Volume 35, Number 6 • JUNE 1959 • Cumulated Subject and Author Indexes

# CURRENT LIST of MEDICAL LITERATURE

## NATIONAL LIBRARY OF MEDICINE

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
Public Health Service

NATIONAL LIBRARY OF MEDICINE

# LOAN POLICY

All items listed in the CURRENT LIST OF MEDICAL LITERATURE are available at the National Library of Medicine. Readers who cannot obtain the journals at local libraries and who cannot come to the National Library of Medicine in person may use the interlibrary loan services of the National Library of Medicine, which is designed to extend the services of the Library at a distance.

**WHAT MAY BE BORROWED.** All printed literature in the Library's collection is available for loan, with the exception of ordinary current, in-trade publications where the presumption of wide-spread accessibility elsewhere is reasonable.

**WHO MAY BORROW.** The National Library of Medicine will loan material only to other libraries; individuals must route their requests through these libraries.

**FORM OF LOANS.** Material in the Library will be loaned in the original form or as photoduplicates (microfilm or photoprints). The National Library of Medicine reserves the right to determine in which form the loan will be made.

## INSTRUCTIONS

1. Requests for interlibrary loans are to be made in writing, using either the ALA Interlibrary Loan Form or the NLM Interlibrary Loan Form, available from the Circulation Section, National Library of Medicine. All requests must be signed, and the signature shall be understood to be certification that the material requested is not available in the requesting library.

2. Requests for loans should contain full bibliographic information. A request for an article should show the name of the journal, date of issue, volume number, author, and title of the article, and the pages (inclusive numbering) on which the article appears.

3. Loans of original works are made on condition that the greatest care be taken in packing and transmitting material for return to the National Library of Medicine. Among other precautions, the corners and edges of books must be well protected; unbound material should not be rolled but should be sent flat, preferably by mail. All returns must be adequately insured.

4. The borrowing library may retain original material four weeks from the date of receipt at the library. No renewals are granted. Any item may be recalled by the National Library of Medicine at any time. Interlibrary loans in the form of photocopies may be retained permanently by the borrowing library.

## OUTSTANDING COUPONS

The effective date of the change in photoduplication practices described above was September 1, 1957. No coupons for photographic services are now sold. Any photoduplication coupons sold by the National Library of Medicine or the Armed Forces Medical Library previously and still outstanding will be honored. Those who desire to use their coupons for the purchase of photocopies may still do so. Refunds for unused coupons will also be made upon request.

The CURRENT LIST OF MEDICAL LITERATURE is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C. Price: $15.00 per year; $20.00 foreign. All communications regarding subscriptions should be addressed to the Superintendent of Documents.

The printing of this publication has been approved by the Director of the Bureau of the Budget, 6 June 1956.

VOLUME 35 • CUMULATED INDEXES • JANUARY–JUNE 1959

# CURRENT LIST OF MEDICAL LITERATURE

NATIONAL LIBRARY OF MEDICINE

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
Public Health Service
WASHINGTON, D. C.

# Additions & Corrections

Vol. 33, No. 6, June 1958 Cumulation, Subject p. 67.

Under BIBLIOGRAPHY, delete

definition & indic. 34437

This entry should have been indexed under the Main Heading, BIBLIOTHERAPY

Vol. 33, No. 6, June 1958 Cumulation, Subject p. 271.

Under ISLANDS OF LANGERHANS, neoplasms, delete

nephroblastoma, benign, in child. (Fr) 24987

Vol. 33, No. 6, June 1958 Cumulation, Subject p. 346.

Under NEPHROBLASTOMA, in infant and child, after the entry reading

case report (Fr) 13471

insert the item number 24987

Vol. 34, No. 3, September 1958, Register p. 342.

32318 SELYE H, RENAUD S, NADASDI M Ability of various steroids to produce infarctoid cardiopathy in rats conditioned by $NaH_2PO_4$. p. 504-11.

should read

32318 SELYE H, RENAUD S, NADASDI M Ability of various steroids to produce infarctoid cardiopathy in rats conditioned by $NaH_2PO_4$. p. 504-11.

Vol. 34, No. 4, October 1958, Subject p. 58.

Under ELECTRICITY, injurious effects, after the entry reading

in home (Fr) 50306

insert the Main Heading

ELECTROCARDIOGRAPHY

Vol. 34, No. 5, November 1958, Register p. 630.

After the entry reading

58797 TRAUTMANN H Über klinische Erfahrungen mit dem Antikoagulans Eleparon. [Clinical experiences with the anticoagulant eleparon] p. 1038-8.

the next entry should read

58797A GESLER E, STRÖDER J Das nervöse Kind. [The nervous child] p. 1038-41; concl.

Vol. 34, No. 6, December 1958 Cumulation, Subject p. 292.

Under HYPERTHYROIDISM, complications, the entry reading

cancer arising in diffuse toxic goiter, case report

should read

cancer arising in diffuse toxic goiter, case report 3047

Vol. 34, No. 6, December 1958 Cumulation, Subject p. 416.

Under NITROFURANTOIN, effects, after the entry reading

on E. coli 25069

insert

on Shigella sonnei, flexneri & alkalescens-dispar group (Fr) 61847

Vol. 34, No. 6, December 1958 Cumulation, Subject p. 575.

Under SULFONAMIDES, effects, after the entry reading

on Shigella, resist. (Heb) 55470

insert

on Shigella sonnei, flexneri & alkalescens-dispar group (Fr) 61847

Vol. 35, No. 1, January 1959, Register p. 89.

The Journal Title abbreviation for the May-June 1958 issue of REVISTA ESPANOLA DE OTO-NEURO-OFTALMOLOGIA Y NEUROCIRUGIA (Valencia), which reads

Rev. espaś. otoneuroft. 27(97) May-June 58

should read

Rev. espaś. otoneuroft. 17(97) May-June 58

Vol. 35, No. 2, February 1959, Register p. 188.

The abbreviation of the Journal Title, IZVES. NA MEDITSINSKITE INSTITUTI (Sofia), which reads

Izv. Mikrob. inst., Sofia Vol. 8 1957

should read

Izv. Med. inst., Sofia Vol. 14 1957

Vol. 35, No. 2, February 1959, Register p. 188.

The Journal Title reading

IZVESTIIA NA MIKROBIOLOGICHESKIA INSTITUT (Sofia)

should read

IZVESTIIA NA MEDITSINSKITE INSTITUTI (Sofia)

# LIST OF ABBREVIATIONS

**Words ending in *-ology* and *-ological* are abbreviated in *-ol.* A compound word, the second part of which is capable of abbreviation, is itself abbreviated, as *cardiopulm.* for *cardiopulmonary.***

| | |
|---|---|
| abdom. | abdominal, abdomen |
| abnorm. | abnormalities, abnormal |
| absorp. | absorption |
| acad. | academy |
| accid. | accidents, accidental |
| accomm. | accommodation |
| addict. | addiction |
| admin. | administration |
| agglut. | agglutination |
| AMA | American Medical Association |
| Amer. | American |
| anat. | anatomy |
| anesth. | anesthesia |
| antag. | antagonists, antagonism |
| appar. | apparatus |
| artif. | artificial |
| assoc. | association, associated |
| auric. | auricular |
| bact. | bacteria, bacterial |
| BCG | Bacillus Calmette-Guérin |
| bibliog. | bibliography |
| biochem. | biochemistry |
| Brit. | British |
| chem. | chemistry, chemical |
| circ. | circulation, circulatory |
| classif. | classification |
| clin. | clinical |
| CNS | central nervous system |
| commun. | communicable |
| compl. | complications |
| cond. | conditions |
| conf. | conference |
| congen. | congenital |
| cpds. | compounds |
| CSF | cerebrospinal fluid |
| Czech. | Czechoslovakia, Czechoslovakian |
| defic. | deficiency |
| deform. | deformities |
| degen. | degeneration |
| dent. | dental, dentistry |
| deriv. | derivatives |
| determ. | determination |
| develop. | development |
| diag. | diagnosis, diagnostic |
| differ. diag. | differential diagnosis |
| dilat. | dilatation |
| dis. | diseases |
| disloc. | dislocations |
| disord. | disorders |
| dos. | dosage |
| E. | East |
| E. coli | Escherichia coli |
| ECG | electrocardiography |
| econ. | economics |
| educ. | education |
| EEG | electroencephalography |
| eff. | effects |
| equip. | equipment |
| exam. | examination |
| excis. | excision |
| exper. | experimental, experimentation |
| fibrill. | fibrillation |
| for. body | foreign body |
| form. | formation |
| Fr. | French |
| fract. | fractures |
| funct. | function, functional |
| GP | general practice, general practitioner |
| Gt. Brit. | Great Britain |
| gyn. | gynecology |
| HCl | hydrochloric acid, hydrochloride |
| hemorrh. | hemorrhage |
| hered | heredity |
| hist. | history |
| hosp. | hospitals, hospitalization |
| hyg. | hygiene |
| illust. | illustration |
| immun. | immunity, immunization |
| indic. | indications |
| indust. | industrial, industry |
| inf. | infants |
| infect. | infection, infectious |
| inflamm. | inflammation |
| inhib. | inhibition, inhibitory |
| inj. | injuries, injurious |
| inject. | injection |
| innerv. | innervation |
| insuff. | insufficiency |
| internat. | international |
| M. tubere. | Mycobacterium tuberculosis |
| manifest. | manifestation |
| med. | medical, medicine |
| ment. | mental |
| metab. | metabolism |
| mortal. | mortality |
| muse. | muscular, muscles |
| nerv. | nervous |
| No. | North |
| NS | nervous system |
| obst. | obstetrics |
| obstruct. | obstruction, obstructive |
| occup. | occupation, occupational |
| ophth. | ophthalmology |
| organiz. | organization, organizational |
| PAB | para-aminobenzoic acid |
| parasympath. | parasympathetic |
| PAS | para-aminosalicylic acid |
| pathogen. | pathogenesis |
| perf. | perforation |
| phys. | physical |
| pois. | poisoning, poison |
| polio. | poliomyelitis |
| Port. | Portuguese |
| postop. | postoperative |
| pregn. | pregnancy, pregnant |
| preop. | preoperative |
| prep. | preparation, preparations |
| preserv. | preservation |
| prev. | prevention, preventive |
| prod. | production |
| progn. | prognosis |
| progr. | progress |
| prosth. | prosthesis, prosthetic |
| pub. | public |
| pulm. | pulmonary |
| RE system | reticuloendothelial system |
| recur. | recurrent, recurrence |
| regen. | regeneration |
| rehabil. | rehabilitation |
| resist. | resistance |
| resp. | respiratory, respiration |
| rheum. | rheumatic, rheumatism, rheumatoid |
| rupt. | rupture |
| sanit. | sanitation |
| Scand. | Scandinavian |
| seq. | sequels |
| serv. | services |
| So. | South |
| soc. | social |
| Span. | Spanish |
| standard. | standardization |
| statist. | statistics, statistical |
| streptoc. | streptococcus, streptococcal |
| strict. | stricture |
| surg. | surgery, surgical |
| Switz. | Switzerland |
| sympath. | sympathetic |
| sympt. | symptomatic, symptom |
| synd. | syndrome |
| TAT | Thematic Apperception Test |
| ther. | therapy |
| tox. | toxicity |
| train. | training |
| transm. | transmission |
| transpl. | transplantation |
| traum. | traumatic |
| tuberc. | tuberculosis, tuberculous |
| UN | United Nations |
| UNESCO | United Nations Educational, Scientific and Cultural Organization |
| U. S. | United States |
| vacc. | vaccination |
| vasc. | vascular |
| ventric. | ventricular |
| vet. | veterinary |
| W. | West |
| wds. | wounds |
| WHO | World Health Organization |
| Yugosl. | Yugoslavia, Yugoslavian |

# CUMULATIVE SUBJECT INDEX


ABDERHALDEN REACTION
review 15727

ABDOMEN
*see also* RETROPERITONEAL SPACE
*abscess*
caused by perf. of bladder wall by fountain pen (Rus) 55165
subphrenic 42815
54658
subphrenic, postop., in gastrectomy for gastric lymphosarcoma, case report (Sp) 1835
subphrenic, right, in premature inf. (Fr) 30476
subphrenic, ther. (Rus) 5949
subphrenic, x-ray diag. (Rus) 5948
*blood supply*
celiac artery aneurysm, surg. 36314
*diseases*
coronary reflex manifest. (Fr) 27528
dermatomyositis, multiple visceral localization, case report (Sp) 3314
diag. by palpation (Ger) 45946
echinococcosis, abdominopelvic, case reports (Fr) 26217
expansive processes in upper abdom. (Ger) 11402
incurable dis., palliative surg. 22103
lower abdom. manifest. in lymphatic leukemia with hepatomegaly, unusual case (Fr) 6315
nongaseous periodic distension (Sp) 20639
pain 5343
pain at right iliac fossa, differ. diag. (It) 21454
pain, generalized, with acute renal failure, clin.-pathol. conf. 16668
pain, hist. note 53057
pain, in child. 46054
pain, spastic, in child., ther., aminopyrine-scopolamine-N-butylbromide prep. (Ger) 19058
pain, x-ray diag. (It) 9295
perivisceritis of right hypochondrium in nutrition disord., x-ray manifest. (Ger) 31618
postop. tympanites, ther., pantothenyl alcohol 10994
pseudodistension in hysteria, with pain, dyspnea & dysphagia in relation to disturbed diaphragmatic movement 36976
pseudomyxoma peritonei, diag. 37718
pseudomyxoma peritonei ex appendicitide, etiol. 35485
pseudomyxoma peritonei, relation to Meigs synd. (Fr) 4825
pseudomyxoma peritonei with appendiceal mucocele & inguinal appendicocele, case report (It) 15890
*foreign bodies*
porcupine quill causing intraperitoneal granuloma, case report 6503
soft drink bottle in peritoneal cavity, case report 45806
soft drink bottle in peritoneal cavity introduced criminally through vagina 4451
*hemorrhage*
hemoperitoneum caused by spleen rupt. in newborn, splenectomy & recovery 30134
hemoperitoneum, in newborn inf., caused by rupt. of subcapsular hematoma of liver (It) 25703
hemoperitoneum with hepatic subcapsular hematoma & generalized amyloidosis, clin. pathol. conf. 30117
in tubal pregn. caused by uterine fibroma, case report (It) 38546
with diarrhea & hypopotassemia in pregn., fatal case 19650
*neoplasms*
causing dermatomyositis & generalized hypertrophic osteoarthropathy 41166
chordoma of unusual size, case report (Ger) 34546
diag., cytol., phase contrast microscopy of peritoneal fluid (It) 6872
diagerminoma in pseudohermaphroditism, case report (It) 35539
early manifest. as multiple thrombophlebitis (Sp) 31034
laparotomy revealing incurable cancer 54724
lymphangioma (Rus) 41556
retroperitoneal leiomyoma, surg. & postop. cicatricial fibroma clin. pathol. conf. (Sp) 9719
surg. (Ger) 38442
ther., cobalt telether., problems & results (It) 6365
*physiology*
penetration of avian erythrocytes from peritoneal into pleural cavity (Rus) 13578
*radiography*
field x-ray exam. in child. (Ger) 38982
pre-exposure prep. with bis (p-acetoxyphenyl)-2-pyridylmethane (Sp) 6577
*surgery*
abdominopelvic, compl., postop. femoral neuropathy 18658
abdominoperineal resection 28448
anesth. with glyceryl guaiacolate adjuvant (Bul) 28701
celiotomy with postop. gas gangrene of abdom. wall, case report 30163
dehiscence (Dut) 29947
emergency surg. (Por) 53846
endotracheal anesth. with musc. relaxants (Rus) 16250
exper. laparotomy, eff. of postop. admin. of cytostatic drugs on healing of surg. wds. (Ger) 29464
general anesth. potentiated by musc. relaxant, clin. & exper. trial (Rus) 18185
indic. & progr., review 4687
laparotomy, 5-allyl-5-isobutyl-2-thiobarbituric acid for general anesth. in gyn. (It) 11833
laparotomy, exploratory, diag. value 14725
laparotomy in child., significance of postop. pneumoperitoneum 53715
laparotomy in diag. of biliary obstruct. in inf. (Sp) 53948
laparotomy, methods, compl. & management (Por) 53863
laparotomy of upper median abdom. with wire suturing about rectus abdominis musc. (Ger) 34526
laparotomy postop. lung volume & funct. 24804
laparotomy, postop. suture dehiscence, etiol. (Ger) 29105
laparotomy, readiness of surgeon for complete exploration & excis. of several organs to avoid 2nd operation (Tur) 22368
laparotomy, rubber obturators for holding intestinal loops in closure (Rus) 51192
laparotomy, transverse (Sp) 53357
laparotomy with splanchnic nerve block, postop. prolongation of block (Ger) 46014
laparotomy with use of Mann's abdom. retractor causing inj. of femoral nerves, cause unjustly attributed to spinal anesth. 14572
mechanical raising of chondrodiaphragmatic roof in surg. of upper abdom. (Fr) 42440
mepazine anesth. adjuvant 37539
paracentesis causing massive intraperitoneal hemorrh. 50822
potentiated local & endotracheal anesth. (Rus) 18183
premedication with diprazine-mepazine lytic cocktail (Rus) 10748
prev. use of glucosamine-potentiated nystatin-tetracycline prep. in emergency surg. 50756
thoracophrenolaparotomy, technic & indic. (Sp) 30993
vibesate plastic transparent dressing in abdom. surg. 4851
with di-(21-hydrocortisone) sodium phosphate (Sw) 10158
*wounds and injuries*
32726
blunt, causing rectal rupt. (Dan) 10600
blunt inj. causing retroperitoneal postampullary rupt. of duodenum with emphysema of mesentery, case report 32490
blunt inj. causing small intestine intussusception (Ger) 42938
blunt, relation to pathogen. of acute appendicitis in child. (Rus) 45701
blunt trauma causing tearing of duodenum (Rus) 18210
blunt trauma causing transverse intestinal rupt. (Ger) 55585
causing inj. of gastrointestinal system (Rus) 18214
causing renal hypertension (Ger) 21623
closed inj. causing gastrointestinal hemorrh., differ. diag. (Ger) 35594
closed inj. causing isolated pancreas inj. (Rus) 41531
closed inj. causing visceral lesions, anti-shock ther., surg. & anesth. (It) 21432
closed, management 45924
closed, unusual case (Rus) 41551
contusion, case report (Sp) 27236
contusions causing biliary inj. (Fr) 31609
contusion causing diaphragmatic hernia (Sp) 25945
defensive mechanisms of body against blunt abdom. inj. 4185
diag. & management 52752
in military personnel in Algeria, statist. (Fr) 42441
in traffic accid., management 5853
large right abdominothoracic wd. caused by circular saw, with postop. hyperthermia & survival (Fr) 42437
non-penetrating inj. causing perf. of small intestine, diag. & surg. indic. 14647
non-penetrating inj. causing retroperitoneal hematoma, case report 51593
non-penetrating inj. causing retroperitoneal rupt. of duodenum, case report 35070
nonpenetrating inj., diag. & surg. 32728
non-penetrating inj., diag. & ther. 16849
open, management (Ger) 2269
penetrating gunshot wds., eff. of acute radiation sickness in dogs (Rus) 10885
post-traum. fract. of pelvis & lumbar spine with dehiscence of diaphragm after nonpenetrating wds., surg. 5881
post-traum. intussusception after penetrating abdom. wound, case report 14210
relation to pathogen. of acute appendicitis (Rus) 45700
surg., indic. for artif. hibernation (Fr) 24747
thoracic & abdom. arrow wound in cat 28182
thoraco-abdom. wds., diag. & surg. 32727
with anoxemia causing severe brain damage, case report 49619

ABDOMEN, ACUTE
*case reports*
(Ger) 51684
false cases of urgent acute abdom. (Fr) 51456
sympt. on right side (Sp) 39113
*diagnosis*
29306
clin. & radiol. collaboration (It) 29660
diag. errors 27106
hydropyonephrosis with adenocarcinoma of ectopic kidney, case report (It) 26586
in postcoronary compl. 49989
insufflation of air in stomach & follow-up with x-ray of abdom. as adjunct to diag. 46915
myocardial infarct (Ger) 29095
paracentesis using polyethylene tubing 23476
total cystic degen. of ovaries caused by gonadotropin ther. of amenorrhea, case report (Fr) 14331
Wernoe's sympt., diag. value & physiopathol. (It) 53784
x-ray, organiz. & results of hosp. x-ray serv. (It) 29668
x-ray, technic (It) 29661
x-ray, value (It) 47818
*etiology and pathogenesis*
40994


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

(Por) 21019

abdom. epilepsy (Dan) 52735

acute idiopathic pericarditis, case report 13162

acute porphyria with abdom. manifest. (Ger) 55725

appendicitis assoc. with inflamm. of Meckel's diverticulum & intestinal obstruct. (It) 53782

cardiac tamponade, case report (Por) 39091

gonadotropin admin. causing cystic degen. of ovaries with rupt. & hemoperitoneum (It) 53773

gyn. dis. & pregn. compl., differ. diag. 28541

in gyn. 53286

infect. hepatitis, case reports (Ger) 10294

intestinal obstruct. & peritonitis, x-ray aspects (It) 29662

periarteritis nodosa (Fr) 32039

spinal epidural abscess (Sp) 53918

spontaneous rupt. of ovarian dysgerminoma, case reports (It) 1499

torsion & infarction of normal ovary 54721

traum. retroperitoneal hemorrh. (Rus) 18216

trichinosis caused by ingestion of white bear meat (Rus) 21895

***in aged***

surg. indic. (Ger) 41716

***in infant and child***

53285

caused by Meckel's diverticulum, diag. & surg. (Ger) 34561

in newborn & in early childhood (Sp) 9666

surg., cecostomy (It) 6867

surg. in 1st year of life 8131

## ABDOMINAL WALL

***abnormalities***

extensive defect, plastic surg., remote results (Rus) 54572

gastroschisis, incidence (Ger) 11445

gastroschisis, surg. 12704

***abscess***

differentiation from perf. of Meckel's diverticulum into hernia sac, case report (Por) 51644

***anatomy and histology***

superficial inguinal fasciae, anat. & embryol. (It) 1518

***diseases***

diastasis of rectus abdominis, correction with new plastic surg. technic (Rus) 18218

musc. distention, caused by dysautonomia & ment. disord. (Ger) 19407

myositis, subacute of large abdom. musc. following appendectomy, case report (Fr) 14361

pendulous abdom. (Sw) 54810

pendulous abdom., surg., Dépage laparoplasty, comparison with dermolipectomy (Por) 21063

tuberc. serositis, ther. (It) 13659

***gangrene***

gas gangrene following celiotomy, case report 30163

***hemorrhage***

massive right rectus hematoma simulating coarctation of aorta 30184

rectus hematoma (Fr) 2010

rectus hematoma (It) 54206

rectus hematoma caused by anticoagulant ther. of myocardial infarct (Fr) 36663

rectus hematoma, differ. diag. from rupt. of uterus in pregn. 24515

***innervation***

antero-lateral (Rus) 13564

***neoplasms***

desmoid, develop. on laparotomy scar (It) 20993

etiol. & pathol. (Rus) 5966

fibrohistiocytoma, case report (Sp) 1844

fibroma, case reports (Sp) 13912

fibroma, review (Fr) 404

lymphangioma of left groin & penis in child, case report 7840

mechanical implantation of tumor cells from gastric adenocarcinoma in cutaneous layers of surg. wd. (It) 29573

primary encapsulated angioma of striated musc. (Pol) 53136

synovial sarcoma of anterior abdom. wall, case report 35889

***paralysis***

lateral abdom. musc. paralysis in child, after polio., surg., transposition of gluteus maximus, tensor fasciae latae & ilio-tibial band 40626

***perforation***

by gallbladder calculi (Ger) 15306

***physiology***

contralateral rectus abdominis clonus (Ger) 39018

mechanical properties of strips of human abdom. skin excised from below & above the umbilic, comparison 38859

mechanism of appearance of musc. contracture (Rus) 18217

paradoxical motion in diaphragm rupt. 22001

reflex ventral press activity accompanying vaginal contractions (Ger) 27847

skin reflexes, plasticity in man 25974

skin reflexes, spinal mechanisms, electromyography 25973

superficial abdom. reflexes, clin. manifest. & electromyography 34893

***rupture***

surg., new needle (Fr) 23666

***surgery***

McBurney incision of obliquus internus abdominis (Sp) 31001

rectus section, exper. & anat. aspects (Rus) 33220

***wounds and injuries***

burn causing develop. of acute duodenal ulcer (Rus) 5997

***ABDUCENT NUCLEUS*** *see* **NERVES, ABDUCENT**

## ABNORMALITIES

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

***see also*** **ARACHNODACTYLY**

***see also*** **ARNOLD-CHIARI MALFORMATION**

***see also*** **BONNEVIE-ULLRICH SYNDROME**

***see also*** **CARDIOVASCULAR DEFECTS, CONGENITAL**

***see also*** **ECTODERMAL DYSPLASIA**

***see also*** **MONSTERS**

***see also*** **SITUS INVERSUS**

amyoplasia congenita, review & case reports 13484

bone & joint abnorm. in fetus in utero (Fr) 21369

branchiogenous 50174

causing perinatal death, case reports & statist. of obst. clinic of Milan (It) 13102

chondrodystrophia fetalis hyperplastica with chondrometa- & chondrohyperplasia (Ger) 55661

classif. & etiol. (Por) 31852

etiol. & incidence (It) 29575

etiol. & incidence in U. S. & Mexico (Sp) 29378

in precolonial Indian So. American art (Ger) 42914

management 50800

multiple abnorm. involving abdom. wall, sternum, diaphragm, pericardium & heart 22074

neural & somatic abnorm. in retrolental fibroplasia 5627

relation to abnorm. of milk teeth, x-ray findings (Ger) 18282

relation to multiple basal-cell nevus 34852

synd. of head & tooth abnorm. with nanism, hypotrichosis, cutaneous atrophy, microphthalamia & congen. cataract (It) 13933

theory of induction, induction disord. & pathogen. of malform. (It) 29582

typus degenerativus amstelodamensis (Fr) 30482

various malform. causing general adaptation synd. & other stress cond., emotional relief after plastic surg. (Sp) 31799

***case reports***

acrocephalosyndactylia (Fr) 36160

acrocephalosyndactyly with kidney cysts (Ger) 55649

dysraphia causing facial & abducens nerve paralysis (Ger) 28923

dysraphia of face & genitals with multiple abnorm. of limbs (It) 29587

ectromelia with continuous splenic-gonadal fusion 43502

multiple abnorm. (Fr) 26265

multiple, with congen. diaphragmatic hernia (Rus) 55268

multiple with irregular cutaneous pigmentation & osteogenesis imperfecta 168

status dysraphicus causing intravertebral disk protrusion in child. 49622

***complications***

acanthosis nigricans with multiple deformities, pathol. relations (Sp) 31842

acrocephalosyndactyly with ment. retardation, case reports 24460

***diagnosis***

fetal, early diag. value of hydramnios (Sp) 12007

x-ray diag. in fetus (Pol) 30721

***etiology and pathogenesis***

acquired or hereditary nature of prenatal aberrations of constitutional develop., anat.-histol. study (Ger) 34208

constitutional & hered. factors, review (Ger) 42869

dysraphia caused by Cushing synd. in mother (Sp) 53917

environmental factors 50052

environmental factors, deductions from presence of cleft lip & palate in one of identical twins, from embryol. & from animal exper. 8038

environmental factors in teratogenesis, review (Fin) 27299

27300

exogenous factors, review (Nor) 22247

extragenital environmental factors in congen. deform., relation to nutrition in 1st trimester of pregn. 20385

lead pois. in father (Dut) 30006

maternal & paternal diabetes mellitus, comparison with offspring of non-diabetic parents 17917

maternal & paternal factors, review 24803

maternal hepatitis (Ger) 13075

maternal measles (Fr) 54139

maternal prediabetes mellitus (Ger) 46115

maternal rabies in pregn. (Ger) 25218

maternal rubella 50050

51056

maternal rubella (Sp) 46878

maternal rubella, incidence (Ger) 15460

maternal toxoplasmosis in pregn. (Pol) 33706

maternal virus dis. in pregn. (Ger) 52258

parental consanguinity 544

43530

prediabetic pregn. (Fr) 29220

threatened abortion (Ger) 51868

***experimental***

acetabular dysplasia & femur head & neck deformities caused by hip disloc. in young growing dogs 16981

anencephalus, induction by hypervitaminosis A in rat embryos (Fr) 25468

brachyury & anury in mice 4987

develop. anomalies in mice resulting from action of semi-dominant lethal gene 43532

eff. of cysteamine on teratogenic eff. of x-irradiation in mice 52344

exper. acleiencephalus, prod. by ultrasonics in chick embryos (Fr) 4994

incidence in offspring of rats with vitamin E defic., eff. of esterone & progesterone 49267

induction by 8-azaguanine in mouse embryos 40787

induction by dietary measures in mammals, review 38153

induction by hypoxia 7435

induction by maternal admin. of hypoglycemic sulfonamides in rat (Fr) 38631

induction by methylfolic acid admin. in mice (Fr) 3076

induction by temporary cooling of chicken egg, permitting hatching & normal develop. of chick (Fr) 38649

induction by vitamin B2 defic. in strains of inbred mice 43533

induction in guinea pigs by sensitization during pregn. (Sp) 9730

induction in mammals by metab. methods 53113

induction with x-methyl-folic acid in cats (Fr) 15085

inheritance & expression of disorganis., unusual mutation in mouse 17273

inheritance of susceptibility to congen. deformities demonstrated by metab. clues induced in mice by teratogenic agents 43535

maldevelop. of fetuses of mice treated with chorionic gonadotropins before conception 20112

malform. of head induced by vitamin A excess during pregn. (It) 29577

radiation-chimeras, immunol. status & longevity in mice 53498

regen. after amputation of defective axoloti tails 4974

teratogenic action of carbutamide in rats (Fr) 26810

teratogenic activity of actinomycin D on rat fetus (Fr) 49792

teratogenic eff. of cortisone acetate after inject. into chick embryo 16289

teratogenic eff. of hypervitaminosis A in rats, eff. of vitamin B complex 19585

teratogenic eff. of polyfunct. alkylating agents on rat fetus, comparison 43534

teratogenic eff. of temporary cooling of chicken egg during incubation (Fr) 4976

teratogenic eff. of trypan blue in pregnant rat, response to maternal admin. of progesterone (Fr) 36077

teratogenic eff. of trypan blue on hamster embryos 4972

teratogenic eff. of ultraviolet rays on amphibian larvae (Fr) 15072

x-ray induced, in rats, eff. of cortisone 37629

*heredity*
hered. sensory radicular neuropathy with other abnorm. in large family 12335

*prevention and control*
prenatal (Ger) 30053
prenatal care in prev. of causative cond. (Ger) 19428
vitamin E in prev. 49491

*statistics*
in Gt. Brit. 21533
incidence & distribution in Germany (Ger) 34574
incidence in Brooklyn, New York 839
incidence in human genetics, statist. methods of estimation (Fr) 40870
major congen. defects in Japanese inf., review 35691

*surgery*
plastic surg., indic. 26605
results (It) 44319

ABORTION

*see also* STILLBIRTH

aborted ova, sex determ. by morphol. of cell nucleus (Ger) 15448
diag. & prev. in 1st trimester (Fr) 38810
etiol. & prev. 3657
habitual & threatened, ther. & prev. by norethisterone 13215
habitual, hysterography 29294
habitual, review (Ger) 51863
habitual threatened 2997
missed 24509
missed & incomplete, diag. & ther. 43328
repeated, anat. & psychophysiol. factors 43330
spontaneous, causes & management, physician-patient relation 29320
threatened, biochem. factors & management (Sp) 15511
threatened, eff. on course of labor & incidence of inf. abnorm. (Ger) 51868
threatened, non-harmful eff. of reasonable amount of ambulation 7609

*case reports*
missed, autopsy after 8 years 35754
missed with prolonged retention of dead fetus (Fr) 26235

*complications*
fetal retention causing afibrinogenemia, review (Sp) 20653
maternal mortal., hosp. statist. in Chile (Sp) 30236
postabortion fetal calcification with uterine perf. (Sp) 32467

*diagnosis*
incomplete, diag. of age from curettage material (Ger) 22800
threatened, clin. value of urocytogram (Sp) 7588
threatened, diag. & progn. value of colpocytol. exam. (Hun) 51426
threatened, diag., gravimetric determ. of chorionic gonadotropin 52829

*etiology and pathogenesis*
habitual abortion caused by cervical incompetence 45071
habitual, caused by cervical weakness, surg., modified Shirodkar operation 52139
habitual, caused by iso-immun. after blood transfusion (Sp) 42210
habitual, caused by listeriosis (Ger) 38943
38952
habitual, caused by uterine dystopia (Sp) 20056
habitual due to progesterone defic. ethisterone ther. 29312
29313
29314
in sheep, caused by virus of psittacosis-lymphogranuloma group 4648
incompetent internal os of uterine cervix causing late abortion, surg. technics for repair during & between pregn. 20083
lead pois. in father (Dut) 30006
maternal environment 30169
spontaneous, causes (Sw) 10174
toxoplasmosis (Pol) 33706

*experimental*
induced in early pregn. by combined hypogastric sympathectomy & pelvic parasympathectomy in dogs 54716

*prevention and control*
contraceptives as means of prev. of abortion (Dan) 10607
habitual (Fr) 35612
habitual, 17α-methyl-19-nortestosterone 36026
habitual, 17α-methyl-19-nortestosterone (Dut) 30009
habitual spontaneous abortion by early prenatal care 14400
habitual, ther. with 17α-hydroxyprogesterone caproate 13216
incomplete hist. of ther. technics & current method of aggressive management 12381
threatened 43329
threatened (Ger) 42330
threatened, baralgin ther. (It) 9414
threatened, chlorpromazine & promazine ther. (Ger) 10304
threatened, norethisterone & 17α-hydroxyprogesterone caproate 13214
threatened, prev. by pendiomide (Pol) 43653
threatened, vitamin E (Rus) 9900

*psychology*
psychogenic early (Ger) 16107

*statistics*
habitual, intrauterine fetal death (Ger) 24799
in New York 641

ABORTION, CRIMINAL
medicolegal aspects (Ger) 15399
sentencing of physician, pharmacist & nurse in abortion case 30348

*case reports*
attempted abortion using potassium permanganate (Fr) 31069
Breus' mole containing 2-month-old fetus (It) 20991

*complications*
anuric nephritis (Ser) 51723
by nail with lodgement in parametrium 640
by plant root causing gas gangrene septicemia (Ger) 11459
Clostridium perfringens septic toxemia with acute renal failure, ther., exchange transfusion (Sp) 30238
fatal septicemia caused by Clostridium perfringens & Waterhouse-Friderichsen synd., medico-legal aspects (Fr) 47431
hypofibrinogenemia 50898
lead pois. after ingestion of lead monoxide in attempted abortion, polarographic lead determ. 24002
pneumoperitoneum after attempted abortion (Ger) 34592
puerperal tenanus (Ger) 3754
uterus perf. caused by catheter 639

*ABORTION, INDUCED see* ABORTION, CRIMINAL

*ABORTION, INDUCED see* ABORTION, THERAPEUTIC

*ABORTION, INFECTIOUS see* BRUCELLOSIS

ABORTION, THERAPEUTIC
by cremor saponis inject. (Fin) 10070
by formalin, Boero method (Ger) 23231
by hypertonic glucose solution injected into amniotic sac 35272
by sterilized cremor saponis (Dan) 22390
eugenic indic. (Sw) 22122
eugenic indic., discussion (Ger) 42358
genetic indic. (Heb) 27782
gyn. & obst. indic. (Heb) 27777
indic. & technic 38595
legal & Jewish religious aspects (Heb) 27783
local anesth. (Rus) 9867
medicolegal aspects (Ger) 15399
moral & legal aspects (Ger) 54340
moral factors 10454
psychiatric indic. in mentally sound women (Ger) 54341
soc. aspects (Heb) 27784

*complications*
compl. & mortal. statist. (Dan) 22389
follow-up (Hun) 51420

*in various diseases*
cancer, indic. (Heb) 27780
heart dis. & pulm. tuberc., eff. of surg. progr. on frequency (Ger) 6729
heart dis., indic. (Heb) 27779
infect. hepatitis, indic. (Rus) 9866
maternal rubella, indic. (Sp) 2953
mental disord. 2594
ment. disord., indic. (Heb) 27781
mental disord., need for research 2595
pulm. tuberc., indic. (Heb) 27778
pulm. tuberc., indic. & contraindic. (Sp) 9689
surg. dis. (Ger) 23235

*legislation*
in Denmark (Dan) 41957

*statistics*
by Boero's technic (Ger) 23225

ABSCESS

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

caused by inject. of irgapyrin, medicolegal responsibility of physician (Ger) 29472

*experimental*
blood 17-hydroxycorticosteroids & reducing steroids in subcutaneous abscess in rats (Fr) 38771
blood protein analysis in guinea pigs, electrophoresis (Fr) 21279
in guinea pigs with partial & total vitamin C defic., eff. on blood proteins (Fr) 9020
sex factor in develop. of subcutaneous abscess in rat (Fr) 38770

*therapy*
(Ger) 49064
caffeic acid prep. (Ger) 4062

ACANTHOSIS NIGRICANS
genetic data on benign, malignant & pseudo forms 34851
with cancer of stomach (Bul) 45293
with other congen. deformities, pathol. relations (Sp) 31842

ACARIASIS
Cheyletiella parasitivorax infestation of female dog & her litter 15241
cnemidocoptic mange in budgerigar 28186
demodicidosis, fuadin ther. in dogs (Pol) 33759
Gamasidae in ground squirrel (Rus) 51742
in insects (Pol) 33805
Pneumonyssus simicola pulm. infect. in monkeys (Pol) 33806

ACCELERATION
deceleration forces & direction in aircraft accid., relation to inj. 16864
eff. of hypoxia on tolerance to positive acceleration 16866
human angular acceleration device 15231
human tolerance to forward & backward acceleration, eff. of water immersion 40438

*effects*
clin. evaluation of low G tolerance 46378
gastric & parotid secretion & gastric contractions in dogs exposed to radial acceleration (Rus) 37172
human tolerance to prolonged forward & backward acceleration 50321
in man 40439
in man & animals, review 40437
on air-to-air tracking performance during closed-loop centrifuge operation 28203
on blood acetylcholine, epinephrine, sympathomimetics, potassium & sodium (Rus) 1753
on ECG in man 48143
on electronystagmographic changes after alcohol admin. in normal subjects (Ger) 27136
on vestibular nuclei & physiol. nystagmus (Ger) 36493
physiopsychic exper. data in relation to future space flight (It) 19207
positive acceleration on performance of air-to-air tracking task 40441
positive acceleration on spatial vectorcardiogram in man 16867
positive G tolerance, relation to cardiovasc. responses 28206
positive, negative & transverse acceleration on spatial vectorcardiogram 23351
positive, on erythrocyte hydration in monkeys 16821
resp. & ECG responses of chimpanzees subjected to 40 G 4691
tolerance to prolonged forward & backward acceleration 46379

ACCIDENTS

*see also* ASPHYXIA

*see also* DROWNING

accid. deaths in Memphis & Shelby County, Tennessee 41446
aged accid. prev. 17548
aged accid. prev. physician's role 3783
aircraft accid. caused by heart dis. 29225
aircraft accid. causing sudden death from being sucked into jet plane (Ser) 45904
aircraft accid., technical & psychol. prev. (It) 9386
aircraft, caused by pois. of personnel (Fr) 12047
aircraft, med. investigation of casualties 4704
aircraft, protection of passengers from seq. (Dut) 12034
aircraft, recur. of pulm. fat & tissue metab. in fatal cases 28202
aircraft, relation of inj. to forces & direction of deceleration 16864
aircraft, spine fract. in survivors 16865
child accid. in Germany (Ger) 15396
child-accid., prev. 28176
child, accid. prev. in inf. & child. centers (Sw) 32842
child, accid. prev. (Sp) 46092
child accid. prev. in Canada 2597
child., accid. types & prev. (Sp) 36858


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

child safety programs, trends 20264

death hazards in sound-proof telephone booths (Ger) 23135

determ. of cause of death in accid. inj. suspected as stabbing 49117

evolution of theory of psychol. causes of accid. (It) 21011

expert testimony, review (Ger) 52224

home accid. prev. 5383
41077

hosp. accid. causes 4114

hosp. accid. in operating rooms (Ger) 55873

hosp. safety measures 16221

in Argentina (Sp) 8188

in Denmark (Dan) 1628

in Russia, traumatol. centers (Rus) 33206

insurance, review (Ger) 42900

military personnel accid. prev. (Rus) 45850
45851

power lawn mower accid. 5279

proneness in amputees 47366

proneness, psychol. & case report (Fr) 989

responsibilities of med. profession 7943

school accid. prev. on college campus, problems 54629

school accid. prev. on college campus, role of safety engineer & college health serv. 54630

## ACCIDENTS, INDUSTRIAL

*see also* WORKMEN'S COMPENSATION AND INSURANCE

causing back inj., pre-employment exam. & employee placement criteria 11075

causing joint inj., phys. ther. technics in office management 45094

causing large right abdominothoracic wd. by circular saw, with postop. hyperthermia & survival (Fr) 42437

causing molten metal burns of leg in light castings indust. 37647

causing ocular contusion by incorrectly mounted grinding machine (Dan) 55111

causing tetanus, eff. of tropical climate on incidence 16339

diving accid. (Fr) 53411

electric accid., fatal, caused by break of neutral wire (Ger) 23133

farm. accid. prev. 50682

fatal, soc. security legislation in France (Fr) 47428

forestry accid. in Bulgaria (Bul) 41573

in E. Germany prev. (Ger) 38678

in Italy, legislation (Ger) 11364

in Russia, prev. (Rus) 32579

in Switz. prev. (Fr) 30974

iron works accid. in Chile (Sp) 31878

legal decisions on distinction between work & travel accid. in drivers going to & from work (Fr) 9662

mining accid. causing spinal fract. in Moroccan phosphate miners (Fr) 8357

mining accid. in Bulgaria (Bul) 41589

mining accid. in Gt. Brit. 26057

mining accid. in Morocco (Fr) 8356

mining accid. in phosphate mines in Morocco (Fr) 8354
8355

mining accid. in Russia (Rus) 33205

paper plant accid. in Russia (Rus) 33204

prev. (Dut) 34831

proneness, psychol. & physiol. components of accid. synd. 14059

railway workers' accid. (Rus) 52866

rehabil. 48767

resuscitation (Ger) 46219
46220

shipyard accid. with loss of time 4249

subjective causes of accid. (It) 8615

## ACCIDENTS, TRAFFIC

autopsy findings 35230

caused by acute dis. of drivers (Sw) 54818

caused by alcoholic intoxication, incidence & medicolegal interpretation of blood alcohol tests (It) 9311

caused by alcoholism, Swedish statist. (Sw) 10169

caused by handicapped (Ger) 7642

caused by neurol. disord. (Ger) 7643

caused by poor driving technics (Fr) 9217

caused by speeding 24646

caused by systemic dis. (Ger) 7641

causes 40259

causing acute brain lesions, mortal. & morbidity statist. in Denmark (Dan) 10619

causing closed inj. of thorax, classif. & management (Fr) 9213

causing craniocerebral inj. (Fr) 9212

causing dashboard femoral fract. in auto accid., pathomechanics, prev. & ther. 40614

causing fract. (It) 54231

causing fract., emergency ther. with Hoffmann's external device (It) 54224

causing frontal lobe contusion, surg. (Ger) 14949

causing inj., improved care 53053

causing inj., types of wds. & management (It) 32099

causing multiple inj. patient care 51476

causing spinal & leg inj. (Fr) 9211

causing sudden death, x-ray determ. of causes (Ger) 27140

causing whiplash inj. of neck with multiple spinal disord., diag. & ther. 14553

causing whiplash inj., review 19904

eff. of epinephrine on blood alcohol in accid. stress (Ger) 49107

energy, velocity & acceleration factors in cadaveric skull fract. on car instrument panel 22073

first-aid equipment (It) 9290

first aid for injured (Fr) 3141

human factor 4313

in Canada, mortal. & morbidity 38043

in child., sociol. aspects 48335

in childhood 48343

in Denmark (Dan) 10621

in France (Fr) 9210

in France (Por) 28091

in Italy (It) 9298

in motorcyclists, soc. aspects (Nor) 10383

in Netherlands mortal. (Dut) 18572

legal decisions on distinction between work & travel accid. in drivers going to & from work (Fr) 9662

med. aid at place of accid. (Ger) 23097

med. aid, liability of physician to injured 4151

med. aid, medicolegal aspects of physician-patient relations in France (Fr) 9220

med. & surg. aid (It) 21433

med. cond. that predispose drivers to accid. 27060

med. problems (Ger) 39962

neuropsychiatric aspects (Sw) 45053

proneness, taxi driver study 48476

psychol. 18732

rehabil. (It) 54221

review (Ger) 39854

***prevention and control***

55282

(Ger) 9528

high school driver educ. 40255

highway safety programs, need for more research 4315

improved automobile construction, relation to wds. & inj. (Fr) 9215

in E. Germany (Ger) 38879

in France (Fr) 9216
15196

in France, obligatory determ. of blood alcohol (Ger) 27139

in France, program for care of traffic wds. & inj. (Fr) 9214

in Gt. Brit., road construction & maintenance, relation to health & safety 21536

med., legal & engineering aspects 4310

prohibition of licenses to amputees, criticism of regulations in various countries (It) 9274

psychol. test for drivers (Fr) 9218

psychol. test study of drivers incurring auto accid. 24645

pub. health aspects 20902

responsibilities of health departments 4314

responsibilities of physicians 4311

responsibilities of physicians & pub. health officers 8434

roles of state agencies for traffic safety, synchronization 53676

state med. society traffic safety committees, need & objectives for 40257

traffic court, cooperation of med. & legal professions 4316

*ACCLIMATIZATION see* CLIMATE

## ACCOMMODATION, OCULAR

accomm. levels during near crossed-cylinder test 24580

accommodative convergence 690

accommodative convergence, nonlinear relationships 47045

accommodative spasm 48207

asymmetric convergence, electromyography 24558

disord. in Adie synd. 41220

eff. of ciliary musc. on filtration of aqueous chamber (Ger) 12953

eff. of illuminance quantity 28003

eff. of partial cycloplegia on accommodation-convergence relationship 47079

eff. of visual train. on accommodative-convergence accomm. ratio 693

electric activity of eye during accom. 24565

electrical response in far-to-near accommodation in human eye 11682

fusional convergence measurement in determ. of leader twin in monozygotic pairs (It) 218

sympath. NS control 2108

vergence, relation to accomm. stimulus 80

vergence, relation to changes in accomm. 79

## ACETABULUM

fract. (It) 35621

fract. of base with central disloc. of femur head, case reports (It) 36793

plastic reconstruction of acetabular roof, Lance-Schede & Spitzy method, indic., contraindic. & remote results (Ger) 27377

plastic reconstruction of acetabular roof, remote results (Ger) 25343

protrusio acetabuli, review (Ger) 25351

protrusion, classif. & case reports (It) 19266

reconstruction of acetabular roof in congen. hip disloc. (Ger) 34552

## ACETALDEHYDE

***effects***

on arterenol & epinephrine secretion by adrenal medulla in cats 316

on blood cholesterol, lipids & proteins in rabbits on high cholesterol diet, comparison with formaldehyde (Fr) 26319

on oxidative phosphorylation of rat brain & liver mitochondria 8498

## ACETANILID

eff. on aminophenol glucuronide form. in blood & liver of newborn (Ger) 54378

***related compounds***

m-acylated 2-aminoacetanilides & their hydrogenation products, prep. & properties (Ger) 13644

aminoacylanilides, relation of chem. structure to pharmacol. action (Ger) 1585

4'-hydroxyacetanilide, eff. on erythrocyte life span & on organ histol. in dogs & rabbits (Ger) 54331

## ACETATES

*see also* ACETIC ACID

*see also* IODOACETATES

*see also* PHENYLACETIC ACID

lead tetra-acetate reaction with dimethoxybenzene (Ger) 1325

lead tetra-acetate reactions with hydroquinone-dimethylether (Ger) 13358

***determination***

in croton oil, isolation & identification of component crystalline acetates 15662

***effects***

calcium acetate-dihydrotachysterol sensitization for induction of cardiac lesions by various agents 35622

lead acetate treatment of leukocytes causing hydrolysis of nucleic acids (Fr) 24903

zinc acetate on human & rabbit erythrocytes, protective eff. against osmotic hemolysis 16697

***in blood***

in cholesterol & fatty acid synthesis by blood cells in vitro 14617

in cholesterol synthesis in animal blood in vitro 31462

***injurious effects***

ammonium mercaptoacetate-containing cold wave prep. (Ger) 22989

ammonium mercaptoacetate in permanent wave solution causing dermatitis (Ger) 22949

vinegar essence causing esophageal caustic burns in small child. (Ger) 38926

***metabolism***

acetate-1-C14 incorporation into cholesterol by human intracranial tumors in vitro 41184

acetolactate intermediate in valine biosynthesis in E. coli, enzyme mechanisms 26258

conversion to β-estradiol in dog ovary slices after admin. of FSH, failure to demonstrate biosynthesis 28247

eff. of 6-ethyl-8-mercaptooctanoic acid & thioctic acid analogues on acetate generation or transfer in bact. enzyme systems 40453

incorporation into cholesterol & fatty acids in liver of hypophysectomized rats, eff. of total-body x-irradiation (It) 52105

oxidation & incorporation into glycogen & fatty acids in rat liver, eff. of salicylates 40558

utilization by liver & fatty tissue of castrated & sex hormone-treated rats 14618

utilization by Penicillium digitatum, pathway 2561

## ACETAZOLAMIDE

kidney funct. tests in chronic renal dis. (Tur) 45441

kidney funct. tests technic & diag. value (Sp) 53920

### effects

comparison of mechanism of action of acetazolamide & 6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-(2H)-dioxide with meralluride 50706

inhib. of carbonic anhydrase, eff. on tissue gas tensions in rat 20757

on aqueous humor, failure to demonstrate change in tonicity 35386

on aqueous humor protein content in rabbits (Ger) 45953

on bile secretion by rat liver (Fr) 54903

on blood bicarbonate & electrolyte balance, relation to intraocular pressure 37603

on blood phosphatases in congestive heart failure & liver cirrhosis (Sp) 38528

on blood vessels of dogs & frogs, isolated perfused 4202

on carbon dioxide elimination from lung in dog under constant ventilation (Fr) 53985

on hearts isolated from frogs & on isolated auricles isolated from dogs & rabbits 36571

on kidney in nephritis in rats (Ger) 23593

on kidneys in rats, alteration of response by synthetic adrenal corticoids 12506

on musc. composition & renal electrolyte excretion in electrolyte-depleted rats receiving sodium, potassium & chloride supplements 12544

on thyroid metab. & blood protein bound iodine in rats 46924

on thyroid radioiodine 16837

on thyroid radioiodine uptake 16837

on urinary amino acid excretion in child. (Ger) 46150

on urinary water, potassium & sodium excretion in rats, with synthetic oxytocin (Ger) 15675

on ventric. tachycardia after exper. myocardial infarct in dogs 40079

pharmacol. & clin. eff. (Ger) 35590

### injurious effects

hepatic coma in ther. of ascitic liver cirrhosis (Ger) 21615

renal colic & anuria 26130

renal colic during ther. of various cond. 40285

### preparation of

synthesis from 5-amino-1,3,4-thiadiazole-2-thiol, method (Ger) 43593

### related compounds

acetazolamide & 6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1(2H)-dioxide in ascitic liver cirrhosis, alone & combined 43146

5-acetylimino-4-methyl-Δ2-1,3,4-thiadiazoline-2-sulfonamide, anticonvulsant eff. & comparison with diphenylhydantoin in mice & rats 17935

5-acetylimino-4-methyl-Δ3-1,3,4-thiadiazoline-2-sulfonamide, eff. on intraocular pressure, comparison with acetazolamide in animals & man 14105

6-chloro-3,4-dihydro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1(2H)-dioxide 54850

6-chloro-3,4-dihydro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1(2H)-dioxide, pharmacol. 35645

54536

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide 16852

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide (Ser) 9949

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide causing agranulocytosis & thrombopenia in ther. of congestive heart failure 26112

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide causing dermatitis, case reports 11567

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide causing hyperuricemia & gout-like sympt. 28167

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide causing jaundice 7430

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, causing photodermatitis (Dan) 22417

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, chem. (R) 13915

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, chem. & pharmacol. properties & ther. use, review (It) 2981

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, clin. evaluation 27057

29303

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, clin. evaluation (It) 8576

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, comparative pharmacodynamics & ther. indic. (Fr) 42018

6-chloro-7-sulfamyl-1,2,4-benzothiadiazine-1,1-dioxide, determ. by ultraviolet spectrophotometry (It) 1847

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, diuretic eff. 6744

13176

42963

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, diuretic eff. (Nor) 22248

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide diuretic eff. (Sp) 8189

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, diuretic eff., review (Sp) 8818

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, eff. (Dan) 45512

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, eff. on acute oliguria in exper. burns in dogs 13451

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, eff. on patients using reserpine (Fin) 27303

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, eff. on renal electrolytes (Dan) 22411

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, eff. on renal funct. in man 44897

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, evaluation (Fr) 54599

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide in congestive heart & hypertension, blood level determ. 9263

6-chloro-7-sulfomoyl-1,2,4-benzothiadiazine-1,1-dioxide inducing severe increase of blood ammonia level in ther. of liver cirrhosis 4450

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide induction of impending hepatic coma in cirrhotic patients, prev. by antibiotics 43130

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, mechanisms of action (Sp) 15484

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, oral admin. (Dan) 22410

22412

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, pharmacodynamics of diuretic action, comparison with other carbonic anhydrase inhibitors 18649

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide pharmacol. (It) 52933

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, pharmacol. (Sp) 8836

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, pharmacol. & ther. use (It) 9278

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, pharmacol., mechanism of action & clin. aspects (Ger) 35590

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide potentiation of ganglion blocking agents in hypertension 13185

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, prev. of premenstrual acne 11566

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, ther. of arrhythmia 13177

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, ther. of cardiac insuff. & liver cirrhosis, diuretic eff. (It) 8575

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide ther. of congestive heart failure
10260 21613 21825 45039

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, ther. of congestive heart failure (Dut) 15797

52505

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide ther. of congestive heart failure (Ger) 21607

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide ther. of congestive heart failure (Sp) 13550

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide ther. of congestive heart failure & hypertension 38010

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide ther. of congestive heart failure mechanisms of action
10260 21613 21825 45039

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide ther. of edema
7504 13180 21192 45042

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, ther. of edema (Dut) 52504

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, ther. of edema (Ger) 55374

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide ther. of edema (Sp) 21174

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide ther. of edema, comparison with mersalyl 13183

17550

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide ther. of edema in pregn. 626

52654

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide ther. of edema of various dis., with prednisone (It) 39321

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, ther. of hypertension
1271 4502 7646 13186
17552 17641 24984 27822

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, ther. of hypertension (Nor) 54950

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide ther. of hypertension & eff. in normotensive subjects 13184

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide ther. of hypertension, with mecamylamine 29304

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide ther. of hypertension, with Rauwolfia & mecamylamine 27517

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide ther. of hypertension, with reserpine 35706

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, ther. of in pregn. toxemias 5364

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide ther. of kidney dis. 13181

6-chloro-7- sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide ther. of liver cirrhosis (Fr) 36623

45041

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide ther. of liver dis. 13182

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, ther. of nephrosis, with antibiotics & adrenal cortex hormones 20545

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, ther. of pregn. toxemias & premenstrual tension (It) 6860

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, ther. of resp. dis. (Dan) 22413

6-chloro-7-sulfamoyl-1,2,4-benzothidiazine-1,1-dioxide, ther. use 7838

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, ther. use & metab. (Fr) 43842

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, ther. use & side eff. 24429

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1(2H)-dioxide 43150

6-chloro-7-sulfamoyl-1,2,4-benzothiadizine-1,1-(2H)-dioxide & its dihydro analogue, diuretic potency in humans 49338

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1(2H)-dioxide causing purpura, case reports 40269

6-chloro-3,4-dihydro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-(2H)-dioxide, diuretic eff. 49343

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1(2H)-dioxide, diuretic eff. in congestive heart failure 40286

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1(2H)-dioxide, eff. on gastric acidity, comparison with acetazolamide in rats (R) 37498

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1(2H)-dioxide, localization of site of action, determ. by stop-flow analysis 51070

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1(2H)-dioxide ther. of congestive heart failure (Sp) 53361

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1(2H)-dioxide, ther. of edema in gyn. dis. & pregn. 41156

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1(2H)-dioxide ther. of edema in pregn. & pregn. toxemias 40279

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-(2H)-dioxide, ther. of edema in pregn., pregn. toxemia & premenstrual edema (It) 44840

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1(2H)-dioxide, ther. of hypertension 40285

45043

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1(2H)-dioxide ther. of hypertension 51342

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1(2H)-dioxide, ther. of hypertension (Ger) 54330

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1(2H)-dioxide ther. of preeclampsia 40260

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1(2H)-dioxide, ther. of premenstrual tension 40267

3,4-dichloro-5-sulfamoyl-phenylsulfonamide, eff. on intraocular pressure in normal & glaucomatous eyes 90

3,4-dichloro-5-sulfamoyl-phenylsulfonamide, evaluation as ocular hypotensive agent in rabbits 24411

3,4,-dichloro-5-sulfamoyl-phenyl-sulfonamide, ther. of resp. acidosis 24436

3,4-dihydro-6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1,dioxide, ther. use, saluretic eff. 42047

3,4-dihydro-7-sulfamoyl-6-trifluoromethyl-1,2,4-benzothiadiazine-1,1 (2H) dioxide & 6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, ther. of edema in pregn. (Dan) 45517

3,4-dihydro-7-sulfamoyl-6-trifluoromethyl-1,2,4-benzothiadiazine-1,1 (2H) dioxide, comparison with 6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide (Dan) 45516

3,4-dihydro-7-sulfamoyl-6-trifluoromethyl-1,2,4-benzothiadiazine-1,1 (2H) dioxide, pharmacol. (Dan) 45515

ethoxzolamide, tox. & diuretic action in rats & rabbits (Fr) 54890

ther. of nephrotic synd., with adrenal cortex hormones 54509

***therapeutic use***

anemia, sickle cell (Fr) 14454

congestive heart failure (Rus) 41665

congestive heart failure in psychoses in aged (Ger) 22745

edema of pregn. (It) 29618

epilepsy 41855

epilepsy (Fr) 32004

53397

epilepsy (Sp) 8717

eye dis. 20126

glaucoma (Ger) 28892

glaucoma (Rus) 33512

glaucoma, comparison with chlorothiazide, dichlorphenamide & sulocarbilate as carbonic anhydrase inhibitors 47065

glaucoma, premedication (Rus) 22547

Ménière's dis. 41060

Ménière's dis. (Dut) 23901

Ménière's dis. (Fr) 1019

nutritional edema in inf. & child. (Fr) 14444

pregn. toxemias, prev. 10265

prev. of crystalluria due to sulfonamides 234

pulm. heart dis., decompensated (Sp) 8804

## ACETIC ACID

***see also*** **ACETATES**

***see also*** **TRICHLORACETIC ACID**

***metabolism***

aortas & livers from human fetuses, isotope study (It) 37454

eff. of radioisotope tracer concentration in various metab. systems 13406

form. from benzene ring of tryptophan in rats 37107

incorporation into β-carotene in illuminated etiolated maize seedlings 37063

incorporation into various lipids in regenerating rat liver & transplanted tumor during mitosis 40534

lactic acid bact., acetic acid-lactic acid ratio, eff. of sugar concentration of medium 1302

liver, biochem. mechanisms of depressed acetate oxidation in fasted, cold-exposed rats 40569

liver, form., quantitative determ. of participating enzyme system in bovine liver & mechanism (Ger) 25879

nerves, peripheral, incorporation into cholesterol & phospholipids in wallerian degen. of cat nerves in vitro 41207

Saccharomyces aceti, synthesis from ethyl alcohol 19582

***related compounds***

acetamide interaction with bovine serum albumin in presence of bromophenol blue 49297

bromoacetic & chloroacetic acids & their esters, insecticidal properties & mechanism of action (It) 31714

cytostatic eff. of deriv. with high enzymatic oxidation-reduction capacity (It) 38548

2,3-, 2,6-dichloro & 2,3,6-trichloro deriv. of phenoxyacetic acids, herbicidal activity 19644

dichloroacetic acid in ther. of verruca, with salicylic acid 4581

N,N-diisopropyl-2,2-dichloroacetamide as molecule responsible for certain pharmacol. eff. attributed to vitamin B15 (It) 37497

N,N-diisopropyl-dichloroacetamide in skin dis., clin. evaluation of vitamin B15-like eff. (It) 20973

glycollic acid synthesis in tobacco leaves in vitro, role of glycollic acid oxidase 40480

glycollic & glyoxylic acids, biosynthesis & metab. fate in plants, review (Ger) 53100

glyoxylic acid in urine, determ. in schizophrenia & other psychoses 41200

N-(β-hydroxyethyl)-N-(p-[4'-nitrophenoxy]benzyl)-dichloroacetamide in intestinal amebiasis 16309

N-(3-isopropylaminopropyl)-2,2-diphenylacetamide, prev. of arrhythmia during hypothermia in dog 36342

mercaptoacetic acid determ., application of technic to other sulfhydryl cpds. 5761

mercaptoacetic acid, eff. on phagocytosis of bact. in vitro 54387

mercaptoacetic acid reaction with cystine leading to form. of asymmetric disulfide containing half-cystine 26964

mercaptoacetic acid reaction with cystine leading to mercaptolysis of cystine, kinetics 26963

***therapeutic use***

ringworm of foot (Rus) 45652

## ACETOACETIC ACID

condensation with glucose & role in synthesis of vitamin C in mung beans 31466

diaphragm & skeletal musc. uptake in diabetic & control rats 40531

liver, form. in ethyl alcohol oxidation in normal & glycogen-deficient intact rat liver (Ger) 49894

liver homogenates of normal & alloxanized rats, eff. of nicotinamide 52416

liver of alloxan diabetic rats in vitro, eff. of nicotinamide, colorimetry (Tur) 45436

liver of alloxan diabetic rats in vitro, eff. of nicotinamide, determ. by distillation method (Tur) 45435

mammary gland, form. in homogenates from guinea pigs 25865

sulfonated monoazo deriv. of acetylacetamidoarylides & 3-aminodibenzofuran, biochem. mechanism of tubocurarine antag. (It) 14000

## ACETOBACTER

aceti, isolation of strain giving positive cellulose reaction 7141

estunense nov. spec. 25150

flagellation & taxonomy, relation to Acetomonas 25152

gluconicum growth on factor from yeast autolysate, isolation & properties of factor 2560

suboxydans degradation of gluconate & glucose into carbon dioxide in vitro 40479

suboxydans growth & oxidation of aldoses, related carboxylic acids & aldehydes 1651

suboxydans oxidation of radiocarbon-labeled mannitol, determ. of isotope eff. 9563

suboxydans, specificity of oxidation of various cyclic alcohols 47718

xylinum, fructose-6-phosphate phosphoketolase, catalysis of cleavage of fructose-6-phosphate in vitro 40477

## ACETONE

catabolic routes in normal, fasting & diabetic rats 40535

eff. on elimination of intravenously administered methyl alcohol from blood of rabbits 24814

1-hydroxyimino-acetone, eff. on isopropyl methylfluorophosphate pois. in guinea pigs (Fr) 48876

***ACETONE BODIES*** ***see*** **KETONE BODIES**

## ACETOPHENETIDIN

addiction causing hemolytic anemia (Ger) 21650

21651

addiction hazards (Ger) 54351

causing chronic interstitial nephritis (Fr) 41933

causing sulfhemoglobinemia, case report (Pol) 30727

chronic interstitial nephritis caused by misuse (Ger) 39886

eff. on erythrocyte life span & on organ histol. in dogs & rabbits (Ger) 54331

harmlessness of moderate use (Ger) 52196

with acetylsalicylic acid, caffeine & meperidine, analgesic eff. 30937

## ACETYLCHOLINE

***see also*** **SUCCINYLCHOLINE**

acetylcholine-like substances, differentiation from histamine-like substances by tests on isolated mouse intestine 36566

dos.-action curve, deviations 13458

***antagonists***

curare (It) 37461

hemicholiniums, cholinergic funct. 12979

hemicholinium inducing myasthenic like neuromusc. transm. in cat musc. 52298

structure & pharmacol. of new cholinolytic drugs (Rus) 33171

***determination***

colorimetric method using hydroxylamine, technic & applications (Fr) 1064

Schönemann colorimetric reaction, application to demonstration of acetylcholinesterase activity 16704

use of morphinized-eserinized leech musc. 7156

***effects***

cardiac arrest induction in open heart surg. in hypothermia by inject. of acetylcholine & adenylic acid mixtures in coronary arteries of dogs (Ger) 45568

interoceptive responses, eff. of chlortetracycline (Cz) 26517

on arteriovenous anastomoses, review (It) 46638

on atrioventric. node 48721

on AV node action potential in dog 22254

on blood iron metab. in child. as demonstration of regulation by autonomic NS (Sp) 21222

on blood pressure in rats, bioassay method 41297

on blood vessels, eff. of amodiaquin in animals 4182

on brain microsome exchange of phosphate in phosphatidic acid in guinea pig 16900

on bronchi, in pulm. tuberc. (Fr) 32059

on cerebrocortical exchange of inositol & phosphate in phosphoinositide in guinea pig cortex slices 16899

on coronary blood circ. (Sw) 43219

on coronary circ., comparison with other vasomotor drugs (Pol) 24059

on heart action potential of auric. & sinus fibers in dogs & rabbits (Ger) 30512

on heart auricle of rats, dogs, cats & guinea pigs pretreated with sparteine & quinidine (Ger) 23614

on heart, isolated in frog, eff. of cold on reactivity (Cz) 30220

on heart, nicotine antag. in isolated frog heart 12491

on heart, stimulation of isolated rabbit auric. 14131

on heart, ventric. suction in turtle 48732

on idioventric. pacemaker of isolated perfused rabbit heart 48230

on ileum response to histamine in guinea pig 9781

on intestinal blood flow & motor reactions 741

on involuntary musculature, mechanisms of dual activity of stimulation & inhib. of isolated rabbit small intestine 16295

on labor in difficult cases (Fr) 32937

on lungs in asthmatics, diag. value of aerosol sensitivity (Fr) 4261

on mesentery, reflex response mechanism 17931

on motor end-plates, desensitization 313

on motor end-plate, interaction with musc. relaxants 23536

on musc., eff. of hydroxydione succinate (It) 37459

on nerve endings of peripheral vessels, response to serotonin (Ger) 23613

on pulm. & systemic circ. mitral dis. patients after inject. into pulm. artery 48140

on rectus abdominis musc., action of pyridine-2-aldoxime methiodide on isopropyl methylfluorophosphate potentiation of response in frog 14129

on rectus abdominis musc., eff. of pyridine aldoximes on response in frog 14128

on saliva secretion in denervated parotid gland of monkey 16327

on splenic intermediate circ. in mouse 13006

on taenia coli activity in guinea pigs 5795

on taenia coli activity in guinea pigs, influence of 2,4-dinitrophenol 5797

on thyroid spontaneous electrical activity (It) 36743

on uterine strip spontaneous motility in vitro 50978

on uterus 5561

on vaginal epithelium, cytol. (Sp) 22266

on vasomotor activity in hindlimb perfusion prep. of Japanese toad 55434

pharmacol. action on animals, influence of Rauwolfia alkaloids (Fr) 7762

potentiation by cocaine 44980

***in blood***

eff. of content on potassium exchange in isolated dog heart 12565

***in cerebrospinal fluid***

in migraine, etiol. mechanism & application 46441

***metabolism***

brain & heart, decrease induced by anticonvulsants in rat 36581

brain, decrease induced by anticonvulsants in rat dose-response curve 36582

brain, eff. of ammonium ion pois. on biosynthesis in rat, similarity to hepatic coma 17599

brain level, relation to rate of compulsive circling in rabbits 5477

cerebral cortex of dogs predisposed & not predisposed to reflex epilepsy, in vitro study (It) 36773

cerebral cortex tissue from epilepsy-predisposed dogs, eff. of asparagine & glutamine (It) 1902

cerebral cortex tissue from normal & from epilepsy-predisposed dogs (It) 1901

in cockroaches treated with DDT & tetraethyl pyrophosphate 48466

in different segments of rat intestine, relation to inhib. eff. of arterenol & epinephrine 4203

myocardial homogenates from frogs & turtles 14991

output by isolated guinea pig ileum, eff. of inhibitors of choline acetylation & anticholinesterase drugs 48237

placenta, in man & animals (Rus) 25762

right & left auric. content in rabbits & rats (Ger) 43014

***physiology***

amplitude & speed of fastest acetylcholine potentials in myoneural junction 19529

form., storage & release at nerve endings 48474

***related compounds***

2-acetoxyethyl-dimethyl-dodecyl-ammonium iodide eff. on sensitive membranes of nodes of Ranvier (Ger) 27852

acetylthiocholine, butyrylthiocholine & propionylcholine, enzymic hydrolysis in frog rectus abdominis musc. (Fr) 15669

bromide of methylacetylcholine papaverine & acetylcholine manganachloride ther. of dysmenorrhea (Fr) 26218

***therapeutic use***

diabetes mellitus, retard prep. as adjuvant in carbutamide & tolbutamide ther. (Sp) 31843

in systematic arteriography of coronary arteries (Fr) 37768

peripheral arterial dis., intra-arterial admin. (It) 48751

peripheral vasc. dis., intra-arterial admin. in prolonged ambulant ther. (Ger) 15356

schizophrenia, value (It) 42605

***ACETYLCHOLINESTERASE see*** **CHOLINESTERASE**

**ACETYLENE**

acetylenedicarboxylic acid enzymic conversion to pyruvic acid in Pseudomonas 4772

alkynyl-substituted pyrazolidines, prep. of (Ger) 13362

fatal phosphine pois. in acetylene generator operator 23382

**ACETYLSALICYLIC ACID**

comparison of buffered & non-buffered acetylsalicylic acid 8134, 48324

enteric compression coated tablets 40357

potentiation by diphenhydramine, determ. by Deneau test (Fr) 12992

***effects***

calorigenic eff. in euthyroid & myxedematous patients 15048

on glucose uptake by isolated rat diaphragm, review 7568

***injurious effects***

gastroduodenal ulcers & gastrointestinal hemorrh. (Fr) 53396

stomach hemorrh. during ther. of rheum. arthritis, diag. by occult blood in feces 14247

***poisoning***

in child (Fin) 49209

in child. (Nor) 10367

in child., mechanism & management of acute pois. 31597

in child., prev. 26424

ther., hemodialysis, case report 587

***therapeutic use***

diabetes mellitus, comparison of metab. eff. with 2, 4-dinitrophenol 2210

headache, value of replacement of acetylsalicylic acid by salicylamide in combined admin. with acetophenetidin & caffein 33436

influenza, comparison with tetracycline & vitamin P with vitamin C 1283

rheum. arthritis 35219, 41786

rheum. arthritis (Sp) 8192

rheum. fever, alone & with cortisone & prednisone (Sp) 1556

rheum. fever, alone & with penicillin 33088

rheum. fever, with penicillin & adrenal cortex hormones 29260

rheum. fever, with penicillin & adrenal cortex hormones (It) 8356

with dextro propoxyphene in acute & chronic pain 16563

***ACHILLES TENDON see*** **HEEL**

**ACHONDROPLASIA**

***see also*** **DWARFISM**

dysplasia epiphysialis multiplex (Dut) 52473

familial canine 51035

pelvis & lumbosacral spine, x-ray 821

survival of inf. of achondroplastic mother & father, case report 6470

with wedged vertebra (Pol) 38474

***ACHORION see*** **TRICHOPHYTON**

**ACHROMOBACTER**

hydroxyproline, eff. of increasing ketoproline concentrations 44974

**ACID-BASE EQUILIBRIUM**

***see also*** **ACIDOSIS**

***see also*** **ALKALOSIS**

***see also*** **BODY FLUID BALANCE**

***see also*** **HYDROGEN-ION CONCENTRATION**

7279

acid-base relations between CSF & arterial blood in reference to control of resp. 16820

alkaline reserve in alarm reaction induced by electric stimulation of central portion of sciatic nerve in rabbits (Fr) 26764

blood alkaline reserve, determ. (Dan) 10654

blood alkaline reserve in rabbits, comparative eff. of glutathione & α-lipoic acid (Fr) 38647

blood pH & carbon dioxide pressure in rats after exposure to high oxygen pressure 5795

buffer capacity of blood, maintenance with polypeptides & casein hydrolysate in rabbits 24825

changes in dogs with & without extracorporeal circ. 38001

definition & biochem., review 54775

disord. in inf. & child. (Sp) 44552

disord. in surg. patients, etiol. & ther. (Por) 44439

eff. of blood pH on cellular-extracellular exchanges of phenobarbital in nephrectomized dogs (Fr) 38729

eff. of exercise (Fr) 38755

hydrogen balance disord., determ. of urine acidity & ammonium excretion, review (Ger) 41729

in aged, correlation with carbon dioxide absorp. (It) 6910

in hypothermia (Dut) 43029

protection of living cells against acid by non-ionic & amphoteric soaps 7147

***ACIDITY see*** **ACID-BASE EQUILIBRIUM**

***ACIDITY see*** **HYDROGEN-ION CONCENTRATION**

**ACIDOSIS**

***see also*** **ACID-BASE EQUILIBRIUM**

blood & urine levels of ultrafilterable calcium in man (Ger) 39896

bone mineral & water content 40683

bovine ketosis, ther., prednisolone trimethylacetate 4637

diag. & ther. (Por) 53859

EEG in chronic neurogenic resp. acidosis 27331

eff. of citrate & oxalacetate, review 20024

hyperchloremic renal acidosis in Albright's synd. in child (Fr) 54448

hyperchloremic renal, with familial nephrocalcinosis, albescent retinitis & hypocalciuria in child. (Fr) 54449

hyperchloremic, with tubular impairment of hydrogen ion excretion in recur. kidney calculi 12337

idiopathic renal acidosis of inf. with normal urine acidification & ammonia prod. in child. as controls 36537

in acute postop. period 18135

in burns in child. (Pol) 53180

in child., review 52994

in chronic renal dis., mechanism 50454

in extracorporeal circ. with total cardiopulm. bypass in dogs 1220

in rat fetus 20767

in ruminants, classif. as defic. or metab. dis. 28191

in salicylate pois. in child. 48785

induction in alligators by epinephrine admin. 31459

liver glycogen levels 7164

nutritional (It) 36804

nutritional, eff. on growth rate and protein metab. in rats (Ger) 18339

nutritional ketosis in healthy young men, eff. of environment & other factors 20911

postacidotic compl. of diarrhea, review 53006

post-exercise Courtice-Douglas ketosis, eff. of temperature & water balance 20912

renal (It) 44170

renal tubular acidosis causing osteomalacia with multiple spontaneous fract. 38402

renal tubular acidosis, pathogen. mechanisms 12329

resp. acidosis, eff. of cropropamide-crotethamide prep. (Fr) 39884

resp. acidosis in pulm. heart dis., review 53579

resp., 3,4-dichloro-5-sulfamoylphenylsulfonamide ther. 24436

resp., illustrated film review 28156

resp., pathogen. & prev. in anesth. (Fr) 9080

resp., pathophysiol. in dogs (Ger) 29082

resp., with hypochloremia 40682

response of extracellular space & blood in nephrectomized cats 35814

ther. (Fr) 15194

urinary ketone bodies determ. (Sp) 6111

***ACIDOSIS, DIABETIC see*** **DIABETES MELLITUS**

**ACIDS**

***see also*** **AMINO ACIDS**

***see also*** **FATTY ACIDS**

***see also*** **KETONE ACIDS**

***see also*** **NUCLEIC ACIDS**

***see also*** **SULFONIC ACIDS**

complex form. of poly-acids with molybdenum blue, stability (Ger) 1320

1, 4-dicaffeyl-quinic acid, pharmacol. (It) 13921

naturally occurring lipid-soluble acids of pharmacol. interest, review 20320

organic acids, permeability of erythrocytes to isotonic solutions of various salts of organic acids, determ. by hemolytic method 16698

***determination***

acid substances in normal skin, demonstration by Alcian blue 5223

aristolochic acid isolation & purification from Aristolochia clematitis (Ger) 43011

1, 4-dicaffeylquinic acid from artichoke leaves, isolation & pharmacol. properties 36560

gaseous acid estimation in homes 26061

organic acid composition of healthy & of virus-infected tobacco plants 10849

organic acids in chlorotic leaves 13735

organic acids in grape juice & in wine, comparison (Fr) 48789A

organic acids in Monilia albicans culture, chromatography (Fr) 26829

organic acids in tubers & leaves of Aconitum napellus (Fr) 36191

shikimic acid, paper chromatography for purification of uniformly radiocarbon-labeled shikimic acid from culture filtrates of E. coli mutants 48455

***effects***

acid diet with estrogen load inducing cancer in mouse (Fr) 38675

adipic acid on alkaloid synthesis by Datura stramonium 50258

aristolochic acid inducing selective necrosis of renal tubules of first order in rabbits (Ger) 43010

aromatic & heterocyclic acids, hypoglycemic eff. in rabbits (Fr) 48802

asiatic acid glycoside, on cicatrization of exper. corneal wds., comparison with corneal extract (Fr) 40872

asiatic acid glycoside, on plant germination & growth (Fr) 40873

asiatic acid glycoside on vaginal keratinization of castrated rats & on survival & resist. to cold of adrenalectomized rats (Fr) 40874

caffeic acid & ferulic acid on differential leukocyte count in guinea pigs 36578

di- & tricarboxylic acids on coagulation of human blood in vitro 31344

1, 4-dicaffeyl-quinic acid, on biliary funct. (It) 29599

humic acid, on Clostridium pasteurianum (Rus) 33157

lactones, anthelmintic eff. 16720

lactones, steroid & non-steroid, on funct. & potassium exchange in isolated perfused guinea pig ventricle 51074

organic acid deriv. on embryonic determ. in echinoderms, relation to chem. structure (Fr) 25441

organic acid increase of tobacco mosaic virus prod., mechanism 45840

***in blood***

aromatic hydroxy acids, ether-soluble, in kidney dis., mechanism of their renal excretion (It) 29701

***in urine***

short-chain dicarboxylic acids, separation by paper chromatography (Ger) 27891

***injurious effects***

esophageal & gastric stenosis in attempted homicide, management (Por) 21074

***metabolism***

aromatic acid detoxication in reptiles by conjugation reactions 1641

humic acids, utilization by soil microorganisms (Ger) 25310

Micrococcus rubens oxidation of organic acids (Ger) 25320

organic acids as only source of carbon for mold Botryotinia fuckeliana responsible for sweet rot in grapes 23774

organic acid biosynthesis during fermentation in Aspergillus niger 49291

organic acid in cactus, Nopalea cochinellifera 49364

organic acids in cultures of excised tobacco leaves, eff. of potassium phosphate 40481

organic acids in semen of various mammalian species, determ. (Fr) 37846

phenolic acids in cacao, chromatographic identification & separation from flavonoids 13709

prod. & absorp. of organic acids by perfused goat rumen 44071

quinic acid oxidation by bact. & fungi, aromatic intermediates 17308

stipitatic acid synthesis in Penicillium stipitatum 13784

time course of acid prod. in fertilization of sea urchin eggs 27400

transcinnamic acid incorporation into flavones in cherry tree in Prunus avium (Fr) 26323

volatile organic acid form. by microorganisms in methane tanks (Rus) 19128

***therapeutic use***

asiatic acid glycosides & rhamnosides from Centella madagascariensis in leg ulcers (Fr) 53394

benzyl cinnamate solution in cerebrovasc. accid., with vitamin A 39790

caffeic acid prep. in abscesses, wds. & oral infect. (Ger) 4062

perchloric acid in hyperthyroidism, eff. on iodine uptake of thyroid gland, radioiodine test (Ger) 19399

perchloric acid in thyroid dis. (Ger) 18955

plantar verruca, capillary tube applicator technic 50273

***toxicity***

red fuming nitric acid-hydrofluoric acid vapor mixture, acute tox. in rats & mice 33

## ACNE

clin. manifest. & ther. (Ger) 6692

eff. of hormones, review 26432

vulgaris, incidence 7449

***case reports***

acne urticata polycythemica 9

conglobata (Por) 39468

***etiology and pathogenesis***

body fluid balance disord. (Ger) 22814

new theory 7465

phenylbutazone causing acne necrotica 37742

2, 4, 5-trichlorophenol causing chloric acne (Fr) 47771

***prevention and control***

6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide in premenstrual acne 11566

***surgery***

dermo-abrasion of scars, Kurtin's method (It) 29594

***therapy***

3666

6959

27511

(Ger) 49089

acnaveen 20516

charcoal tablets 6530

cosmetic results (Ger) 42316

46135

diethylstilbestrol, causing hemolytic anemia in patient of palm. tuberc. with liver dis. 22329

hesperidin with vitamin C 43332

4-hydroxy-2-oxybenzoxathiol (Ger) 29492

39085

4-hydroxy-2-oxo-benzoxathiole in acne vulgaris, local admin. (Ger) 32974

17α-hydroxyprogesterone caproate in women 28436

## *ACNE ROSACEA see* ROSACEA

## ACONITUM

aconitine content & total alkaloid content in aconite, determ. (It) 37297

aconitine pois., case reports 2232

hypognavine, chem. structure (Ger) 14932

napellus, determ. of carbohydrates in leaves (Fr) 1066

napellus, organic acid content in tubers & leaves (Fr) 36181

## ACRIDINES

acridine orange accumulation in vital exudate cells from suspected cancer patients (Ger) 49130

acridine orange, digitalis-like eff. on ECG of dog (It) 15249

acridine orange, form. of complexes with polynucleotides in inhib. & activation of polynucleotide phosphorylase 7127

acridine orange induction of metachromatic fluorescence in tissue cultures (Ger) 11280

acridine orange, variations in degree of purity & tox. of various brands (Ger) 34223

acridine orange vital staining of mouse ascites carcinoma (Ger) 55627

acriflavine causing necrosis of kidney tubules in rabbits, protective eff. of anesthetics & hydronephrosis 17890

acriflavine induction of resp. defic. in yeasts 15663

acriflavine resistant M. tuberc., variation from streptomycin dependence to nondependence 40206

N-(3-dimethylaminopropyl)-o-iminodibenzyl in depression (Ger) 43813

44209

lysis of Bacillus subtilis 39291

9-(3-octylaminopropylamino)-benz-[c]-acridine in amebiasis (It) 44368

proflavine induction of mutations in E. coli phages 19609

proflavine inhib. of antigen & infect. particle synthesis by fowl plague virus in tissue culture 22603

## *ACRIFLAVINE see* ACRIDINES

## ACROCEPHALY

acrocephalo-oligodactylism in wild chimpanzee 16789

congen. dent. & cranial anomalies in acrophalic ment. defectives, comparison with mongolian ment. defectives 26089

eye manifest. (Fr) 26370

in African child, with other abnorm., 1st case 14701

surg. (Ger) 34603

## ACRODERMATITIS

enteropathic (Ger) 15449

enteropathica, clin. aspects 38854

hands, in patient of neurovasc. changes in extremities (It) 29592

with cervical & lumbar spinal arthrosis & palmar keratosis, case report (Fr) 37687

with moniliasis & E. coli infect. (Sp) 346

## ACRODERMATITIS ATROPHICANS

(Fr) 41941

in So. African white subject 9807

with reticulum cell sarcoma, blood protein determ. (Ger) 39796

with scleroderma & epithelioma-tous degen. (Fr) 2403

with scleroderma en plaques (Fr) 2424

## ACRODYNIA

(Hun) 52915

correlation with age, occup. & sex & comparison with hyperthyroidism (Pol) 30858

EEG, clin. value (It) 20207

hypoproteinemia in 18-month old girl (Fr) 53022

in African child 39175

manifest., skin temperature, hyperhydrosis, skin color, EEG & ther. (It) 42767

## *ACROLEIN see* ALDEHYDES

## ACROMEGALY

***see also*** GIGANTISM

adrenocortical aspects, review (Fr) 25088

case in pregn. (Ser) 9963

pituitary tumor in patient with eunuchoidism & myotonia atrophica 30203

with Cushing synd., bitemporal hemianopsia & mixed basophil & eosinophil adenoma of pituitary (Sp) 8899

with diabetes mellitus (Sp) 44493

with gigantism of nose (Ger) 3953

with jejunal ulcers & hypersecretion of gastric juice, clin. pathol. conf. 36255

x-ray ther. 35125

x-ray ther. (Rus) 31159

## *ACROMIOCLAVICULAR JOINT see* SHOULDER

## *ACROMION see* SCAPULA

## ACRYLATES

autopolymerizing methacrylates, causing tissue changes, anatomopathol. & etiopathogen. (Ger) 33995

biphenylacrylic acid amino esters (It) 49408

bonding of acrylic resins to human dentin histol. of bond area 28102

comparison with silicate cement dent. use 40233

coxoplasty in tuberc. (Pol) 38461

cranioplasty, autopolymerizing acrylic implants, indic. (Fr) 13021

cranioplasty, technica 13022

α-cyano-β-(1-naphthyl)acrylic acid deriv., catalytic hydrogenation with failure of products to exhibit oxytocic activity 40384

dent. prosth. from incompletely polymerized paladon strips causing urticaria, salivary diag. test (Ger) 12179

fract. reduction (Sp) 53897

hazards in prod. by explosion of pressure containers (Ger) 46215

8-hydroxy-2-quinoline acrylic acid deriv. 40369

internal prostheses, damage & wear (Cz) 11845

masoten ther. of epilepsy (Ger) 27018

methacrylate embedding & sectioning of calcified bone 21974

methacrylic acid ester embedding technic in histol. (Ger) 55610

methylmethacrylate in prep. of pathol. lung specimens (Hun) 22360

polybutyl- & polymethyl methacrylate preserv. of sections or whole human organs, technic (Pol) 7772

polymethacrylate urethral suspension in urinary incontinence in women (Ger) 55383

polymethylmethacrylate coating for stained slides of plant material 21977

polymethylmethacrylate damage by ionizing radiations, protective eff. of added substances 31605

polymethylmethacrylate for museum specimen containers, design 17711

polymethylmethacrylate implants in rabbits, tissue tolerance (Ger) 55664

polymethyl methacrylate powder for revascularization in cardiopericardiopexy (Hun) 19591

senecioate (β, β-dimethylacrylate) condensation of aldehyde in synthesis of vitamin A 18161

## *ACRYLIC RESINS see* ACRYLATES

## ACTH

(Sp) 27235

amino acid sequence of bovine ACTH (It) 3550

chem., review (It) 49417

comparison of official ACTH standards with activity of rat anterior pituitary extract 44094

destruction by human blood plasma in vitro 50451

in Staub-Traugott test for diabetes mellitus (Por) 4356

intramusc. admin. in diag. of adrenal cortex insuff. 11968

mechanism of action, side eff. & ther. indic. (Ger) 47682

review (Rus) 41648

stimulation test in Addison's dis., diag. value 29293

***administration***

ACTH-zinc in ambulatory cases 29321

***determination***

assay by transplantable adrenocortical tumor slices, application to assay of adrenotropic pituitary tumors 48571

assay of minute amounts by eff. on adrenal venous vitamin C 39199

assay of rat ACTH, comparison of in vitro & in vivo methods 49277

bioassay of different prep., comparison & evaluation of methods 35130

corticotropin A assay by in vitro method 11904

corticotropin A assay by subcutaneous method 11093

corticotropin A assay by thymus involution method 11905

***effects***

adrenal phosphorylase activation 28273

catabolic eff. in rats, modification by high-potassium diet 49276

lipolytic action on rat fatty tissue in vitro 17065

on adrenal & testicular funct. 40666

on adrenal cholesterol & vitamin C response to hypothermia in rat (Fr) 36617

on adrenal cortex of hypophysioprivic & hypophysectomized rats, with arterenol, histochem. study (It) 36821

on adrenal electrogram after intravenous inject. in rat (Ger) 46589

on adrenal glands of guinea pigs & rats, comparison 50523

on adrenal glycogen (Fr) 26709

on adrenal radiophosphorus intake in hypophysectomized rats (It) 37439

on adrenal succinic dehydrogenase in rat 39198

on adrenal vitamin C & cholesterol levels in chicks 1639

on adrenals of subjects treated by cortisone alone or with testosterone (Fr) 48896

on basophil count in rabbits 35096

on blood & urine levels of free & conjugated 17-hydroxycorticosteroids (Ger) 197

on blood & urine phosphorus in normal & pathol. cond. (Sp) 8684

on blood cholinesterase 32251

on blood 17-hydroxycorticosteroids, free & conjugated, response in various clin. disord. 32250

on blood lipoproteins during ther. of nephrosis in child. (It) 29731

on blood PAS-positive substances in rats (It) 14022

on blood proteins & glycoproteins reactions to lethal x-irradiation in rats (It) 36813

on blood proteins in rats (It) 14021

on blood sugar, in rabbits (Sp) 21159

on body temperature & oxygen consumption reactions to triiodothyronine in hypophysectomized & thyroidectomized rats 24032

on brain extractive proteins in rats (It) 14023

on carbohydrate metab. in rat 39197

on cell multiplication in degenerating spinal tracts in rabbits 16055

on CNS, review 8344

on conditioned reflex extinction in dogs (Ger) 35371

on electric flicker values of eye, comparison of ACTH & its prehormone 22253

on eosinophil count in cattle, possible use as adrenal funct. test 12736

on erythropoiesis in rats, eff. of hypophysectomy (It) 11953

on exper. arteriosclerosis (Rus) 48005

on exper. benzene-induced blood disord. in rats (It) 25648

on exper. fract. in rabbits (It) 26596

on exper. granuloma (It) 7744

on exper. peritoneal alloplasty with nylon net in rabbit (It) 27638

on exper. posttraum. shock after lung inj. in rabbits (Rus) 51169

on exper. Pseudomonas aeruginosa bacteremia in rabbits (Hun) 28785

on exper. retractile mesenteritis, prev. eff. in rabbits (It) 29569

on exper. trichinosis in rats 24700

on exper. tumor growth in x-irradiated mice 53740

on female genitalia in rat, histol. & histochem. changes (It) 39358

on gastric secretion 526

on gastrointestinal mucosa 46929

on glucose tolerance & islet regen. in partially pancreatectomized rats with long term admin. of tolbutamide (Ger) 1602

on glucose tolerance test & relation to prediabetic state 3351

on hemoglobin synthesis in hypophysectomized rats (Ger) 33997

on hemopoietic system (Rus) 31154

on histamine secretion in rats (Fr) 24315

on iron turnover for hemoglobin form., comparison with other pituitary & thyroid hormones 32694

on liver coenzyme A in rats (It) 13961

on lung histiocytic activity, phagocytic mechanisms (It) 25656

on mesenteric vessels in pretreatment of guinea pigs & rats, eff. of histamine-liberator 48/80 & reserpine (Ger) 12190

on nitrogen metab. in exper. toxic hepatitis in rats (Rus) 13851

on skin homografts in rats 50522

on splenic lymphoreticular tissue in hypophysectomized rats, with epinephrine (It) 36820

on teeth subjected to mechanical movement in rabbit & guinea pig 4003

on thymus, potentiation of response by squalene admin. in rats 3420

on Triticum vulgare & Phaseolus vulgaris on germination of seeds & growth (Sp) 21151

on urinary estrogen excretion in ovariectomized women 17043

on urinary excretion of androgens in cancer of prostate 55030

on urinary excretion of 17-ketosteroids & 17-ketogenic steroids 35095

on urinary 17-ketosteroids in Cushing synd. (It) 3584

on urinary new mineralocorticoid, stimulation (Fr) 15083

systemic eff. of prolonged use 16101

***in blood***

eff. of ether, pentobarbital, epinephrine & pain 39200

eff. of pituitary ACTH response to stress in adrenalectomized rat 19496

eff. of stress in normal & adrenalectomized rats 46588

***injurious effects***

adrenal hyperresponsiveness resulting from prolonged ACTH ther. 50441

adrenal insuff. (Dut) 15801

allergic reactions (Fr) 9627

allergic reaction (Pol) 43667

diabetes mellitus in ACTH ther. of liver cirrhosis (Sp) 8187

hemorrhagic eff. with combined admin. of anticoagulants in rabbits & man 14662

infect. 19913

ment. disord., review (Rus) 46329

neuropsychiatric changes (Rus) 28804

reactivation of pulm. tuberc. 17857

side eff. in ther. of rheum. arthritis (Pol) 53158

***metabolism***

in mania & melancholia, biochem. (Fr) 21342

in nerv. tissue 6259

synthesis in isolated animal brain, eff. of lead (Ger) 6074

***physiology***

ACTH-releasing factor from posterior pituitary & hypothalamus, purification & amino acid content 13705

ACTH-releasing factor in blood of dogs shortly after hypophysectomy 35080

corticotropin releasing activity of pepsin labile factor in hypothalamus 20717

enhancement by protein hydrolysates & amino acids 47122

release during severe stress in rats treated with morphine & pentobarbital 35082

release from anterior pituitary stimulated by peptidic hormones from posterior pituitary 48472

release from pituitary independent of interstitial cell stimulating hormone release in rats 3417

secretion & eff. in exper. inflamm. in burns (Rus) 37170

secretion by pituitary gland, eff. of mepazine admin. 196

secretion by pituitary, relation to hypothalamus (Fr) 38680

secretion in rats, activation & inhib. mechanisms 49258

***therapeutic use***

adrenal atrophy induced by cortisone (Ger) 39891

adrenal cortical insuff. during prolonged prednisone ther. with zinc phosphate (Fr) 15210

alcoholic intoxication, clin. & exper. tests (Ger) 35600

aldosteronism in nephrotic synd. (Fr) 2300

asthenia & neurocirc. asthenia (Rus) 46315

asthma (Ger) 53306

asthma (Nor) 45423

asthma (Rus) 45138

asthma, eff. on blood sugar & proteins (Rus) 51218

asthma in child. (Sw) 45354

asthma, with prednisone (Ger) 22833

berylliosis, chronic 46409

berylliosis, chronic, eff. on resp. pathophysiol. 46403

berylliosis, eff. on pulm. funct. 46404

bronchopneumonia, with adrenal cortex hormones & antibiotics (Sp) 27206

cerebral hemorrh., intravenous drop infusion (Hun) 7703

collapse ther. with exudates (Ser) 51694

delirium tremens, cure (Fr) 46618

diffuse interstitial fibrosis of lungs, case report 15555

erythema nodosum in leprosy (Por) 13617

gyn. dis. & obst., indic., review (Ger) 15979

Hand-Schüller-Christian synd., report of case with disappearance of bone lesions 50435

hay fever, admin., intradermal (It) 30346

hemolytic anemia, idiopathic acquired with auto-antibodies (Fr) 2291

hyperthyroidism, statist. 2193

in surg. 54769

infect. dis., adjuvant (Sp) 3328

infect. dis. in child., indic. & limitations, review (It) 20212

infect. hepatitis in child. (Cz) 14847

inflamm. infiltrations in surg. dis. (Pol) 53147

intervertebral disk disloc. (Heb) 39785

jaundice, obstruct. 37676

leukemia, acute, with cortisone & chemother. (Por) 3704

leukemia & lymphoma, histopathol. eff. on spleen 20944

Loeffler's synd. in asthma, case report (Pol) 38107

meningeal tuberc. in adults (Fr) 50782

mental defic. with convulsions in child., with & without cortisone 43500

mumps orchitis 5354

nephrotic synd. (Rum) 6580

nephrotic synd. in child., alone or with cortisone & deriv. (Cz) 38317

nephrotic synd., with cortisone & testosterone (Fr) 39912

osteomalacia & tetany in duodenal stenosis (Fr) 45017

PAS hypersensitivity (Rus) 45156

pemphigus vulgaris & other bullous dermatitis, with cortisone, evaluation by Tzanck test (Hun) 37240

pemphigus, with cortisone (Hun) 37239

periarteritis nodosa, with cortisone (Ger) 46104

plasma cell myeloma, with urethane (Pol) 30760

pneumonia caused by chickenpox, ther. failure 39753

polio., paralytic, with cortisone deriv. (Sp) 9705

polyneuropathy, with cortisone & prednisone 2019

prev. of hypersensitivity to PAS in pulm. tuberc. patients 10535

pulm. tuberc. (Por) 21092

pulm. tuberc. (Ser) 10562

pulm. tuberc. (Sp) 15533

pulm. tuberc. adjuvant to PAS with vitamin C (Hun) 10585

pulm. tuberc., eff. of intermittent & continuous ther. on adrenal secretion (Fr) 21396

pulm. tuberc., with antibiotics (Fr) 32939

pulm. tuberc., with antibiotics, eff. on urinary steroid excretion (Fr) 32940

pulm. tuberc., with combined PAS-isoniazid-streptomycin perfusions (Fr) 43782

pulm. tuberc. with pleural effusion (Pol) 8067

pulm., tuberc., with viral hepatitis, eff. on blood transaminase (It) 9297

rheum. & rheum. arthritis, eff. on body fluid balance (Rus) 53457

rheum. arthritis, eff. on blood & bone marrow (Rus) 31153

rheum. fever, with salicylates (Sw) 45353

rheum. heart dis., successful ther. after failure with cortisone, case report (Fr) 44796

rheum., review 19868

sarcoidosis, case report with 4-year follow-up 9405

sarcoidosis of lungs 10544

schizophrenia, Fiamberti method (It) 8618

scleroderma, physiol. & histol. eff. (Sp) 8663

skin dis. (Heb) 37771

39778

skin dis., site & mechanism of action (Sp) 8687

steatorrhea, idiopathic 37688

thymic hypertrophy in child. (Sp) 12008

thyroiditis (Rus) 31162

trichinosis, alone & with cortisone (Rus) 45147

trichinosis with encephalopathy 24430

tuberc. (Bul) 32790

tuberc. (Fr) 26178

tuberc. (Ser) 22357

tuberc. peritonitis, with antibiotics (Cz) 36534

tuberc., with prednisone (Sp) 32443

ulcerative colitis 35670

48330

ulcerative colitis & regional ileitis, alone & with corticosteroids 50792

ulcerative colitis, review (Fr) 215

whooping cough, with antibiotics, review & case reports (Sp) 8809


***ACTIN*** **see** **MUSCLE PROTEINS**

## ACTINOBACILLUS


determ. of fermentative type of various strains, chromatography (Fr) 47390


## ACTINOMYCES

***see also*** **NOCARDIA**


actinophage, inactivation of antibiotics prod. by Actinomyces (Rus) 36387


***ACTINOMYCIN*** **see** **ANTIBIOTICS**


antag. eff. of various species on Azotobacter species (Rus) 19120

antibiotic prod., increase of productivity in surface cultivation (Rus) 19112

candicidin-prod. strains, classif. (Rus) 36386

in tonsils (Ger) 36438

inactivation of tobacco mosaic virus (Rus) 19108

israelii sensitivity to oleandomycin in vitro (Fr) 13040

odontolyticus n. sp., isolation from deep dent. caries 5659

phosphorus requirement for streptomycin synthesis (Rus) 19116

prod. of anticancer antibiotics, selection of strains (Rus) 36384

rimosus, luminescence (Rus) 51934

strains antag. to other microorganisms in soil (Rus) 36385

streptomycini, amino nitrogen content (Rus) 53303

streptomycini in nitrogen containing synthetic media (Rus) 36390

violaceus, amino acid content, chromatography (Rus) 51930

virulence, role of actinophage (Rus) 33170


## ACTINOMYCOSIS

***see also*** **NOCARDIA INFECTIONS**


cerebral abscess (Fr) 250

cervico-facial, pathogen. & clin. picture (Ger) 51050

cervicofacial actinomycosis after teeth extraction 41250

cervico-facial, post-traum., in farmer struck by splinter from tree trunk (It) 30330

cervico-facial ther. (Bul) 45288

differ. diag. cancer of lung (Fr) 28367

generalized, diag. & ther. (Rus) 51171

kidney (Rus) 45605

lungs, with metastasis into midbrain & Cushing synd. (Rus) 28031

mandible 6504

middle ear & mastoid process (Rus) 10776

ovary, with perf. into bladder 45578

pleural empyema, ther. (Ger) 3286

pleuropulm. 15547

pulm., antibiotic & sulfonamide ther. (Ger) 22203

tongue, antibiotic ther. & surg. (Pol) 30317

urogenital, ther. (Rus) 45611

*ACTOMYOSIN see* MUSCLE PROTEINS

ACUPUNCTURE

in NS dis. (Rus) 46321

in otorhinolaryngol. dis. (Rus) 55213

ACUTE RENAL FAILURE

(Dan) 10638

(Fr) 15223

diag. & hemodialysis ther. 53521

hemodynamics, physiopathol. & ther. 39724

lower nephron nephrosis (Bul) 28760

pathogen. & ther. 18746

pathogen. & ther., review (Ger) 51787

physiopathol. & ther. (Por) 51639

progn. in puerperium (Dan) 10628

relation to pathophysiol. & ther. of dehydration (Pol) 30780

*blood in*

amino acids, eff. of extracorporeal hemodialysis 38624

*case reports*

(Pol) 30726

with generalized abdom. pain, clin.-pathol. conf. 16668

*complications*

coma, symposium 30150

*diagnosis*

rapid intravenous fluid test (Dan) 10627

*etiology and pathogenesis*

(Fr) 15215

brain inj. & surg. 37648

cancer of breast with osteolytic metastases & hypercalcemia 15015

carbon tetrachloride pois. (Ger) 15412

crush synd. caused by electro-shock ther. 12595

heat stroke, atypical fatal cases 34841

massive trauma, management 48392

musc. necrosis in carbon monoxide-pois., fatal case 6133

occlusion of renal arteries causing paradoxical embolism & renal failure 12358

periureteric fibrosis, surg., ureterolysis with adjuvant hydrocortisone ther. 2148

prolonged internal hemorrh. after heparin overdosage (Ger) 51845

surg. shock, ther. (Ger) 19386

*experimental*

crush synd. in guinea pigs (Ger) 37020

*in pregnancy*

case reports (Dan) 10629

with afibrinogenemia & transitory myoglobinuria, case report 10327

with Clostridium perfringens septic toxemia in criminal abortion, ther., exchange transfusion (Sp) 30238

*surgery*

postraum., indic. & technics 11815

*therapy*

(Fr) 26966

acute & chronic renal failure 33391

artif. kidney, modified Kolff-Brigham type, funct. & metab. response of patients 37673

artif. kidney, value 2515

dialysis with twin-coil artif. kidneys 33389

17α-ethyl-4(5)-estren-17β-ol-3-one, ther. mechanisms as suppressor of protein catabolism 10444

exchange transfusion 14708

extracorporeal hemodialysis, postther. hypermetabolic state 43169

extracorporeal hemodialysis with artif. kidney 5575

fructose, indic. (Fr) 11892

glucose solutions of high concentration, caval infusion 41882

hemodialysis, technic, eff. & indic. (Dan) 10626

management 5417

19-nor-testosterone phenyl-propionate (Dan) 45505

nutrition, caloric intake 14541

peritoneal dialysis & new methods of intestinal perfusion 23393

review (Fr) 33422

ACUTE YELLOW ATROPHY

caused by chlorpromazine (Bul) 45316

causing hyperemesis in pregn. 17547

clin. aspects of acute & subacute cases (Ch) 38375

*ADAMANTINOMA see* CYSTS, DENTIGEROUS

*ADAMS-STOKES SYNDROME see* HEART BLOCK

ADAPTATION

*see also* GENERAL ADAPTATION SYNDROME

blood circ. in splanchnic region in animals adapted to wds. (Cz) 38203

discrepancy from adaptation level as source of affect 17269

disord. in young men in army as consequence of irrational phys. training (It) 19225

heart adaptation to altitude (Cz) 38205

liver & musc. tissue preserv. from rats adapted to cold (Cz) 38204

metab. adaptation mechanism (Ger) 55462

metab. in animals adapted to wds. (Cz) 38202

problems in aged (It) 6907

relation of changes in routine life patterns to sleep disord. in flying personnel engaged in long distance flights (Fr) 51483

relation of self-concept to ideal self-concept as measure of adjustment 4902

ADAPTATION, OCULAR

adaptation to glare 666

contrast sensitivity determ. in visual fatigue (Rus) 45887

dark adaptation after admin. of lysergic acid diethylamide 17077

dark adaptation in achromatic & normal subjects, determ. by b-wave amplitude (Ger) 20121

dark adaptation threshold, eff. of acoustic stimulation (It) 25968

eff. of age on diameter of pupil in the dark 42975

eff. of differential light adaptation of both eyes on phosphene threshold 17076

eff. of light adaptation level on sensitivity changes of dark-adapted eye in monocular adaptation (Ger) 24278

eff. on resting potential of human eye 12036

in familial retinitis pigmentosa, review 689

new adaptometer 43359

rapid-adaptation, on-responses in human visual system, psychophysiol. mechanisms 11695

scotopic vision & selective sensitivity to plane of polarization of light (It) 36770

sensitivity changes of monocular dark-adapted eye in various color light adaptation of other eye (Ger) 24279

to light after dark-adaptation in frogs (Ger) 33929

*ADDISON'S ANEMIA see* ANEMIA, PERNICIOUS

ADDISON'S DISEASE

(Fr) 25077

manifest. & ther. 4958

*blood in*

17-hydroxycorticosteroid determ. (Nor) 45408

*case reports*

16682

*complications*

diabetes mellitus, case report 6121

diabetes mellitus, review (Fr) 25075

fract. of spine & clavicle, case reports (Fr) 35260

hypertension (Fr) 10039

hyperthyroidism in adolescent, case report (Fr) 51360

myelomalacia, review & case report (Fr) 45016

*diagnosis*

ACTH stimulation test 29293

hormonal response to intravenous ACTH admin. (Ger) 38950

titration of urinary 17-ketosteroids & 17-hydroxycorticosteroids after ACTH infusion (Cz) 38117

*differential diagnosis*

regional ileitis, case report 20696

*etiology and pathogenesis*

adrenal replacement by metastatic lung cancer, assoc. with diabetes insipidus 61

*in infant and child*

familial in two sisters with corticoid defic. without hypoaldosteronism 46534

*in pregnancy*

45805

(Fr) 25076

failure to demonstrate hydrocortisone & aldosterone 50439

*physiology*

EEG (Rus) 41653

*psychology*

paranoid behavior 2658

*statistics*

(Fr) 29215

*therapy*

(Rus) 41651

cortisone & desoxycorticosterone (Ger) 45399

cortisone, prolonged ther. causing diabetes mellitus (It) 31676

cortisone with desoxycorticosterone glucoside, antag. eff. of small doses (Pol) 43631

*urine in*

sodium & water excretion, eff. of adrenal cortex hormones 6745

ADENINE

adenine-8-14C in labelling of mouse spermatozoa 3514

*determination*

detection in king crab (Ger) 49903

*effects*

antimutagenic activity of adenine towards formaldehyde at different concentrations of formaldehyde 7222

on choleresis in animals & humans (Ger) 19374

stimulation of Aerobacter aerogenes growth & reversal of growth inhib. by aminopterin 25873

*metabolism*

ascites tumor cells of mice, uptake in vivo 37088

CNS, incorporation into desoxyribonucleic acid in non-dividing cells in cat neurexis 16965

incorporation into disrupted Micrococcus pyogenes cells 1656

incorporation of 4,6-radiocarbon-labeled adenine in nucleic acids in various mouse tissues 3453

labeling of insect spermatozoa by radiocarbon-labeled adenine 39250

liver, eff. of nicotinamide on form. from formate & glycine in mouse liver 40555A

*related compounds*

adenine 1-N-oxide & its deriv., biol. eff. on cultures of tissues & bact. 40513

adenine 1-N-oxide, susceptibility to action of xanthine oxidase in vitro 40514

4-aminopyrazolo-(3,4-d)-pyrimidine reversal of cellular damage in HeLa strain 45380

N6-(2-indolylethyl)-adenine inhib. of cell growth & induction of abnorm. forms of mitosis & nucleation in normal & tumor cells (Ger) 39448

methylated adenines, occurrence & distribution in ribonucleic acids from various sources 37069

*therapeutic use*

agranulocytosis (Fr) 2303

agranulocytosis caused by 2,5-bis-aziridinyl-3,6-dipropoxy-quinone, prev. & ther. (Fr) 21763

*ADENITIS see* LYMPHADENITIS

ADENOFIBROMA

breast, giant (Rus) 55340

breast, incidence & relation to benign dis. of breast (It) 1493

3-dimensional reconstruction of human mammary adenofibroma 8475

*ADENOIDAL-PHARYNGEAL-CONJUNCTIVAL FEVER see* ADENOVIRUS INFECTIONS

ADENOIDS

(Fr) 39508

determ. of size, shape & position by soft tissue x-ray of nasopharynx 6225

eff. triton WR-1339 nose drops on ciliated mucous epithelium of isolated human adenoid 5293

manifest. & compl. in child. (Sp) 21209

*surgery*

adenotonsillectomy, divinyl ether anesth. with belladonna-plexonal premedication (It) 42750

adenotonsillectomy, postop. voice quality 5816

anesth. for child., hazards & principles 2632

fatal postop. exsanguinating hemorrh. in adenotonsillectomy in 4-year old 11740

in child., with isoptopyl chloride anesth. (Ger) 49036

in ther. of secretory otitis media in child., with myringotomy 31474

local anesth. & premedication (Ger) 11265

postadenotonsillectomy home care 39435

postop. bleeding, incidence & prev. 10412

ADENOLYMPHOMA, SALIVARY

clin. & histopathol. aspects (Pol) 30391

histomorphogenesis (It) 21443

oxyphilic granular cell adenoma of parotid 12030

papillary cystadenoma lymphomatosum of parotid (Fr) 29133

papillary cystadenoma of accessory salivary gland 24669

papillary cystadenoma of parotid gland, clin. & cytol. aspects (Fr) 53374

review & case reports (Sp) 20656

*ADENOMYOMA see* ENDOMETRIOSIS

*ADENOMYOSARCOMA see* MESENCHYMOMA

*ADENOMYOSIS see* ENDOMETRIOSIS



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

**ADENOSINE**

***effects***

on erythrocyte metab. in preserved blood 26411

on phosphate metab. & sodium extrusion in swine erythrocytes 1377

***related compounds***

S-adenosylmethionine cleavage, purification & properties of cleaving enzyme from Saccharomyces cerevisiae 40547

S-adenosyl-L-methionine decomposition by enzyme systems in cell-free extracts of Aerobacter aerogenes 4757

S-adenosylmethionine enzymic transmethylation with homocysteine in various bact. extracts 1688

adenyl amidate, participation as active intermediate in fixation of amino group of amino acid 1370

2-chloroadenosine, eff. on blood pressure in cats & on isolated guinea pig heart 47732

***therapeutic use***

adenosine-cyclohexenyl-hydroxymethyl hypophosphoric acid prep. in palm. tuberc., eutrophic, tonic & strengthening eff. (It) 8053

arthrosis, with nikethamide (Ger) 51807

coronary dis., with p-hydroxyephedrine, eff. on ECG (Ger) 42910

coronary dis., with nikethamide (Ser) 32605

***ADENOSINEDIPHOSPHATE see*** **NUCLEOSIDES AND NUCLEOTIDES**

***ADENOSINEMONOPHOSPHATE see*** **NUCLEOSIDES AND NUCLEOTIDES**

***ADENOSINETRIPHOSPHATASE see*** **ADENYLPYROPHOSPHATASE**

***ADENOSINETRIPHOSPHATE see*** **ADENYLPYROPHOSPHATE**

**ADENOVIRUS**

characterization & infect. of resp. tract, review 25109

characterization of factor formed during adenovirus infect. of tissue cultures causing detachment of HeLa & KB cells from glass 17253

cytopathogen. eff. on various tissue culture cell lines 17713

eff. of total incubation time in HeLa cell cultures on isolation rate 5195

growth characteristics & prod. & release of complement fixing antigen & infectious virus 50592

growth in HeLa cells cultivated in calf serum, comparison with cells cultivated in human serum 35364

in tonsillar tissue, isolated strains (Hun) 29185

intracellular localization of type 4 adenovirus, cellular fractionation studies 40814

intracellular localization of type 4 adenovirus, cytol. & fluorescein-labelled antibody studies 40815

protein factor in early cytopathic eff. of adenoviruses in HeLa cell cultures 45824

review (Fr) 44771

review (Pol) 53206

sensitivity of different tissue culture strains of cells to adenoviruses 5196

tissue culture & isolation, review (Por) 8728

toxin-like material from type 5 adenovirus particles 45830

type 3, cytopathogenicity in tissue culture (Ger) 46358

type 4 inoculation of polio. virus I in monkey kidney cultures, eff. on growth 17470

type 5, infectivity titrations & particle counts 5096

typing of strains isolated from excised tonsils 23780

**ADENOVIRUS INFECTIONS**

acute resp. infect. in adults, epidemiol. & prev. 17399

clin. studies 16449

epidemiol. & serotypes of isolated viruses, review 28469

review (Fr) 44771

***complications***

pneumonia, case report (Fr) 43765

***diagnosis***

serol. (Ger) 32302

***epidemiology***

in acute resp. dis. in civilian adults 5197

in Gt. Brit., identification of adenovirus types 3, 7, 8 & unnumbered 5631

incidence in school child. & college students 7413

1958 epidemic in Finnish armed forces (Fin) 54494

outbreak in Netherlands 547

type 3 in Swedish hosp., clin. & virol. features 285

***immunology***

complement-fixing antibodies in child. living in communities in continuous contact, 8-month study (It) 9372

complement-fixing antibodies in population of Bologna (It) 9371

delayed complement-fixing antibody response 50725

resp. infect., serol. studies (Cz) 14797

serol. of contacts (Cz) 38154

***in infant and child***

causing croup in Australian inf. 6476

fatal infantile pneumonia, clin. pathol. 16442

fatal infantile pneumonia, intranuclear inclusion bodies 16444

fatal infantile pneumonia, isolation of intermediate type adenovirus 16445

fatal infantile pneumonia, postmortem pathol. 16443

in Netherlands (Dut) 43037

isolation of adenovirus type 1 from lung of fatal case of primary atypical pneumonia in 14-month old child 11641

isolation of agent from upper resp. tract resembling adenovirus 16448

pneumonia 17924

simultaneous Hemophilus pertussis & type 5 adenovirus infect. in young girl with cerebral compl. (Fr) 31077

***prevention and control***

vacc. with bivalent vaccine, field evaluation in military personnel 53

vaccine, evaluation in naval recruits 553

***ADENYLIC ACID see*** **NUCLEOSIDES AND NUCLEOTIDES**

**ADENYLPYROPHOSPHATASE**

colorimetric determ. of inorganic phosphorus in presence of glucose-1-phosphate & adenylpyrophosphate 29863

in blood 35655

in blood in hypertension, eff. of pH 24115

in blood in normal man (It) 1899

in brain, liver & spleen activity in mice, eff. of pois. with Shigella dysenteriae toxin 36569

in influenza virus cultures at different stages of develop., eff. of cortisone (It) 37304

in kidney tubule cell membranes, localization by electron microscopy 40591

in liver cell plasma membrane, electron microscopic localization 40583

in liver, eff. of 2,4-dinitrophenol on magnesium-activated ATPase in vitro 47937

in myocardium of hypophysectomized rats, eff. of somatotropin admin. (It) 37372

in myocardium of hypophysectomized rats, eff. of thyrotropic hormone admin. (It) 37373

in myocardium of normal & of hypophysectomized rats (It) 37371

in myocardium of normal rats, eff. of desoxycorticosterone acetate admin. (It) 37375

in skeletal tissues & in synovial fluid in vitro (It) 37362

in skin during exper. dermatitis in rats (It) 1898

mechanism of action, activators, inhibitors & role in oxidative phosphorylation in rat liver mitochondria 1686

metab., eff. of bact. toxins (Cz) 38248

myosin ATPase, separation of ATPase & 5'-adenylic acid deaminase activities of myosin 3456

of particulate enzyme systems 47943

psoas musc., eff. of pentachlorophenol 47936

**ADENYLPYROPHOSPHATE**

interactions with myosin B, flow-birefringence study 47951

relation to contractile proteins, review (Rus) 55172

***determination***

chromatographic separation & spectrophotometric determ. in animal tissues (It) 53823

***effects***

inotropic eff. on isolated mammalian hearts (It) 37416

on Amoeba proteus form & movement, under various cond. of pressure & temperature 39274

on brain metab. in rabbits under narcosis (Fr) 15109

on cerebral circ. in cats (Ger) 41734

on disturbances of cerebral metab. induced by prolonged admin. of LSD in rabbits (Fr) 15122

on in vitro phosphorus metab. in Guerin epithelioma mitochondria (Fr) 15083

on isolated frog heart, correlation between ECG & mechanogram (It) 37417

on musc. action potentials in normal subjects (It) 37365

on oxidative metab. of homogenates of guinea pig myometrium & diaphragm (It) 44829

on radiophosphorus incorporation into mitochondrial ribonucleic acid in rat epithelioma in vitro (Fr) 37835

on regen. of liver after partial hepatectomy, in rats (It) 47817

on restitution of membrane potential of calcium-induced paralysis of frog heart (Ger) 30533

prev. of cerebral metab. changes induced by lysergic acid diethylamide pois. in rabbits, with vitamin C (Fr) 26662

prev. of collagen swelling upon acetic acid treatment (Hun) 29179

***in blood***

in diabetes mellitus, eff. of ingestion of butter 22260

in diabetes mellitus, eff. of oral glucose 22259

***metabolism***

actomyosin-adenylpyrophosphate system, significance of alkaline precipitation of myosin in 50068

brain & musc., eff. of exper. pois. with solvents (Rus) 22651

breakdown to inosine & its eff. on glycolysis in regressing tumor homogenates 1341

cartilage degradation in vitro, identification of metabolites (It) 37361

Coxiella burnetti 5186

dephosphorylation rate during isotonic & isometric contraction of glycerol-treated musc. fibers 13537

eff. of 6-dimethylaminopurine-3-amino-d-ribose on adenylpyrophosphate form. in yeast 20746

eff. of 2,4-dinitrophenol on metab. in submitochondrial particles, point of action 1685

enzyme system from rat liver activating carboxyl group of methionine for interaction with ATP 13700

form. from amino acyl adenylates by yeast enzyme system 4752

interaction with actomyosin from insect musc. 4809

interaction with actomyosin in extracted myocardial bundles 751

mitochondria, role of ATP - inorganic phosphate exchange in oxidative phosphorylation & eff. of various cpds. in rat liver mitochondria 1687

musc., eff. of section of sciatic nerve (Rus) 22650

musc., enzymatic degradation (It) 1863

myocardium, eff. of thyroxin & triiodothyronine in thyroidectomised rats (It) 37516

myocardium, in various degrees of load of heart-lung prep. in guinea pigs (Ger) 30594

nasal mucous membranes, eff. of naphazoline, phenylephrine, epinephrine & tetracaine in rats (Ger) 25334

non-enzymatic hydrolysis, mechanism (Fr) 26293

non-enzymic transphosphorylation between orthophosphate & adenylpyrophosphate catalyzed by bivalent metal ions 13726

placenta in vitro (It) 37394

reversible exchange with adenosinediphosphate in oxidative phosphorylation reactions in mitochondria 40528

sulfhydryl cpds. composition, in diphasic musc. activity, review (Rus) 22489

utilization in hemolytic reaction in vitro 50565

***therapeutic use***

fatigue, chronic (Fr) 49742

herpes zoster (It) 3646

labor compl. (Fr) 37724

liver dis. & toxinfect., with adrenal cortex extracts (It) 3724

senile heart, eff. on lipoprotein lipase (It) 19165

***ADENYLPYROPHOSPHORIC ACID see*** **ADENYLPYROPHOSPHATE**

**ADHESIONS**

causing intestinal obstruct., incidence, clin. aspects & ther. (It) 2879

eff. of cortisone, prednisolone & triamcinolone on form. of talc-induced peritoneal adhesions (It) 39681

eff. of pectin prep. on form. of postop. adhesions in animals (Ger) 11451

of lens capsule to hyaloid membrane, surg. problems in intracapsular cataract extraction 12438

pleural, autopsy findings (Rus) 25761

synechia of uterus of tuberc. origin (Fr) 39757

uterine synechia, ther., décollement & dilation with Hegar dilator (Fr) 26237

***ADHESIVE PLASTER see*** **BANDAGING AND DRESSING**

**ADIE SYNDROME**

(Bul) 32807

in sympath. hyperstimulation (Ger) 28888

measurement of patellar reflexes & correlation with pupillary reaction 24083

with accomm. disord. 41320

with progressive selective sudomotor denervation 19799

***ADIPOSE TISSUE see*** **FATTY TISSUE**

***ADIPOSOGENITAL DYSTROPHY see*** **FROEHLICH SYNDROME**

**ADNEXA UTERI**

***see also*** **FALLOPIAN TUBES**

***see also*** **OVARIES**

***see also*** **OVIDUCTS**

***see also*** **PELVIC SUPPORTING STRUCTURES**

endometriosis, causing retrograde menstruation 50976


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

intra-abdom. giant Nabothian cyst 38842

mesothelioma 652

tumor simulating ileocecal stenosis with retention of ileal for. body (Ger) 23216

## ADNEXITIS

diag. & ther. (Ger) 15462

diag. & ther. with 2-(2-chloroethyl)-2H-1, 3-benzoxazin-4(3H)-one (Ger) 22187

in gonorrhea (Pol) 30767

inflammatory tumors, differ. diag. from ovarian cancer (Ger) 02209

with rupt. of pyosalpinx & pyo-ovaries (Ger) 39538

### *therapy*

aminopyrine-sodium salicylate-nicotinic acid-procaine prep. (Ger) 45973

antibiotics, local admin. (Ger) 11454

bismuth-gold-aminopyrine suppositories (Ger) 51032

pyrexal (Ger) 9520

## ADOLESCENCE

### *see also* PUBERTY

adolescent med. as new specialty 14695

eff. of phys. educ. on subcutaneous tissue in adolescents (Cz) 30216

influence of bioclimatic factors on menstruation in adolescent girls (Cz) 21559

influence of nutrition teaching on adolescents' eating habits 16559

med. care in E. Germany (Ger) 38916

med. care, relation to adolescent characteristics 3170

medicosoc. problems (Fr) 20608

medicosoc. problems (Ger) 20609

phys. develop. of school girls in Upper Burma 13424

physical develop. of university students (Rus) 45246

pregn., labor & puerperal compl. in adolescents (Ger) 46075

teen-age clinics **4490**

uterine size, scintillometry 287

value of athletics in youth train. (Ger) 30965

### *diseases*

diabetes mellitus, soc. problems (Sp) 20650

obesity, causes & ther. **12649**

obesity, psychol. 12648

preschizophrenic states (Fr) 15656

prev. of soc. & chronic dis. in adolescents in Switz. (Ger) 20616

quadriplegia, potential for rehabil. 50224

schizophrenia (Fr) 11245

schizophrenia, clin. aspects (Fr) 11246

schizophrenia, clin. manifest. (Fr) 34145

schizophrenia, EEG manifest. (Fr) 34142

schizophrenia, EEG responses to simple & combined stimuli (Fr) 34144

schizophrenia, psychol. tests (Fr) 11247

teenagers as patients 37945

### *psychology*

adolescent personality structure, correlation with family patterns 16500

Barron M threshold values in emotionally disturbed adolescents **41361**

behavior disord., ther. role of social med. (Fr) 30977

behavior disord., Wechsler-Bellevue scale & medico-legal problems (It) 44350

choice-status factors in 9th grade adolescents **15995**

descriptive expressions used by adolescents of various econ. levels to describe accepted & rejected peers 5124

ego reintegration in late adolescents, psychoanalytic interpretation **4269**

fear of failure in object relations in adolescent boy (Sp) **21242**

problems caused by world cond. (Ger) 31564

psychoanalytic psychol. **44240**

psychoanalytic theory **44238**

psychoanalytic ther. of adolescents with & without perversions 44237

psychoanalytic ther. of borderline psychotic states 44239

psychoanalytic ther. of gifted adolescents, contribution of Ernst Kris 44231

psychol. needs of adolescents from broken homes 5126

psychosomatic aspects in military serv. (Ger) 30966

psychother. of adolescent, comparison with psychother. of adult 50903

sex-appropriate behavior of adolescents 5113

youth psychiatry in med. (Ger) 42281

## ADONIS

ther. of epilepsy, with sodium bromide & calcium chloride (Bul) 32818

vernalis, German standard prep. (Ger) **13652**

## ADOPTIONS

(Sw) **32480**

adoption as solution to problem of hospitalism in abandoned child. (Fr) 23926

adoptive placements, new hypothesis 51889

current problems 30932

develop. status of 2 groups of inf. released for adoption **26581**

in Europe by U.S. military personnel 42061

med. factors 41846

problems of diagnosing ment. defic. created by trend toward early placements of inf. for adoption 24466

proposals for expediting adoption of abandoned child. in Italy (It) 10493

responsibilities of physician **19923**

## ADRENAL CORTEX

### *abnormalities*

atrophy in anencephalus (Fr) 26754

Debré-Fibiger synd., case report (Fr) **25459**

familial congen. hyperplasia, case reports 11902

### *anatomy and histology*

cell nuclei of white rat cortex, interference microspectrography 39275

involution of X zone, racial differences in virgin adult mice (Fr) 26807

microvilli of cells of human adrenal cortex 7255

mitochondrial changes in normal hamsters, light & electron microscopy 16966

parenchymal mitoses in relation to periodicity of blood corticosterone levels & to total body activity in mice **49262**

structure of zona glomerulosa as indication of age & sex variations in normal mice 47796

### *diseases*

*see also* ADDISON'S DISEASE

*see also* ADRENOGENITAL SYNDROME

*see also* CUSHING SYNDROME

atrophy induced by cortisone, ACTH ther. (Ger) **39891**

causing allergic dermatosis & toxemia in pregn. (It) **21488**

causing chronic fatigue, review (Fr) **25079**

causing dehydration in child., fluid ther., review **53007**

causing hirsutism in women, differ. diag. from ovarian hirsutism by titration of urinary 17-ketosteroids & 17-hydroxycorticosteroids by ACTH infusion (Cz) 30119

causing hypertension, review (Sp) 8801

causing pregn. toxemias 3009

diag. & surg. 5341

diag. & ther. (Ger) 39056

diag., 17-ketosteroid & 17-hydroxycorticosteroid determ. in urine (Nor) 54948

dissociated adrenocortical synd. (It) **53764**

hyperfunct. & hypofunct., surg. 25035

hyperfunct., differ. diag., 8-hour Thorn test (It) **42650**

hyperfunct., evaluation by inhib. test using 9α-fluoroprednisolone (Fr) **43970**

hyperfunct., familial, relation to Cushing synd. (Ger) **46804**

hyperfunct. in cancer of breast, lung & primary adrenal cortical carcinoma, case reports 14706

hyperfunct., prednisone ther. (Sp) 15476

hyperfunct. synd., inhib. of secretion by fludrocortisone admin. (Ger) **39890**

hyperfunct. with sudden onset of hirsutism, case report 50515

hyperfunct., x-ray diag. (Cz) 2745

14973

hyperplasia, bilateral, causing Cushing synd., urinary adrenal cortex hormone levels (Fr) 9650

hyperplasia bilateral causing mineralocorticoid excess, case report **52633**

hyperplasia, causing Cushing synd. (Dut) 1618

hyperplasia causing osteoporosis 17030

hyperplasia, congen. in child., urinary 17-ketosteroids in 1403

1404

hyperplasia, congen., with hypertension, 11-desoxyhydrocortisone metabolites in urine (Fr) **36055**

hyperplasia, surg. problems (Fr) 3625

hyperplasia, vitalizing, in identical twins **50429**

hyperplasia, with oat cell carcinoma of lung & osteoporosis, clin. pathol. conf. **30147**

hyperplasia with periodic fever & unusual blood 17-ketosteroid pattern **50440**

hypofunct., chronic non-Addisonian, review (Fr) 25078

insuff. caused by ACTH (Dut) 15801

insuff. caused by cortisone ther. **29759**

insuff. caused by prolonged prednisone ther., prev. by ACTH-zinc-phosphate (Fr) 15210

insuff. caused by surg. stress, prev. & ther. with preop. & perop. cortisone ther., review **27920**

insuff. causing adynamia of musc. & nerves, exper. study in rats **305**

insuff. causing hypotension & exhaustion, ther., prednisolone (Ger) **42276**

insuff., chronic, ther., fludrocortisone & related cpds. (Por) 50088

insuff., diag. by intramusc. inject. of ACTH 11968

insuff., diag., titration of urinary 17-ketosteroids & 17-hydroxycosteroids after ACTH infusion (Cz) 30117

insuff., eff. on protein metab. (Ger) 11206

insuff., eff. on renal funct., simplified water loading test 40674

insuff. in chronic amebiasis **50613**

insuff. in vagrants, relation to melanoderma (Fr) **2397**

insuff., postop. (Por) **44440**

insuff., relation to paralysis with hyperkaliemia (Fr) 9151

insuff., role of altered glomerular filtration rate & solute excretion in impaired water excretion 40697

insuff., with normal 17-hydroxycorticoid excretion in urine (Dut) **15802**

insuff. with multiple parasitic infect., hypoglycemia & psychosomatic disord., case report (Fr) **43980**

ther., current status of hormone ther., AMA council report **28168**

### *effect of drugs on*

ACTH & human chorionic gonadotropin on adrenal funct. in man 40665

ACTH, diethylstilbestrol & estradiol on guinea pigs, comparison with rats **50523**

ACTH, in subjects treated by cortisone alone or with testosterone (Fr) **48898**

ACTH on adrenal electrogram after intravenous inject. in rat (Ger) **46589**

ACTH, prolonged admin. resulting in adrenal hyperresponsiveness 50441

adiphenine on funct. in cats & rats (Hun) 33173

arterenol alone & with ACTH, causing histochem. changes in cortex of hypophysioprivic & hypophysectomized rats (It) **36821**

carbutamide on rabbits (Pol) **30388**

changes of dietary sodium/potassium intake on morphol. of zona glomerulosa in rats, eff. of cortisone (Hun) 41639

chlorpromazine, eff. of various doses on weight, cytol. & funct. of cortex, in rats 24857

chlortetracycline causing inactivation after prolonged admin. in rats (Ger) 1440

cortisone & hydrocortisone, comparison in female mice (Fr) 3077

cortisone & thyroid hormones on cholesterol & vitamin C content in normal & hypophysectomized rats (Ger) 34012

DDD, eff. of induced partial atrophy on blood sugar (Fr) **26840**

desoxycorticosterone & monoammonium glycyrrhizinate in rats on sodium-defic. diet 24845

ethyl alcohol in lysine-, nicotinic acid- & tryptophan-defic. rats, determ. of adrenal response by cholesterol & vitamin C levels 44284

flavonoids on pituitary-adrenal axis 44125

fludrocortisone causing lipid depletion in zona glomerulosa in rats 49273

fluoxymesterone & hydrocortisone, in rats, comparison (Fr) 38721

glycyrrhetinic acid on histol. & funct. in rats 24822

glycyrrhizin inhib. of pituitary-adrenal stress responses in rats 5000

guanylic acid deriv. on hypertrophy due to musc. work in rats (Hun) 41625

hydrocortisone prolonged admin. on rats, influence on reaction to KCl stress (It) 1900

hydroxydione succinate (It) **19157**

hydroxydione succinate in rabbit (It) 27639

iproniazid & serotonin on adrenohypothalamo-pituitary axis in rats (Fr) **26801**

manganese oxide pois. in mice (Rus) 31148

17α-methyl-Δ5(6)-androstene-3β, 17β-diol in rats, histol. & histochem. 24856

2-methyl-1, 2-bis(3-pyridyl)-1-propanone inhib. of funct., clin. trials 48332

nitrogen mustard on cortical funct. in man 14762

phenylbutazone on pituitary-adrenal cortex funct. 13631

prednisone (Ger) 11004

prednisone on glucocorticoid funct. (Sp) **44387**

sodium chloride, in pigeons (It) 36710

sulfurated terpene on funct. & histol. (Fr) 32931

suramin, failure to demonstrate lesions in rat 15601

testosterone propionate, eff. of prolonged admin. of high dos. in rat **13461**

triiodothyronine on weight & histol. in orchiectomized rats 40071

### *extracts*

pathol. changes in heart & kidneys of adrenalectomized sensitized rats treated with adrenal cortex extract 49261

ther. of liver dis. & toxinfect., with adenylpyrophosphate (It) 3724

total extract on uropepsin excretion in normal subjects (It) 1508

### *function tests*

ACTH test in cattle **12736**

ACTH test in child. (Fr) **32390**

comparison of various cortical stimulation & inhib. tests (Sp) 8686

Porter-Silber method as modified by Brancaccio (Por) 3693

review & exper. study (Por) 1567

salivary potassium & sodium tests (Fr) 24785

technics (Tur) 32995

Thorn test (Ger) 49284

Thorn test (Sp) 8715

Thorn test (Tur) 22364

Thorn test during ther. with perphenazine (Ger) 45396

Thorn test, eff. of orthopedic surg. 16305

Thorn test in cancer of breast (It) 8595

urinary hormone analysis, method (It) 37383

uropepsin excretion test in premature & newborn inf. (Ger) 25276

uropepsinogen, test (It) 20180

***gangrene***

symmetrical necrosis in hemorrhagic infarct of adrenal glands in pregn. (Ger) 46085

***in various diseases***

acromegaly, review (Fr) 25088

angina pectoris & myocardial infarct (Rus) 41652

arteriosclerosis obliterans (Rus) 41498

diabetes mellitus, blood pyruvic acid response to cortisone (It) 27365

diabetes mellitus, review & clin. studies 35129

diabetes mellitus with microangioretinopathy (Sp) 29340

diabetic retinopathy & glomerulosclerosis (Ger) 15635

hepatitis, blood sugar curve after protein loading (Ger) 49126

hyperthyroidism (Ser) 32606

leukemias & other malignant blood dis. 35153

ment. disord. 31342

neoplasms, eff. of insertion of yttrium 90 in sella turcica to destroy pituitary gland (It) 42546

portal cirrhosis 11758

pseudohermaphroditism, female, absence of hypertrophy (It) 20230

schizophrenia (It) 42624

shock due to infect., comparison with healthy adults 40696

Stein-Leventhal synd. as manifest. of hyperadrenocorticism 49490

***metabolism***

coenzyme A in rat adrenal, histochem. distribution in various funct. states 39213

desoxyribonucleic acid content of nuclei in rat 19555

glycogen, depletion by ACTH (Fr) 26709

hydroxylation of steroids in vitro by adrenal homogenates from cattle & man 4865

in double-refractive lipids, exper. convulsions in guinea pigs (Ger) 7090

lipases in various systemic dis. (It) 9315

phosphorylases in beef slices, ACTH-stimulation with 3' or 5'-phosphoadenylic acid intermediate 28273

progesterone conversion to 17α-hydroxyprogesterone & Δ4-androstene-3, 17-dione in surviving human fetal adrenal glands 28344

radiophosphorus incorporation in hypophysectomized rats, eff. of ACTH & pituitary gonadotropins (It) 37439

succinic dehydrogenase, histol. distribution in rat, eff. of hypophysectomy, ACTH & cortisone 39198

vitamin C & cholesterol, eff. of hypothermia & response to ACTH in rat (Fr) 36617

vitamin C & cholesterol levels, eff. of ACTH admin. in chicks 1639

vitamin C, depletion in manipulated inf. rats responding to cold stress 44970

vitamin C, dissociation from corticosterone response to stress in rats with hypothalamic lesions 15590

vitamin C, eff. of scurvy in guinea pig 15618

vitamin C, eff. of Vishnevskii's procaine block (Cs) 38137

***neoplasms***

ACTH assay by transplantable adrenocortical tumor slices, application to assay of adrenotropic pituitary tumors 48571

adenoma, case report (Rus) 53466

adenoma, diag. & surg. (Rus) 41500

adenoma in aldosteronism, case report 20697

adenoma in normal & castrated male goats & in female goats 12748

adenoma, with hypertension & refractory edema, causing aldosteronism (Fr) 54377

causing Cushing synd., determ. of urinary 17-ketosteroids in 31457

causing primary aldosteronism, anesth. management during surg. 964

congen. metastasizing carcinoma & cortical cytomegaly in newborn inf., post-mortem pathol. 24412

diag., 8-hour Thorn test (It) 42550

eff. on 17-ketosteroid prod., response to amphenone ther. 4842

feminizing cancer in middle-aged man, pathol. & eff. of amphenone B (It) 49592

hormonal dependence of tumors of CE & BALB/c mice in serial intraocular transfer 2673

hormone-active, surg. (Ger) 26171

in child., urinary 17-ketosteroids in 1403

pathogen. progr. & ther. 1209

surg. indic. (Ger) 29460

surg. problems (Fr) 3625

urinary excretion of pregnane-3α, 17α, 21-triol-20-one in 31376

virilizing adenoma, in 2-year-old child, surg. & recovery (Fr) 54450

virilizing adenoma, increased urinary estrogens & 17-ketosteroids & tumors tissue steroids 40671

virilizing tumors, in 2- & 3-year-old girls, case reports 34992

with gynecomastia, origins of breast swelling 38055

with hypoglycemia, fatal case 2637

***pathology***

in chronic mercury pois., case reports (It) 49596

in fetus & newborn inf. dying of non-adrenal dis. (Pol) 27599

***physiology***

adaptation in phys. exertion, review (Dut) 182

adrenal regen. hypertension after unilateral nephrectomy with contralateral adrenal enucleation in weanling rats, pathogen. 15595

adrenal-regen. hypertension in rats, natural hist. 48733

daily activation in skiers, demonstration by eosinophil count 48321

eff. of acute clin. stress, review (Fr) 21274

eff. of anterior pituitary on morphol. & funct. of adrenal cortex in vitro 39273

eff. of exper. psychol. stress 48449

eff. of exper. thyroid hyper- & hypofunct. (Cs) 38329

eff. of hyperglycemia in normal & diabetic dogs 34001

eff. of hyperplasia on pituitary funct. in hybrid mice 31370

eff. of maintenance of female guinea pigs & rats in total darkness for prolonged periods (Pol) 30385

eff. of pyrogen-induced stress in humans on adreno-pituitary-hypothalamic funct. (Fr) 39893

eff. of scurvy in guinea pig 15618

eff. of starvation on histol., histochem. & pigmentation in guinea pig (Fr) 26949

eff. of stress on zona glomerulosa 39264

eff. of surg. in hypothermic dogs 41811

eff. of surg., relation to other organ funct. (Ger) 7079

eff. of surg. stress (Fr) 15213

eff. of surg. stress on cytochem. factors in dogs 54708

eff. of thyroidectomy & thymectomy in rats (Ger) 30571

eff. of tuberculin pois. in animals (It) 36709

funct. as 3rd gonad (Fr) 26971

increased activity caused by crowding, eff. on form. of exper. granulomas in mice 31410

interrelation with liver, review (Fr) 214

photoperiodicity in adrenocortical-pituitary funct. in rats (Rus) 13865

pituitary-adrenal system funct. in ovariectomized rats (It) 6948

reactions of adrenals to trauma in rats resistant to Noble-Collip drum 48447

reactivity of fetal pituitary-adrenal system during last days of pregn. 36608

regen. from internal blastema (Sp) 8860

regulation of adaptation to sodium free diets 17034

regulation of blood sugar in ducks (Fr) 25520

relation of zona glomerulosa to juxtaglomerular cells & blood sodium level 700

relation to increase in myocardial glycogen after exper. gastric dilat. in rabbits (It) 44325

relation to liver glycogen synthesis in fetal rabbits & rats (Fr) 48817

role regulation of postop. urinary sodium 17072

seasonal rhythm in women of child-bearing age 40808

***transplantation***

autotranspl. to omentum in bilaterally adrenalectomized dogs, results (It) 1897

## ADRENAL CORTEX HORMONES

***see also*** **ALDOSTERONE**

***see also*** **ANDROGENS**

***see also*** **CORTISONE**

***see also*** **DESOXYCORTICOSTERONE**

***see also*** **FLUDROCORTISONE**

***see also*** **HYDROCORTISONE**

***see also*** **PREDNISOLONE**

***see also*** **PREDNISONE**

(Sp) 27235

chelation of potassium & sodium & antag. by cardiac glycosides, theory & mechanisms (Ger) 30610

chem. nature, biol. activity & determ. in blood & urine 43712

clin.-chem. aspects (Ger) 52225

physiol. action & ther. uses in dermatol. 48596

radiotritium-labelled corticosterone, biosynthetic prep., detection & stability 13727

synthetic deriv., review 55394

***addiction***

develop. in asthma ther. 28028

***administration***

intravenous, indic. (Fr) 45028

ointments, eff. of vehicle on activity (Fr) 36176

***determination***

colorimetry with new tetrazolium salt (It) 27428

glucocorticoid detection in spleen of exper. animals (Hun) 41618

identification of corticoids synthesized by rat cortex in vitro (It) 53805

in blood & urine, diag. value in various dis., review (Fr) 26204

in myocardial extracts from pigs 3589

individual corticoids in blood & in urine, methods 353

Δ 4-3-ketocorticosteroids in human placenta, metab. & determ. by paper chromatography 35366

mineral corticoid-like substance detection in spleen of exper. animals (Hun) 41624

review (Sp) 44391

***diseases***

hyperfunct. with glycosuria & hyperthyroidism, case reports 6129

hypofunct., chronic non-Addisonian, review (Fr) 25078

***effects***

activation of vitamin C concentrating mechanism 7212

antirachitic activity in inf. & rats (Ger) 34108

11-dehydrocorticosterone, erythropoietic eff. (Ger) 21852

46604

exper. induction of exper. myocardial lesions in rat, with arterenol 46587

glucocorticoids on blood sugar 49171

17-hydroxycorticosteroids, depression of blood & urinary citric acid 17024

11-hydroxycorticosteroids on renal excretion of water & electrolytes in force-fed rats 31375

induction of cardiac & coronary necrosis (Ger) 44936

induction of exper. myocardial infarcts, prod., with phosphates in rats 27353

induction of exper. myocardial infarct, prod., with phosphates, role of blood pressure (Ger) 33991

induction of metabolic alkalosis in presence of potassium-restricted diet 47123

inhib. of α-ketoglutaric dehydrogenase, relation to structure of hormone (Fr) 38735

16α-methylcorticosteroids, antiphlogistic & antirheum. eff. (Sp) 32428

mineralocorticoids on granularity of juxtaglomerular cells, relation to sodium chloride intake in rat 17230

on albumin distribution & metab. in rabbits & in man 4853

on allergic skin reactions, failure (Fr) 2422

on blood iron levels & in iron-binding capacity 11977

on blood magnesium & ECG of adrenalectomized dogs 39204

on capillary resist., stress-induced changes 4671

on diuresis in toad (Sp) 8995

on electrolyte metab. in obese & slender diabetics (Ger) 15637

on exper. anaphylactic shock resist. in rabbits (Fr) 15161

on fat uptake by isolated perfused rat liver 35812

on fract. healing (Ger) 19409

on gastric secretion 526

on gastrointestinal system 525

on glucose tolerance test & relation to prediabetic state 3351

on incidence of spleen metastases from breast cancer 23978

on insects, morphogenic eff. of vertebrate hormones 21677

on internal fluid & electrolyte shifts in fasted adrenalectomized dogs 31304

on kidney response to acetazolamide in rats 12506

on liver glycogen phosphorolysis in rat (Fr) 5770

on liver mitochondria metab. (Ger) 49901

on lymphatic system in splenectomized & adrenalectomized rats (Ger) 47906

on maternal aggressivity in lactating rats 35369

on musc. in vitamin E-defic. rabbits 40537

on paratuberc. & metatuberc. cond., hypothetical study (Fr) 54896

on pituitary gland cell form. in castrated rats, review (Ger) 49281

on potassium & sodium metab. in nephrectomized rats, extrarenal action 47134

on protein metab. during long-term admin. 18441

on protein mobilization in exper. diabetes, influence of arterenol & epinephrine 734

on radiosensitivity of mouse mammary carcinoma 37624

on reaccumulation of chondroitin sulfate in cartilage after papain-induced depletion of cartilage matrix in rabbits 33071

on saliva electrolyte content (It) 30339

on skin response to ultraviolet light in rheum. arthritis 36292

on sodium & water excretion in normal & Addisonian patients 6745

on sodium elimination by kidneys in edema ther. (Fr) 2491

on sodium transport through isolated frog skin (Ger) 27842

on thymus glutathione content (Ger) 29923

on tonsils & cervical lymph nodes (Ger) 36447

on urinary 17-ketosteroids in Cushing synd. (It) 3584

systemic eff. of prolonged use 18101

***in blood***

conjugated 17-hydroxycorticosteroids in peripheral blood, determ. method 44889

corticosterone determ. in 2 ml. samples of adrenal vein plasma, radioisotope technic 40695

corticosterone in adrenal blood, eff. of x-irradiation in rats (Rus) 31147

corticosterone periodicity in mice in relation to mitosis in adrenal cortex parenchyma & to total body activity 49262

determ. by Porter silver reaction (Ger) 49288

determ. of free levels in rats & validation of measurement method 3422

eff. of electrostimulation of rat 46591

eff. of histamine liberation (Fr) 48908

eff. of prednisolone & hydrocortisone on corticosteroids & partial corticotropic funct. (Ger) 51797

eff. of various environmental cond. on free corticosteroids in rat plasma 36621

excess after repeated admin. of egg white to rats, mechanism (Fr) 34997

glucuronide conjugates, isolation, characterization & determ. 40536

17-hydroxycorticoids, eff. of hydrocortisone loading on arteriovenous concentration gradient (It) 1892

17-hydroxycorticoids in pregn. 17023

17-hydroxycorticosteroids, determ. in adrenal funct. tests (Sw) 52726

17-hydroxycorticosteroids, eff. of electrical stimulation of hypothalamus in monkey 15589

17-hydroxycorticosteroid, eff. of electroshock ther. 35141

17-hydroxycorticosteroids, eff. of electrostimulation of amygdaloid complex in monkey 47106

17-hydroxycorticosteroids, eff. of intravenous hydrocortisone sodium succinate, in normal subjects 34990

17-hydroxycorticosteroids, eff. of x-irradiation in dog (Fr) 36075

17-hydroxycorticosteroids, free & conjugated, response to ACTH admin. in various clin. disord. 32250

17-hydroxycorticosteroids immediately after death 23507

17-hydroxycorticosteroids in Addison's dis. (Nor) 45408

17-hydroxycorticosteroids in bovine pregn. & parturition 40799

17-hydroxycorticosteroids in free & in conjugated forms, method for simultaneous determ. in same blood sample 35093

17-hydroxycorticosteroids in hyperthyroid patients before & after various surg. procedures (It) 44846

17-hydroxycorticosteroids in subcutaneous abscess in rat (Fr) 38771

17-hydroxycorticosteroid levels in rheum. arthritis during pregn. & following parturition 35473

in aircrewmen after long flights 40681

in meningitis in child. (Fr) 48897

***in urine***

aldosterone, 17-ketosteroids & 11-oxycorticoids, in congestive heart failure, nephroma & liver cirrhosis, interrelations (It) 53767

11-corticosteroids, determ. methods (It) 8358

determ. (Dut) 43028

determ. in simple goiter before & after thyroid surg. (It) 27355

17-21-dihydroxy-20-ketosteroids 31025

17-21-dihydroxy-20-ketosteroids, determ. (Dan) 33384

17, 21-dihydroxy-20-ketosteroids, photocolorimetric determ. (Sp) 8898

eff. of amygdalectomy 34014

eff. of cold stress or vasopressin in morphine-treated guinea pigs 12507

eff. of β-glucuronidase on hydrolysis in cat urine 37081

eff. of 17α-hydroxyprogesterone caproate on excretion in women with various endocrine dis. 13210

eff. of hypophysectomy & section of pituitary stalk 35133

eff. of urine volume on corticoid output by normal subjects 44100

11-hydroxycorticoids, in hypertrichosis in women, eff. of cortisone (It) 3851

17-hydroxycorticoids, determ., various technics (Sp) 8690

17-hydroxycorticoids, eff. of flying stress on levels 4705

17-hydroxycorticoids, eff. of trypan blue block of RE system in cat (Sp) 31840

17-hydroxycorticoid excretion, eff. of prednisone admin. (Fr) 32917

17-hydroxycorticoid excretion in rheum. arthritis after ACTH stimulation, comparison in men & women 195

17-hydroxycorticoids in peptic ulcer & normal cond. during activity & inactivity 576

17-hydroxycorticosteroids, determ. by Porter-Silber reaction after enzymatic hydrolysis with Helix pomatia juice (It) 42648

17-hydroxycorticosteroids, determ. in diag. of adrenal cortex dis. (Nor) 54948

17-hydroxycorticosteroids, eff. of ACTH on excretion in pulm. tuberc. (Fr) 32940

17-hydroxycorticosteroid excretion, eff. of 17α-methyl-19-nortestosterone on adult males 35083

17-hydroxycorticosteroids, falsely high values caused by glycosuria 27252

17-hydroxycorticosteroid titration after ACTH infusion, diag. value in adrenal cortical insuff. & Addison's dis. (Cz) 38117

17-hydroxycorticosteroid titration after ACTH infusion, diag. value in Cushing synd. (Cz) 38118

17-hydroxycorticosteroids titration by ACTH infusion, value in differ. diag. of adrenal & ovarian hirsutism in women (Cz) 38119

in Cushing synd. caused by bilateral adrenal hyperplasia (Fr) 9650

in hypertension, eff. of various Rauwolfia alkaloids 51317

in NS dis. (Rus) 52968

new mineralocorticosteroid in aldosteronism & in ACTH-treated subjects (Fr) 15082

nyctohemeral rhythm, review (Fr) 25072

pregnane-17,21-diol-20-one, determ. by modified Porter-Silber reaction, method & clin. uses (It) 42548

pregnane-3α,11β,21-triol-20-one & related αβ-unsaturated ketosteroids simulating adrenal steroid metabolites in urine 17228

pregnane-3α, 17α, 21-triol-20-one excretion in patients with adrenocortical cancer 31376

reducing corticosteroids, determ. method 198

tetrasolium salt-reducing adrenal cortex hormones in human urine, determ. 46592

total reducing corticoids in hyperandrogenism in postpuberal female, eff. of prednisone (Fr) 36060

***injurious effects***

adrenal suppresion causing surg. collapse 14201

bone dis., case reports (Fr) 42443

diabetes mellitus in corticosteroid ther. of liver cirrhosis (Sp) 8187

gastrointestinal disord. caused by corticoid ther., review (Fr) 216

glucocorticoids causing fatal septicemia (Ger) 29436

infect. 19910

osteoporosis & fract. during rheum. arthritis ther. 35223

peptic ulcer & upper gastrointestinal system hemorrh. in rheum. arthritis ther. 26284

peptic ulcer in ther. of rheum. arthritis, x-ray manifest. 20948

peptic ulcer, x-ray manifest. 24105

reactivation of pulm. tuberc. 17857

side eff. after 5-years of continuous use 35223

spontaneous femur fract. during asthma ther., case report 33365

stomach dis. in rheum. ther. (Fr) 10268

***metabolism***

blood & urinary 17-hydroxycorticosteroids in Debré-Marie nanism with oliguria (Fr) 30461

disord. 27684

17-hydroxycorticoids, eff. of phenylbutazone 13631

17-hydroxycorticosteroid blood & urine levels, eff. of intravenous ACTH admin. (Ger) 197

17-hydroxycorticosteroids in blood & urine, eff. of anesth. & surg. 1218

in gout (It) 31774, 31775

in mania & melancholia, biochem. (Fr) 21342

review (Ger) 29428

synthesis by adrenal slices from hypertensive patients 17061

synthesis in slices from normal & scorbutic guinea pigs (Rus) 10937

17α,20β,21-trihydroxysteroid form. by enzymic reduction of 17α,21-dihydroxy-20-ketosteroids in Streptomyces hydrogenans (Ger) 49911

17α,20β,21-trihydroxysteroid form. by enzymic reduction of 17α,21-dihydroxy-20-ketosteroids in Streptomyces hydrogenans, isolation & properties of enzyme (Ger) 49912

***physiology***

dissociation of corticosterone response from adrenal vitamin C response to stress in rats with hypothalamic lesions 15590

eff. of dl-thyroxin on secretory activity in cats 46210

eff. of exper. thyroid hyper- & hypofunct. (Cz) 38229

eff. of stress on secretion in diabetes mellitus 3362

glucocorticoid secretion in vitro after in vivo admin. of estrogens 39190

in brain inj. (Rus) 46317

in Stein-Leventhal synd. review (It) 39354

liberation from rat adrenal in vitro, influence of corticotropin-releasing factor (Fr) 3034

lymphocyte mobilization in rats 50727

mechanism of metacorticoid hypertension 36245

release & synthesis in rat, relation to phospholipids 16897

secretion, eff. of estrone in dogs & cats (Ger) 49286

secretion in dogs & cats, seasonal variations 35370

secretion in pulm. tuberc., eff. of continuous & intermittent ACTH ther. (Fr) 21396

secretion regulation 43712

***therapeutic use***

A-V block, indic. & contraindic. in complete & partial forms (Sp) 15528

adjuvant in surg., pharmacol. & physiol. 54769

allergic & rheum. dis., review (Ger) 29429

allergic dis. of child. (Por) 40222

allergy 10253

allergy, indic. & contraindic. (Ger) 29431

allergy, indic. by immuno-allergic factors (Sp) 39096

arteritis, depot prep., intra-arterial inject. (Fr) 6328

arteritis, intra-arterial admin. (Fr) 31089

asthma 2278

asthma, eff. on intraocular pressure 661

asthma in child., with antibiotics 45803

bronchopneumonia, with ACTH & antibiotics (Sp) 27206

callosities, subdermal inject. 4585

cardiovasc. dis. (Ger) 42937

cerebral hemorrh. in aged with predominant involvement of brain stem 4434

cirrhotic edema, mechanism of action (Fr) 31906

dehydrocorticosterone in asthenic cond., with cortisone & desoxycorticosterone, oral admin. (It) 3715

eye dis. (Ger) 22888

eye dis., indic. & dos. 30223

glucorticoids in eye inflamm. (Ger) 19042

glucocorticoids in liver cirrhosis, review (It) 47823

gluco-corticoids in urogenital tuberc., indic. (Ger) 27694

gyn. dis. & obst., indic., review (Ger) 15979

in child, indic. for decreased & increased dos. during complicating infect. dis. (Fr) 9655

in chiropody, indic. & contraindic. 16749

in massive small intestine resection 12291

in pediatrics (Sw) 45351

in pediatrics, indic. (Sp) 37266

indic. 30206

indic. & mechanisms of action (Fr) 33426

indic. & results (Fr) 49742

infect. dis., adjuvant (Sp) 3326

infect., tuberc. & other non-endocrine dis., indic. & contraindic. (Ger) 3267

jaundice obstruct., diag. & ther. 37676

leukemia, lymphatic, in child., with mercaptopurine & aminopterine, comparative eff. on course of dis., classif. & statist. (Fr) 30459

liver dis., review (Fr) 214

lupus erythematosus, disseminated (Sp) 53962

meningeal tuberc. (Ger) 25788

meningeal tuberc., eff. on CSF (Ger) 49101

meningeal tuberc., with isoniazid, PAS & streptomycin (Rum) 6585

meningitis, acute suppurative, in child., with antibiotics & sulfadiazine (Sp) 9702

mumps orchitis 5354

nephrosis in child. (Sp) 21120

nephrosis in child, with testosterone & thiosemicarbazone, case with humoral regression (Sp) 21140

nephrotic synd. in child., eff. on ammonia excretion in urine (Ger) 41760

nephrotic synd., with diuretics 54509

neurol. & ment. disord. (Ger) 42342

pancreatitis, acute hemorrh. (Fr) 4819

papulonecrotic tuberc., with antibiotics (Fr) 38857

pemphigus (Rus) 45115

pneumonia caused by chickenpox, ther. failure 29750

polio., paralytic (Sp) 9705

pulm. dis., with antibiotics & tuberculostatics (Ger) 45398

pulm. fibrosis, non-tuberc. 48187

pulm. lymph node & cervical tuberc. in child. (Fr) 30443

pulm. tuberc. (Sp) 15533

pulm. tuberc., adjuvant to standard chemother. in advanced cases 28287

pulm. tuberc. with isoniazid, streptomycin & methylandrostendiol (It) 3883

pulm. tuberc. with pleural effusion (Pol) 8067

review (It) 43456

rheum. & rheum. arthritis, review (Fr) 54329

rheum. arthritis 35217 35218 35219 43731
rheum. arthritis (Por) 44376
rheum. arthritis (Rus) 45182
rheum. arthritis & rheum. fever in child. (Sw) 45352
rheum. fever, with acetylsalicylic acid & penicillin 29260
rheum. fever, with acetylsalicylic acid & penicillin (It) 8356
rheum. heart dis., eff. on metab. (Fr) 25462
rheum. heart dis., withdrawal causing acute reactivation of dis. (It) 31758
rheum., review 19866
salpingitis with obstruct. (Fr) 27717
sarcoidosis, metab. eff. (Ger) 33900
sarcoidosis of lungs 10544
skin dis. (Ger) 39083
39803
42363
skin dis., contra-indic. (Sw) 22135
skin dis. in child. (Sw) 45355
skin dis., topical & systemic admin. 20512
sprue, long-term ther. 574
steatorrhea, idiopathic 37688
subacute bact. endocarditis, with penicillin, followed by commissurotomy for mitral stenosis, case report (Fr) 29134
systemic dis. 21850
tabes dorsalis with ataxia & urination disord. (Fr) 2396
thyroiditis, subacute with x-ray ther. 55274
trichinosis (Pol) 33694
tuberc. (Sp) 44393
tuberc., bronchial (Ger) 32321
tuberc. in child. 20265
tuberc. in child, with chemother. (Sp) 8931
8932
tuberc. pleural effusions in child. 43492
ulcerative colitis 35670
ulcerative colitis & regional ileitis, with ACTH 50792
ulcerative colitis, review (Fr) 215
whooping cough, with antibiotics, review & case reports (Sp) 8809

**ADRENAL GLANDS**

anat. & physiol. (Fr) 53560

***abnormalities***

intracranial adrenal gland, case report & postmortem pathol. 46505

***anatomy and histology***

fetus & newborn inf. (Ger) 37021
size in Jamaican natives 14228
weight & volume, correlation with age, sex, body weight & various pathol. cond. (It) 21453
weight, morphol. & histochem. in aged multiparous mice (Fr) 48859

***blood supply***

arterial vascularization (Fr) 21579
arteries, relation to renal arteries, aortography (Ger) 55596
flow in rat 47129
venous blood samples, technic for intermittent collection 31419

***cysts***

pseudocyst with calcification, surg., case report (Sp) 25950
spontaneous hemorrhagic, case report (Fr) 6323

***diseases***

acute necrosis in pregn. 5569
exper. atrophy induced by rhothane, eff. on peripheral vasc. reactivity 24044
histoplasmosis, case report 19924
in newborn 3173
in pregn. 2985

***effect of drugs on***

chem. destruction by sodium salicylate (Fr) 9246
digitoxin on adrenal weight in normal & in pregn. rats 24818
epinephrine alone & with cortisone on adrenals of newborn mice (Fr) 3064

***effect of radiations on***

x-rays, eff. of protective screening in guinea pigs (It) 21465

***embryology***

develop. in Madagascar insectivores 40705
endoplastic reticulum of human fetus, electron microscopy 16963

***hemorrhage***

*see also* **WATERHOUSE-FRIDERICHSEN SYNDROME**

hemorrhagic infarct with symmetrical necrosis of adrenal cortex in pregn. (Ger) 46085
in labor, causing stillbirth & maternal death (Dut) 52553

***in various diseases***

complete transverse lesions of spinal cord 19528
exper. fowl sarcoma in rats, histol. changes during evolution of tumor (It) 36819
hypertension (Rus) 53458
hypertension, denervation 904

***metabolism***

radioactivity of adrenals following parenteral radiocobalt-labeled vitamin B12, eff. of parenteral testosterone propionate 15592

***neoplasms***

classif. & surg. 2662
clin. pathol. conf. (Sp) 53350
diag., lumbar aortography 35446
metastatic replacement by lung cancer causing Addison's dis. 61
myelolipoma, case report (Pol) 30393
myelolipoma, sympt., review & case report 43143
neuroblastoma in child, pathol. (Ger) 23130
tumor tissue indole-3-aldehyde metab. in adrenal tumor 19584

***pathology***

changes in sudden death from natural causes, medicolegal aspects (Ger) 27143
histochem. changes in rats made hypertensive by Goldblatt method 29859
in cancer of breast, histol. & histochem. (It) 33374
in hypertension 17013
in ment. dis. in aged, with & without hypertension & renal dis. 5618

***physiology***

adrenal-reflex mechanism in edema & ascites in congestive heart failure (Rus) 52973
eff. of castration on histol. of adrenals in Gallilera sarcoma-bearing rats (It) 13513
eff. of manipulation of rats in infancy on adrenal response to cold stress 50507
fixation of anti-rat kidney antibodies in adrenals after inject. in rats 20780
regen. & mechanism of adrenal-regen. hypertension 53116
relation of weight to CNS irritability in animals (Cs) 38259
relation to metab. response to surg. 51134
sorptive properties, determ. by vital stain. in exper. tuberc. (Rus) 37203

***radiography***

lumbar aortography 35446
pneumostratigraphy, method & diag. value (Fr) 7055

***surgery***

shunting of venous blood into portal circ. & transpl. of adrenal tissue into transverse colon, mesentery, spleen or omentum, indic. & methods (It) 47808

***transplantation***

autotranspl. to portal circ., eff. of sex hormones in male & female rat 39190
eff. on forelimb regen. in normal & hypophysectomized adult frogs 4969

***wounds and injuries***

closed, diag. (Rus) 41499

**ADRENAL MEDULLA**

***anatomy and histology***

histol. study in buffalo (It) 37378
morphohistol. & histochem. characteristics of cellular elements in various animals (It) 37525

***diseases***

echinococcosis causing paroxysmal hypertension (Fr) 53406

***effect of drugs on***

acetaldehyde on hormone secretion in cats 310
ethyl alcohol on secretion from medulla in man 46692
reserpine on chromaffin system in cat, guinea pig & rat (Fr) 13467
reserpine on epinephrine secretion & depletion in rabbits (Ger) 29891
sclerotisation by sodium salicylate inject. in ther. of arteritis, with lumbar sympathectomy (Rus) 45665
sodium salicylate local inject. causing adrenal medullary necrosis (Fr) 9246
tolbutamide in rabbits (Ger) 1600

***innervation***

eff. of age & pathol. cond. in dogs, review (Ger) 23578
synaptic vesicles in rabbit 15699

***metabolism***

acetylcholinesterase activity in aged (Fr) 26891
amine content in mice in relation to sex, age & eff. of orchiectomy (Fr) 48857
catechol amines in granules 35391
pyrocatechol amine granules in bovine medulla, isolation & biochem. properties 318

***neoplasms***

*see also* **PHEOCHROMOCYTOMA**

myelolipoma with cortical involvement, case report (Sp) 44560

***physiology***

basal unstressed secretion of arterenol & epinephrine in dogs, determ. (Fr) 3102
control of pituitary-adrenal cortex, studies in parabiotic rats (Ger) 3432
eff. of mud baths on epinephrine-noradrenalin release (Ger) 46194
epinephrine secretion by guinea pig medulla, relation to phospholipids 16898

**ADRENALECTOMY**

indic. (Rus) 41496
postop. care (Fr) 44994
postop. 2-methyl-fludrocortisone maintenance ther. 17238
subtotal, vasc. anat. & ligation of arterial stumps & central & accessory veins (It) 42551
transabdom. approach 36319
vascularization of adrenal in relation to special technical procedure in subtotal adrenalectomy (It) 42651

***complications***

postop. scurvy after bilateral adrenalectomy, case reports 14272

***effects***

bilateral on bone metab., clin.-exper. correlation (It) 42647
bilateral, on bone tissue, clin. & exper. studies (It) 42547
cortectomy & medullectomy on tox. of N'-(5-t-butyl-1, 3, 4-thiadiazol-2-yl)-sulfanilamide & N'-(5-isopropyl-1, 3, 4-thiadiazol-2-yl) sulfanilamide in rats (Sp) 8979
medullary enucleation on cortical secretion & regen. (Hun) 43434
medullectomy on blood sugar response to somatotropin in rats 35110
medullectomy on cortical & thyroid structure in dogs (Ger) 3434
on ACTH response to stress in rat 46588
on active sodium transport through erythrocyte membrane in rats (Ger) 3465
on antibody form. & blood proteins (Rus) 52961
on blood amino acids in exper. inj. (Cs) 38258
on blood lipids in dogs, influence of cholesterol admin. 12511
on blood proteins & glycoproteins response to low doses of x-irradiation in rats (It) 36814
on blood sugar level response to somatotropin admin. in rats 35110
on blood sugar reactions to chlorpromazine in animals (Ger) 49285
on bone sodium metab. in rats 5775
on certain eff. induced by handling in rats 44120
on exper. tumor response to x-rays (Rus) 33575
on female sexuality 50429
on formol-induced edema in innervated & denervated rat paw (Ger) 29916
on ganglionic blocking agent action on depot fat mobilization 44096
on gastric mucosa response to prednisone in rat (Fr) 23716
on gastric secretion in pylorus-ligated rats 3691
on hemorrh. shock in male rabbit (Pol) 7776
on hibernation in hamster (Fr) 26832
on hyponatruresis induced by anoxia in dogs (Hun) 29157
on incidence & time of appearance of hepatoma, in female rats (Fr) 26747
on liver succinic oxidase, glutamic dehydrogenase & nitrogen in rats fed 3'-methyl-4-dimethylamino-azobenzene 2675
on liver synthesis of glutathione in rats (Fr) 3070
on myocardial water-electrolyte balance in guinea pigs (It) 1501
on ovarian sensitivity to chorionic gonadotropins in hypothyroid rats 12952
on oxytocin-induced retardation of mammary involution in rat 17242
on post-irradiation reactions in male white rats (Rus) 33489
on radiophosphorus uptake by brain, endocrine glands & other organs in rats 210
on renal sodium reabsorp. in dogs 51360
on serotonin tox. in rats (It) 1947
on taste & appetite preferences of rats for sodium chloride, lithium chloride & other salts & solutions 35806
on thyroid uptake & renal clearance of radioiodine & on thyroxin synthesis after progesterone admin. in rats (It) 3883
on thyroid uptake & renal clearance of radioiodine & thyroxin synthesis after admin. of estrone in rats (It) 3883
on tissue histamine & serotonin in rats 7187
on virilization of female guinea pigs by chorionic gonadotropin (Fr) 36066
on water-electrolyte balance in guinea pigs (It) 1500
on water-electrolyte balance in rats (Ger) 15013
on water-electrolyte balance in rats, response to salt-loading (Ger) 38518
sodium depletion in adrenalectomized humans 4871
unilateral on cholesterolemia in rabbits (It) 39691

***experimental***

compensatory hypertrophy after unilateral adrenalectomy, inhib. by exper. hypothalamic lesions in rats (Fr) 46618
eff. of ACTH in blood on pituitary ACTH response to stress in adrenalectomized rat 19498
eff. of asiatic acid glycoside on survival & resist. to cold stress in rats (Fr) 49074
eff. of cortisone on metab. use of cystine in adrenalectomized protein-deficient rats (Fr) 48964
eff. of 1-dehydro-16α-hydroxy-fludrocortisone in adrenalectomized rats 1583
eff. of excis. of interscapular fat body on survival of adrenalectomized rats exposed to cold (Fr) 38742


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

medullectomy, postop. regen. causing hypertension, eff. of pituitary 49379

postop. adrenal regen. causing hypertension, prev. by Δ4-androstene-17β-ol-3-one-17α-(3-propionic acid)-lactone) in rats 49272

postop. regen. causing hypertension in animals 10439

unilateral causing compensatory adrenal hypertrophy, inhib. by exper. hypothalamic lesions in rats (Fr) 48818

*in various diseases*

adrenal disord. (Por) 15956

aldosteronism with adrenal adenoma, case report (Pol) 8089

cancer of breast 859 30915 48541 50656 54767

cancer of breast, histopathol. & histophysiol. of resected adrenal glands (Por) 50089

cancer of breast, indic. & results (Fr) 54894

cancer of breast, metastatic (Dut) 39950

cancer of breast, metastatic (Sp) 8696

cancer of breast, metastatic, eff. of postop. steroid ther. 14757

cancer of breast, postop. histophysiol. (Sp) 31150

cancer of breast, review (Fr) 23669

cancer of breast, study of resected glands (Por) 50089

cancer of breast with bone metastases, with bilateral oophorectomy, x-ray (It) 42645

cancer of prostate 37662 37665

Cushing synd. 1237

Cushing synd., preop. & postop. metab. studies & care 18369

diabetes, risk (Cz) 14771

fract. of long bones due to metastases from breast cancer, postop. union of fract. 11890

hypertension, follow-up 11800

hypertension, indic. (Fr) 54469

hypertension, postop. hormonal requirement in progressive renal insuff. & hyperkalemia 46959

hypertension, review (Rus) 45671

in cancer of breast with bone metastases, with ovariectomy, eff. on bone tumors (It) 42545

medullectomy in hypertension (It) 27354

medullectomy in vasc. dis. of legs, with lumbar sympathectomy, postop. oscillometry (Ger) 11388

peripheral vasc. dis., statist. (Pol) 30849

Raynaud's dis., eff. of partial excis. on adrenal funct. (Pol) 30695

thromboangiitis obliterans, postop. residual adrenal histopathol. (Pol) 30820

***ADRENALIN** see* EPINEPHRINE

***ADRENERGIC DRUGS** see* SYMPATHOMIMETICS

**ADRENOCHROME**

aminochromes, chem., physiol. & pharmacol., review 27479

eff. on tumor cell metab. (Ger) 55534

in schizophrenia & application to etiol. theory of schizophrenia 50912

increased prod. & metab. disord. in schizophrenia & eff. on ment. activity of normal subjects 48483

induction of psychosis, chem. & pathol. aspects (It) 32146

reduction by vitamin C, value in paper chromatography & possible physiol. significance 7239

semicarbazone-sodium salicylate prep. in control & reduction of postop. ecchymosis in rhinoplasty 24670

semicarbazone-sodium salicylate prep., ther. of hemorrh. of nose & throat, statist. 18796

***ADRENOCORTICOTROPIC HORMONE** see* ACTH

**ADRENOGENITAL SYNDROME**

***see also*** **HERMAPHRODITISM**

3000

review (Ger) 27392

***case reports***

6977

(Fr) 25444

caused by congen. virilizing adrenal hyperplasia, manifest., diag. & ther. 5720

clin. & histopathol. aspects (It) 27366

in 4-year-old Hindu boy 16324

post-puberal in male (Fr) 36061

salt-losing crises 32364

salt-losing type in newborn 28591

salt-loss type (Ger) 25274

with absence of prod. of 21-hydroxysteroids in post-puberal virilism in young female (Fr) 35118

with spermatogenic maturation arrest causing sterility 18454

with subsequent pregn. 12402

***differential diagnosis***

adrenal adenoma with virilism 29758

***in pregnancy***

cortisone ther. (Ger) 22756

***physiology***

(Fr) 36070

sex chromatin pattern & urinary steroids, case report (It) 49593

***statistics***

in Switz. (Ger) 39908

***surgery***

indic. (Ger) 29460

***therapy***

prednisolone (Ger) 3734

**ADSORPTION**

adsorbents, eff. on antigens & their antibodies (Ger) 22994

of polyelectrolytes on surfaces of normal & tumor cells, comparison 26005

**AEROBACTER**

aqueous extracts, relation to excystment of Schizopyrenus russelli 5090

cloacae causing severe septicemia (Ger) 21616

cloacae, differ. diag. from E. coli infect., Voges-Proskauer's test (Cz) 2776

**AEROBACTER AEROGENES**

catalase activity variations during growth cycle 53491

cell count per cc. of suspension for different strains (It) 16015

***effect of drugs on***

aminopterin inhib. of growth & reversal of inhib. action, role of alanine & valine 25872

aminopterin inhib. of growth & reversal of inhib. action, stimulation of growth by adenine & L-glutamic acid 25873

dihydrostreptomycin under aerobic & anaerobic conditions 40850

lysozyme 19497

***metabolism***

S-adenosyl-L-methionine decomposition by enzyme systems in cell-free extracts 4757

glucuronates 42956

glycerin, differ. degradation of C1-radiocarbon labeled D- & L-isomers 25408

phosphomonoesterase, isolation & purification (Fr) 37850

ribitol dehydrogenase, purification & properties 28238

urocanic acid, enzymic degradation to 4-imidazolone 5-propionic acid 16918

**AEROPHAGY**

of effort, as sympt. of coronary artery dis. 6150

with diaphragmatic hernia & relaxation in 4th cervical myotome synd. (Ger) 29473

**AEROSOLS**

***see also*** **SURFACE-ACTIVE SUBSTANCES**

atomizer for dispensing small-dispersion aerosols (Rus) 45877

glass microspheres as inhalation tracers in study of mechanism of resp. retention of aerosols, prep. & exper. study 11602

operating properties of commercial nebulizers & their adaptation to produce closely sized aerosols 36239

prep., determ., inj. eff., ther. & prophylactic use, exper. studies & review 55898

prep. of air-vapor mixtures of known concentrations for exper. use, dynamic appar. 46886

prod. of solid small-sized aerosols, method & appar. 13444

syringe device for studies of bact. & other aerosols 11605

ther. humidification by nebulization, indic. & technic 15536

ultrasonic room aerosol appar., clin. applications (Ger) 15365

***therapeutic use***

basic principles (Ger) 10287

disinfect. & sterilization measures (Ger) 22841

resp. dis. 43787

review (Ger) 39087

silicosis, prev. (Ger) 39064

***AESCULUS HIPPOCASTANUM EXTRACTS** see* ANTICOAGULANTS

***AFFECT** see* EMOTIONS

**AFIBRINOGENEMIA**

54852

hypofibrinogenopenia, hazards in oral surg. 7676

in obst. & gyn. surg., diag. & management (Sp) 8942

mechanism & clin. compl. of hypofibrinogenemia (Por) 47297

***case reports***

congen. hypofibrinogenemia with fibrinoasthenia (It) 39905

congen., with recur. epistaxis (It) 39845

hypofibrinogenemia with fibrinolysis (Dan) 45532

perop. acute hypofibrinogenemia in hysterectomy (Fr) 10659

postop. oral hemorrh. 52849

postpartum fibrinogenopenia 10842

***diagnosis***

hypofibrinogenemia, technic for early diag. 26150

congen. (Dut) 18569

congen., case report 15649

congen., case report & review (It) 20225

congen. with otitis, postop. hemorrh. in paracentesis, case report (Fr) 47479

***etiology and pathogenesis***

blood transfusion 37743

causes & mechanism 11921

hypofibrinogenemia, caused by criminal abortion 50898

***in pregnancy***

(Ger) 22799

causing hemorrh. (It) 54256

causing hemorrh., ther., fibrinogen manufactured from human plasma 35269

diag. 38578 41856

diag. & ther. of obst. cases (It) 32107

fibrinolytic fibrinogenopenia with fibrinolytic dia. in newborn, case report 20072

hypofibrinogenemia in ABO heterospecific pregn. 47005

hypofibrinogenemia with retained dead fetus in Rh-negative subject, surg. 47006

in fetal retention, review (Sp) 20653

in first trimester 43173

in labor, case report (Cz) 14824

in labor, recognition of thromboplastic state (Ger) 25202

postop. in surg. of complicated rupt. of uterus in labor, with hemorrh. & shock, ther. (Fr) 36223

with acute renal failure & transitory myoglobinuria, case report 10337

with uteroplacental apoplexy (Fr) 26238

with uterus rupt. after external version in labor 5578

**AGAMMAGLOBULINEMIA**

(Sw) 10162

clin. significance, review 43155

congen. (Sp) 53363

idiopathic of adult, review & case report (Fr) 32180

review & case report (Ger) 49074

***blood in***

C-reactive protein, case report (Sp) 21109

normal serum panagglutinin in patients with congen. agammaglobulinemia 17587

***case reports***

acquired (Ger) 6681

***complications***

asthma in acquired hypogammaglobulinemia, case report 43144

asthma in women 35721

chronic lymphatic leukemia with infect. (Fr) 32206

familial, with severe infect. compl. of BCG vacc. & extensive moniliasis (Sp) 36849

gastric cancer & lymphoid leukemia (Fr) 36663

hypersplenism & reticulosis simulating Hodgkin's dis. (Nor) 19950

hypogammaglobulinemia assoc. with lymphatic leukemia 24437

hypoproteinemia, caused by congen. disord. of protein synthesis (Ger) 42259

lymphatic leukemia, relation to infect. dis. compl. (Fr) 29143

micrococcal septicemia & alymphocytemia (Fr) 51401

resp. infect., recur. chronic, with hypogammaglobulinemia, ther., omnadin 5302

***immunology***

evidence of antibody form. in acquired hypogammaglobulinemia, case report 43144

survival of incompatible erythrocytes in 37223

***in infant and child***

case report 16077

congen. (Rus) 43568

congen., case report (Fr) 25481

early transitory with late appearance of γglobulin & specific β-2 globulin, case report (Ger) 39902

hypogammaglobulinemia with essential congen. hypoproteinemia in 2-month old inf. (Fr) 25477

in 10-year-old girl, case report 16098

serodiag. & ther. (Ger) 19415

with erythroblastic & aplastic anemias in premature inf. (It) 6244

with familial lymphopenia & severe moniliasis, case reports (Ger) 39801

x-ray diag. 824

***therapy***

hormones 6215

**AGAR**

***see also*** **CULTURE MEDIA**

agar medium indicating acid prod. 4715

dry phosphate-peptone agar in determ. Corynebacterium diphtheriae virulence (Rus) 55825

eff. on growth of Phycomyces (Ger) 25305

new agar medium for sensitivity testing of poorly diffusing antimicrobial agents 36344

prep. of optically-clear solutions, problems (Ger) 7982

simplified micro double-diffusion agar precipitin technic 17609

**AGED**

*see also* AGING

*see also* GERIATRICS

*see also* PSYCHOSES, SENILE

*see also* RETIREMENT

*see also* SOCIAL SECURITY

anthropometry of aged on Isle of Bornholm 46611

care at Kundig Center, Detroit, Michigan 24481

care, homestead plan at Goldwater Memorial Hosp., New York City 4543

care in Denmark, problems (Fr) 40046

care in Gt. Brit. 5805

care in Gt. Brit., soc. welfare clinic serv. 8430

care, in Norway 39565

care in Sweden & Denmark 49780

care in Texas, problems 10261

care in U. S. 50236

care in U.S., cooperation of med. profession & Federal Government 5306

care in U.S., responsibilities of med. profession 19274

care of healthy & ill persons, problems (Ger) 11126

continuity in work habits of aging men 8431

dent. care & problems 50143

dispensary serv., results (Rus) 9919

employment & occupations of persons over 70 & 80 years of age 3795

employment in factory for handicapped workers 21874

employment of elderly workers (Sw) 32478

employment placement & adjustment, utilization & protection of skills & phys. abilities 39557

family life of aged (Fr) 9054

financing of med. care for aged, role of health insurance 54857

gerotypes, methodol. for research (It) 6909

health insurance, AMA council report 50182

health problems 42020

home care 19958

home care program in Belgium (Fr) 54316

homes (Fr) 9055

homes for 42169

home for aged & mentally deficient women in Paris (Fr) 54447

home for aged in Gradignan, France (Fr) 22146

homes for aged in Sweden 49781

homes for aged, preferences of aged in Netherlands, survey results 3793

homes for the aged in Gt. Brit. 29339

home help organizer 44865

hosp. & domiciliary serv. Gt. Brit. 8429

hosp. & med. facilities 10477

hosp. care 44262

hosp. in Belgium, problems (Fr) 22145

hosp., insuff. bed space (Dan) 22429

hosp. needs, Amer. Hosp. Assoc. policy 12378

housing facilities for aged, designing 16253

housing in Gt. Brit. 6548

internat. trends in planning for econ., health & housing problems of aged 49780

intrastate migration in Texas 17372

leisure-time activities, organiz. (Fr) 9053

med. care 8118

medicosoc. care 44863

new classif. of funct. status in activities of daily living 40863

nursing homes 17623

nursing homes in Baltimore, characteristics 42022

nutrition 16560

nutrition (Fr) 9052

nutrition, home-delivered meal program of Columbus, Ohio 50159

nutrition, home-delivered meal program of Visiting Nurse Serv. of Rochester, N. Y. 50160

nutritional requirements 51589

phys. train. (Ger) 52226

program for adult educ. group activity in home for aged 39567

programs for aged in California 39558

pub. health nursing 44864

radiography of old people 53704

rehabil. in Illinois 4244

rural aged & planning for old age in rural communities 16005

senile decay as cause of death, relation to physician's diag. capability (Ger) 19430

senility, genetics 13270

soc. provision for the aged (It) 21459

sociol. aspects of geriatric problems in U. S. 21876

***blood in***

chylomicrons, eff. of gastric mucosal extract in basal cond. & after fat meal (It) 42613

proteins & sedimentation (Fr) 41938

zinc, plasmatic & erythrocytic levels in normal & anemic aged subjects (It) 11954

***diseases***

(Dut) 49764

care for sick & old on Kansas farms 50680

causes of failure in health & loss of energy 3798

degen. dis., ther., ginseng-royal jelly prep. (Ger) 19061

eff. of lobeline on vital capacity (Ger) 39952

eff. of procaine-vitamin B complex-vitamin C prep. (Ger) 3305

eff. of treatment with embryonal extract-methylandrostenediol-vitamin E prep. (It) 8051

medicosoc. aspects 17435

physiol. eff. of bovine embryo extracts in aged, ther. applications (Fr) 54898

senile arteriopathies of leg, morphol. changes of vessels (It) 16032

ther., androgen-estrogen combination alone & with reserpine replacement 40882

ther., androgen-estrogen-thyroid prep., eff. on nitrogen balance & clin. status 55359

ther., anticoagulants, problems (Fr) 38819

ther., antireticular cytotoxic serum, indic. (It) 3891

ther., 1-dehydro-16α-hydroxyfludrocortisone 35700

ther., 19-nortestosterone propionate & 4-chlorotestosterone acetate, results (It) 27617

ther., procaine, funct. & biochem. changes (It) 3890

ther., procaine intramusc. inject. (It) 42576

tissue ther., review (It) 3892

trauma in aged, management 35870

***metabolism***

amino acid requirements of older men in relation to total nitrogen intake 51921

***physiology***

ECG of octogenarians 44715

heart in, duration of electrical systole in senility (It) 36730

histopathol. of various organs (Ger) 46066

intestinal flora in aged (Ger) 42250

peripheral blood circ., plethysmographic study (It) 36759

phys. work capacity of truck drivers over 50 11984

pitch & duration characteristics of speech 17374

reactive hyperemia test in healthy aged subjects (It) 36761

senile keratesthesia (Fr) 36147

stomach in, anat. & funct. aspects in senility (It) 36734

thyroid gland funct. test with radioiodine (Ger) 55403

work capacity 40295

***psychology***

(Dan) 18581

adaptation problems (It) 6907

adjustment to life in later maturity, screening test & index 3792

attitudes of middle-aged persons toward growing older 39563

Chiappo's Noetical Perceptive Test of perception & intellectual efficiency (It) 27620

confusion, sociopsychol. aspects 52129

emotional disord. of institutionalized, ther., hydroxyzine 50166

emotional disord., ther., buclizine 50167

emotional disturbances in older women, responses to word-assoc. test 17370

group-centered corrective ther. as motivational catalyst in geriatric program 40253

ment. disord., ther. with tranquilizing agents (Ger) 45958

ment. health 44862

ment. hyg. 29333

ment. hyg. in Virginia, survey report of activity interests 33577

patterns in planning psychiatric program for aged in New York 36290

personality & other psychol. factors, review (Ger) 33552

pseudosenility, differentiation from senility (It) 8838

psychiatric aspects of aging & their management, nature & scope 24710

psychiatric exam. & EEG of socially adjusted old people 17751

psychol. problems 30172

psychother. for the aged 47194

psychother., review 50590

reminiscences & personality of aging person (Ger) 33553

retention of learning, comparison with young subjects 17371

rigidity factors in psychol. testing of middle-aged subjects 40807

various ment. abilities (Ger) 33557

***surgery***

(Bul) 28777

(Hun) 18587

anesth. (It) 35010

anesth., hydroxydione (Ger) 28833

anesth., hydroxydione succinate (Sp) 42237

blood volume & its constants in surg. patients (It) 42536

clin. statist. (It) 23672

emergency surg. 4430

emergency surg., results & causes of failures (It) 29686

frequency & cause of death in patients over 60 years of age, statist. & autopsy findings (It) 47502

hysterectomy, vaginal, indic. & compl. 52832

hysterectomy, vaginal, indic., methods & postop. care 39566

indic. 19957

indic. & results in various dis., statist. of Copenhagen hosp. 38844

indic. & technics (Fr) 6292

neurosurg., results & role of anesth. methods (Ger) 35949

postop. eosinophil count (Pol) 43658

postop. rehabil. of aged surg. patients (It) 42582

postop. renal clearance tests (It) 39684

prev. of postop. resp. insuff. by tracheotomy 50207

risks (Fr) 12659

**AGGLUTINATION**

*see also* HEMAGGLUTINATION

by diphtheria antigen, diag. value (Rus) 55828

rapid agglut. test for diag. of brucellosis in man & animals, clin. value (Pol) 20464

vaginal-mucus tube-agglut. test in diag. of Vibrio fetus infect. in cattle 48978

whey plate agglut. for identification of allergens in food allergy (Sp) 21774

*AGGRESSION see* BEHAVIOR MECHANISMS

**AGING**

*see also* LIFE EXPECTANCY

child hyg. as basis for retardation of senescence (Rus) 33333

commercial airplane pilots & retirement problems, current standards (Dut) 12030

common molecular basis for aging syad., review 4437

eutrophic & rejuvenating action of procaine (Fr) 9242

geriatric problems in aviation (Sp) 8863

gerontol. in Eastern Europe, review 53842

pathol. & management 19955

***effects***

acrodynia & hyperthyroidism incidence, comparison (Pol) 30858

age differences in x-ray induced mutations 41825

age factor in frequency distribution curves in PPD-induced tuberculin reaction in Japanese (Jap) 41489

on acid base equilibrium & carbon dioxide absorp. (It) 6910

on adrenal cortex, structure of zona glomerulosa as indication of age in normal mice 47796

on adrenal medulla acetylcholinesterase (Fr) 26891

on adrenal medulla innerv. in dogs, review (Ger) 23570

on adrenal weight (It) 1973

on aorta, variations in appearance, cholesterol concentration & weight in chickens 50583

on aortic elastin, morphol. & chem. studies (It) 36808

on aqueous humor dynamics 35770

on aqueous secretion & outflow facility 24547

on arterial glucose-6-phosphate & 6-phosphogluconate dehydrogenase 50584

on blood (Fr) 32202

on blood carotene & vitamin A content in normal & various pathol. cond. (Ger) 11172

on blood cell morphol. & count (Fr) 32185

on blood cholesterol levels in Australians & natives of New Guinea, comparison 36981

on blood coagulation (Fr) 32201

on blood groups & immun. (Fr) 32200

on blood hemodynamics & ECG (It) 3894

on blood lipids among Ashkenazi & Yemenite Jews, comparison 16401

on blood lipids & proteins, electrophoresis 46919

on blood morphol., review (Fr) 32184

on blood phospholipids 2885

on blood picture in male rats 17367

on blood picture in radiother. of breast & uterus cancer (Ger) 46070

on blood pressure in apparently healthy aged, exhibit 39556

on blood pressure response to emotional stress (Ger) 39573

on blood pressure, statist. on U. S. armed forces personnel in World War II 24426

on blood proteins (Fr) 32199

on blood proteins & lipoproteins, electrophoresis (Sp) 31841

on blood protein-bound hexoses & glucosamine, sex factor (Ger) 46069

on blood volume, determ. by modified radiochromate method 24761

on bone marrow cytol. (Fr) 32186

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

on brain & sciatic nerve chem. biomorphosis (Ger) 22942
on brain calcium in rats 40876
on brain desoxyribonucleic & ribonucleic acids (Ger) 46067
on brain excitability 44106
on brain glucose & galactose incorporation into cerebrosides in rat 28239
on brain metab. & circ. responses to hydergine in ment. patients (Ger) 33847
on brain non-hemin iron content 41206
on capillary permeability, Landis test (It) 25689
on carbohydrate metab. (Ger) 52247
on carcinogenesis 13260
on cardiovasc. dis. 10240
on cardiovasc. dis. incidence in male & female, review 50163
on cardiovasc. responses to deglutition (Rus) 49535
on cardiovasc. system (Fr) 9051
on cervical spine movement (Ger) 46071
on collagen in rats (Ger) 25183
on collagen metab. (Fr) 44631
on collagen swelling in acid 50581
on conditioned food reflexes in rabbits (Rus) 1746
on coniine resist. in white mice (Rus) 30342
on connective tissue changes, eff. of hormones 8644
on costal cartilage chem. in guinea pigs 27572
on critical flicker frequency 40827
on critical thinking ability 40804
on CSF & choroid plexus glycogen & protein content in cats (Rus) 33562
on cultural symbolism 40762
on dent. cementum thickness 40766
on dent. health of naval recruits 23320
on dentition, as age assessment method 53519
on diaphragm tendon swelling properties in acid & alkaline solutions 17364
on directional hearing (Ger) 46152
on discrimination of lifted weights 50587
on ECG in male rat 39571
on ECG Q-T interval in child. (Ger) 47495
on EEG responses to conditioned & orientation reflexes in young dogs (Rus) 23267
on embolism mortal. (Ger) 16076
on endocrine glands & hormone excretion 43704
on endocrine gland physiol. & metab. (Fr) 10027
on erythrocyte osmotic resist., as index of biol. age (Ger) 22938
on erythrocyte sensitivity to E. coli lipopolysaccharides (Ger) 34127
on exper. inflamm. biochem. aspects 27573
on exper. thyroid carcinogenesis in rats 41181
on facial nerve anat. (Rus) 47862
on funct. sexuality in agerasia (Sp) 8726
on geniculate & vestibular ganglia nerve cells (Rus) 10758
on heart cycle phase duration (It) 49574
on heart dis. reactivity to strophanthin comparison with normal subjects, review (Ger) 34150
on heart position in male rats & relation to lung dis. 27565
on heart valves (It) 39661
on immediate memory with age 19668
on indust. productivity (Hun) 7365
on kidney & liver & myocardium metab. in rats 40875
on laryngeal musc. histomorphol. (It) 7752
on β-lipoprotein levels (Fr) 32198
on liver aneuploid chromosome count in mitoses in rat (Ger) 38478
on liver polyploidy in rat as measured by volume & desoxyribonucleic acid 50579
on lungs (Fr) 9049
on lung & perivasc. connective tissue swelling in acid 50582
on lung elasticity in young rats (Cz) 38201
on lung lymphatic system (Rus) 47853
on lymph flow reaction to intestinal stimulation in young dogs (Rus) 1745
on movement & reaction time 40886
on musc. amino acids 44152
on musc. strength after train. (Ger) 40178
on nitrogen balance (It) 3895
on NS morphol. 21875
on olfactory threshold (It) 42746
on ovarian blood supply (Rus) 46824
on perception 50591
on perception of sweet & salty tastes in man (Fr) 27567
on perception of taste sensitivity 50588
on perception of taste threshold 35298
on performance after interruption of auditory signals 27570
on phys. performance, review 24901
on phys. work performance (Ger) 15352
on physiol. responses to repeated admin. of thyrotropic hormone 50586
on plantar flexor reflex & on superficial abdom. reflex in man 17370
on plutonium absorp. in rats 20732
on postvacc. encephalitis develop. (Ger) 52276
on pregn. compl. 47362
on pubic symphysis x-ray picture (Rus) 47860
on pupil diameter in darkness 42975
on recovery from single large x-ray dose 23347
on reproduction 50970
on resp. mechanical irritability in animals (Cz) 38256
on responses to personality-inventory items 40752
on reticulocyte maturation (Ger) 22939
on sciatic fat & lipid content (Ger) 22941
on sciatic nerve histochem. (Ger) 22940
on short-term learning & remembering 40803
on size judgment at different distances 26575
on sleep & awaking state, EEG manifest. (Rus) 1747
on somatotropin content & age in rats 44132
on spinal degen. phenomena, x-ray diag. with minimal dos. (Ger) 44307
on spinal reflex arch link develop. in rabbits (Rus) 47880
on spleen anat. in hippopotamus (Ger) 34227
on susceptibility for dis. (Ger) 33546
on swimming speed, eff. of fatigue practice & drugs on albino rats of different ages & sexes 40881
on swimming speed of albino rats 40880
on task alternation time 40805
on testicular veins, anat. & x-ray aspects (It) 37166
on thalamic supranucleus medialis-dorsalis, lamella medialis & lamella interna (Ger) 28382
on tolerance induced with pooled antigen in rat homografts 30661
on urinary creatine responses to d, l-α-tocopherol in rats (Ger) 27571
on urinary excretion of allotetrahydro-hydrocortisone, tetrahydrocortisone & tetrahydro-hydrocortisone 17045
on urinary excretion of chlorides, phosphates & creatinine in rats 27569
on urinary neutral 17-ketosteroids, chromatography 46593
on urinary radioiodine excretion 18355
on vitamin B12 absorp. & on protein digestion in rats 17366
on vitamin B12 metab., demonstration of mild state of defic. 39572
on voice of singers 1185
on x-ray mortal. in white mice (Pol) 45284
physiol. & psychol. eff. 33672

***physiology***

4435
aging process in lower animals 34869
biol. aspects (Sp) 53977
biol. problems in exper. research 55068
causes (Ger) 39947
conf. 44274
eff. of hormones & vitamins, review (It) 3893
eff. of potatoes, oleomargarine & butter in rats 39570
eff. of procaine, mechanism & relation to membrane-stabilizing properties, exper. study & review (It) 3889
eff. of radiations, review (Rus) 6649
eff. of sulfadiazine in animals (Ger) 52187
possible relationship between optical activity of biochemicals & aging, review 35552
relation of forces of senescence to mechanisms of stress 50168
research in problems of aging, cooperation of pathologists & nutritionists 15998
research trends 33032

***psychology***

as sociol. problem 7263
develop. model & factors 33545
neurol. & psychiatric aspects 3785
relation of maturity to personality 24080
research, review (Ger) 33548

**AGNOSIA**

***see also*** **PHANTOM LIMB**

anosognosia, interpersonal factors 11674
body-image & finger agnosia, astereognosis & other sensory defects caused by parietal lobe lesions 47784
body image disord. in thalamic synd. 9472
body image form. disord. 16759
color agnosia with time agnosia & word blindness, clin. & postmortem pathol. (Ger) 36484
depersonalization, mechanism & clin. aspects 11652
diag. (Ger) 33840
facial (Rus) 34812
relation to ment. sympt. 12593
simultaneous agnosia in interpretation of situation drawings (Ger) 36482

**AGRANULOCYTOSIS**

differ. diag. & ther. (Sw) 10185
etiol., diag. & physiopathol., review (Fr) 44630
postop. neutropenic splenomegaly, review (Fr) 32371

***case reports***

cyclic, in father & daughter 4484
periodic neutropenia 59

***complications***

acute reticuloendotheliosis, case report (Pol) 7780
endocarditis, subacute septic (Rus) 45238
leukemia, mechanism of spontaneous & aminopyrine-induced transform. (Ger) 11211
surg. dis., progn. (Rus) 45698
unusual skin lesions (Pol) 20469

***etiology and pathogenesis***

aminopyrine (Dan) 10634
aminopyrine sodium sulfonate, case report 19893
aminopyrine sodium sulfonate causing fatal agranulocytosis 2185
amodiaquin in ther. of disseminated lupus erythematosus (Dut) 52524
2, 5-bis-aziridinyl-3, 6-dipropoxyquinone, prev. & ther. with adenine (Fr) 21763
carbutamide in ther. of diabetes (Ger) 18968
chloramphenicol ther. of typhoid fever, case reports (Sp) 44568
6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide in ther. of congestive heart failure 26112
chlorpromazine ther. of senile pruritus (Fr) 2420
chlorpromazine, with jaundice, case report 27970
dimedione & mesantoin, diag. by blood count (Dan) 43213
phenylbutazone (It) 53763
phenylbutazone, case report (Dan) 10633
sandostene 5312

***in infant and child***

acute neonatal neutropenia in siblings, etiol. & case reports 48490
auto-immunol. aspects (It) 6943
transitory, in newborn 12355

***in pregnancy***

case report 47360

***pathology***

histopathol. of tonsils in (Ger) 42254

***therapy***

adenine (Fr) 2303
leukocyte suspension (Rus) 45146

**AGRICULTURE**

antibiotic use in agriculture (Ger) 52210
directed organic, research results (Ger) 49875
food inspection & prev. of fraud in prep. & sale of agricultural products, in Italy (It) 21477
nutrition of tractor operators during field work (Rus) 33638
problems relating to humus (Fr) 44766
soil irrigation spreading schistosomiasis 2453
train. for agricultural work connected with bending (Ger) 23137
use of algae, alga extracts & alginates in agriculture (Fr) 8315
uses of isotopes (Fr) 52102

**AGROBACTERIUM**

tumefaciens, gall induction in castor-oil plants, inhib. by garlic extracts (It) 44801
tumefaciens, nucleic acids in germ-free extract, participation in aseptic induction of crowngall in Datura plants (Fr) 47405
tumefaciens, solid culture medium (Fr) 49345
tumefaciens, tryptophan metab. 37104
uliginosum isolation from abscess of snake, proposed name Empedobacter uliginosum, var. natricis (Fr) 47387

**AINHUM**

in African male 55066

**AIR**

***see also*** **HUMIDITY**

***see also*** **VENTILATION**

compressed, reduction of air flow noise 46890
natural radioactivity determ. by radon fission prod. (Rus) 39596
natural radioactivity of air, determ. of aerosols (Rus) 39597
39606
39607
radioactivity, control in Switz. (Ger) 14412

***effects***

aeration on equilibrium content of calcium in submerged aquatic plants 4812

***microbiology***

airborne microorganism, technics for study of survival 17395
ammonium alginate wool as a filter for collecting micro-organisms from large volumes of air 17301
causing hosp. cross-infect. in burns unit for child. 16051
in center for premature inf. in Spain (Sp) 23985
in cold temperature, comparison of various methods of determ. (Rus) 51938
in hosp. in inf. wards, ultraviolet disinfect., protective measures (Ger) 6015
sampling, Diakonov's appar. (Uk) 29557


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

slit-incubator sampler for collection of air-borne microorganisms, design & evaluation 25158

Sporobolomyces marcillae isolated from air 47655

sterilization of air in locales assigned to sterile work, eff. of combined air conditioning & ultraviolet treatment (It) 19181

transm. of air-borne infect. (Rus) 34662

ultraviolet prev. of aerogenic infect. in schools (Rus) 7934

*AIR CONDITIONING see* VENTILATION

AIR POLLUTION

*see also* DUST

*see also* SMOKE

adhesion & removal of particles attached to air filter surfaces 466

air hyg. survey in Ohio, factors in design, organiz. & implementation 40137

by 3,4-benzopyrene vapor, determ. & validity of method 25996

by chlorides & hydrochloric acid, determ. (Rus) 3836

by combustion engines & heating installations (Fr) 25395

by dust & fumes in rock tunneling operations, air testing & ventilation 46885

by dusts & fumes, toxic hazards 30148

by dust in effluent gases, sampling method & appar. 46881

by exhaust gases (Rus) 3818

by fission products in atmospheric dust, scintillation spectrometry (It) 53820

by formaldehyde, permissible concentrations (Rus) 3819

by gaseous acid, estimation in homes 26061

by inorganic salts in northwest Europe, review 40146

by iodine, determ. in short periods with Sandell-Kolthoff cericatalytic method (Hun) 41639

by lead dust in powder metallurgy operations, prev. & determ. of exposure 46883

by lead, technic with specialized air sampling & analysis kit 474

by maleic anhydride, determ. in presence of phthalic anhydride, α-naphthoquinone & benzoic acid (Rus) 3815

by polycyclic hydrocarbons in Gt. Brit., determ. in rural & urban air 40136

by radon, content of ground level air at Harwell atomic energy research center in England 40144

by silica dust in brick manufacturing plants, determ. of concentrations 46884

by silicon dioxide dust causing pneumoconioses in child. (Rus) 49785

by sulfur anhydride, determ. method (Rus) 49801

by sulfur dioxide & particulate matter, features & patterns of occurrence in Cincinnati, Ohio 12223

by sulfur dioxide & smoke from domestic fires in large cities 40142

by sulfur dioxide in Russia (Rus) 3831

by sulfur in England, average distribution around Staythorpe power station 40141

by uranium, maximum permissible concentrations 49855

by vehicular exhaust gases, hazards to passport & custom officials (Ger) 55506

by waste gases (Ger) 23140

by wastes of abrasive factories (Rus) 33321

caused by diffusion of gases discharged from chimney of Harwell atomic energy research center in England 40143

causes & inj. eff. (Fr) 26355

causes & prev. at health resorts (Ger) 36479

causing cancer & bronchitis 37730

causing cancer of lungs 30654

48550

chem. analysis, methods of Industrial Hyg. Group of Los Alamos Scientific Laboratory 11537

chem. testing methods in indust. 11079

continuous automatic environmental air sampler 27817

eff. on solar & terrestrial radiations 40138

in Cincinnati, topographic & meterol. factors 34868

in Germany (Ger) 23142

in Gt. Brit. (Rus) 3811

in Gt. Brit., correlation with density of population per acre & with standardized mortal. ratios for cancer of lung & intestine 40135

in Gt. Brit., legislation, technical provisions of Clean Air Act 40147

in Gt. Brit., value of scientific instruments in control of smoke pollution 21529

in Italy (It) 15895

in London 18813

in petroleum refining 471

integrated air sampling program for radioactive plants 27803

med. research in pub. health serv., progr. 44266

neighborhood contamination control near beryllium-using plants 46423

new sampler for collection, sizing & enumeration of viable airborne particles 28212

new technic for fabric air filter evaluation 466

phenolphthalin colorimetry based on oxidation to phenolphthalein 40140

prep. of air-vapor mixtures of known concentrations for exper. use, dynamic appar. 46886

present-day problems 21680

research needs in modern environment 44268

responsibilities of local health agencies 53680

sampling in rural environs 467

smog, eff. on human health 12222

smog, eff. on lungs, exper. study with dogs 4639

testing laboratory hoods, evaluation of design changes & periodic performance testing 473

types & prev. (Fr) 54133

WHO report 55413

AIRCRAFT

community noise control by aircraft manufacturer 12241

ejection-seat for escape from submerged aircraft 31264

escape from submerged aircraft 18069

health hazards of propellants for new aircraft & rockets 4702

helicopter rescue & transport of sick, litter for (Fr) 29240

heliports for hosp. 40001

liquid oxygen breathing systems, present status 40442

noises, prev. (Rus) 10761

sudden death from being sucked into jet plane motor, mechanism & pathol. anat. (Ser) 45904

toxic substances in airplanes, review (Dut) 12029

zero-gravity flight, research progr. (Fr) 29234

*AIRSICKNESS see* MOTION SICKNESS

ALANINE

*see also* PHENYLALANINE

*Aerobacter aerogenes*, role in growth inhib. by aminopterin & reversal of inhib. action 25872

L-alanine analogues, eff. on spore germination of *Bacillus subtilis* 40445

β-alanine, conversion in vivo & in isolated liver (Rus) 48010

dl-aminoxyalanine, conversion to dl-cycloserine & bacteriostatic properties 36589

pancreatin cleavage of DL-alanine esters producing D- & L-alanines (Ger) 27897

purified hepatic enzymatic prep. in synthesis of alanine from pyruvic acid & ammonia (Rus) 37131

residues in alanine peptides, spectrum analysis 1356

*Streptococcus faecalis*, nature of trichloroacetic acid-soluble metabolites of D-alanine 47700

*ALBAMYCIN see* ANTIBIOTICS

*ALBERS-SCHÖNBERG DISEASE see* OSTEOPETROSIS

ALBINISM

*see also* VITILIGO

in hemorrhagic diathesis with unusual pigmented reticular cells in bone marrow 48057

Noah's albinism 37709

review 548

*ALBRIGHT'S DISEASE see* OSTEITIS FIBROSA

ALBUMIN

*see also* EGG WHITE

*see also* LUCIFERIN

*see also* SERUM ALBUMIN

fate of radiosulfur labeled albumins in exper. animals (Ger) 25890

homologous, placental permeability in rabbits 24499

in nephrosis 50719

α-lactalbumin of cow's milk, allergenicity 7865

radioiodine-labeled, determ. of mode of absorp. of nitrogen by bone marrow (It) 37476

ricin from castor beans, comparison with tox. of its guanidyl, acetyl or benzoyl deriv. (Fr) 37832

ALBUMINURIA

in Bright's dis., diag. & case reports 39717

isolated, diag. & progn. evaluation for pension eligibility before legal retirement age (Fr) 25397

physiol. mechanisms (Fr) 2297

2307

tests after electrical stimulation of tonsils in tonsillitis patients with renal manifest. (It) 19268

with systemic lupus erythematosis, ther. & progn. in pregn. 39726

ALCALIGENES

faecalis, eff. of penicillin on nucleic acid synthesis 40456

faecalis infect., incidence in Calcutta 40924

faecalis infect. simulating typhoid fever (Sp) 15508

faecalis, isolation from blood, clin. significance 8113

faecalis, pathogenic strains isolated from blood, urine, feces & other pathol. material from patients of various dis. 49994

faecalis septicemia in newborn 44064

ALCOHOL, ETHYL

contamination by benzene, determ. method (Ger) 43582

in determ. of hepatic blood flow, 2 methods without using hepatic vein catheterization 32239

pain test in Hodgkin's dis. 28131

sensitivity in Hodgkin's dis., case reports 7645

*anesthesia and analgesia*

intracutaneous, with procaine in radiculitis (Rus) 28832

local alcohol-procaine block in neuritis (Rus) 45690

*effects*

alcohol concentration on phenobarbital solubility in water-alcohol mixtures 16725

determ. in combination with barbiturates 55008

induction of hyperglycemia, hypokalemia & hemoconcentration in dogs, mechanisms 44280

induction of liver cirrhosis, alone & with dietary cholesterol in rabbits (Rus) 52946

on adrenal medullary secretion in man 46692

on allyl alcohol tox. to fungi Helminthosporium turcicum & Rhizoctonia solani 50348

on carp (Fr) 45884

on Chlorella vulgaris 29829

on Chlorella vulgaris, alone & with indolacetic acid 29830

on convulsive excitability of cortex in relation to reticular system of brain stem in rats (Ger) 33984

on exper. seizures in mice, comparison of single doses & chronic admin. 17950

on rotatory acceleration nystagmus in normal subjects (Ger) 27136

on serotonin content & enterochromaffin cell count in gastrointestinal tract after continuous admin. in rabbits (Ger) 54391

on sexual reflexes & sperm count in dogs 8497

shrinkage of tissue with xylene, comparison with diethylene dioxide in histol. 54581

stimulating eff. on epinephrine & arterenol metab. (Ger) 39895

synergistic eff. with barbiturates, morphine & methadon in rats (Ger) 52215

*in blood*

decrease after traum. unconsciousness (Ger) 39029

decrease of concentration in preserved samples (Ger) 39032

determ. (Dan) 55108

eff. of brandy (Ger) 49113

eff. of epinephrine in accid. stress (Ger) 49107

eff. of glucose, fat emulsion & amino acids 12604

eff. of low blood concentration on psychomotor performance 44286

orthostatic factor in normal human subjects (Ger) 27135

relation of concentration to anticonvulsant eff. 16714

*metabolism*

combustion rate after intravenous & intraperitoneal admin. in various mammals (Ger) 3459

eff. of insulin in normal & diabetic dogs 8494

liver, oxidation & conversion to acetoacetic acid in normal & glycogen-deficient intact rat liver (Ger) 49894

oxidation & blood level variations in normal & pathol. humans (Fr) 26300

postmortem diffusion through stomach wall (Ger) 39033

*Saccharomyces aceti* oxidation of ethyl alcohol to acetic acid 19582

*Saccharomyces cerevisiae*, total oxidation (Fr) 26850

*related compounds*

2-chloroethanol pois. (Ger) 46122

p-chlorophenethyl alcohol, bactericidal action in relation to its partition coefficient (Ger) 39239

2-dimethylaminoethanol distribution after admin. to mice, comparison with choline distribution 41279

non-steroidal deriv. with estrogen antag. properties, exper. eff. in mice 3416

2,2,2-trichloroethanol content of urine in relation to atmospheric content of trichloroethylene (Cs) 30946

*therapeutic use*

trigeminal neuralgia, inject. into gasserian ganglion (Ger) 45979

ALCOHOL, METHYL

distribution & elimination after intraperitoneal admin. in rats 24813

elimination after intravenous admin. in rabbits, eff. of acetone admin. 24814

pois., sympt. & ther. 45801

ALCOHOL, PROPYL

virus inhib., eff. of disinfectants, tested in ex-embryonated eggs (Ger) 25253

ALCOHOLIC BEVERAGES

brandy, eff. on blood alcohol (Ger) 49113

prod. & consumption in E. Germany (Ger) 38938

prod. in France (Fr) 38793

sorghum & nipa, liquors of So. Rhodesia 48601

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

wines, clarification with alginates (Fr) 37775
wine content of organic acids & free amino acids, determ. & comparison with grape juice (Fr) 48789A

## ALCOHOLIC INTOXICATION

causing traffic accid., Swedish statist. (Sw) 10169
driving ability at various speeds (Ger) 27147
driving skill 44287
drunken drivers causing traffic accid., incidence & medicolegal interpretation of blood alcohol tests (It) 9311
eff. on drivers' steering movements (Ger) 49112
eff. on driving ability 14322
responsibility of government for death of intoxicated ment. patient causing fight in VA hosp. 27932
so-called scrap iron intoxication & pois. 16601
variability of med. opinions on eff. on ability to drive cars 36418

***blood in***

glutamic-oxalacetic transaminase activity in intoxication in normal persons & alcoholics 4459
glutamic oxalacetic transaminase, comparison with glutamic pyruvic transaminase & lactic acid dehydrogenase (Sw) 54815

***complications***

nystagmus, relation to blood alcohol concentration 35313
positional, nystagmus antihistaminic ther., quantitative tests 35314
sudden death after sublethal alcohol & methadon intake (Ger) 36496

***diagnosis***

alcohol determ. in expired air, problems (Fr) 21764
alcohol levels in body fluids & breath after ingestion of distilled alcoholic beverages 48445
blood alcohol dehydrogenase test (Ger) 49109
blood tests (Fr) 26300
blood tests (Ger) 49014
blood test, comparison with Widmark's theoretical curves (Ger) 27126
breath test (Rus) 34717
by behavioral, handwriting & speech changes, medicolegal aspects 4453
chem. tests, legal aspects 4313
chem. test, legislation in France (Fr) 36092
clin. & laboratory test correlates (Rus) 34710
interpretation of tests, AMA council report 16619
obligatory tests in France in crime, misdemeanor & traffic accid. (Ger) 27139
sobriety tests, types & technics (Pol) 8077
Widmark micromethod, eff. of oral camphor intake (Ger) 27137
Widmark test, errors (Ger) 27141

***experimental***

anat. & pathol. of various internal organs in animals (It) 27468
eff. on blood & liver lipid fractions in rats 739
in rat, test for level of alcohol intoxication 44285

***in infant and child***

fatal wine intoxication (Ger) 36501

***therapy***

ACTH, cortisone & prednisolone, clin. & exper. tests (Ger) 35600
perphenazine & reserpine, comparisons 38031

## ALCOHOLISM

***see also*** **PSYCHOSES, ALCOHOLIC**

definition as dis. entity & methods of ther. 33873
manifest. & differ. diag. 5391
physiopathol. & ther., review (It) 38552
review 47156

***complications***

amblyopia, case report 14113
beriberi, case reports 41429
convulsions, relation to vitamin B6 defic. in alcoholics 30771
fat embolism, incidence 34952
heart changes, ECG study 35171
hepatic coma caused by portacaval anastomosis, case report (Fr) 36121
hyperthyroidism with beriberi-manifest. by congestive heart failure, case report (Fr) 51357
liver cirrhosis, case reports (Fr) 39857
liver cirrhosis, diet ther. (Fr) 9121
liver cirrhosis, thyroid radioiodine fixation test in (Fr) 1454
liver cirrhosis, tuberc. morbidity in (Fr) 31905
liver cirrhosis with diabetes mellitus, incidence 35169
liver cirrhosis with hemosiderosis (Fr) 2482
liver cirrhosis with hepatic coma, classif., diag. & ther. (Fr) 15885
liver cirrhosis with hepatic encephalopathy, clin. pathol. conf. 3982
liver dis. (Sw) 9774
prev. & ther. with vitamins (Fr) 40181
relations between mortal. from liver cirrhosis & mortal. from alcoholism, & between mortal. from liver cirrhosis & alcoholic consumption 10392
sudden death caused by pulm. fat embolism in chronic alcoholics with fatty liver 35229
symmetrical pontine myelinolysis 46444
tuberc. in alcoholics & non-alcoholics in France, statist. (Fr) 21403
tuberc., pulm., failure of antituberc. ther. (It) 29674

***experimental***

eff. of alloxan, carbutamide & insulin on physiol. consumption in rats 8495
eff. of diethylstilbestrol on alcoholic consumption in rat (Fr) 15076
growth & voluntary consumption of alcohol by successive generations of mice 8496
resist. to swimming test in rats 36811

***manifestations***

rank order analysis of sympt. 44290
rum fits, EEG eff. of tranquilizing agents 50904

***metabolism***

carbohydrate metab. & glucose & insulin tolerance in chronic cases 35170

***physiology***

eff. on blood pressure 8502

***prevention and control***

Alcoholics Anonymous & similar organiz. in Scand. countries (Sw) 21810
Alcoholics Anonymous, value in control of sympt. 19095
as indust. & community problem 40114
in Czech. (Ger) 15308
in Czech., organizational problems (Cs) 48668
in Fr. naval personnel, statist. 31940
in France, anti-alcoholic laws (Fr) 36092
in France, psychosoc. factors (Fr) 17659
in Hungary (Hun) 7371
in indust. 16344
in Russia (Rus) 45240
in Sweden, municipal counseling center (Sw) 43253
in Sweden, dispensary with teetotalers' guidance center (Sw) 22131
in Swedish state institution (Sw) 54816
indust. program for rehabil. & prev. of alcoholism 4242
research suggestions 44294
sociol. approach 19918

***psychology***

amnesia & awareness in alcoholics, physiol. & psychol. factors 8505
anthropol. interpretation (Ger) 43107
attitudes of institutionalized alcoholic patients toward ment. hosp. 8503
behavior of alcoholics, comparison with teetotaler (Sw) 54487
compulsion (Ger) 43109
drinking patterns in Japanese legend, hist. & contemporary religions 8506
eff. on ment. hyg. (Por) 4362
etiol. & psychother. (Fr) 36119
figure drawing among incarcerated alcoholics, order of figure 40717
marriage stability of alcoholics 8509
psychodynamic reasons for drinking & types of alcoholism 44291
relation to drug addict. (Fin) 27283
religious factors 8504
scores of alcoholics on Sixteen Personality Factor Questionnaire 4911
soc. correlates of attitudes 44289
Wechsler-Bellevue scale (It) 8620

***statistics***

in Bolivia 8507
in France (Fr) 53595
in France, increase (Fr) 20821
in France, relation to incidence of liver cirrhosis (Fr) 31980
in Greenland (Dan) 33396
in indust. 34866
53674
in rural areas of France, causes & prev. (Fr) 15211
15219
15228
in Russia 44293
incidence in Saarland, Germany after World War II (Ger) 24917

***therapy***

***see also*** **DISULFIRAM**

admission of alcoholics to general hosp. in New York State, statist. & policies of hosp. 52662
2-amino-6-methylheptanol-6 (Fr) 53563
amino-phospholipid-vitamin B complex prep., new & rapid method of disintoxication in chronic alcoholism (Fr) 35614
citrated calcium isocyanate 5240
28149
clin. trials of WHO recommended ther., results in Copenhagen 3181
forced ther. of probated alcoholics 6535
group psychother. in hosp. (Sw) 9775
group psychother. management in hosp. 18749
hydroxydione succinate in acute alcoholism (Fr) 36120
importance of motivation in ther. success 8501
in France, pub. health pamphlet for alcoholics taking the cure (Fr) 36141
in psychiatric hosp. ward, progn. (Sw) 22130
involuntary hosp., advantages & disadvantages 44292
liver extracts, biochem. & pathogen. aspects (It) 42688
lysergic acid diethylamide & mescaline as adjuvants to psychother. 8499
management 4541
methods & limitations (Fr) 44162
methods of Alcoholics Anonymous 42102
open ward management of acute alcoholism 37943
protective treatment of alcoholic offenders in Sweden (Sw) 54817
psychiatric management by GP, train. program with use of GP offices as outpatient & follow-up facility 24625
psychother. 19886
46935
psychother. (Ger) 43108
Quercus rubor glandium spiritus, pharmacol. 16079
reserpine, comparison with disulfiram 44288
sanatoria for alcoholics (Ger) 43114
sudden withdrawal & replacement ther., technic & case reports (It) 44349
tranquilizing agents, indic. & contraindic. 8508
vitamin B6 (Sp) 18850

## ALCOHOLS

***see also*** **AMINO ALCOHOLS**

***see also*** **GLYCERIN**

***see also*** **GLYCOLS**

***see also*** **MANNITOL**

***see also*** **PHENOLS**

***see also*** **SORBITOL**

cetyl alcohol fatty acid esters, metab. & physiol. actions in rats 48442
small colony mutation in Saccharomyces cerevisiae reserve cultures during prod. of alcohol from cane molasses 47626

***determination***

color reactions with fuchsin-sulfurous acid reagent (Ger) 29780
3-methyl-2-butanol & 3-pentanol in products of alcohol fermentation (Fr) 48825

***effects***

alcohol-water mixtures on mutarotation of hexoses & maltose (Fr) 26303
allyl alcohol on fungi Helminthosporium turcicum & Rhizoctonia solani, eff. of ethyl alcohol 50348
butyl alcohol stimulation of erythopoiesis in rats 17581
benzyl & phenylethyl alcohols on preservative eff. of chlorobutanol 16724
blockade of conduction in peripheral nerves, relation to their penetration into monomolecular layer of nerve-tissue lipids 47954
p-chlorobenzyl alcohol bactericidal action in relation to its partition coefficient (Ger) 39229
disinfect. of syringes & cannulae (Ger) 49018
on catalase in hemolyzed blood (Rus) 22649
serofloccular activity in Penn test for cancer 2680

***in blood***

determ. by gas phase chromatography (Fr) 26190
determ. in cadavers (Ger) 27125
eff. of body fluid & blood changes (Ger) 27127
in victims of drowning, eff. of long period of submersion, medicolegal factors (Fr) 26974

***injurious effects***

benzyl alcohol preservative in vitamin B12 for inject. causing hypersensitivity 23529
coma in child caused by isopropyl alcohol sponging, case report 5713

***metabolism***

acetoin & 3-hydroxy-2-pentanone as probable precursors of isoleucine & valine in Neurospora crassa 40550
acetoin biosynthesis by various Streptomyces strains (Ger) 15664
acetoin form. by Ascaris lumbricoides 3523
biosynthetic relations of natural phenolic & enolic cpds., review 27479
cyclic alcohols, specificity of oxidation in Acetobacter suboxydans 47718
5-ketohexonic acids in Erwinia carotovora 47967
Saccharomyces cerevisiae, eff. of pH on alcoholic fermentation (Sp) 8857

***therapeutic use***

anal fissures, procaine-alcohol block (Ger) 55707
pentaerythritol as nutritional aid (Fr) 32412
pentaerythritol, in biliary, vasc. & nutrition disord., indic. & results (Fr) 49749
pentaerythritol in cardiovasc. dis., nutrition disord. & rheum. in aged (Fr) 45032

***toxicity***

allyl alcohol, acute & chronic tox. 11595
allyl alcohol tox. in rats, pharmacol. study 5750

*ALDEHYDE OXIDASE see* DEHYDROGENASES

ALDEHYDES

*see also* ACETALDEHYDE

*see also* FORMALDEHYDE

*see also* PARALDEHYDE

*effects*

- acrolein in control of submerged weeds & dis.-carrying water snails 54418
- acrolein-induced exper. asthma, possible application of pathogen. to human asthma (Fr) 54455
- benzaldehyde & its deriv., eff. on benzoic acid oxidase activity in Mycobacterium frieburgiensis 24026
- glyoxal bis(thiosemicarbazone) & deriv., carcinostatic action 38084
- glyoxal inhibitory action on viruses, phages, bact. & chromosomes (Fr) 10212
- hydroxymethylglyoxal bis(guanylhydrazone), carcinostatic action 38083
- on oxidative phosphorylation of rat brain & liver mitochondria 8498
- pressor eff. of sympathomimetic aldehydes, potentiation by cocaine, ephedrine or tripelennamine 13434

*metabolism*

- indole-3-aldehyde in adrenal tumor & normal pancreas & spleen 19584
- lipid aldehydes in blood, liver & intestine in rat, eff. of somatotropin 32348
- oxidation by Acetobacter suboxydans & eff. on growth 1651
- pyruvaldehyde form. in tumor tissue during glucose catabolism 48578

*preparation of*

- chaulmoogryl aldehyde with optical activity & various deriv. (Ger) 47672

*ALDOLASE see* DESMOLASES

ALDOSTERONE

(Hun) 43430

- aldosteronism & aldosterone defic., clin. aspects (Fr) 43947
- aldosteronism, etiol. & symptomatol. (Sw) 45318
- aldosteronism in congestive heart failure (It) 9276
- aldosteronism in etiol. of ascites in liver cirrhosis & ther. use of aldosterone antag. (Sp) 44516
- aldosteronism in nephrotic synd. (Fr) 41936
- aldosteronism in nephrotic synd., ther., ACTH & adrenal cortex hormones (Fr) 2300
- aldosteronism, intermittent, with cyclic edema, severe hypokalemia & tetany in neurotic woman, case report (Fr) 2485
- aldosteronism, isolation of new mineralocorticoid from urine in (Fr) 15082
- aldosteronism, primary, case report (Sp) 44567
- aldosteronism, primary, caused by adrenal adenomas, anesth. management during surg. 964
- aldosteronism, primary, causing potassium defic. with nephritis (Dan) 10650
- aldosteronism, primary, clin. picture & ther. (Rus) 41650
- aldosteronism, primary, diag. & surg. (Rus) 41649
- aldosteronism, primary, postmortem pathol. 11969
- aldosteronism, primary, review (Fr) 25074
- aldosteronism, surg. indic. (Ger) 29460
- aldosteronism, with adenoma of adrenal cortex & hypertension with refractory edema (Fr) 54377
- aldosteronism with adrenal adenoma, adrenalectomy (Pol) 8089
- aldosteronism with adrenal adenoma, case report 20697
- aldosteronism with Cushing synd. & intestinal hyperabsorp. (Fr) 31097
- importance in clin. med. 29249
- physicopathol., determ. & secretion in various dis. (It) 53799
- radiotritium-labelled aldosterone, biosynthetic prep., detection & stability 13727
- review 30103
- 30112
- review (Ger) 25280

*antagonists*

- Δ4-androstene-17β-ol-3-one-17α-(3-propionic acid γ-lactone) & Δ4-estrene-17β-ol-3-one-17α-(3-propionic acid γ-lactone) 23403
- Δ4-androstene-17β-ol-3-one-17α(3-propionic acid γ-lactone) & its 19-nor analogue, progestational activity in rabbits 31432
- Δ4-androstene-17β-ol-3-one-17α-(3-propionic acid γ-lactone), antihypertensive eff. in rats 24361
- Δ4-androstene-17β-ol-3-one-17α-(3-propionic acid δ-lactone), prev. of adrenal-regen. hypertension in rats 49272
- Δ4-estrene-17β-ol-3-one-17α-(3-propionic acid γ-lactone), antag. with aldosterone in eff. on renal excretion of potassium & sodium 51341
- Δ4-estrene-17β-ol-3-one-17α-(3-propionic acid γ-lactone) ther. of cirrhotic ascites 28997
- Δ 4-estrene-17β-ol-3-one-17α-(3-propionic acid γ-lactone) ther. of congestive heart failure 38010
- 19-nor-Δ4-androstene-17β-ol-3-one-17α-(3-propionic acid γ-lactone), eff. on electrolyte balance in women 12413

*determination*

- in adrenal homogenates from rabbits, technic (It) 37434

*effects*

- on active transport of sodium by frog skin in vivo (Fr) 3043
- on blood pressure & electrolyte distribution in rat 35800
- on liver necrosis in rats 29825
- on potassium & sodium excretion in dogs, comparison of inject. into aorta & into renal artery 12542
- on sodium in erythrocytes 49334
- on sodium reabsorp. in proximal & distal renal tubules of adrenalectomised dogs 31390
- on testis develop. & funct. in young rats 35097
- on thyroid gland uptake of radioiodine in rats (It) 49588
- overdos. eff. on rabbits, comparison with desoxycorticosterone 200
- response of normal humans to large doses 17064
- sodium-retaining eff., inhib. by progesterone 17041

*in blood*

- radioisotope technic for determ. of aldosterone in 2 ml. samples of adrenal vein plasma 40695

*in urine*

- correlation with fecal potassium & sodium, eff. of hypophysectomy 47126
- eff. of phenylbutazone (Ger) 41749
- eff. of thermal dehydration (Pol) 30797
- excess after prednisone & 6α-methylprednisolone ther. of edematous liver cirrhosis, mechanisms (Fr) 37923
- excretion during depletion & repletion of blood potassium in normal humans (Fr) 39892
- in congestive heart failure (Pol) 30796
- in dietary sodium deprivation in normal subjects, significance 17035
- isolation of urinary metabolite of aldosterone & its use to measure rate of secretion of aldosterone by adrenal cortex 33063
- nyctohemeral variations in excretion in heart dis. patients (It) 1936
- nyctohemeral variations in excretion in normal man (It) 1935
- physiol. mechanisms of secretion & quantitative determ. in normal & pathol. cond. (Sp) 53902

*metabolism*

- absence during pregn. in Addison's dis. 50439
- biosynthesis in vitro & comparison of precursors 39210
- form. of deriv. with optical activity from DL-aldosterone upon treatment with liver homogenate (Fr) 26799

*physiology*

- adrenal cortex regulation of secretion 20345
- eff. of diencephalic & mesencephalic lesions on secretion 39191
- eff. of partial ligation of inferior vena cava on secretion in rabbits (It) 37435
- eff. of stimulation of endogenous aldosterone prod. on excretion of magnesium, potassium & sodium 17036
- in etiol. of edema, review 23402
- in liver dis. (Ger) 49677
- increased activity in dehydrated dogs (Hun) 29177
- peripheral & central factors in secretion regulation, review (Ger) 54359
- regulation of secretion & relation to edemas, review (Fr) 25073
- role of vagus nerves in control of secretion in dogs 21715
- secretion, eff. of acute constriction of inferior vena cava in dogs 40695
- secretion rates in dogs, eff. of stretching of heart auricles 49259
- secretion, relation to blood circ., application to etiol. of congestive heart failure, review (Cz) 38125

*preparation of*

- total synthesis (It) 3552

ALEXIA

(Sp) 21095

- alexia in persons with normal vision & braille-alexia in blind, neurol. mechanisms, case reports (Hun) 16274
- in occipital & parietal lesions (Rus) 34814
- with time agnosia & color agnosia, clin. & postmortem pathol. (Ger) 36484

*ALEXIN see* COMPLEMENT

ALFALFA

- carbohydrate composition, identification 1347
- counteracting factor in alfalfa against growth retardation & other toxic manifest. of mineral oil pois. in rat & mouse 17813
- galactomannane in alfalfa, isolation & partial hydrolysis by α-galactosidase (Fr) 26335

ALGAE

*see also* SEAWEED

- action spectra for delayed light prod. by algae in visible & in ultraviolet light 17318
- Anabaena cylindrica, photochem. reduction of elementary nitrogen, enzymic mechanisms 13827
- Anacystis nidulans, isolation of new pteridine & identification as 2-amino-4-hydroxy-6-(1',2'-dihydroxypropyl)pteridine 25414
- autolysis of diatomic algae (Rus) 33162
- Chara, ion fluxes during action potential 51095
- Chlorella, carotenoid oxidase (Ger) 23060
- Chlorella, photosynthesis, Hill reaction (Ger) 23071
- Chlorella pyrenoidosa & Nostoc muscorum, nonphotosynthetic fixation of carbon dioxide 50336
- Chlorella pyrenoidosa, cell wall analysis of chem. composition & electron microscopy of structure 25863
- Chlorella vulgaris, eff. of ethyl alcohol alone & with indolacetic acid on growth 29830
- Chlorella vulgaris, eff. of ethyl alcohol & auxins on growth 29829
- diatom membrane potential, importance for living silica alga cell (Ger) 51939
- Fucaceae, tropistic responses of zygotes to polarized light 37396
- Gymnodium breve, toxin, bioassay & properties 45384
- Hydrodictyon reticulatum, phosphate (Ger) 25312
- marine diatoms from various W. African ports, classif. 18066
- Monodus subterraneous, eff. of organic substances 25302
- Nitella opaca, protoplasmic streaming & wall structure 52287
- Nitella, structural characteristics of developing internodal cell walls 16942
- Nitellopsis obtusa, chloride, potassium & sodium ion transport in 17328
- nitrogen assimilation, review 43283
- nucleic acids 19646
- nutrition & ecol., review 25116
- Platymonas subcordiformis, electron microscopy of cell walls 5088
- polyphosphates, inorganic (Fr) 3488
- polysaccharide, eff. on chick embryos infected with influenza B virus or with resist. variant 44959
- potassium-dependent sodium extrusion 17321
- pyrophosphates in Baltic Sea algae (Ger) 23616
- Scenedesmus obliquus, vitamin B12 & E content (Ger) 34236
- Scenedesmus quadricauda, eff. of luminescent lamps with various luminophores (Rus) 51933
- ther. use & use in agriculture & various indust. (Fr) 8315
- toxic algae, screening of various species 34839
- Tribonema aequale in pure culture, eff. of nitrates, phosphates & pH on growth 25303

ALGINATES

- alginate-cascara alkaloid-dioctyl sodium sulfosuccinate prep. in constipation 40936
- ammonium alginate wool as a filter for collecting micro-organisms from large volumes of air 17301
- clarification of wines (Fr) 37775
- 1-phenyl-2-aminopropane alginate in obesity 18657
- stability of alginate impression materials, eff. of residual stress & water change 17204
- ther. use & use in agriculture & various indust. (Fr) 8315
- wound ballistics study with alginates (Ger) 39030

ALKALOIDS

*see also* BELLADONNA ALKALOIDS

*see also* CINCHONA ALKALOIDS

*see also* COLCHICINE

*see also* ERGOT ALKALOIDS

*see also* MESCALINE

*see also* RAUWOLFIA ALKALOIDS

*see also* VERATRUM ALKALOIDS

- anibine, pharmacol. 19583
- Burasaia madagascariensis (Fr) 48810
- chem., significance in present-day pharmacy (Ger) 43606
- dioscorine & dioscine, pharmacol. comparison 14117
- evoxanthine from Teclea grandifolia (Fr) 48807
- gentianin, anthelmintic eff. & tox. (Rus) 18674
- ieurosine, perivine & virosine from Vinca rosea 16732
- mitraphylline, structure analysis 2830
- muscarone & its stereoisomers, structure & activity (Ger) 39225
- oxypanamine, pharmacol. 51078
- pilocarpine from Amanita muscaria 12475
- rhoeadine, Hofmann degradation (Ger) 47679
- taxin B of Taxus baccata, isolation & properties (Ger) 13367
- ulexine & olivacine from Aspidosperma olivaceum, isolation & properties (Ger) 30596
- Vinca rosea alkaloids 2828
- vincamedine & vincamajine from Vinca species (Fr) 48805

voacorine from Voacanga africana, properties (Fr) 3079

***determination***

aconitine content & total alkaloid content of aconite (It) 37297

Alchornea alkaloids, analysis (Fr) 1044

chelidonine & homochelidonine, structure analysis (Ger) 36458

chelidonine & protopine, separation & determ. of their dissociation constants 19472

chromatographic separation from ptomaines in medico-legal toxicol., review (Fr) 47430

chromatography (Ger) 7957

corydaline & related alkaloids, structure analysis (Ger) 47674

electrophoresis, eff. of pH (It) 31717

flavopereirin, extraction & structure (Fr) 1047

in drugs by precipitation with tetraphenylborohydride sodium, prev. of contamination & precipitating material (Ger) 13360

Ochrosia oppositifolia new alkaloid (Fr) 38651

rhynchophylline & isorhynchophylline, structure analysis 2821

separation of difficult mixtures of alkaloids by electrophoresis (Fr) 24902

Solanaceae alkaloids, separation & characterization by electrophoresis (Fr) 36177

solanaceous alkaloids, comparison of hydrolytic & non-hydrolytic methods for determ. of total alkaloid content of plants 41326

uncarine-A & -B, structure analysis 2815

Vinca minor alkaloids, curare-like eff. (Bul) 45303

Vinca rosea alkaloids isolation & chem. analysis 4180

Vinca rosea alkaloids hypotensive eff., pharmacol. & sedative eff. of fraction V-22 in dogs & cats 4201

***effects***

coniine, resist. of white mice of various ages (Rus) 39342

erythrophleum alkaloids on single twitch & veratrine response of frog musc., antiveratrinic mechanism 51075

eye drops, reinforcement by previous sodium borate infusion into eye (Dan) 48997

harmaline on long-acting monoamine oxidase inhibitors of arterenol & serotonin metab. in brain of mice & rats 49359

oxypanamine, histamine-like eff., mechanism 51079

salsolin & spherophysin, on blood pressure in arteriosclerosis (Rus) 39343

***metabolism***

coniine biosynthesis (Ger) 46167

form. in Nicotiana species (Sp) 49419

permeability of erythrocytes to isotonic solutions of various alkaloidal salts, determ. by hemolytic method 16699

rac-dihydrorotundine, synthesis 14906

***poisoning***

pyrrolizidine alkaloids causing endophlebitis of portal veins (Ger) 55638

***preparation of***

rac-dihydroisorotundine 2822

***therapeutic use***

echinopsin in N. S. dis. (Rus) 46320

pseudotropine tiglic ester from Duboisia in Huntington's chorea 36975

Scopolia himalayensis alkaloid himaline in NS dis. (Rus) 34691

securinine in hypotension (Rus) 28828

securinine in polio. (Rus) 39324

***toxicity***

heliotrine & lasiocarpine & their N-oxides, acute toxic eff. on rats 5613

**ALKALOSIS**

alimentary, eff. on growth rate and protein metab. in rats (Ger) 18339

caused by salicylate pois. (Fr) 43811

diag. & ther. (Por) 53859

eff. on blood & urine levels of ultrafiliterable calcium in man (Ger) 39896

hypokalemic (Por) 8764

induced by sodium sulfate infusion in dogs (Ger) 43020

induction of metabolic alkalosis by adrenal cortex hormones in presence of potassium-restricted diet 47123

pyloric obstruct. causing metabolic alkalosis with kaliopenic nephropathy, case report 28651

renal, eff. on renal elimination of phenobarbital, in dogs (Fr) 48867

resp., caused by salicylate pois., in child. 48785

resp. compensation to metab. alkalosis in dogs, eff. of high oxygen concentration 4656

resp. response in dogs (Fr) 26814

response of extracellular space & blood in nephrectomized cats 35814

review 52994

ther., ammonium & potassium chloride (Cz) 14859

**ALKAPTONURIA**

***see also*** **OCHRONOSIS**

(Dan) 25828

alkaptonuria & ochronosis (Sp) 8169

case in child (It) 6248

homogentisic acid interaction with chondroitin sulfate, spectrophotometry 36917

in E. Indian child 40100

with arthritis, case report 41787

with osteoarthritis, x-ray manifest. 13665

with rheum., case reports (Fr) 5332

***ALLANTOIS see*** **FETAL MEMBRANES**

**ALLERGY**

***see also*** **ANGIONEUROTIC EDEMA**

***see also*** **ANTIGEN-ANTIBODY REACTIONS**

***see also*** **ASTHMA**

***see also*** **DERMATITIS, CONTACT**

***see also*** **DERMATITIS MEDICAMENTOSA**

***see also*** **ECZEMA**

***see also*** **HAY FEVER**

***see also*** **URTICARIA**

allergenic extracts for diag. & ther. of allergy (Fr) 9633

allergenic extracts, prep. & comparison of quality & reliability 50126

anaphylatoxin research, review (Ger) 12185

anaphylaxis with desensitization in determ. antigenic properties of transpl. tumors (Rus) 48016

anergy, relation to skin homograft survival in Hodgkin's dis. 22069

anti-allergic & anti-anaphylactic properties of post-shock CSF (It) 44347

bibliog. 8671 21028 44385 53841

common viewpoints & progr., review 8477

concept, review (Ger) 22963

contribution of Robert A. Cooke 4542

conversion of aromatic amines to quinones & toxic, allergic & carcinogenic activity of end-prod. (Ger) 28942

definition, diag. & ther. 50007

group allergenic specificity, diag. & ther. significance (Fr) 31104

hazards in surg. (Ger) 15309

historical & current clin. concepts 45097

holistic approach to clin. problems of hypersensitivity 40275

local allergic reaction of previously vaccinated skin during Asian influenza 4390

para-allergy in jennerian vacc. (It) 25553

pathogen. & ther. review 46535

review 8325

review (Ger) 22952 55181

review (Rus) 52960

serum sickness as synd. of allergic reactions & as a dis. entity (Ger) 12194

streptoc. allergens, non-scarlatinous (Uk) 29551

to ACTH (Fr) 9627

to ACTH (Pol) 43667

to animal proteins in vaccines & immunizing agents 1129

to antibiotics (Sp) 3324

to antibiotics, antitoxins & sulfonamides, management (Sp) 8967

to antibiotics, fungus extracts & related allergens (Ger) 24301

to anticonvulsants in epilepsy, prednisone ther. of toxico-allergic reactions (Fr) 44711

to antivenin (crotalidae) polyvalent 48216

to barbiturates, causing angina pectoris, antihistaminic ther. (Ger) 22820

to benzathine penicillin G, reactions in rheum. fever prev. in adults 7439

to benzyl alcohol preservative in vitamin B12 for inject. 23529

to carbutamide, fatal case 27102

to castor oil plant, clin. & exper. studies (Fr) 43972

to chloramphenicol ear drops (Ger) 49043

to chlorpromazine, desensitization (Fr) 41948

to chromium, persistence in skin after intradermal inject., comparison with normal patients (It) 42553

to citric acid in recur. Vincent's infect. 4395

to coffee dust in coffee plant workers (Ger) 12189

to contrast media in urinary tract radiography 55045

to cow's milk in inf. & child. 28020

to drugs 28023 42810

to drugs (Ser) 9962

to drugs, case reports 49215

to drugs, determ. of causes of anaphylactic shock in allergic subjects 54521

to drugs, immunol. aspects of antibodies (Fr) 9636

to drugs, nephelometry (Ger) 21611

to drugs, physiopathol. & ther. (Fr) 21330

to drugs, study by combined serol.-nephelometric method & polystyrene-latex technic (Ger) 39670

to drugs with liver involvement, postmortem pathol. 135

to dust in So. Africa, eff. of varying climatic cond. 9829

to Ephestia moths in humans (Fr) 53376

to erythromycin 36340

to erythromycin, fatal case in child 14546

to fluorides 4268

to folic acid (Pol) 43636

to food & inhalants, causing headache 10411

to food, antigenic similarities with inhaled allergens 32441

to food, causing atopic dermatitis in child., review 36237

to food, causing vertigo, case reports (Sp) 9696

to food in asthma (Sw) 45348

to food in child. 50128

to food in child., diag. & ther. 28017

to food in inf. & child., eff. on vitamin A absorp. 1123

to food in recur. Vincent's infect., intradermal food tests 4396

to food, manifest. & detection of allergens in child 1475

to food, seasonal & geographic influences 28027

to food, whey plate agglut. for identification of allergens (Sp) 21774

to gentian violet & methyl green applied locally causing cyanosis & cardiovasc. collapse (Fr) 2408

to hair dyes, pathogen. & prev. (Ger) 34048

to heparin, clin. & exper. study (It) 44176

to honey supplement in inf. feeding, evaluation 1124

to hormones (Fr) 9625

to horse serum causing gastroenteritis (Sp) 44506

to hydroxyzine in meprobamate-sensitive patient 16525

to insect venom 17665

to insulin (Ger) 18279

to isoniazid, PAS & streptomycin, skin tests (Bul) 32779

to Monilia albicans (Ger) 24300

to neomycin-streptomycin (Fr) 9634

to oxytocin, case report (Ger) 23213

to PAS, ACTH ther. (Rus) 45156

to PAS, severe systemic hypersensitivity reactions in tuberc. ther. 926

to penicillin (Bul) 32739

to penicillin (Sw) 32850

to penicillin, anaphylactoid reaction to oral admin. 1172 42128

to penicillin & procaine, determ. by skin tests in dent. patient 43366

to penicillin & serother., allergic cerebral, cardiac & pulm. reactions (Fr) 9628

to penicillin & streptomycin, intradermal test result statist. (Bul) 32777

to penicillin causing anaphylactic shock, ther., artif. resp. 20477

to penicillin, correlation with incidence of abscesses caused by penicillin inject. (Hun) 37237

to penicillin, extreme hypersensitivity (It) 42637

to penicillin in Brit. polio. vaccine, case report 2252

to penicillin, incidence in young adults & review 54595

to penicillin, reactions to local penicillin ther. of burns 6131

to penicillin, statist. (Hun) 52893

to penicillinase, case of anaphylactic shock following ther. 50190

to periston N causing anaphylactic shock (Ger) 36498

to perphenazine causing acute dystonic reaction 48286

to phenobarbital with sympt. of infect. mononucleosis (Ch) 30364

to p-phenylenediamine dye in fur workers 50124

to pignolia nuts in candy 1135

to piperazine citrate causing serum sickness-like reaction, case reports 1288

to Pityrosporum ovale 2160

to procaine penicillin G-aluminum monostearate prep. (Indonesian) 41977

to procaine, relation of allergic eczematous contact type to urticarial anaphylactoid type 36236

to promazine 9303

to quinine, causing thrombopenic purpura (Tur) 22373

to So. African cereal grain dusts 9815

to steroid hormones, subsequent develop. of Loeffler's synd., diag. problems & case report (Sp) 8719

to streptomycin (Rus) 33513

to streptomycin (Ser) 22354

to sulfanilamide causing asthma, case report (It) 36733

to 3-sulfanilamido-6-methoxypyridazine causing acute interstitial myocarditis of allergic nature, case reports 14681



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

to sulfhydryl cpds., skin sensitization in humans & guinea pigs 28442
to viomycin, case of fatal hypersensitivity 14159
to zirconium deodorant, causing granuloma 39928

***blood in***

blood proteins, electrophoresis 36241
histamine form. (Ger) 6094

***case reports***

Asian influenza in allergic patients, clin. aspects 26103
(Rus) 55183

***diagnosis***

allergen tests (Ger) 29430
allergic skin test in dermatitis (Fr) 51362
antigen-antibody reaction, determ. by improved test of passive transm. (Ger) 19395
assembly for washing special needles used in skin-testing for allergy 35667
leukopenic index & other diag. methods in cold allergy (Cz) 14774
skin tests 24309
skin tests (Sw) 54807
turbidity reaction in determ. of sensitizing substances (Sp) 8813

***differential diagnosis***

allergic dis. in internal med. (Ger) 33898

***etiology and pathogenesis***

(Dut) 49769
constitutional & hered. factors, review (Ger) 42869
Cushing synd., incidence 16518
environmental factors (Ger) 24304
gastrointestinal funct. disord., (Sp) 29380
intestinal amebiasis (Ger) 24318
parainfect. & postvacc. encephalitis (Ger) 30043
psychosomatic & infect. origin, review 19905
radiother. causing atypical cutaneous reaction (It) 29606
Shwartzman phenomenon (Sw) 22118
Shwartzman phenomenon in fulminant meningococcemia 35713
tissue ther. causing serum sickness, serol. studies (Ger) 38875
tuberc. (Fr) 46722

***experimental***

allergenicity of cow's milk & protein fractions, eff. of heat treatment, oral sensitization in guinea pigs 20253
allergenicity of cow's milk & protein fractions, eff. of heat treatment, parenteral sensitization in guinea pigs 20252
allergic alteration of wall of small intestine, eff. on stimulation of chemoreceptors in dogs (Ger) 49123
allergic encephalomyelitis in guinea pig, immunochem. 20705
anaphylactic & nonaphylactic responses of organs of immunized guinea pigs in vitro 5748
anaphylactic keratitis in guinea pig (Ger) 51690
anaphylactic microshock, induced in guinea pigs before & during pregn., eff. on duration of pregn., labor & fetus (Sp) 9730
anaphylactic reaction of rabbit pulm. artery in vitro (Fr) 15160
anaphylactic sensitizing capacity of pertussis vaccine, relation to histamine sensitizing property in mice 4339
anaphylactic shock & anaphylactoid reactions, nature & comparative analysis (Ger) 36939
anaphylactic shock & Arthus phenomenon, eff. of N-bis (2-chloroethyl-2-propylamine hydrochloride (Rus) 52965
anaphylactic shock causing hemorrhagic & necrotic reactions in guinea pigs 31393
anaphylactic shock, eff. on body temperature in rabbit (Fr) 26772
anaphylactic shock, eff. on conditioned reflex funct. (Rus) 52963
anaphylactic shock in albino rats, eff. of pretreatment with Haemophilus pertussis vaccine 5784
anaphylactic shock in rabbits pretreated with Semple vaccine, comparison with Hempt vaccine (Ger) 36422
anaphylactic shock induced in guinea pigs by antigen-antibody complexes produced in vitro, optimal amounts of antigen & antibody (Ger) 46272
anaphylactic shock, inhib. by oral lipids in guinea pigs 3479
anaphylactic shock sensitivity of mice, influence of Brucella abortus vaccine 16522
anaphylactic uveitis, osmotic pressure of aqueous humor in rabbits (Ger) 20130
anaphylatoxin participation in anaphylactic shock in guinea pigs (Ger) 28024
anaphylatoxin, vasc. reactions to local admin. in exper. animals, vital microscopy (Ger) 11237
anaphylaxis in guinea pigs with exper. lesions of hypothalamus 1126
anaphylaxis in passively sensitized guinea pigs after subcutaneous eliciting inject. 21708
anaphylaxis induced by subcutaneous inject. of pollen extracts, in guinea pigs (Sp) 9729
anaphylaxis, passive cutaneous, severity as funct. of quantity of antigen & antibody 50009
anaphylaxis, sensitization & desensitization in determ. antigenic properties of drugs (Rus) 34665
anti-anaphylactic eff. of chlorophyll, mechanism (Ger) 36952
Arthus phenomenon, vasc. changes in rabbits 11745
attempted prod. of allergic vasc. reactions in rabbits by serotonin & reserpine (Fr) 40133
auto-sensitization reaction in x-irradiated animals (Rus) 48030
bichromate hypersensitivity in animals (Ger) 24316
cattle & horse serum allergy, competitive aspects (Rus) 48010
correlation of antigen-antibody complex level with complement fixation in serum sickness 31356
cutaneous reaction to soluble antigen-antibody complexes, comparison with Arthus phenomenon in rabbits 17244
1-dehydro-16α-hydroxy-fludrocortisone prev. of anaphylactoid inflamm. in rats (Ger) 24313
detection & specificity of thyroid-specific autoantibodies studied by passive cutaneous anaphylaxis in guinea pigs 31414
eff. of adrenal cortex hormones on resist. to anaphylactic shock in rabbits (Fr) 15161
eff. of anaphylactic shock on phagocytosis (Rus) 7809
eff. of anaphylaxis on nerve-musc. prep. in guinea pigs (Rus) 25735
eff. of antibiotics (Rus) 36404
eff. of calcium pantothenate on induced whealing 36240
eff. of chlorpromazine on passive anaphylaxis in guinea pigs (Ger) 24022
eff. of cortisone on anaphylactic reaction in guinea pigs 25780
eff. of hypothermia on passive anaphylaxis in guinea pigs (Ger) 24021
eff. of medicated sleep in monkeys & rabbits (Rus) 45100
eff. of phenobarbital on active anaphylaxis in guinea pigs (Ger) 24020
eff. of prednisone pretreatment & anaphylatoxin shock on course of passive anaphylaxis in guinea pigs (Ger) 11236
eff. of reserpine on allergic skin reactions in man (Fr) 26779
eff. of sensitization & desensitization coal tar distillate carcinogenesis on rabbit ear (Rus) 20197
eff. of splenectomy on prod. of anaphylactic shock in guinea pig & rat 51081
eff. of streptomycin (Rus) 7799
eff. of total body x-irradiation on resp. (Rus) 51750
egg white edema, relation to serotonin release in rat (It) 37339
electrical & mechanical responses of uterine smooth musc. during anaphylaxis in vitro 47105
electrical reactions in nerves of carotid sinus chemoreceptors in sensitized animals (Rus) 52964
granulomatous lesions as expression of hypersensitive state, exper. in guinea pigs 11773
histamine-liberation from sensitized guinea pig lung slices during anaphylactic reaction, eff. of sodium malonate & succinate & correlation with oxygen uptake 1383
histamine release during anaphylactic reaction in vitro, eff. of inhibitors of oxidative phosphorylation 39260
histamine role in develop. of anaphylactic shock in roosters (Fr) 28022
histamine, serotonin & antigen-antibody complex activity in isolated sensitized guinea pig uterus 16526
histol. appearance of exper. lesions in animals 28019
immune responses of rabbits to ragweed pollen antigens 4397
inhib. eff. of chlorophyllin copper on anaphylactic shock in guinea pigs (Ger) 12183
inhib. factor in serum against proteolytic activity in anaphylactic shock 35322
insulin-induced sensitization of spinal rats to dextran-induced anaphylactoid inflamm. 35803
localized Shwartzman phenomenon, attempted prod. in various species of animals 31282
lung serotonin content in anaphylactic shock (It) 37354
mast cell disruption & histamine content in blood in anaphylaxis in rats, eff. of inject. of Hemophilus pertussis vaccine 19617
mast cell histol. in anaphylactic shock in guinea pigs (Ger) 40134
nonspecific inhib. in guinea pigs 24311
opacities in corneal transplants after exper. keratoplasty (Ger) 51245
passive cutaneous anaphylaxis in mice 17412
phys. properties of soluble antigen-antibody complexes having skin-irritating activity 50528
possible mechanism in etiol. of arteriosclerosis, exper. study (It) 1491
prep. of highly potent hemolytic amboceptor with avoidance of anaphylactic shock in rabbits (Ger) 55696
role of anaphylatoxin during in vitro anaphylaxis 5148
role of tuberc. allergy in pathogen. of tuberc. cavities in rabbit & guinea pig lungs, review 25852
sensitivity to anaphylaxis after inoculation of mice with Bordetella pertussis vaccine, review 1610
sensitization by inhalation of castor bean antigen causing anaphylactic shock in bronchitic guinea pigs (Ger) 23526
sensitization of guinea pigs with esters of gallic acid (Ger) 12198
sensitization of guinea pigs with pollen extracts, subcutaneous method (Sp) 9729
sensitization to food by oral admin. & reversal of allergy by inhalation of antigen in guinea pigs (Sp) 21775
sensitization to nutriments by intraportal inject. in guinea pigs (Sp) 21780
sensitization to pollen, atmospheric agents & nutriments by inject. in guinea pigs (Sp) 21782
Shwartzman phenomenon, eff. of diphenhydramine in rabbits (Rus) 13861
Shwartzman phenomenon, eff. of induced leukopenia & x-irradiation in rabbits 5007
Shwartzman phenomenon, eff. of intravenous inject. of type A influenza virus in rabbit (Fr) 26778
Shwartzman phenomenon induced by bact. endotoxin, prev. by fibrinolytic activity of streptokinase in rabbit 23463
Shwartzman phenomenon, metab. changes in (Hun) 41635
vital microscopy of blood vessels in animals pretreated with hormones & antihistaminics after local admin. of anaphylatoxin, histamine & serotonin (Ger) 22995

***history***

cellular hypersensitivity 63

***in aged***

ther. 16564

***in infant and child***

allergic tension-fatigue synd. 4257
diag. & ther. 17570
etiol. aspects 7261
hypersensitivity to agents other than house dust (Fr) 41139
inhalant allergy & resp. disord. in inf. 1133
musculoskeletal synd., etiol. & manifest. 50012
resp. allergic inflamm. dis. (Fr) 41140
Shwartzman phenomenon possibly causing pyoderma gangrenosum & otitis media, in inf. 23521
skin autonomic & RE funct. & edematization in allergic skin dis. (Pol) 20238
ther., adrenal cortex hormones in allergic dis. (Por) 40222
ther., sanergine (It) 42763
toxi-infect. allergoses (Rus) 20287

***in pregnancy***

ther., basasthman-new (Sp) 21776
toxemia as allergic manifest. 7602

***manifestations***

acute disseminated lupus erythematosus, review (Fr) 37930
acute periarteritis nodosa, demonstrated by presence of plasma cells in arterial lesions 5623
aplastic anemia of possible occup. toxo-allergic origin, in welder (Fr) 47769
appendicopathy, etiol. & case report (It) 39530
cochlea (Fr) 9068
collagen dis., review 50010
diathesis in family of four generations (Ger) 11230
eye dis., classif. 55018
eye dis., desensitization (Ger) 43345
eye, mouth & nose follicles 39300
glomerulonephritis (Ger) 24317
hematuria, diag. (It) 20986
hilar lymph node enlargement (Ger) 19395
in gyn. (Dut) 30010
infarct of small intestine (It) 25538
infect., review (Rus) 55182
lung dis. 38015
43072
myocarditis, review (Ger) 6739
otitis media (Rus) 9891
otolaryngol. 7990
otorhinolaryngol., related hormones 55019
paraparesis, transitory (It) 25702
rectal dis. (Por) 30878
rectum dis. (Por) 16146
resp. allergy, environmental control 13554
resp. dis., differ. diag. from superimposed infect. 5228
resp. dis., eff. of prednisolone on mucosa, clin. & exper. studies (Fr) 36163
resp. dis., occup. (Ger) 13193
resp. tract with sino-pulm. infect., antibiotic ther., review 12774
Shwartzman phenomenon, sympt. (Ger) 23773
Shwartzman phenomenon type of pemphigus acutus (Ger) 51709
sinusitis, management 11716
skin dis. (Ger) 55481
skin dis. in cervical disk lesions (Cz) 38296
skin dis., sandostene-calcium ther. (Sp) 3346

skin dis., sandostene ther. 2612

skin reactions, failure of locally applied corticosteroids to prevent them (Fr) 2422

toxemia & dermatoses in pregn. (It) 21488

urinary tract dis. 28314

urogenital dis. in males, symptomatol. & clin. aspects, review (Ger) 12186

vasculitis (Fr) 979

***metabolism***

sweat electrolytes 33510

***pathology***

anatomopathol. (Ger) 29427

histol. criteria of hypersensitivity 4250

neuro-allergic tissue damage, biochem. aspects 44201

review 19885

***physiology***

Arthus phenomenon tuberculin & atopic types of allergic responses 16527

defense-adaptation reactions to small amounts of heterogenous blood (Rus) 48036

early & late reaction, dependence of cell response on degree of inflamm. stimulation (Ger) 24310

eff. of histamine liberator on skin & on local anaphylactic reactions (Fr) 23525

enzymatic mechanisms, review 13150

histamine release in vitro from leukocytes of allergic persons 4394

mechanism & develop. of sensitization & delayed allergic reaction 38242

passive cutaneous anaphylaxis, mechanism & value as an immunol. tool, review 44384

relation of histamine & serotonin to anaphylactic shock in different species 51096

***prevention and control***

serum sickness (Por) 51637

***psychology***

need-for recognition in psychogenic etiol. of allergy 17151

object relationship in allergic patients, psychoanalytic interpretation 4274

suicidal inclinations (Ger) 4045

***statistics***

in indust., prev. & compensation (Fr) 32406

in Netherlands army (Dut) 29931

occup. allergic dis., incidence 35002

***therapy***

adrenal cortex hormones 10253

adrenal cortex hormones, indic. & contraindic. (Ger) 29431

adrenal cortex hormones, review (Ger) 29429

adrenal cortex hormone sympt. ther., indic. by immuno-allergic factors (Sp) 36096

Amer. Acad. of Allergy report on drugs 4398

anterior pituitary implants in women, relation to possible pituitary origin of allergy (Hun) 41989

2-(p-bromo-α-dimethylaminoethylbenzyl)-pyridine 16521

calcium (Dut) 39551

1-p-chlorobenzyl-2-pyrrolidyl-methyl-benzimidazole penicillin salt (Sw) 45322

chlorpheniramine & diphenhydramine in allergic reactions to intravenous urography, comparisons 19902

chlorpheniramine, comparison of racemic & dextro forms 50764

chlorpromazine prev. of allergic reaction to intravenous inject. of PAS (Fr) 19359

1-dehydro-16α-hydroxy-fludrocortisone in allergic dis. 38833

diphenhydramine-prednisolone ther. for short-term treatment 13148

diphenylpyraline (Por) 16145

hydrocortisone, prednisone & prednisolone (Sp) 32429

hydroxyzine with prednisolone 36243

importance of cooperation of allergist & GP (Fr) 22462

management 18792

methylphenidylacetate with tripelennamine in various allergic dis. (It) 39522

perphenazine 40170, 53840

prednisone (Ger) 3299

principles (Ger) 49082

1-(2-pyridyl)-1-(p-bromophenyl)-3-dimethylaminopropane maleate, clin. trials in allergic dis. (It) 29643

Toxicodendron quercifolia extract 30424

triamcinolone ther. of various allergic dis. 50129

trimeprazine 36238

***ALLIUM*** *see* VEGETABLES

***ALLIUM SATIVUM*** *see* GARLIC

**ALLOXAN**

***effects***

induction of tryptophan peroxidase in rat liver 4754

on acetoacetic acid metab. in liver homogenates, eff. of nicotinamide 52416

on capillary network & circ. in islands of Langerhans in normal & in pregn. rats (It) 49590

on glutathione metab. in rat (Fr) 5764

on glutathione metab. in rat following ingestion of phenanthrene (Fr) 5765

on islet & acinar cells of pancreas, mechanism of initial eff. based on lipid degen. in pancreas, response to fludrocortisone (It) 39356

on physiol. alcohol consumption in rats 8495

repeated small doses on glucose tolerance in rabbits 15584

single inject. on incidence of dent. caries in rats 2081

***therapeutic use***

inflamm. of eye (Ger) 19042

***ALLOXAN DIABETES*** *see* DIABETES MELLITUS, *experimental*

***ALLYLNORMORPHINE*** *see* NALORPHINE

***ALOE*** *see* CATHARTICS

**ALOPECIA**

***case reports***

hair growth after procaine ther. of asthma in alopecia of 40 years duration (Ger) 51853

mucinosa with grouped papular eruption & alopecia of scalp 23361

***complications***

with progressive facial hemiatrophy & heterochromic cyclitis (Fr) 40809

***differential diagnosis***

pseudopelada from alopecia areata 49982

***etiology and pathogenesis***

cervical arthroses causing alopecia of occipital region through neural irritation (Fr) 47379

common-most causes in women (Fr) 43964

diffuse due to trauma (Ger) 27115

keratodermatitis follicularis decalvans 11579

nylon brush 2048

traction alopecia in young girls with pony-tail hair arrangement 25

***heredity***

ciliary & superciliary 26069

***in infant and child***

with onychodystrophia & glossitis (Ger) 27110

***pathology***

hair bulb & papilla, geometric interrelations in normal & in alopecic scalp 28443

***therapy***

bis-(dodecyl-trimethylammonium)-polythiosulfate in refractory alopecia seborrhoeica 42155

maligna, hydrocortisone ther. (Ger) 39794

6α-methylprednisolone in alopecia totalis & universalis 51603

seborrheic alopecia in adolescence (Fr) 15226

vitamin A in alopecia cicatrisata 23364

vitamin D2 (Fr) 37890

**ALOPECIA AREATA**

etiol. & histopathol. 14554

***complications***

with central pigmented nevi (Ger) 4005

***differential diagnosis***

pseudopelada 49982

***therapy***

ancient & modern methods (It) 52101

hydrocortisone (Ger) 39794

iodine with paraffin, local admin. (Rus) 9869

6α-methylprednisolone 51603

**ALTITUDE**

***see also*** ATMOSPHERIC PRESSURE

***see also*** SPACE FLIGHT

air travel in cardiovasc. dis. & pregn. (Fr) 29235

appar. for blood pressure determ. in high altitudes (Rus) 45898

high altitude research in laboratory in Bolivian Andes 4699

***effects***

acclimatization at different temperature on indices of oxygen transport, utilization & storage in various rat organs 23284

acclimatization, research centers at 6,800 metres (Fr) 15191

acclimatization to altitude on metab. response to cold, neutral & hot environments in rat 35824

high altitude on course of inhalation anesth. 4533

induction of resp. disord. (Fr) 20680

on basal palmar sweating in mountain climbers 48281

on bone marrow activity in newborn inf. 51045

on ears, sinuses & teeth (Sw) 29222

on ECG during 1st month of residence at high altitude 55883

on ECG, early changes produced by ascending to high altitudes 451

on electrolyte metab. during acclimatization to high altitude 55882

on heart, adaptation (Cz) 38205

on incidence of spontaneous leukemia in C58 mice 28530

on lipid metab. in rat 35825

on metab. in cold-, neutral- & heat-acclimated rats 35823

on oxygen transport, utilization & storage in rats at different temperatures 16815

on precorneal lenses (Fr) 14362

on resp. responses to carbon dioxide during natural sleep, comparison with responses at sea level 16810

on tox. of codeine & phenobarbital in rats 48372

on work & diet, high carbohydrate diets for work at high altitudes, value (Fr) 39474

sleep & wakefulness in mountain climbers at high altitudes 48280

tolerance of rats to high altitude after admin. of procaine & p-aminobenzoic acid (Rus) 13857

***therapeutic use***

high altitude & decompression ther. of whooping cough in airplanes (Dut) 12031

high altitude sanatoria in ther. of pulm. tuberc. in aged (Rus) 31179

***ALTITUDE SICKNESS*** *see* ANOXIA

**ALUMINUM**

aluminum chloride & aluminum nitrate, antiperspirant eff. & duration of eff. (Fr) 38852

powdered aluminum alone & with powdered quarts eff. on lungs of rats 5656

***ALUMINUM GELS*** *see* ANTACIDS

***ALUMINUM HYDROXIDE*** *see* ANTACIDS

**ALUMINUM SILICATE**

bentonite, cation exchange properties with application to assay of pharmaceuticals 40373

bentonite dessication of Saccharomyces cerevisiae, survival & preserv. of fermenting & resp. systems (Fr) 3050

burned kaolin, eff. on lungs & peritoneum of rats (Ger) 47908

kaolin causing pneumoconioses in Singapore, case reports 6484

kaolin pleurodesis ther. of spontaneous pneumothorax 15548

***ALZHEIMER'S DISEASE*** *see* PSYCHOSES, PRESENILE

***AMAUROSIS*** *see* BLINDNESS

**AMAUROTIC IDIOCY**

(It) 35584

amaurotic idiocy as degen. process of CNS, case report (Sp) 8881

atypical (Sw) 43243

blood & CSF in juvenile type, electrophoresis (Fr) 35253

in Hindu inf. 5173

juvenile, serum lymphocyte vacuolisation in healthy parents & siblings of patients 24898

relation of juvenile Spielmeyer-Vogt form to adult Kuf form 24072

with macular degen., case report (Fr) 26367

with spongy degen. of nerve centers (Fr) 9142

***AMBIGUUS NUCLEUS*** *see* NERVES, VAGUS

**AMBLYOPIA**

***see also*** BLINDNESS

***complications***

convergent strabismus, preop. or postop. ther., advantages (Ger) 28900

***etiology and pathogenesis***

alcoholism, case report 14113

electric-arc welding amblyopia 35782

strabismus, objective determ. of visual acuity (Ger) 24274

***in infant and child***

detection & ther. (Fr) 21351

***physiology***

eye fixation, determ. (Rus) 22551

nasal-temporal hemiretinal differences in amblyopia with & without strabismus 663

selective perception & autonomic response in hysterical amblyopia 94

visual acuity, determ. by Snellen chart 2087

***statistics***

unilateral, in Gt Brit. 48282

***therapy***

occlusion of 1 eye & orthoptics (Fr) 26368

partial occlusion by polarized glasses (Ger) 28915

reeduc. method (Sp) 29370

**AMBULANCES**

disaster ambulance & mobile first-aid station 40111

in Netherlands army (Dut) 29933

oxygen supply & artif. resp. in (Dan) 52727

radiation protection of ambulance personnel during conveyance of patients containing radioactive materials 52184

***AMEBA see*** **AMOEBA**

**AMEBIASIS**

(Por) 44458

bronchopulm. 27261

cerebral, pericardial & pleuropulm., review 10127

classif. & manifest. (Sp) 3330

Endamoeba invadens relation to hosts, review 35157

life cycle of Endamoeba histolytica & serodiag. (Sp) 18862

lungs (Fr) 21376

***case reports***

lungs (Rus) 51222

***complications***

adrenal cortical insuff. in chronic amebiasis 50613

pleurisy (Fr) 43735

***diagnosis***

(Por) 16150

in GP. 10425

***epidemiology***

geographic distribution (Fr) 26979

in Bulgaria (Bul) 32784

in Cuba (Sp) 21163

in institution for ment. defectives 46967

in So. Africa 9816

***experimental***

new method for studying course of infect. 24707

pathogenicity of Acanthamoeba for mice & monkeys, histopathol. 47090

***immunology***

bone marrow form. of antibodies in rabbits 9784

prep. of antigens for complement fixation, technic (It) 54234

***metabolism***

proteins (Ger) 6719

***therapy***

5,11-bis-(piperonylamino)-pentadecane, results in humans 36567

camoform 40913

chloroquinaldol (Sp) 18848

drug ther., review (Por) 42191

emetine in undeterm. pleuropulm. amebiasis, case report (Fr) 50556

kanamycin (Sp) 51658

9-(3-octylaminopropylamino)-bens-(c)-acridine (It) 44368

4,7-phenanthroline-5,6-quinone (Por) 40223

4,7-phenanthroline-5,6-quinone & monosemicarbazone 40919

4-7-phenanthroline-5,6-quinone monosemicarbazone 27977

4,7-phenanthroline-5,6-quinone semicarbazone (Por) 16139

progr. (Por) 16137

***transmission***

host-parasite relations, factors in public health prov. programs 21542

**AMEBIASIS, HEPATIC**

correlation of clin. & pathol. characteristics 8491

diag., progn. & ther. 35679

***case reports***

(Dut) 19734

(Rus) 45697

in Gt. Brit. 43794

***complications***

active thoracic congestion caused by non-suppurative amebiasis, case report (Fr) 17661

***differential diagnosis***

peptic ulcer perf. from rupt. of amebic abscess, case report 10976

***epidemiology***

in No. Korea (Ca) 26533

with abscess in Fr. military hosp. in No. Africa (Fr) 14363

***in infant and child***

in Mexican child. (Sp) 37257

***therapy***

chloroquine & emetine (Sp) 31844

chloroquine diphosphate with diiodohydroxyquinoline in liver abscess (Sp) 21162

chloroquine, in emetine-resist. amebic hepatitis (It) 9299

erythromycin in amebic abscess 24709

needle aspiration of abscesses 8003

**AMEBIASIS, INTESTINAL**

***case reports***

50320

in Gt. Brit. 43794

***complications***

multiple perf. of colon & peritonitis after antibiotic ther., with liver abscess (Fr) 36660

pericolitis with ileosigmoid & vesicosigmoid fistulas (It) 23756

with intestinal ulceration (Rus) 45241

***differential diagnosis***

(Ger) 27679

***etiology and pathogenesis***

allergic pathogen. (Ger) 34318

***in infant and child***

in Mexican child. (Sp) 37257

in newborn, case report (Fr) 30479

***manifestations***

unusual manifest. (Fr) 45025

***pathology***

ameboma, review (Fr) 42033

rectosigmoid mucosa, comparison with normal subjects (Sp) 8908

***therapy***

bacitracin-streptomycin prep. 4194

β-chloro-α-dichloroacetamido-p-chloropropiophenone & N-(β-hydroxyethyl)-N-(p-[4'-nitrophenoxy]benzyl)-dichloroacetamide 16309

chlorquinaldol (Ger) 55575

licorice extracts (Fr) 51511

4,7-phenanthroline-5,6-quinone 17432

4,7-phenanthroline-5,6-quinone semicarbazone (Fr) 6417

**AMENORRHEA**

8123

classif., diag. & case reports (Ger) 3268

diag. & ther. (Fr) 43845

diag. & ther. (Rus) 45113

duration in lactating Indian women 49478

incidence & etiol. (Ger) 27700

primary, etiol. & diag. 49815

spontaneous cure of secondary amenorrhea & oligo-hypomenorrhea, statist. 23818

***case reports***

primary (Nor) 54983

***etiology and pathogenesis***

chromophobe adenoma causing prolonged amenorrhea, case report (Fr) 3131

genital tuberc. 17836

pituitary chromophobe adenoma causing Forbes-Albright synd. of amenorrhea with galactorrhea (Fr) 36054

primary amenorrhea (Fr) 15186

retroperitoneal paraganglioma (Dut) 30001

uterine maldevelop. & dis., ther. (Pol) 27603

***physiology***

eff. of human FSH on ovarian funct. 40667

eff. of progesterone & 17α-hydroxyprogesterone caproate on endometrial histol. in secondary cases 13203

endocrine aspects 2993

hypothalamic, physiopathol. (Sp) 39624

***therapy***

diethylstilbestrol, causing hemolytic anemia in patient of pulm. tuberc. with liver dis. 22329

estradiol benzoate - progesterone prep. in secondary amenorrhea, oral admin. 27994

estradiol 17-cyclopentylpropionate & estradiol 17β-n-valerate (Sp) 53359

estrogen & progesterone in crystal form, eff. of crystal size on estrin withdrawal hemorrh. (Ger) 27699

estrogens, eff. on urinary pituitary gonadotropins (It) 44280

gonadotropins (Fr) 15162

siccacell ther. (Ger) 16106

***urine in***

gonadotropin excretion in untreated cases 50518

***AMETHOPTERIN see*** **FOLIC ACID ANTAGONISTS**

**AMIDASES**

adenosine deaminase in blood in bronchial & other cancers (Ger) 18335

adenosine deaminase in growing cartilage (It) 1862

5'-adenylic acid deaminase activity of myosin, separation from myosin ATPase 3456

amino acid amidases, simplified method for determ. in tissue cultures 20764

arginase activity of normal & pathol. human skin 28440

arginase activity of various cell strains after long cultivation in vitro 16950

arginase in blood in typhoid fever in child. 5189

arginase purification & crystallization 1674

arginase purification by continuous paper electrophoresis (Ger) 49898

aspartase from Bacterium cadaveris, mechanisms 16931

aspartase, stereospecificity 16932

creatinine desimidase from Clostridium paraputrificum, mechanism of action of crude & purified extracts 13806

5'-desoxycytidylic acid deaminase from Paracentrotus lividus, enzyme actions 1713

eff. of pH on bact. deamination (Fr) 36954

gastric urease inhibitor in blood serum, possible antibody nature (Ger) 27911

glutaminase activity of fetal membranes & kidneys of pigs 52395

glutaminase & glutamine-α-keto-acid transaminase - deamidase in homogenates of various guinea pig organs (Ger) 37908

glutaminase distribution in mammalian kidney, relation to prod. of urinary ammonia 12538

histidase in liver of rats fed p-dimethylaminoazobenzene, electrophoresis 49665

phosphate-activated glutaminase from dog kidney cortex, prep. & properties 38263

ribonucleic acid deaminase in liver of rats fed p-dimethylaminoazobenzene, electrophoresis 49667

threonine deaminase from rumen microorganism, purification & properties 1643

**AMIDES**

***see also*** **PROCAINE AMIDE**

aryl sulfamates, enzymic synthesis 13816

N,N-diisopropyl-2,2-dichloroacetamide as molecule responsible for certain pharmacol. eff. attributed to vitamin B15 (It) 37497

dimethylformamide pois. in synthetic textile factory workers (Fr) 47763

3-hydroxy- & 3-alkoxy-2-naphthoic acid amides, synthesis & pharmacol. 16706

p-hydroxyphenylamides of various acids, synthesis & choleretic action (It) 49407

N-(3-isopropylaminopropyl)-2,2-diphenylacetamide, prev. of arrhythmia during hypothermia in dog 36343

phenylbutyramide eff. on blood cholesterol, alone & with nicotinic acid, in hypercholesteremic dogs & humans 461

**AMIDINES**

***see also*** **PENTAMIDINE**

***effects***

aminoguanidine on gastric secretion in dogs 12520

1,3-bis(p-amidinophenyl)-triazene on trypanosomiasis congolense in mice & rats (Ger) 46258

decamethylene diguanidine, on liver, in guinea pigs 5620

dodecamethylene diguanide & phenylethyldiguanide, comparative hypoglycemic eff. (Ger) 15628

dodecamethylene diguanidine-induction of liver lesions in rabbits 5681

guanidine hydrochloride, on irritability in isolated medullated nerve fibers (Ger) 30546

guanidobutyramide, oxidation of L-arginine in Limnaea stagnalis (Fr) 15115

***metabolism***

arcaine, presence in leech Hirudo medicinalis L. (Fr) 15089

condensation reactions of N-guanidino-p-benzoquinone imine hydrazine deriv. & antibact. activity of 1 deriv. 40387

glycocyamine & phosphoglycocyamine in creatine & phosphocreatine synthesis by liver & musc. homogenates (It) 37359

hydroxyguanidine form. in enzymic cleavage of canavanine in Pseudomonas 28263

phosphagens & related guanidines, biochem., review 20342

## AMINES

***see also*** CHLORAMINES

***see also*** ETHYLAMINES

***see also*** HYDROXYLAMINES

***see also*** PHENYLETHYLAMINES

***see also*** SPERMINE

3-aminoisocamphane N-alkyl, -acyl & -alkylaminoacyl deriv., pharmacol. (It) 37287

aminoketone deriv. of 3,4-di-(p-methoxy)phenyl-hexane, chem. & pharmacol. (Fr) 3053

aminoketones, prep. & relation of chem. structure to eff. (Ger) 7969

aromatic amines, chromatography, methods & problems (It) 53815

benzylidene-alkylamines, reduction by activated aluminum in alcoholic solution (Ger) 1329

benzylidene-arylamines, reactions with mixtures of magnesium & magnesium iodide (Ger) 47677

β-keto-amines, reactions with o-nitrobenzaldehyde (Ger) 47671

phenylacylamines in prep. of 2,5-diphenylpiperazine by alkaline cyclization (Fr) 36182

***antagonists***

antihistaminics inhibiting various biologically active amines with smooth musc. contracting eff. in rats (It) 13977

***determination***

biogenic amine constituents of Coprinus comatus (Ger) 36460

free amino groups in native & in denatured ovalbumin, determ. by 1-fluoro-2,4-dinitrobenzene 13719

hexosamines, review 6759

in hair dyes, paper chromatography (Fr) 42831

trimethylamine detection in king crab (Ger) 49903

***effects***

aliphatic & aromatic amino ethers on duration of drug-induced sleep, relation of chem. structure to central eff. (Fr) 24748

allylamine on protein, lipid & polysaccharide composition of dog aorta 35826

aminoacetonitrile admin. & its withdrawal on fract. healing in rats 2055

aminoketones on body temperature & basal metab. in rats & potentiation of various drugs, comparative studies (Hun) 29173

diaminodiphenoxyalkane-induction of retinal degen. in rabbits 2103

dimethylnitrosamine hepatotoxic action, inhib. of protein synthesis in rat liver in vivo 37062

ethyl-methyl-iso-octenyl-amine, on gastric secretion in normal subjects (Sp) 21158

indust. aromatic amines, induction of bladder tumors in man & exper. animals 44086

methylamine on alkaloid synthesis by Datura stramonium 50258

on brain & liver in hypoxic convulsions in cats, electrophoresis (Ger) 25380

spermidine on growth of various species of yeasts 31435

stimulation of frog musc., structure-activity relationship (Ger) 23636

trimethylamine & its homologs renal conservation of trimethylamine oxide in dogfish 47115

tris-(dimethylaminoethyl)amine tri-HCl on gastrointestinal tract, x-ray & gastroscopic manifest. (Ger) 27537

***in blood***

complex form. of alkylamines with methomoglobin (Ger) 25904

hexosamine determ. in scleroderma (Hun) 41622

***in urine***

catecholamines, in hypertension of old age (It) 27614

catecholamines, in pheochromocytoma 39728

***metabolism***

acetylation & nitrosation of amines causing reduction of azure eosin staining of tissue components 17386

adrenal medulla content in mice in relation to sex, age & eff. of orchiectomy (Fr) 40857

cadaverinolytic activity in vitro of blood of pregn. women, eff. of estrone & progesterone (It) 29629

conversion of aromatic amines to quinones & toxic, allergic & carcinogenic activity of end-prod. (Ger) 28942

diazotizable amine prod. by Saccharomyces cerevisiae, chem. nature & factors affecting accumulation 5093

dimethylnitrosamine in various rat organs in vitro, relation to hepatotoxic action 37061

dimethylnitrosamine metabolites in rats & mice 37065

indole- & phenyl-alkylamines, release from tissue of lower vertebrates & mollusca after reserpine admin. (It) 36599

oxidative pathways in metab. of biogenic amines, review 31888

spermidine biosynthesis from putrescine & methionine 16913

trimethylamine in marine mollusks (Fr) 38718

trimethylamine oxide, tubular secretion by aglomerular kidney of fish 17324

***poisoning***

ptomaines, chromatographic separation from alkaloids, medico-legal application, review (Fr) 47430

***preparation of***

hexosamine sulfates, chem. synthesis 52389

radiochem. synthesis of amines from simple molecules (Ger) 55559

***therapeutic use***

5,11-bis-(piperonylamino)-pentadecane in amebiasis in humans, results 36567

4,4'-diamidinodiphenylamine in plasma cell myeloma 17286

pressor amines in hypotension appearing after cessation of arterenol intravenous drip admin. 48131

***toxicity***

octadecylamine, chronic tox. in rats 23380

***AMINES, SYMPATHOMIMETIC*** ***see*** SYMPATHOMIMETICS

## AMINO ACID MIXTURES

***effects***

aminopeptide, on hemorrh. in dogs (Rus) 22530

corps-67-62, hypocholesteremic activity (Fr) 54904

nutritive value as casein substitute for mealworms (Fr) 36602

ointments containing protein hydrolysates on healing of exper. wds. (Ger) 36920

protein hydrolysates, antidiuretic eff. in humans with various dis. 40105

protein hydrolysate BK-8, on higher nerv. activity in rats (Rus) 11519

reversal of Aspergillus niger growth inhibited by m-dinitrobenzene 31460

***therapeutic use***

amino acid-vitamin prep. in alcholic psychoses (Fr) 18560

hydrolysin L-103 (Rus) 22529

premature inf. (It) 52124

***AMINO ACID OXIDASES*** ***see*** DEHYDROGENASES

## AMINO ACIDS

***see also*** ALANINE

***see also*** ARGININE

***see also*** ASPARAGINE

***see also*** CYSTEINE

***see also*** CYSTINE

***see also*** ETHIONINE

***see also*** GLUTAMATES

***see also*** GLYCINE

***see also*** HISTIDINE

***see also*** KYNURENINE

***see also*** LEUCINE

***see also*** LYSINE

***see also*** METHIONINE

***see also*** PROLINE

***see also*** SERINE

***see also*** TYROSINE

***see also*** VALINE

alkyl-hydrazides of amino acids, eff. on monoamine oxidase activity in vivo & comparison with iproniazid (Ger) 27850

amido-nitrogen content, microdeterm. (Ger) 49896

amino acid-adenylic acid mixed anhydrides, prep. & properties 1372

amino acid ester hydrolysis by trypsin, influence of changes in dielectric strength of medium 50575

γ-aminobutyric acid metab. & physiol. funct. & bioassay in brain extracts as factor I 31889

as protein substitutes (Ger) 945

carbobenzoxylated, rate of hydrolysis with ficin 24114

carbonyl cpd. & sulfur cpd. yields from gamma-irradiated amino acids 31603

diag. & ther. significance, review (Ger) 18911

direct & indirect chem. changes induced by radiations (Ger) 9993

metab. & ther. use in nerv. dis., review (Pol) 43681

neuraminic acid & sialic acids, chem. 26280

neuraminic acid, chem. & metab., review (Pol) 30900

neuraminic acid, review (Pol) 52304

nonlosaminic acids, review 35549

oxidation by purple pigment 4-(4'-hydroxy-2'-carbethoxy-1'-pyrrolidinyl)-5-methyl-o-benzoquinone in vitro 3438

***antagonists***

control of differentiation in fern gametophyte by amino acid analogs 3492

***deficiency***

dietary, eff. on blood cholesterol levels in chicks 41230

dietary, eff. on blood pressure in rats (Rus) 33625

in cancer patients, significance (Fr) 43965

***determination***

amino-oxy basic amino acids, colorimetry with Jaffe's reaction 15670

availability to man from foods, determ., general methods 5556

bound amino acids in protein-free extracts of Italian ryegrass, characterization 13742

canavanine & related cpds. in leguminous plants 37064

N-carbamoyl deriv. of amino acids, chromatography with 2-oximino-3-butanone (Fr) 26321

chromatography of 4 new synthetic amino acids of α-amino-β-hydroxyl structure (Sp) 8883

chromatography, rapid method for qualitative analysis 3511

chromatography with automatic recording appar., review 49465

citrulline-like material unrelated to carbamyl aspartate or carbamyl phosphate, detection in pigeon & rat liver homogenates 47975

diaminopimelic acid determ. by rapid & sensitive technic (Fr) 26310

2,4-dihydroxy-6-methyl-phenyl-alanine isolation from seeds of corn cockle & structure analysis (Ger) 25893

free & combined acids in chick embryo extracts, electrophoresis & chromatography (Fr) 3086

in amniotic fluid, fetal & maternal serum 24501

in cereals & leguminous plants (Rus) 22680

in chlorotic leaves 13734

in collagens & their gelatin deriv. from various sources 37092

in Coprinus comatus (Ger) 36460

in food proteins, quantitative determ. by single ion-exchange column 13757

in gliadin (It) 20960

in grape juice & in wine, comparison (Fr) 48789A

in milo, adequacy for growth in rats 17807

in mother liquor of glutamic acid HCl, technic for separation (Fr) 7316

in small quantities of protein hydrolysates (Rus) 22658

in soil, variations in content (Fr) 38638

labeled acids in study of pigments of insect integument, radioautography (Fr) 26899

new method for resolving amino acids by metab. of bact. on benzoyl deriv. of DL-amino acids 7296

paper chromatography (Tur) 45488

quantitative determ. by high-voltage paper electrophoresis & automatic recording of individual extinctions (Ger) 49918

quantitative paper chromatography with modified ninhydrin reagent (Hun) 41634



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

reactions of thiophenol-activated amino acids with proteins in side-chains in vitro, ultramicro method for Edman's sequence analysis of radiosulfur-labeled peptides (Ger) 25903

sequence in bovine ACTH (It) 3550

sequence in diisopropylphosphoryl group in diisopropylphosphoryl-trypsin 40494

sequence in fibrino-peptides A & B 40543

o-sialic acid configuration 19664

sialic acid determ. by periodic acid-Schiff reaction (Fr) 5091

ultraviolet fluorescence of aromatic acids crystals (Rus) 37146

***effects***

α-amino acids & their guanidino deriv. on spontaneous & evoked cortical activity in regions of blood-brain barrier destruction in cat 27323

amino acid supplementation & availability in oat diets 50962

γ-aminobutyric acid antagonism of actions of serotonin & nicotine on isolated organs 41347

γ-aminobutyric acid on blood pressure, determ. of site of action in animals 50073

γ-aminobutyric acid on junctional potential & contraction of crayfish muscle 49370

4-aminobutyric acid on contraction of smooth musc. prep. in vitro 51105

4-aminobutyric acid on exper. epilepsy in dogs (It) 1903

4-aminobutyric acid on synaptic transm. in spinal cord 7162

γ-aminobutyryl-choline, eff. on EEG in cats & rabbits 29865

enhancement of ACTH 47122

gamma aminobutyric acid, blocking action in isolated synapses of stretch receptors of crayfish & lobster 28557

nonessential amino acids on growth of single cells in dialyzed serum media 54402

nutritive value as casein substitute for mealworms (Fr) 36603

on actinomycin biosynthesis by Streptomyces antibioticus 52293

on Bacillus anthracis oxygen uptake (It) 54239

on blood alcohol 12604

on body weight & composition in rat, comparison with chlortetracycline (Fr) 38682

on excystment of Schizopyrenus russelli 5090

on glucose fermentation by Propionibacterium freudenreichii 28214

on growth depression by unheated soybean meal diets in chicks 1385

on nitrogen & energy requirements for maintenance of normal & of protein-depleted adult roosters 42136

on nitrogen balance in various pathol. cond., intravenous admin. (Fr) 54900

on nutritive value of peanuts differently processed 17825

on propagation of Miyagawanella in mouse fibroblasts 17246

on protoplast form. of E. coli, comparison with penicillin- & lysozyme-induced protoplast, review (Fr) 32290

ornithine-aspartic acid mixture on chronic carbon tetrachloride pois. in young rats (It) 1881

O-sialic acid, inactivation of chorionic gonadotropins (Ger) 28951

supplementation of corn during high-protein diet on nitrogen retention in child. 50959

supplementation of corn during medium-high protein diet on nitrogen retention in child. 50960

varying levels in perfusate on somatotropin & insulin action on metab. of isolated perfused liver 5261

***in blood***

δ-aminolevulinic acid synthesis in chick erythrocyte prep., relation to Krebs cycle 13741

as products of blood coagulation 1376

eff. of α-lipoic acid on level after glycine loading in normals & in liver dis. patients (It) 36721

excess in essential hypoproteinemia, enzyme activity determ. (Fr) 54350

free amino acids in infect. hepatitis in child., chromatography (Pol) 43652

from suprahepatic vein & inferior vena cava, in normal subjects, comparison (It) 47824

hemolymph, high concentration of free amino acids in insects 36613

immedjate eff. of insulin & tolbutamide after intravenous admin. 31288

in acute renal failure, eff. of extracorporeal hemodialysis 38624

in cancer, determ., technic & diag. value (Fr) 51361

in exper. inj., eff. of adrenalectomy (Cz) 38258

in infect. hepatitis in child., eff. of oral protein load (Ger) 13090

in malnutrition in child. 36530

in sickle cell erythrocyte stroma (Ger) 6097

in vertebrates 36613

iodated amino acids in human blood, chromatography (Sp) 21157

levels in malignant dis. 4176

levels of individual free amino acids of normal man at various intervals after high-protein meal 40687

method for determ. from small quantity of blood (Ger) 15464

neuraminic acid-containing mucoprotein detection in bovine erythrocyte stroma (Ger) 27892

neuraminic acid-containing muco-proteins of bovine erythrocyte stroma inhibiting virus hemagglut. test (Ger) 27919

neuraminic acid in normal rabbit blood (Ger) 46086

neuraminic acid in salpingo-oophoritis, eff. of pyrexal ther. (Ger) 18938

sialic acids, determ. 13802

***in cerebrospinal fluid***

determ. & clin. importance (Ger) 6087

determ., chromatography, technic (It) 32157

free amino acids, chromatography & electrophoresis 19581

***in urine***

abnorm. chromatographic patterns in various dis. 24826

alpha-amino-nitrogen excretion, influence of dietary protein intake (Ger) 16370

β-amino-isobutyric acid in Eskimo & Indian populations of Alaska 52399

δ-aminolevulinic acid in polymorphous light eruptions 41004

δ-aminolevulinic acid excretion in lead pois. 227

δ-aminolevulinic acid in various types of porphyria 18353

δ-aminolevulinic acid-like substance in urine of lead workers 32233

aromatic, eff. of x-rays (Rus) 33567

classif. of amino-aciduries (Ger) 10907

determ. by high-voltage electrophoresis method 32224

determ., diag. value (Fin) 27286

determ. methods (Ger) 46100

determ., quantitative paper chromatography with ninhydrin reagent, factors influencing color intensity (Ger) 34011

eff. of abrupt temperature changes in rats acclimated to cold, neutral & hot environments 35822

eff. of exposure of altitude-acclimated rats to cold, neutral & hot environments 35824

eff. of exposure of cold-, neutral- & heat-acclimated rats to high altitude 35823

eff. of oral glucose loading on excretion in healthy persons & liver dis. (Ger) 46796

excess, familial, with hepatolenticular degen., in several members of one family (Sp) 31805

excretory patterns in patients under electric shock ther. 16298

in child., eff. of acetazolamide (Ger) 46150

in eczema in inf. (Ger) 13089

in hypertelorism & lipochondrodystrophy (Pol) 53143

in inf. nutrition disord. (Ger) 34102

in normal child. & subjects of cerebral disord. of epileptic type, eff. of vitamin B6 (It) 2963

in osteomalacia of pregn., chromatography (Fr) 26219

in rickets (Ger) 34125

physiol. & pathol. significance, review (It) 7663

review (Ger) 15643

transitory during calcium perfusion in Fanconi's rachitic synd. in inf. (Fr) 21272

***metabolism***

O-acetylhomoserine in pea plants, isolation & identification 29828

δ-acetylornithine from leaves of various grasses 7193

Actinomyces violaceus, paper chromatography (Rus) 51930

activation by vitamin B12 enzyme in protein biosynthesis 4755

activity of soluble cytoplasmic constituents from regenerating rat liver in amino acid incorporating systems 39283

D-amino acid synthesis in healthy & in cancerous tissues in vitro (Fr) 37805

amino acyl adenylates, conversion to ATP by yeast enzyme system 4752

γ-aminobutyric acid as substrate for oxidative metab. in cerebral cortex 47104

α-aminobutyric acid in CNS, transmittor of inhib. & excitation 19636

γ-aminobutyric acid in electrocortical arousal, exper. in rabbits 52574

γ-aminobutyric acid, inhib. transmitter in CNS, review 49449

γ-aminobutyric acid occlusion & metab. in brain tissue 41205

4-aminobutyric acid content & distribution in rat brain 50922

4-aminobutyric acid distribution & fate after admin. to rats, rabbits & cats 50919

5-aminolevulinic acid biosynthesis by chicken erythrocyte prep., involvement of ferrous iron 7152

5-aminolevulinic acid, enzymic synthesis in Rhodopseudomonas rubrum & spheroides 28272

5-aminolevulinic acid form. by particles from chick erythrocytes as initial stage in biosynthesis of porphyrins 13691

5-aminolevulinic acid form. from glycine & succinyl-coenzyme A by particles from chick erythrocytes as initial stage in biosynthesis of porphyrins 13702

autocatalysis of cyclic cpds. from lower amino acids as extension of theory of enzymoid form. 27368

azetidine-2-carboxylic acid & α, γ-diaminobutyric acid in Solomon's seal 37066

Azotobacter vinelandii, synthesis of activated amino acids by intact cells 7234

Bacillus megatherium, amino acids bound to iodolepropionic acid (Fr) 26109

Bacillus subtilis, utilization during growth & antibiotic prod. 13750

bact., eff. of pH on deamination (Fr) 36954

binding to soluble ribonucleic acid, dependence on presence of cytidine triphosphate 1714

blood & blister fluid in skin dis. (It) 3904

blood & urine in infant toxicosis 17910

Bombyx mori utilization of glycine carboxyl group for synthesis of amino acids of silk 42969

brain & liver, eff. of electric convulsions, electrophoresis (Ger) 36486

brain & liver in hypoxic convulsions in cats, electrophoresis (Ger) 25380

breast, activation of amino acids by individual enzymes 53477

breast, steps in amino acid incorporation into mammary tissue, review 53476

Brucella abortus, comparison with nucleic acid content 5188

cabbage, eff. of Botrytis cinerea on oxidative conversion (Rus) 1725

cactus, Nopalea cochinellifera 49360

canavanine, enzymic cleavage to homoserine & hydroxyguanidine in Pseudomonas 28263

canavanine incorporation into protein in Walker carcinosarcoma 256 cells in vitro 48581

carrot slices, kinetics of uptake 13737

carrot slices, uptake & metab. 13736

Clavicepe litoralis cultures, relation to ergot alkaloid biosynthesis 40363

2,6-diaminopimelic acid, enzymatic synthesis by cell-free system from E. coli 40511

2-6, diaminopimelic acid in Bacillus sphaericus during growth & sporulation, relation to pyridoxal phosphate & vitamin B6 levels 13704

diaphragm, eff. of insulin on incorporation into proteins in vitro 25818

diaphragm, eff. of various metabolites on incorporation into proteins of normal rat diaphragm 13739

dietary requirements of laying hens 2960

diphtheria antibodies, incorporation in medium promoting antibody synthesis 28430

diphtheria antitoxin incorporation, during its synthesis by tissues of immunized animals in vitro 37571

E. coli, activation & incorporation by enzymatic fractions (Fr) 36087

E. coli, enzymes involved in amino acid metab. 17311

E. coli, sequence analysis of sulfur-containing amino acids in proteins 13751

eff. of amino acid imbalance on growth & nitrogen retention of adult rats 40512

eff. of dietary excess of single amino acid on growth in rats, review 20025

eggs & embryos of various sea urchin species 39234

Ehrlich ascites tumor cells uptake in vitro, eff. of potassium levels 40507

epiphyseal plate of long bones, ion exchange chromatography 16916

essential amino acids in exper. diet in humans, relation to utilization of ascorbic acid 16557

essential requirements for blowfly, determ. by means of labeled glucose 29842

gizzard lining of chick 46699

hemerythrin from erythrocytes of earthworm (Fr) 37827

homoserine form. in enzymic cleavage of canavanine in Pseudomonas 28263

Hypomyces aurantius free amino acids of mycelia & culture filtrate (Fr) 26956

imbalance, relation to nutrition disord. 24369

in cancer, amino acid nitrogen 14753

in Ehrlich carcinoma, exchange diffusion & transport in relation to intracellular level 40509

in human cell cultures 49445

in influenza virus B infect. of de-embryonated egg cells 40838

in perilymph, eff. of stimulation of autonomic NS of inner ear (Fr) 44667

in pernicious anemia, review 26036

in vitamin B1-defic. rats & in pyrithiamine-treated rats 35531

incorporation into ribonucleoprotein, correlation & eff. of somatotropin 28258

interactions with vitamin E, mechanism of binding 1392

intestinal absorp. in severe malnutrition in inf. (Pol) 7811

kidneys & liver, deamination of 1-amino acids in birds (Rus) 37133

kidneys & liver of rabbits, eff. of cystine (Ger) 34091

king crab, detection of most of protein amino acids (Ger) 49903

Leptospira canicola 50328

liver, distribution of transaminating & oxidizing activities in cell fractions of rat liver (Ger) 47928

liver, eff. of colchicine in regen. rat liver (It) 13509

liver, eff. of inorganic pyrophosphate on incorporating system of nucleoproteins in rat liver microsomes 4761

liver incorporating system of nucleoproteins in rat liver microsomes 4760

liver, site of origin of cell-sap proteins labelled by incorporation of radiocarbon-labelled amino acids in cell-free system from guinea pig liver 13740

liver, stages of incorporation into rat liver microsomes, demonstration technic (Fr) 38634

maize, alkali-treated 28567

M. tuberc., various strains of 3 types in Sauton medium at various intervals (It) 44821

micrococcal disrupted cells, incorporation 7245

Micrococcus aureus 209P, cell wall content 19606

Micrococcus pyogenes disrupted cells, prep. & activities of incorporation factor 1655

mitochondrial incorporation into proteins 4762

musc., decrease of concentration with age 44152

musc. extracts from lathyritic rats 24829

natural β-amino acids in metab. of amino acids with side chains (Pol) 53202

ninhydrin-positive amino acids in cell wall hydrolysates of Micrococcus lactilyticus & Veillonella alcalescens & parvula 50346

nonexchange of carboxyl group oxygen in amino acid transport in mammals 40508

nucleoprotamines in spermatozoa of various trout species (Ger) 27896

ovarian & uterine normal & malignant tissues 24839

participation of adenyl amidate as active intermediate in fixation of amino group of amino acid 1370

Penicillium digitatum, biosynthesis 37979

photosynthesis 7230

photosynthesis of amino acids from paraformaldehyde with fixation of nitrogen in presence of colloidal molybdenum oxide as catalyst 52293

postmortal free amino acid content of organs & tissues, eff. of lethal dos. of 2,4-dinitrophenol & 2,6-dinitrophenol in rats (It) 14002

postop. (Ger) 29024

precursors of urinary ammonia, relation to renal enzyme systems 17071

Pseudomonas aeruginosa growth on medium containing single amino acid as sole nitrogen source (Fr) 37829

Pseudomonas hydrophila, peptide synthesis from amino acids determ. by radiocarbon incorporation 37980

psoriatic scale 50650

rate of absorp. of free amino-acid supplement during digestion in dogs 52326

requirements of older men in relation to total nitrogen intake 51921

retinal extracts & hydrolysates & corneal epithelium of cattle, comparison (It) 49332

review 1267

Rhodospirillum rubrum, incorporation of amino acid carbon 47946

Saccharomyces, haploid & polyploid strains 39228

Salmonella schottmuelleri growth on medium containing single amino acid as sole nitrogen source (Fr) 37830

semen content in relation to sperm count (Ger) 45574

sialic acid in E. coli strains & other bact. 52398

skin (Rus) 33570

Streptomyces griseus, oxidation by freeze-dried mycelium 40429

sulfur amino acid requirement for lactation in rats 44131

sulfur-containing, eff. of molybdenum on metab. in Neurospora crassa 37118

tears (Cz) 44874

tears after loading (Cz) 44875

tears in keratoconjunctivitis sicca (Cz) 44876

thermal copolymerization of amino acids to product resembling protein 21724

threonine oxidation in Micrococcus pyogenes aureus, detection of new aminoacetone-like metabolite 1704

threonine, regulation of biosynthesis in E. coli 47709

tobacco mosaic virus mutants, quantitative determ. (Ger) 23058

Torulopsis utilis, soluble nucleotides & nucleotide-amino acid cpds. 52332

transport mechanisms 53070

***preparation of***

amino acyl adenylates , 4753

N-(monophenyl-phospho) amino acids, synthesis & form. of inner anhydrides (Ger) 49925

radiochem. synthesis of amino acids from simple molecules (Ger) 55559

***therapeutic use***

increased tolerance to amino acid infusions (Ger) 45394

pruritus ani, chronic idiopathic 15940

supplementation of diets 12644

## AMINO ALCOHOLS

***see also*** CHOLINE

amino alcohol deriv. of 3,4-bis-(p-methoxyphenyl)hexane, chem. & pharmacol. (Fr) 3057

2-amino alcohols, transesterification reactions with cyclic glycol phosphate 49361

aryl-benzyl-aminoethanols, chem. & pharmacol. (Fr) 13095

synthetic sphingosines, identification & synthesis, comparison with lipoid activators of blood coagulation (Ger) 10335

***determination***

ethanolamine, colorimetric determ. in phospholipids 13696

ethanolamine in phospholipids, quantitative technic 16906

separation of amino alcohols as dinitrophenyl deriv. by improved paper chromatographic method (Ger) 49889

***effects***

6-amino-2-methyl-2-heptanol on nerv. fatigue in rats (Fr) 38731

2-diethylaminoethanol inhib. of growth of excised tomato roots 54414

tremor-inducing amino alcohols, pharmacol. 28608

***in cerebrospinal fluid***

aminoethanol, free, detection in human CSF (Ger) 49897

***metabolism***

aminoethanol phosphate, distribution in various tissues & enzymatic degradation 44144

diethanolamine incorporation into phospholipids in rat liver 16902

2-dimethylaminoethanol distribution after admin. to mice, comparison with choline distribution 41279

ethanolamine transform. into taurine, in rats (It) 53813

sphingosine biosynthesis in rat brain tissue, mechanisms of enzymic reaction 28242

***therapeutic use***

2-amino-6-methylheptanol-6 as musc. relaxant in electroshock ther. myelography & ventriculography (Fr) 1005

2-amino-6-methylheptanol-6 in alcoholism (Fr) 53563

## AMINOBENZOATES

***see also*** ANESTHETICS, LOCAL

***see also*** BENZOATES

***see also*** PARA-AMINOBENZOIC ACID

3-amino-4-chlorobenzoic acid esters, synthesis & properties 3547

ethyl aminobenzoate hydrolysis, kinetic comparison with hydrolysis of procaine & procaine amide 50251

***anesthesia and analgesia***

ethyl aminobenzoate-urethane nerve block in blepharospasm 14106

ethyl aminobenzoate, with salicylamide ammonium salt (Ger) 18971

***effects***

3-hydroxyanthranilic acid on form. of inner bodies in menadiol tetrasodiumdiphosphate-treated mice (Ger) 39913

***in urine***

anthranilic acid & 3-hydroxyanthranilic acid, in patients with cancer of bladder (It) 13982

***metabolism***

anthranilic acid β-glucoside ester, enzymatic synthesis (Fr) 26308

anthranilic acid β-glucoside ester, inhib. of synthesis by various cpds. (Fr) 48808

1-(o-carboxyphenylamino)-1-desoxyfructose as intermediate in biosynthesis of tryptophan by microorganisms (Ger) 47978

N-fructose-2-yl-anthranilic acid by-product of tryptophan biosynthesis in Salmonella typhimurium (Ger) 48174

3-hydroxyanthranilic acid conversion to quinolinic acid in rat liver homogenate carrying Oberling's myeloma in leukemic phase, eff. of coenzyme I 15016

3-hydroxyanthranilic acid enzymic conversion to quinolinic acid by rat liver slices 3437

3-hydroxyanthranilic acid, in E. coli (It) 13981

***therapeutic use***

acetyl-p-aminobenzoate in behavior disord. in child. 28590

acetyl-p-aminobenzoate in mild depression 50743

acetyl-p-aminobenzoate in schizophrenia & similar cond., adjunctive admin. 12605

acetyl-p-aminobenzoates, indic. 19303

N,N-diethyleucinon-p-aminobenzoic acid methanesulfonate-balsam ointment prep. in painful & inflammatory lesions in surg. (Ger) 34542

N,N-diethylleucinon-p-aminobenzoic acid methanesulfonate in circ. disord. of fundus & vasc. retinopathy, with hydergine 23884

N,N-diethyleucinon-p-aminobenzoic acid methanesulfonate in herpes zoster (Ger) 49044

N,N-diethyleucinon-p-amino benzoic acid methanesulfate in myotonia atrophica & congenita (Ger) 33852

N,N-diethyleucinon-p-amino benzoic acid methanesulfonate in thrombophlebitis, with hydergine (Pol) 30847

N,N-diethyleucinon-p-aminobenzoic acid methanesulfonate with hydergine in prev. of thromboembolism in gyn. surg., preop. admin. (Fr) 30983

dimethylaminoethyl 3-amino-4-chlorobenzoate in peptic ulcer, new prescription (It) 13917

ethyl aminobenzoate aerosol spray in burns, with open method 47248

ethylaminobenzoate-chloramphenicol emulsion with procaine block in ther. of cracked nipples (Rus) 9863

nonaethyleneglycol-monomethyl-ether-p-butyl-aminobenzoate, as antitussive agent in anesth. in otorhinolaryngol. surg. (It) 30350

nonaethyleneglycol-monomethyl-ether-p-butylaminobenzoate in cough & dyspnea 1284

panthesine-hydergine in thrombophlebitis (Ser) 5830

***AMINOBUTYRIC ACID*** ***see*** AMINO ACIDS

***AMINOPEPTIDASES*** ***see*** PROTEASES

***AMINOPHERASES*** ***see*** TRANSAMINASES

## AMINOPHYLLINE

accid. ingestion by child, postmortem pathol. 24411

eff. on lung volumes in sympt.-free asthmatic child. 12004

pois. in child., case reports 38040

test in pulm. heart dis. (Rus) 22154

***therapeutic use***

aminophylline-ephedrine-phenobarbital prep. in depression in female climacteric (It) 8621

anxiety, depression & other ment. disord. in cancer patients, with chlorpromazine & phenobarbital (It) 8603

backache, intravenous admin. (It) 19265

clin. & exper. aspects, review (Ger) 18975

exper. basis, review (Ger) 18963

pulm. emphysema 7000

resp. failure 48300

**AMINOPTERIN**

*antagonists*

eff. on isoniazid & sulfanilamide acetylation 44114

*effects*

contraceptive, oral admin. (Ger) 6730

inhib. of Aerobacter aerogenes growth & reversal of inhib. action, role of alanine & valine 25872

inhib. of Aerobacter aerogenes growth & reversal of inhib. action, stimulation of growth by adenine & L-glutamic acid 25873

mitotic-inhibitory eff. on mouse ear epidermis in vitro 27421

on blood & cerebral proteins in exper. encephalomyelitis in rats (It) 1952

on Ehrlich ascites carcinoma, with 2-thio-5-methylcytosine & ethionine (Ger) 6106

on gastric glands & mucosa in mice, histol. study 24816

*therapeutic use*

leukemia, lymphatic, in child., comparative eff. of adrenal cortex hormones, mercaptopurine & aminopterine on course of dis., classif. & statist. (Fr) 30459

psoriasis 50652

psoriasis (Bul) 32757

**AMINOPYRINE**

*effects*

additive synergism with parasympathomimetics, significance of vagus nerves (Ger) 36585

antag. & synergism with barbiturates in various combinations (It) 15749

on anti-exudate eff. of phenylbutazone & γ-ketophenylbutazone (Ca) 48608

on Pseudomonas aeruginosa bacteremia in rabbits (Hun) 28785

*injurious effects*

agranulocytosis, case report (Dan) 10634

allylbarbituric acid-aminopyrine-caffeine prep., prolonged use causing psychosis, case report (It) 32169

fatal case in child treated with combined aminopyrine-quinine prep. (Ger) 42261

irgapyrin causing stomach dis. in rheum. ther. (Fr) 10268

irgapyrin inject. causing abscess or infiltrates, medicolegal responsibility of physician (Ger) 29473

leukemia during ther. of agranulocytosis (Ger) 11211

*metabolism*

enzymatic demethylation, in vitro & in vivo radiocarbon determ. (Ger) 30603

*related compounds*

4-aminoantipyrine, ther. of rheum. dis., with phenylbutazone (It) 52098

aminopyrine 8-hydroxyquinoline-5-sulfonic acid ther. of pediatric dis. (Ger) 22887

aminopyrine sodium sulfonate causing agranulocytosis, case report 19893

aminopyrine sodium sulfonate causing fatal agranulocytosis 2165

aminopyrine-sodium sulfonate, indic. in dent. practice (Ger) 42404

antipyrine deriv., synthesis 14909

antipyrine determ. in blood by photometric method (Ger) 18329

antipyrine dilution technic in determ. of total body water in growing domestic fowl 44135

antipyrine-procaine-sodium sulfate ear drops in ther. of acute otitis media 35292

comparative pharmacol. & tox. of aminopyrine & aminopyrine sodium sulfonate (Fr) 27843

2,3-dimethyl-1-phenyl-4-(3-methyl-2-phenyl-morpholinomethyl) pyrazolone (Ger) 1589

phenyldimethyl-pyrazolonemethylamino sodium methylsulfonate - scopolamine N-butylbromide prep., ther. of urinary tract dis. (Sp) 29366

pyrazolidine ther. of rheum. arthritis, side eff. (Rus) 9860

*therapeutic use*

adnexitis, with sodium salicylate, nicotinic acid & procaine (Ger) 45973

aminopyrine - aminopyrine gentisate - diphenhydramine methiodide prep. in rheum. (Fr) 53316

aminopyrine-gold-bismuth suppositories in adnexitis (Ger) 51833

aminopyrine-prednisone prep. in ankylosing spondylitis (Ger) 42309

aminopyrine-scopolamine N-butylbromide prep. in dysmenorrhea (Sp) 21135

aminopyrine-scopolamine-N-butylbromide prep. in spastic abdom. pain in child. (Ger) 19058

aminopyrine-scopolamine-N-butylbromide prep. in ther. of pain in surg. patients & in various dis. (It) 51983

aminopyrine-sodium salicylate-nicotinic acid-procaine prep. in inflamm. & degen. arthritis (Ger) 11040

irgapyrin alone & 4-aminoantipyrine with 1,4-diphenyl-3,5-pyrazolidinedione in rheum. & joint dis., comparison (Ger) 36953

irgapyrin at onset of premature labor (Ger) 11467

irgapyrin in eye dis. (Sp) 15506

irgapyrin in influenza (Ger) 22175

irgapyrin in internal dis., indic. (Ger) 13642

irgapyrin in thromboses & thrombophlebitis (Pol) 30846

rheum. arthritis, p-aminobenzoic acid-aminopyrine-1,2-diphenyl-3,5-pyrazolidinedione prep. (It) 3729

subacute thyroiditis, with salicylates 52609

*toxicity*

possible toxic eff. on hemopoietic system of assoc. of phenylbutazone with aminopyrine, negative results (Por) 21075

***AMINOTHIAZOLE** see* **THIAZOLES**

**AMMI**

*see also* **KHELLIN**

Ammi visnaga-Cactus grandiflorus-Crataegus oxycantha-Valeriana officinalis prep. in coronary dis. (Ger) 3302

majus prep. causing severe burns (Fr) 54899

**AMMONIA**

microchem. reactions with sulfonamides (Dut) 20316

terpene deriv., pharmacol. (Rus) 39328

*in blood*

determ. technic, comparison in normals & in liver dis. patients (Ch) 38379

eff. of nitrogenous substances on portal blood levels in chronic liver dis. 17571

eff. of temperature on levels in blood samples (Fr) 44626

eff. of total hepatectomy & abdom. evisceration in dogs 10080

excess, EEG manifest., exper study 43123

excess in blood bank recipient set for removal 23491

excess in exper. hemorrh. shock, eff. of potassium & magnesium salts of DL-aspartic acid in rabbits (Fr) 38737

excess in stored blood, removal method 54729

excess, reduction by simple extracorporeal device 22057

in gastrointestinal hemorrh. in cirrhotic & non-cirrhotic patients, diag. value (Fr) 21265

in hepatic & non-hepatic coma, diag. & ther. value, review (Fr) 11893

in liver cirrhosis, eff. of kanamycin 25016

in liver dis., determ., technics & diag. value 2845

in liver dis., eff. of iproniazid 38616

in liver dis., significance (Fr) 31106

in portal hypertension (Fr) 43987

prod. by erythrocytes & reticulocytes, eff. of 2,4-dinitrophenol (Ger) 23623

relation to uremia in liver cirrhosis 34873

removal by hemodialysis in ammonia intoxication 43131

severely increased level induced by 6-chloro-7-sulfamoyl-1,3,4-benzothiadiazine-1,1-dioxide in ther. of liver cirrhosis 4450

*in urine*

determ. in hydrogen balance disord., review (Ger) 41728

eff. of adrenal cortex hormones in nephrotic synd. in child. (Ger) 41760

eff. of epinephrine & arterenol, relation to renal circ. dynamics (It) 3853

eff. of glucagon & insulin (Ger) 39897

excretion in relation to renal enzyme systems, determ. by admin. of precursor amino acids 17071

prod. in relation to distribution of glutamine-metabolizing enzymes in mammalian kidney 12538

secretion in renal tubules in golden hamster (Ger) 30536

*metabolism*

brain, eff. of bact. toxins (Rus) 33566

brain, eff. of barbiturates (Rus) 33565

brain, eff. of carotid ligation (Rus) 1755

brain, eff. of penicillin & streptomycin (Rus) 37184

brain, eff. of temporary cardiac exclusion from circ. in hypothermia (Rus) 33569

brain, increased content after electroshock in rats 5490

brain slices, synthesis mechanism 5476

hemato-encephalic barrier & its relation to blood pH 40688

kidneys, relation to sodium & water depletion 50466

lung, metab. & transport 54405

54406

plant tissue, eff. of 3-indoleacetic acid on release 19618

*poisoning*

eff. on acetylcholine biosynthesis in rat brain, similartity to hepatic coma 17599

etiol. role in coma (Sp) 8893

seq. (Ger) 36495

suicide, case report (Fr) 36101

*toxicity*

protective eff. of arginine in rats, influence of route of admin. 1359

**AMMONIUM CHLORIDE**

loading test in determ. of funct. of portocaval anastomosis (Ger) 367

ther. of alkalosis in child., with potassium chloride (Cz) 14859

**AMMONIUM COMPOUNDS**

*see also* **ANTISEPTICS, QUATERNARY AMMONIUM**

*see also* **METHONIUM COMPOUNDS**

*see also* **TETRAETHYLAMMONIUM**

bis-quaternary ammonium cpds., pharmacol. 16701

p-bromobenzyl-trimethylammonium bromide stimulation of autonomic ganglia & pharmacol. (Ger) 29906

duolite polyelectrolyte 402, pharmacol. 36592

new quaternary deriv. 713

quaternary ammonium cpds., pharmacol. & comparison with pendiomid (Ger) 33625

quaternary ammonium deriv. of 3,4-bis-(p-methoxyphenyl) hexane, chem. & pharmacol. (Fr) 3057

quaternary salts used in isolation of M. tuberc. from pathol. specimens (Fr) 24779

*determination*

in BCG culture media (Pol) 29508

quaternary cpds., identification (Fr) 36183

tetra-ammonium salts, quantitative determ. (It) 13916

*effects*

ammonium carbonate on rat brain, EEG 52321

bisquaternary ammonio deriv. of ethyl propionate, pharmacol. 47742

ceric ammonium sulfate, catalytic eff. of iodotyrosine deriv. on reduction by arsenious acid in presence of chloride 38517

diisopropylammonium dichloroacetate, pharmacol. in guinea pigs & rats (It) 37296

lipid-soluble quaternary ammonium ions on conducting membranes of nerves 32335

on growth of isolated tobacco roots in vitro (Sp) 49420

quaternary, stimulation of frog musc., structure-activity relationship (Ger) 23636

saponium precipitation of transferrin & mucoprotein α1 (Fr) 23621

2-trimethylamino-1,2-diphenyldiethylether bromide, antitussive eff. (Fr) 40921

*metabolism*

bioasal in ther. diets (Ger) 42351

yeasts, metab. changes in yeast cells oxidizing glucose after addition of ammonium ions (Ger) 47927

*therapeutic use*

dimethyl-dodecyl-phenoxyethyl ammonium-iodochlorhydroxyquin-tripelennamine prep. in skin dis. (Sp) 53354

**AMNESIA**

amnesic disord. in Korsakoff's synd., relation to mammillary body changes (Fr) 53488

eff. of depersonalization on gradual loss of perceptivity (Ger) 52556

in alcoholics, physiol. & psychol. factors 8505

in criminal cases, med. & legal aspects 6634

senile amnestic synd., relation to senescent memory decline 13601

sudden loss of memory of life experiences caused by hippocampal ischemia, unretained thrombosis & edema with herniation of hippocampal gyrus 37816

unusual case of memory disord. (It) 32161

**AMNION**

- amniography, indic., method & diag. value (It) 31624
- amniotomy in labor induction 18784
- amniotomy with simultaneous dilute intravenous oxytocin in elective induction of labor 7625
- extract, ther. of hay fever (Pol) 30328
- human amnion epithelium culture of viruses (Ger) 23147
- inositol requirements of amnion cell cultures, comparison with HeLa & conjunctival cell cultures 31312
- morphol. & histochem. structure in normal & pathol. states (It) 24953
- motor activity in chick embryo, registration (Rus) 15767
- permeability to glucose (It) 24961
- permeability to protein molecules (It) 24958

**AMNIOTIC FLUID**

- A & B antigens in human amniotic fluid (Fr) 26711
- amino acid content 24501
- antepartum loss, causes (Rus) 45221
- biochem. (Fr) 27721
- biochem. (It) 6856
- chorionic gonadotropins in pregn. & labor (It) 24955
- cytol. exam. in sex chromatin determ. of sex of fetus (Fr) 27712
- D antigen of Rh system in fetal desquamation cells obtained by amniotic puncture (Fr) 26886
- eff. on Micrococcus pyogenes aureus, E. Coli, Monilia albicans & Micrococcus lysodeikticus in vitro (It) 42565
- eff. on various smooth musc. fibers in guinea pig (Fr) 26943
- embolism, histol. diag. 5693
- embolism in cesarean section (Dut) (Dut) 29998
- embolism, pulm. (Ger) 11350
- embolism, review (It) 21495
- escape into maternal circ., determ. with sodium radiochromate labeled erythrocytes 22068
- estrogens in normal pregn. & polyhydramnios (It) 24954
- form. in fetal lungs during last third of pregn., exper. study (It) 37331
- glucose (It) 24961
- gonadotropic hormones at various periods of pregn. (Rus) 12126
- hemostatic properties (Rus) 46813
- hydramnios as cause of pregn. toxemia 17831
- hydramnios in diabetes mellitus with loss of fetal movements, case reports 12395
- hydramnios, manifest. of intestinal obstruct. in newborn, diag. criteria 5706
- hydramnios, value in early diag. of fetal abnorm. (Sp) 12007
- hydramnios with birth of live cebocephalic inf. (Sp) 21131
- 17-ketosteroids in normal pregn., labor, polyhydramnios & hypertensive nephrotic synd. (It) 24956
- lactic dehydrogenase, relation to glycolysis of fetal tissues (It) 24959
- lipid fraction activating & regulating uterine contraction & lipid fraction inhibiting such contraction (It) 29614
- mucoprotein determ. in full term normal pregn., Winzler's method (It) 24962
- oligohydramnios, relation to congen. bilateral renal agenesis 20091
- oxygen tension 24502
- oxytocic eff. in guinea pig (Fr) 26698
- p-phenylenediamine oxidase, relation to ceruloplasmin (It) 24960
- policidal eff. 44078
- polyhydramnios & oligohydramnios, etiol. & physiopathol., clin. study & review 48481
- properdin (It) 24957
- pulm. embolism by amniotic fluid causing maternal death 22722
- vitamin C content, in normal pregn., eff. of admin. of ascorbic acid (It) 13111

**AMOBARBITAL**

***anesthesia and analgesia***

- potentiation of intravenous anesth. (Rus) 41542
- potentiation of local anesth. (Rus) 41543

***effects***

- after nociceptive irritation in methylthiouracil-receiving animals (Rus) 1752
- amobarbital sodium recall in differ. diag. of generalized convulsive seizures from psychogenic spells 11647
- EEG activation 52590
- ganglion-blocking in exper. hypothermia (Rus) 3558
- hemodynamic changes during amobarbital test in hypertension, mechanism (It) 49577
- on blood proteins in castrated animals (Rus) 31157
- on gastrointestinal leukocyte migration (Rus) 49428
- on ment. speed in problem solving of schizophrenics 50841
- on reactive inhib. in rat in learning exper. 17266
- on skin reaction to radiophosphorus in rabbits (Rus) 10806
- on ther. eff. & tox. of 5-(β-chloroethyl)amino-4-methyl-uracil in sarcoma-bearing rats (Rus) 33602

***poisoning***

- severe causing extreme hypothermia (Ger) 36497

***therapeutic use***

- amobarbital-mephentermine prep., indic. in surg. (Ger) 23174
- angina pectoris, with pentaerythritol tetranitrate in sustained release prep. 902
- obesity, with d-amphetamine, comparison with phenmetrazine 35697
- tetanus, intravenous admin. 41151

***AMODIAQUIN*** *see* **ANTIMALARIALS**

**AMOEBA**

*see also* **ENDAMOEBA**

- anterior-posterior gradient of refractive index, determ. & importance in amebcid movement 16943
- chaos, polyphosphates & their enzyme cleavage (Ger) 23621
- eff. of various substances on change of form from amoeba to flagellate & vice versa in Naegleria gruberi 4965
- Entamoeba invadens, chromatoid body 39285
- giant amoeba Pelomyxa illinoisensis, recovery after supralethal exposure to x-rays 17274
- morphol. during pinocytosis 27397
- pinocytosis 27398
- protein uptake from solution 27398
- proteus, eff. of ATP & 4,6-dinitro-o-cresol in various pressures & temperatures 39274
- proteus, nuclear transfer, eff. of ultraviolet rays 3520
- proteus, nucleus-specific protein 39295
- proteus, thymidine incorporation in cytoplasm 40602
- Schizopyrenus russelli excystment, eff. of aqueous extracts of Aerobacter & E. coli & amino acids 5090

***AMOEBIASIS*** *see* **AMEBIASIS**

**AMPHETAMINE**

***administration***

- with chlorpromazine, in animals (Cz) 38237

***antagonists***

- alkylamine deriv. of phenothiazine, relation of chem. structure to antag. eff. on central action of amphetamine (It) 25592
- chlorpromazine, quantitative aspects (It) 1950

***effects***

- induction of hypermotility, eff. of chlorpromazine, perphenazine & promazine in mice (It) 37513
- induction of hypermotility, eff. of iproniazid in mice (It) 37514
- inhib. of amine oxidase in potentiation of epinephrine prolongation of local anesth. by procaine (Hun) 7689
- on barbiturate-induced motor excitability in animals (Rus) 37209
- on behavior in monkeys 49451
- on forced drinking in rat 50513
- on pregn. test in impuberal rats, response of hypophyseal-utero-ovarian system to higher nerv. funct. 9461
- on spontaneous motility of rats, comparison with mechanism of action of iproniazid (It) 1949
- on time sense, comparison with secobarbital & placebo 26083

***related compounds***

- d-amphetamine, eff. on ment. speed in problem solving of schizophrenics 50841
- d-amphetamine, ther. of epilepsy (Dan) 33393
- d-amphetamine with amobarbital, ther. of obesity, comparison with phenmetrazine 35697
- d-amphetamine with caffeine, eff. on dinitrochlorobenzene-induced eczema in guinea pigs 14086
- 2-hydrazino-1-phenyl-propane ther. of depression, comparison with iproniazid 24635
- methamphetamine abuse in W. Germany (Ger) 20097
- methamphetamine adjuvant in thiopental anesth. 9802
- methamphetamine & d-amphetamine eff. on behavior in animals 49450
- methamphetamine, eff. on blood proteins in castrated animals (Rus) 31157
- methamphetamine, eff. on critical flicker fusion threshold in ment. disord. 41193
- methylamphetamine antag. of reserpine depression of seizure threshold in convulsions in mice 15673
- 1-phenyl-2-aminopropane alginate ther. of obesity 18657
- β-phenylisopropylamine nicotinic acid, ther. of NS dis. (Rus) 34693

***therapeutic use***

- enuresis, with suggestion (Rus) 34693
- epilepsy, massive dos. 49631
- obesity, with phenmetrazine 24719

***toxicity***

- relation to morphine tox., isobolic analysis (Cz) 38249

***AMPHOTERICINS*** *see* **FUNGICIDES**

***AMPULLA OF VATER*** *see* **BILE DUCT, COMMON**

**AMPUTATION**

- biol. aspects 47526
- foot, with dermatoplasty in extensive inj. (Rus) 43379
- hemipelvectomy in fibrosarcoma of thigh 1216
- knee disarticulation (Sw) 43189
- leg, changes in arch of opposite foot (Rus) 43413
- legs, for gangrene caused by acute aortic obstruct. (Rus) 6008
- legs, in paralysis & flexion deform. in multiple sclerosis, postop. rehabil. 47781
- lower extremity, technics 20481
- lower limb, eff. of prolonged use of prosth. on motor-skeletal system 36001
- technic & postop. management (Nor) 54964

**AMPUTATION STUMPS**

*see also* **PHANTOM LIMB**

- arterial, vascularization of leg stump (Rus) 47861
- care & prep. for prosth. (Ger) 6677
- causalgia (Pol) 38466
- cineplasty 40617
- circ. disord., ther., nonylic acid vanillamide -β-butoxyethylnicotinate ointment (Ger) 52212
- myoclonus of amputation stumps, review (It) 32125
- pain & spasm in stumps of lower limbs caused by spinal anesth. 971
- plastic methods of skin restoration 11891
- postop. papular keratoses (Ger) 3202

**AMPUTEES**

*see also* **ARTIFICIAL LIMB**

- accid. proneness 47366
- body image as related to phantom sensation 47525
- child., train. in use of prosth. 52801
- child,, train. in use of prosth., role of pub. health nurse 52800
- eff. of lower limb amputation & prolonged use of prosth. on motor-skeletal system, clin. & x-ray study 36001
- hip contractures in above-knee amputations, ther., adjuvant pressure gauge device 1484
- hypertension, medicolegal aspects in military compensation cases (Ger) 19047
- nursing care & delivery of pregn. paraplegic patient with bilateral leg amputation 52820
- phys. ther. for left above-the-knee amputee with right hemiplegia 20338
- prenatal care of pregn. amputee with paraplegia, role of obst. clinic nurse 52808
- prohibition of driver's license to amputees, criticism of regulations in various countries (It) 9274
- reactions to loss of limb, physiol. & psychol. aspects 47524
- rehabil. of aged above-knee amputees 14648
- rehabil. of arm & leg amputees 48763
- thigh, factors influencing gait (Ger) 38984

***AMYGDALOID NUCLEUS*** *see* **BASAL GANGLIA**

***AMYL NITRITE*** *see* **NITRITES**

**AMYLASES**

- diastase in pancreas, eff. of hydroxydione succinate (It) 42476

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

in bile (Rus) 22647

in duodenal contents, blood & urine of child. (Pol) 20236

in fallopian tubes in humans & in other animal species 31322

in pancreas, eff. of cortisone & DOCA 49378

in pancreas, synthesis 10207

α-(p-nitrophenyl)maltoside as substrate 7228

pancreatic diastase in blood & urine, diag. value in subacute & chronic pancreatitis (Ger) 11117

substrate cleavage points of α- & β-amylases 1717

*in blood*

concentration, eff. of morphine & meperidine, comparison 14645

determ. in healthy persons & various dis. (Rus) 30286

eff. of strangulated small intestine obstruct. in dogs 47591

in diabetes mellitus & normal cond., limited value of Somogyi's determ. technic 38511

in postop. period (It) 36817

increase after induction of exper. pancreatitis in dogs 1239

ultra-microdeterm. 15021

*in urine*

hyperdiastasuria following partial gastrectomy 11868

AMYLOIDOSIS

(Fr) 39431

primary diffuse of resp. tract 34947

primary systemic, histopathol. & case report (Sp) 25658

resp. tract (Ger) 11348

*case reports*

celiac plexus involvement (Ger) 34442

eye, in primary familial amyloidosis 23431

heart, primary (Sp) 53349

lower resp. tract, 2 new cases & summary of previously reported cases 54921

primary systematized, with striking skin changes 48183

skin, unusual maculate form (Fr) 37868

tumor-forming amyloidosis of choroid plexus invading white matter of brain 17790

tumoral amyloidosis of lungs, pathol. 34956

viscera & skin (Rus) 21901

*complications*

generalized, with hepatic subcapsular hematoma & hemoperitoneum, clin. pathol. conf. 30117

kidney, relation to renal insuff. & hypertension in leprosy (Sp) 42184

osteoporosis, diffuse, in amyloidosis of liver & kidneys (Rus) 45105

plasmocytosis, medullary with primary systematized amyloidosis, case report (Fr) 37855

*diagnosis*

Bennhold Congo red test (Ger) 18979

methylene blue test (Bul) 32703

percutaneous renal biopsy, case reports 41026

secondary, in pulm. tuberc., value of Bennhold's congo red test (Ger) 10553

*differential diagnosis*

gastrointestinal amyloidosis simulating gastric cancer 12716

*etiology and pathogenesis*

rheum. arthritis (Nor) 54968

*experimental*

metachromatic characteristics (It) 13954

*pathology*

amyloid deposits in kidney, electron microscopic studies 28953

*urine in*

proteinuria, correlation with kidney biopsy 47082

AMYOTONIA CONGENITA

(Pol) 53194

course (Ger) 34112

histopathol. 47491

relation to progressive musc. atrophy (Fr) 44741

review (It) 32477

AMYOTROPHIC LATERAL SCLEROSIS

atypical form causing spinal compression (Fr) 9156

ECG (Rus) 46325

electromyography 32083

hered. (Fr) 38795

hered. (Ger) 34211

in progr. bulbar paralysis (Ger) 44212

in Russian tick-borne encephalitis (Rus) 34707

review & case reports 52468

statist. 52465

traum. (Fr) 31053

*AMYTAL see* AMOBARBITAL

ANALEPTICS

*see also* AMPHETAMINE

*see also* CAFFEINE

*see also* CAMPHOR

*see also* LOBELINE

*see also* METHYLPHENIDYLACETATE

*see also* NIKETHAMIDE

*see also* PENTYLENETETRAZOLE

*see also* PICROTOXIN

*see also* PIPRADROL

anibine, pharmacol. 19583

4,4-ethylmethylglutarimide & other analeptics, review (Fr) 36200

phenylpyrrolidinylpentane, pharmacol. & contraindic. (Ger) 49142

2-piperidinomethyl-cyclohexanone, pharmacol. (Ger) 35374

*effects*

beta-phenylisopropylamine nicotinic acid phosphate on peripheral nerve regen. in animals, alone & with vitamin B1 (Rus) 46322

convulsant & tox. eff. of in rats & mice, influence of cycloserine (It) 13948

cropropamide-crotethamide prep. & 4,4-ethylmethylglutarimide antag. of thiopental, clin. & exper. evaluation (It) 51957

cropropamide-crotethamide prep. on cardiovasc. system & resp. in anesthetized dogs (Fr) 37761

cropropamide-crotethamide prep. on resp. acidosis (Fr) 39884

O-diethylaminoethyl-salicylamide, testing in rabbit (It) 36586

eff. of tranquilizing agents on action of analeptics in mice 36554

4,4-ethylmethylglutaramide activation of EEG, with intermittent luminous stimulation (It) 29637

4,4-ethylmethylglutarimide, antag. of various hypnotics in mice 35780

4,4-ethylmethylglutarimide as activating substance in EEG (Fr) 44200

4,4-ethylmethylglutarimide as barbiturate antag. (It) 42470

4,4-ethylmethylglutarimide as convulsant, comparison with pentylenetetrazole in man & cat 27330

4,4-ethylmethylglutarimide inducing cortical convulsions in cats (Fr) 15184

4,4-ethylmethylglutarimide on deep hypnosis induced by variety of hypnotics 36989

4,4-ethylmethylglutarimide on EEG in epileptics (It) 3721

4,4-ethylmethylglutarimide on recovery time after anesth. for minor orthopedic surg. 12861

4,4-ethylmethylglutarimide, on thiopental anesth. in dogs 37535

on CNS, pharmacol. analysis, review 6345

on exper. inflamm. (Cz) 48609

on micturition reflex in exper. animals (Ger) 29907

on peripheral blood & metab. (Pol) 53189

on rigor mortis (Rus) 39325

1-phenyl-2-pyrrolidinyl-pentane on resp. & blood circ. (Ger) 1587

*injurious effects*

4,4-ethylmethylglutarimide causing psychosis in ther. of pois. by sedative (Ger) 42941

*therapeutic use*

asphyxia neonatorum, resuscitation by analeptics (It) 20906

barbiturate pois., hazards 12961, 12962

cropropamide-crotethamide prep., awakening eff. in anesthetized patients 35016

cropropamide-crotethamide prep., clin. evaluation (It) 50632

cropropamide-crotethamide prep. in asphyxia neonatorum (It) 51963

cropropamide-crotethamide prep. in resp. depression during general anesth. (It) 6779

cropropamide-crotethamide prep., use in anesth. & post-anesth. period (It) 35007

energizers in ment. disord., comparison with electroshock ther. & tranquilizers 49198

4,4-ethylmethylglutarimide 7303

4,4-ethylmethylglutarimide as cardioresp. analeptic, pharmacodynamics & oral admin. (Fr) 9509

4,4-ethylmethylglutarimide in barbiturate coma (It) 27663

4,4-ethylmethylglutarimide in barbiturate pois. 9261

4,4-ethylmethylglutarimide in barbiturate pois. (Neb) 27773

4,4-ethylmethylglutarimide in barbituric coma (Sp) 53967

4,4-ethylmethylglutarimide in nonorganic ment. disord., clin. & EEG eff. 7394

4,4-ethylmethylglutarimide in pois. by sedatives, with cytochrome C (Ger) 42388

4,4-ethylmethylglutarimide in pois. by soporifics (Ger) 19430

in anesth. (It) 42469

in anesth., classif. & mechanism of action (It) 42468

3,4-methylene-dihydroxyphenyl-isopropylamine in schizophrenia, anti-depressive eff. 5466

phenylpyrrolidinopentane in postop. circ. disord., with vitamin B complex & vitamin C (Ger) 42361

prev. of fetal distress & asphyxia neonatorum (It) 9419

resp. failure, with artif. resp. 45084

ANALGESIA

balanced analgesia for poor-risk patient undergoing thoracic surg. 28141

in mass casualties, civil defense train. (Nor) 22240

postop., with 6-piperidino-4,4-diphenylheptane-3-one 37960

review 18678

supplemental intravenous analgesia in cataract extraction 12451

technics for increasing & prolonging analgesia (Ger) 54871

ANALGESICS AND ANTIPYRETICS

*see also* ACETANILID

*see also* ACETOPHENETIDIN

*see also* ACETYLSALICYLIC ACID

*see also* AMINOPYRINE

*see also* CINCHOPHEN

*see also* FEVER, *therapy*

*see also* MEPERIDINE

*see also* METHADON

*see also* PHENYLBUTAZONE

(2,2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine 47309

2,2-diphenyl-3-methyl-4-morpholino-butyryl pyrrolidine (Fr) 29201

(2,2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine, antag. eff. of nalorphine (Fr) 12982

(2,2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine, clin. testing with cryalgesia & comparison with analgesics (Sp) 15512

(2,2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine, exper. & clin. evaluation 12978

(2,2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine, non-habit-forming (Ger) 43809

(2,3-diphenyl-3-methyl-4-morpholino)-butyrylpyrrolidine, pharmacol. (Fr) 26199

2-ethyl-1-phenyl-1-(β-piperidinoethyl)-butyronitrile, pharmacol. (Ger) 36983

formic acid prep., evaluation (Sp) 8190

piperidonopropiophenone deriv., pharmacol. 309

potentiation by parasympathomimetics of neostigmine & pyridostigmine types (Ger) 23589

*addiction*

(Ger) 43113

analgesics, statist. among workers in Swiss watch indust. (Ger) 21610

(2,3-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine (Dut) 19723

(2,2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine, case reports (Fr) 8252

*administration*

percutaneous & subcutaneous in mice (Fr) 26759

percutaneous & subcutaneous in mice, role of fat solubility (Fr) 26760

*effects*

analgesic actions of 1,4-dipyrrolidino-2-butyne in mice (Ger) 29883

analgesics & analgesic antag. on motility of isolated rabbit & puppy jejunum 17937

antipyretic activity of margosa oil & its fractions 18330

assay of analgesic power on pain caused by electrical stimulation of tooth pulp in man (It) 37315

baralgin on gastrointestinal system & urinary tract, x-ray control (It) 3718

7-benzoyl-2-piperidinomethyl-1, 4-benzodioxan, pharmacol. & comparison with morphine (Fr) 32912

dextro propoxyphene, comparison with meperidine 17018

O-diethylaminoethyl-salicylamide, testing in rabbit (It) 36586

(2, 2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine, comparison with other drugs in man (Fr) 32919

(2, 2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine on heart (It) 26634

evaluation of analgesics, comparison of methods (Fr) 39916

in x-irradiated animals (Cz) 38233

on survival time of rats after exper. bilateral cervical vagotomy 24821

3-phenylpropylamine deriv., habit-forming properties in rats (Fr) 32924

***in urine***

separation & determ. by high-voltage electrophoresis technic (Ger) 39871

***injurious effects***

3, 3-diethyl-2, 4-dioxo-tetrahydropyridine-antipyrine-caffeine-acetophenetidin prep. causing nephritis (Ger) 30626

(2, 2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine causing auditory & visual hallucinations, case report (Fr) 54906

(2, 2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine, fatal (Fr) 41945

(2, 2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine, fatal case (Fr) 47425

***metabolism***

absorp. rates, comparison of 4 commercial tablets 40381

accumulation of analgesics in rat cerebral cortex in vitro, relation to in vivo action 5487

dolsin, eff. of x-rays (Cz) 38232

propoxyphene, metab. degradation 51069

***poisoning***

antipyretic suppositories in child. (Fin) 54638

***therapeutic use***

20494

(Ger) 46121

acetophenetidin-caffeine-2, 3-dimethyl-4-formyl-1-phenyl-5-pyrazolone-2, 3-dimethyl-4-isoprophyl-1-phenyl-5-pyrazolone prep. in dysmenorrhea (Ger) 3304

acetophenetidin-salicylamide-caffeine-phenyltoloxamine prep. in headache & pain after tooth extraction 3670

acetophenetidin with acetylsalicylic acid, caffeine & meperidine 30937

aequiton in pain (Ger) 19057

p-aminobenzoic acid-benzyl benzoate-camphor-nicotinic acid-phenobarbital-salicylamide prep. in thoracic pain (Ger) 16105

aminopyrine-codeine phosphate-diallylbarbituric acid-adiphenine prep. in severe postop. pain (Ger) 10303

analgesic-parasympatholytic prep. in various cond., clin. evaluation (Ger) 42264

anileridine HCl, clin. evaluation 28160

anileridine in anesth. & postop. analgesia, evaluation 12957

avafortan, morphine & other analgesics in acute pancreatitis, alone & with antispasmodics 45059

baralgin in chronic obliterating peripheral arteriopathy (It) 51982

baralgin in threatened abortion & premature labor (It) 9414

bromobenzyl-α-pyridyl-diethylene-diamine-maleinate in skin dis., with hydrocortisone (Ger) 3222

2-(2-chloroethyl)-2H-1, 3-benzoxazin-4(3H)-one, clin. evaluation (Ger) 55406

2-(2-chloroethyl)-2H-1, 3-benzoxazin-4(3H)-one in adnexitis (Ger) 22187

dextro propoxyphene, comparison with codeine phosphate 53060

dextro propoxyphene for pain in surg. patients, neoplasms & various dis. (Sp) 43934

dextro propoxyphene in pain of rheum. arthritis & neuritis (Sp) 32457

dextro propoxyphene in preanesth. & postanesth. management 47314

dextro propoxyphene, with acetylsalicylic acid, in acute & chronic pain 16563

dextro propoxyphene with acetylsalicylic acid in postpartum care of patients of episiotomy repair 52823

1-(β-diethylaminoethyl)-2-(p-chlorobenzyl)-5-nitro-benzimidazole & 1-(β-diethylaminoethyl)-2-(p-methoxybenzyl)-5-nitro-benzimidazole, clin. evaluation (Ger) 41731

(2, 2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine (Sp) 15490

(2, 2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine as palliative agent in pain caused by thiocolchicine ther. of cancer (Fr) 54906

(2, 2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine as premedication in general anesth. (Fr) 9502

(2, 2-diphenyl-3-methyl-4-morpholino)-butyryl-pyrrolidone in funct. & organic pain (Sp) 9726

(+)-(2, 2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine in gyn. & obst. (It) 51962

(2, 2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine in labor (Dan) 7475

(2, 2-diphenyl-3-methyl-4-morpholine)-butyryl pyrrolidine in labor (Fr) 39472

(2, 2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine in labor (It) 15032

(2, 2-diphenyl-3-methyl-4-morpholino-butyryl pyrrolidine in postop. analgesia, comparison with morphine 11873

(2, 2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine in postpartum pain, comparison after oral & parenteral admin. 28288

(2, 2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine in rheum. (Fr) 54184

(2, 2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine, indic. (Dut) 19725

(2, 2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine, postop. admin. (Dut) 19720

doppel-spalt in dent. practice (Ger) 42404

felsol in dyspnea of asthmatics & cardiacs (It) 39508

melabon in postpartum pain (Ger) 42387

nisidine (It) 51972

nisidine in postop. pain (It) 2881

phenylazo-diamino-pyridine with sulfamethizole & tetracycline in urinary infect. (It) 36964

phenylsemicarbazide in pulm. tuberc., with chlorpromazine, postther. healing of cavitations with persistence of cavitary image (Fr)

placebos as analgesics in various pathol. cond., clin. statist. (Sp) 20621

***toxicity***

in exper. hypothermia (Rus) 3557

***ANAPHYLAXIS*** *see* **ALLERGY**

**ANATOMY**

anat. iconography in works of Samuel Thomas Soemmering (It) 31669

bibliog. (Rus) 13581

contribution of Leonardo da Vinci (Fr) 31067

contribution of Robert Heiss (Ger) 12956

contribution of Yves Poursines (Fr) 29192

contribution of Nils Stensen (Dan) 1630

contribution of Juan Valverde (Sp) 38530

in works of Rabelais (It) 31667

***education***

(Rus) 13580

anat. as a dynamic & necessary subject in med. educ. 3396

contribution of Bradley M. Patten 55143

contribution of Václav Štefal (Cz) 26558

department of normal anat. of Crimean med. school (Rus) 13581

hist. in Russia (Rus) 47891

neuroanat., contribution of Elisabeth Caroline Crosby 55142

***history***

adoption of western anat. by Japan (Fr) 26981

Henry Gray & the centenary of Gray's Anat. 2183

in 18th century Berlin (Ger) 3306

in Russia, Zagorskii Premium (Rus) 47870

museum of l'École de Médecine de Montpellier (Fr) 19370

**ANCYLOSTOMA**

canium, eff. of benzyl-dimethyl-2-phenoxyethylammonium salts 51003

***ANCYLOSTOMIASIS*** *see* **HOOKWORM INFECTION**

**ANDROGENS**

***see also*** **ADRENAL CORTEX HORMONES**

***see also*** **TESTOSTERONE**

Δ5-androstene-3β-ol-17-one phosphate synthesis, hydrolysis by phosphatases & β-glucuronidase (Ger) 25896

hyperandrogenism, adrenal, paradoxical assoc. with impotence (Fr) 32041

hyperandrogenism, causing sexual debility in young men, management 17427

hyperandrogenism in female, normalizing eff. of pregn. (Fr) 36053

hyperandrogenism in postpuberal female (Fr) 36052

hyperandrogenism in postpuberal female, classif. & physiol. (Fr) 36069

hyperandrogenism in postpuberal female, urinary 17-ketosteroids & total reducing corticoids, eff. of prednisone (Fr) 36060

hyperandrogenism with hirsutism in postpuberal female (Fr) 36058

hyperandrogenism with Stein-Leventhal synd., case reports (Fr) 36056

non-virilizing anabolisers, review 53398

vaginal smear as test of spontaneous or induced androgenic funct. in women (Fr) 31895

***effects***

anabolic eff. in rats (Sp) 44388

Δ5-androstene-3β-ol-17-one on resist. of rats to infect. & develop. of fibroma at site of inject. (Ger) 34171

etiocholane-3α-ol-17-one, thermogenic eff. & metab. fate after intramusc. admin. 17030

9α-fluoro-4-androstene-11β-ol-3, 17-dione activity in rats 31394

induction of exophthalmos in fish 17237

17α-methylandrostane-17β-ol-3-one on CNS in rats & rabbits (Fr) 32933

methylandrostenediol on blood proteins in exper. emetine pois. in rabbits (It) 23760

methylandrostenediol on body weight & survival in exper. emetine pois. in rabbits (It) 23759

methylandrostendiol, on exper. emetine pois., ECG aspects (It) 35159

17α-methyl-Δ5(6)-androstene-3β, 17β-diol on kidney & adrenal cortex of rats histol. & histochem. 24856

on carcinogenesis in mice (Rus) 55324

on growth of dwarf beef cattle 12730

on phosphorus & calcium metab., review (Fr) 25096

***in blood***

Δ5-androstene-3β-ol-17-one conjugated in phosphoric acid complexes, isolation 35140

***in urine***

Δ5-androstene-3β-ol-17-one, determ. (Fr) 26345

Δ5-androsterone-3α-ol-17-one, changes during menstrual cycle (Ger) 25213

content in relation to hexosamine-collagen ratio of connective tissue 37583

dehydroisoandrosterone & 17-ketosteroids, in hirsutism in women, comparative eff. of cortisone & prednisone (It) 53585

in cancer of prostate, eff. of orchiectomy, ACTH & estrogen on excretion 55030

in female climacteric (Ger) 11110

various androgenic steroid fractions in hirsutism in women (Fr) 36068

***metabolism***

Δ4-androstene-3, 17-dione form. from progesterone in surviving human fetal adrenal glands 28244

5-androstene-3β, 16α, 17β-triol conversion to estriol by human placenta in vitro 3420

degradation in liver after admin. by perfusion of isolated liver, in rabbits (Fr) 38720

etiolcholane-3α-ol-17-one & androsterone, radiocarbon determ. 17021

***physiology***

prod. in gonadal dysgenesis in female (Fr) 36064

secretion by adrenal cortex of mouse 7137

***therapeutic use***

androgen-estrogen combination alone & with reserpine replacement in aged 40862

androgen-estrogen prep. in inhib. of postpartum lactation 40305

androgen-estrogen prep. in inhib. of postpartum lactation, comparison of dose & route of admin. 40304

androgen-estrogen-thyroid prep. in dis. of aged, eff. on nitrogen balance 55359

androgen support for castrate & senescent women, with chlorothianisene 5276

androstane-3β-ol-17-one in gyn. dis. (Fr) 26980

androstanolone, clin. trials (Fr) 42011

androstanolone in surg. patients, pre- & postop. indic. (Fr) 39476

Δ5-androstene-3β-ol-17-one in mongolism (Sp) 21141

cancer of breast (Fr) 33425

cancer of breast, alone & with castration (Fin) 54646

cancer of breast & uterus, saturation dosage, control & results (Fr) 27706

cancer of breast & vulva, intratumoral inject. (Ger) 34588

cancer of female genitalia, adjuvant (Ger) 11031

gyn. dis., depot prep. (Ger) 19054

gyn. disord. 27786

gynecomastia in men processing estrogens, indic. (Fr) 32009

indic. (Fr) 54147

methylandrostenediol in pulm. tuberc., with adrenal cortex hormones, isoniazid & streptomycin (It) 3883

methylandrostendiol-mesoinositol-prednisolone prep. in tonic ther. of patients of infect., chronic dis. & rheum. arthritis (It) 39524

methylandrostenediol-vitamin E-embryonal extract prep. in senility (It) 8051

17α-methyl-9(10)-estrene-17β-ol-3-one in cancer of prostate (Ind) 29979

metrorrhagia, eff. on urinary estrogens (Rus) 13133

post-gastrectomy synd. (Dut) 52498

## ANEMIA

classif. 27105

classif. (Dan) 45493

classif. & ther. 5351

differ. diag. & ther. of various types (Ger) 3280

etiol. & diag. in adults (Fr) 15202

in fetal lambs 15652

### *blood in*

bilirubin & iron levels, increase after nicotinic acid admin. 11972

buffer capacity in severe chronic anemias 24823

erythrocyte glycolytic enzymes (Ger) 35564

factor in human hemorrh. anemia which stimulates erythropoiesis after inject. into rats (Ger) 35152

hematocrit determ. of degree of anemia (It) 39763

hemoglobin (Ger) 28949

hemoglobin synthesis & metab. (Fr) 32183

iron & iron-containing enzymes, review 30234

iron, role in hemoglobin synthesis (It) 53760

partial masking of anemia by contracted blood volume 22474

plasmatic & erythrocytic zinc (It) 1191

proteins, review 20033

reticulocyte count & maturation rate & hematocrit & hemoglobin levels, eff. of temporary acute hypoxia (It) 36756

vitamin B12, diag. value (Dan) 10637

### *case reports*

inclusion-body anemia with hemoglobin H in two Swedish brothers, hematol. & hered. aspects 35350

refractory primary anemia, transitory improvement by ingestion of liver extracts (Fr) 54295

### *complications*

congestive heart failure, pathogen. mechanisms (Fr) 43756

gyn. dis. & pregn., ther. intramusc. iron (Sp) 39617

hemorrh., diag. (Ger) 51791

mechanisms of anemia in leukemia 2069

with celiac dwarfism & osteomalacia 20699

with lymph node tuberc. & leukemia (Fr) 32204

### *etiology and pathogenesis*

anti-syphilis drugs, vitamin B12 ther. (Rus) 22506

chronic renal dis., relation to blood phenol levels 31308

develop. in members of arctic expedition, etiol. hypothesis 19817

gastrectomy (It) 39771

hiatal hernia, clin. statist. (Fr) 36632

neoplastic dis., relation to changes in rate of form. & destruction of erythrocytes, exper. study 35383

nutritional disord., review 12347

pyrimethamine ther. of polycythemia vera (Fr) 32187

Schistosoma mansoni infect., analysis of hemoglobin levels 39183

transpleural esophago-fundal anastomosis for cardiospasm (Rus) 6007

### *experimental*

cytochrome c activity of myocardium in anemic rabbits, eff. of liver extract & vitamin B12 (It) 37386

eff. of cerebrocortical funct. disord. on phenylhydrazine-induced anemia in rats (Rus) 13847

eff. of hyperoxia on blood regen. in rabbits (Rus) 52980

eff. of prolonged intravenous admin. of iron in anemic rabbits, gross & histopathol. aspects 51204

eff. on iron metab. in duodenal mucosa of guinea pigs (Fr) 26923

erythrocyte damage caused by total body x-irradiation, in rabbits (Ger) 32671

in tumor-bearing mice, mechanism of erythrocyte destruction 41183

induction by x-irradiation in animals, relation to liver damage 42988

iron distribution after inject. of radioiron-labelled erythrocytes into anemic tumor-bearing rats 17774

phenylhydrazine-induced in rats, mechanism of onset of accompanying cardiac hypertrophy 15003

prod. by inject. of rabbit antiplatelet serum into dogs, study of blood picture (It) 1941

pyruvic acid in plasma & erythrocytes of anemic rabbits after repeated bleedings 35397

radiation-induced, metab. of iron in liver, spleen & blood, tracer study (It) 53791

### *in aged*

etiol. (Ser) 29393

etiol. & ther. 51592

plasma & erythrocyte zinc levels (It) 11954

### *in infant and child*

acute, in disseminated lupus erythematosus & Micrococcus pyogenes septicemia, clin. pathol. conf. (Sp) 37264

caused by isolated disord. of protein absorp. in small child (Ger) 48052

diag. & ther. (Ger) 30048

diag. by determ. of hemoglobin levels in newborn inf. 8516

etiol. in premature inf. (Cz) 38316

in Australian aborigines 18741

in newborn caused by fetal hemorrh. in maternal blood circ. (Fr) 21748

in newborn, caused by occult transplacental hemorrh. from fetus to mother (Cz) 38321

in newborn twin due to blood shunt to other twin in placental blood vessel anastomoses (Ger) 52167

in premature inf., cobalt ther. (Ger) 30059

in premature, ther., honey-milk prep. (Ger) 41595

newborn, with jaundice caused by total agenesis of extrahepatic bile ducts & rotation anomaly of duodenum & pancreas (Fr) 53020

of uncertain origin, clin. manifest. & ther. 2191

osmotic fragility of erythrocytes 16321

premature inf. (Ger) 9948

premature inf., pathogen. & ther. (Ger) 45938

relation to defic. dis. (It) 30314

review (Cz) 38131

spherocytosis in newborn identical twins 1410

ther., iron resorption after admin. per os in chelate form (Fin) 49210

types (Sp) 46675

with infect., ther. cobalt (Pol) 30384

### *in pregnancy*

3982

(Ser) 29395

causes (Ger) 21648

due to diphyllobothriasis (Rus) 12113

ectopic, with tubal rupt., anesth. problems (Ger) 46286

eff. on phys. working capacity, studied by changes in blood volume, pressure & cell count, heart volume & other circ. adaptations 23823

etiol. & ther. (Fr) 35613

iron ther. (Dut) 29993

maternal & fetal, detection by correlation of total hemoglobin mass & erythrocyte volume 12417

statist. 18771

ther. (Rus) 12111

ther., iron-dextran complex, intramusc. admin. 20068

ther., parenteral iron 7631

### *manifestations*

Looser zones on pelvic & metatarsal bones in primary refractory anemia, case report (Ca) 48650

### *physiology*

ballistocardiographic data in severe chronic cases 48703

disord. of erythrocyte cycle (Fr) 44698

heart & circ. 4957

spleen, review 43133

splenic mechanisms, review 52597

### *statistics*

in Singapore 22298

### *therapy*

α-aminoacetic ferrous sulfate complex (Sw) 32851

cobalt, eff. on blood iron & hemopoiesis (Ger) 1789

cobalt-nicotinic acid prep. (Rus) 45182

cobaltous chloride (Pol) 43672

indic. (Fr) 20668

iron-cobalt combination (Por) 39469

iron-dextran prep., causing recur. arthralgia & cellulitis after intramusc. inject. 52629

iron, parenteral admin. in anemia in pregn. & gyn. dis. 35748

prednisone in anemia assoc. with macroglobulinemia, case report 37679

review 20567

*ANEMIA, ADDISON'S* ***see*** ANEMIA, PERNICIOUS

## ANEMIA, APLASTIC

eff. of vitamin B group on hemopoietic cells in tissue culture (Rus) 52952

Fanconi synd., clin. manifest. & physiopathol., review (Fr) 21266

transitory (Ger) 11059

### *blood in*

glucose metab. in erythrocytes & leukocytes 48064

### *case reports*

clin. & laboratory analysis 1146

congen. hypoplastic (It) 2972

severe, in welder, possible occup. toxo-allergic mechanism (Fr) 47769

### *complications*

chronic hypoplastic anemia with hepatomegaly, case report (Ger) 21649

reticulosis, monocytic (Pol) 30870

with histiocytosis X 35736

with splenomegaly, rapid improvement after splenectomy (Fr) 20670

with stomatitis & thymoma 20150

### *etiology and pathogenesis*

assoc. of benign thymoma with selective erythroid aplasia of bone marrow 48540

mineral spirits, case report (Fr) 1333

trichloroethylene-extracted soybean oil & S-(dichlorovinyl-L-cysteine, in cattle 1777

### *immunology*

(Rus) 8256

antiglobulin consumption test with leukocytes & platelets in idiopathic pancytopenias (Fr) 10960

anti-leukocyte antibodies (Rus) 8257

auto-immune hemolysis 37732

pancytopenia, idiopathic, autoimmun. (It) 32894

### *in aged*

caused by estrogen implantation in cancer of prostate (Fr) 9176

### *in infant and child*

caused by chloramphenicol ther. of whooping cough (Dan) 10632

classif. & case report 20710

congen. hypoplastic anemia 38403

Fanconi's synd., review & case report (Fr) 30453

Sarrouy's dis., case reports (Fr) 53015

with agammaglobulinemia & erythroblastic anemia in premature inf. (It) 6244

with hepatosplenomegaly of polyvalent hemopoietic potentialities, cure (Fr) 32197

### *metabolism*

phosphatases in blood cells & bone marrow (Rus) 8043

### *pathology*

cytochem. changes in hemopoietic elements in aplastic & hypoplastic anemias (Rus) 44017

*ANEMIA, COOLEY'S* ***see*** ANEMIA, ERYTHROBLASTIC

## ANEMIA, ERYTHROBLASTIC

***see also*** ANEMIA, LEUKOERYTHROBLASTIC

hemoglobin A2 determ. by electrophoresis in starch gel (Fr) 9020

hemoglobin A2 fraction of thalassemia minor, starch electrophoresis (Fr) 21275

hemoglobin A2 thalassemia minor (Tur) 45484

hemoglobin E, A & A2, comparison with normal subjects of same family, diag. significance (Fr) 26661

hemoglobin E thalassemia (Dut) 7341

hemoglobin J trait in Indian woman 2248

Lepore trait, clin. aspects & interaction with classical thalassemia trait 1771

pathogen. & iron metab., clin. study & review (It) 27762

sickle cell-thalassemia dis., clin. & hemato-chem. aspects & case reports (It) 25583

sickle cell-thalassemia in adults, differentiation from sickle-cell anemia 18423

thalassemia hemoglobin solubility curve variations (It) 48114

thalassemia, minima carriers, detection of non-anemic carriers by hemoglobin electrophoresis (Fr) 21635

thalassemia minor-sickle cell dis. in Jewish Negro woman 52671

***blood in***

blood proteins, glycoproteins & lipoproteins electrophoretic patterns (It) 27768

chromium elution from hemoglobin & erythrocytes, comparison with normal adults & inf. 31336

comparison with hypochromic anemia with excess of iron in blood (Fr) 21293

desoxyribonucleic acid content & isotonic protein content of erythroblasts, cytophotometry (It) 37468

erythroblasts correlation of maturation, biochem. & funct. changes (It) 39772

erythrocyte destruction & prod. rate 30427

erythrocyte osmotic resist., measurement & analysis of changes (It) 36731

erythrocyte resist. (Ger) 42287

erythrocyte susceptibility to form Heinz bodies, comparison with susceptibility in favism & normal cond. in inf. & newborn (It) 37500

***case reports***

in German family (Ger) 42286

in siblings of Norwegian-German parentage (Nor) 19951

***etiology and pathogenesis***

benzene pois., review (It) 3592

***in infant and child***

familial thalassemia with erythremic myelosis, case report 7841

ther., fresh plasma transfusion (It) 43474

with agammaglobulinemia & aplastic anemia in premature inf. (It) 6244

***pathology***

bone marrow hyperplasia, case reports & post-mortem pathol. (It) 27770

***statistics***

in Eti-Turks & southern Turks 14203

## ANEMIA, HEMOLYTIC

***see also*** ANEMIA, ERYTHROBLASTIC

***see also*** FAVISM

***see also*** JAUNDICE, CONGENITAL HEMOLYTIC

chronic, with continual hemosiderinuria, discovery by Ettore Marchiafava 9600

primaquine-sensitive type, biochem. & genetic aspects 1138

***blood in***

abnorm. reticulocytes (Ger) 27443

acquired macrocytic, hyperchromic hemolytic anemia (It) 39766

erythroblasts from acquired hemolytic anemia, in vitro behavior 26032

erythrocytes, relation between osmotic fragility & thermic fragility in patients with anti-erythrocyte antibodies (It) 44174

erythrocytic pathol., molecular basis in primary hemolytic anemia (Por) 21023

erythropoiesis in acquired hemolytic anemia (It) 39768

fluorescein-globulin affinities for erythrocytes in

haptoglobin 8297

***case reports***

(Ser) 21940

acute (Rus) 6047

familial cases caused by glucose-6-phosphate dehydrogenase defic., hered. aspects (Ger) 18336

hered. macrocytic hemolytic anemia 23931

hered. spherocytosis 45553

Lederer-Brill anemia in 7-year-old boy (Pol) 43647

***complications***

acquired, with disseminated lupus erythematosus (Pol) 30743

cortisone causing hemolytic crisis in acquired hemolytic anemia (Ger) 27449

gout, acute, case report (Fr) 37914

hemolytic trait assoc. with hered. enzymatic abnorm. of erythrocytes in oriental Jews 16398

symmetrical peripheral gangrene in acquired anemia 230

synd. of jaundice, hyperlipemia & hemolytic anemia (Sp) 53921

with bone marrow aplasia 37732

***diagnosis***

haptoglobin determ. (Sp) 53922

hemolytic dis. & synd. 32208

serodiag. of acquired anemia 24442

***etiology and pathogenesis***

acetophenetidin addiction (Ger) 21650

21651

diethylstilbestrol ther. of acne & amenorrhea in patient of pulm. tuberc. & liver dis. 22329

elliptocytosis (Ger) 15373

hematuric kidney dis., morphol. changes in erythrocytes (Fr) 45006

hypersplenism (It) 32602

in cancer patients, role of spleen 2702

lymphosarcoma, ther., prednisone & blood transfusion (Fr) 21334

naphthalene pois. in postnatal period, mechanism 25924

naphthalene pois. with glutathione metab. disord. in erythrocytes 7869

PAS & sulfonamides, pathogen. comparison (It) 37506

sarcoidosis (Sw) 43239

***experimental***

Heinz body anemia, response of rats 48200

induction in young mice by anti-mouse sera prepared in rabbits, mechanism of hemolysis & histopathol. 5630

***immunology***

(Rus) 8258

acquired, auto-immunol. aspects (It) 6943

acquired idiopathic with auto-antibodies, immunol. & ther. (Fr) 2291

adsorbed antibody in acquired hemolytic anemia, nature

autoantibodies, cases in Vietnam (Fr) 54311

auto-immune acquired, review (Cz) 26526

auto-immune anemia in 3-month old inf. (It) 44813

auto-immune, in Asian influenza (It) 21004

auto-immune reactions 11926

chloroma causing auto-immune hemolytic anemia (It) 53588

cold agglutinin titer in child with hypochromic anemia 16588

complement titer & Coombs' reaction (Rus) 8259

in acquired anemia 20691

serol. patterns & mechanism of erythrocyte destruction in cases with high titer of cold agglutinins (It) 27767

spleen funct. in acquired auto-immune hemolytic anemia (It) 31690

statist. & progn. study of immunol. cases (Fr) 11927

***in infant and child***

***see also*** ERYTHROBLASTOSIS, FETAL

(Ger) 3253

acquired primary & idiopathic anemias in young inf. (Fr) 21753

acute acquired hemolytic anemia with herpes simplex infect., case report 36534

atypical, congen. non-spherocytic (Ger) 21637

caused by naphthalene, in newborn with methemoglobinemia & methemalbuminemia (Ger) 34116

caused by nitrofurantoin ther. in 10-month old inf. 36535

caused by oxytetracycline ther. of gastroenteritis 14299

congen. non-spherocytic (Dut) 41953

in newborn, ther., exchange blood transfusion, results (Ger) 51195

surg., splenectomy in newborn inf., case report (Sp) 46677

ther., intramusc. iron admin. (Ger) 43289

thrombotic microangiopathic hemolytic anemia in 21-month old inf. 36533

with new type hemoglobin anomaly (Fr) 54300

***in pregnancy***

acute episode in labor 35749

spherocytic, congen., in pregn. & puerperium, case reports 52839

***manifestations***

acquired (Ger) 12076

***pathology***

abnorm. pigment metab. & erythrocyte inclusion bodies in congen. case 1782

histopathol. lesions (Fr) 13013

***surgery***

splenectomy, prediction of results by preop. inject. of radiochromium-labeled erythrocytes 7412

## ANEMIA, HYPERCHROMIC

***see also*** ANEMIA, PERNICIOUS

***blood in***

clearance of intravenous folic acid in megaloblastic anemic patients 26035

comparison of bone marrow findings & blood vitamin B12 level in uncharacteristic macrocytic anemia 48609

review (Ger) 41723

***case reports***

hered. macrocytic hemolytic anemia 23931

hypersideremic protein-defic. anemia in gastrectomized patients (Fr) 54294

postop. in esophagojejunostomy (Fr) 32188

sidero-achrestic anemia (Fr) 54293

***complications***

gout, acute, case report (Fr) 37914

megaloblastic, non-Addisonian, with subacute combined degen. of spinal cord 31591

vitamin B12 defic. in megaloblastic anemia, diag. 14262

***etiology and pathogenesis***

folic acid & vitamin B12 metab. disord., review (Ger) 33911

folic acid defic. causing megaloblastic anemia, pathogen. mechanism 20709

folic acid defic. synd. with hypersplenism & megaloblastic anemia in multiple mesenterial cysts (Ger) 54357

malnutrition 55067

malnutrition causing macrocytic anemia 5167

megaloblastic, in splenoganglionic tuberc., antibiotic ther. & splenectomy (Fr) 51472

5-methyl-5-phenyl-barbituric acid causing megaloblastic anemia 1776

primidone ther. causing megaloblastic anemia, ther., vitamin B12, case report 32367

primidone ther. of epilepsy causing megaloblastic anemia 35191

***experimental***

(It) 37484

***in aged***

(Dan) 43180

43181

***in infant and child***

megaloblastic anemia caused by vitamin B12 defic. in intestinal malabsorp., surg. correction of malfunct. intestine, case report 19851

megaloblastic anemia in Indonesia 46542

***in pregnancy***

clin. manifest. & ther. (Dan) 55104

megaloblastic anemia 41874

megaloblastic anemia, case report 14406

megaloblastic anemia in pregn. & puerperium 5572

41867

megaloblastic anemia, statist. in Venezuela 12406

***therapy***

of microcytic anemia (It) 53584

thymidine in megaloblastic anemia, limited ther. value 19439

vitamin B12 factor III m, determ. of clin. value in megaloblastic anemia (Ger) 18981

***urine in***

pepsinogen, diag. value of determ. (It) 20180

vitamin B12 levels after admin. of high doses in megaloblastic anemia 24376

## ANEMIA, HYPOCHROMIC

chlorosis, endocrine & psychol. status (Sp) 44554

classif. by cytol. & blood chem. (Fr) 32309

hypersideremic (Fr) 54207

postgastrectomy, review 43276

recur., follow-up (Sw) 52731

*blood in*
disord. of iron utilization for hemoglobin form., cytol (Fr) 54292
disord. of iron utilization in hemoglobinogenesis in hypersideremic hypochromic anemia (Fr) 54289
iron absorp. from graded doses, application to iron absorp. tests & mucosal block theory 26034
iron excess, comparison with thalassemia (Fr) 21293
iron load curve & iron binding capacity, diag. value (Dut) 29971
iron, review 30192
*complications*
angina pectoris (Fr) 41129
hypersideremic hypochromic anemia with disord. of hemoglobinogenesis & fatal hemochromatosis (Fr) 54296
severe anemia with gastrointestinal hemorrh. after heavy salicylate consumption 18458
with duodenum liberum & mesenterium commune (It) 21456
with hemolytic anemia & elevated cold agglutinin titer in child, clin.-pathol. conf. 16588
*etiology and pathogenesis*
cancer of female genitalia, prev. & ther. with iron-cobalt prep. (It) 6857
carbon monoxide pois. causing hypersideremic hypochromic anemia (Fr) 54299
hookworm infect. in tropics, determ. by radioiron & radiochromium 49213
nicotinic acid & vitamin B6 defic. in tropics, case reports 13873
*experimental*
hypersideremic hypochromic anemia induced by lead, fluorine or carbon monoxide pois. in rabbits, pathogen. mechanism (Fr) 54291
induced by sodium fluoride pois., in rabbits, with increased blood iron 26795
*in aged*
35183
*in infant and child*
(Fr) 32407
iron-dextran complex, intramusc. inject. (Fr) 54062
radioiron uptake by blood proteins, comparison with normal cond. (Rus) 43548
review 43279
ther. (Fr) 49746
ther., intramusc. iron-dextran complex, comparison with oral ferrous sulfate 41264
ther., iron, intramusc. admin. (Ger) 52173
vitamin B12 ther. (Rus) 43560
with edema & transient idiopathic hypoproteinemia, case report 26426
*in pregnancy*
iron defic. causing cramping of gastrocnemius musc., ther., iron compound-dried yeast prep. (Ger) 11436
prev. 6173
ther., α-aminoacetic ferrous sulfate complex 43792
ther., hemostimulin (Rus) 12112
ther., iron-dextran complex 22165
ther., iron dextran complex, saccharated iron oxide & ferrous sulfate, gluconate & succinate, comparative results 53228
*therapy*
iron-dextran complex (Ger) 55380
iron-dextran complex, intramusc. admin. (Fin) 27277
iron, parenteral admin., indic. & compl. 54861
of microcytic anemia (It) 53584
reduced iron with bact. metabolite prep. hylak-f, cobalt chloride & vitamin C (Ger) 1588

*ANEMIA, IRON DEFICIENCY see* ANEMIA, HYPOCHROMIC

ANEMIA, LEUKOERYTHROBLASTIC
myelofibrosis (Cz) 26536
myelofibrosis, clin. & pathol. correlation (Cz) 26537
review (Fr) 32205
*blood in*
hemoglobin presence in erythroleukemia cells 25920
*case reports*
(Dan) 10651
*complications*
cancer of breast, ther., hypophysectomy 35189
*etiology and pathogenesis*
benzene pois. causing osteosclerotic leukoerythroblastic anemia, liver cirrhosis & develop. of miliary tuberc. (Ger) 27447
cancer of stomach with metastasis to bone marrow 50064
pituitary tuberc., with capillary toxicosis (Rus) 31189
*pathology*
skeletal changes, x-ray (Cz) 26538
*virus*
reproduction in chorio-allantoic chick membranes (It) 13996

*ANEMIA, MACROCYTIC see* ANEMIA, HYPERCHROMIC

*ANEMIA, MEGALOBLASTIC see* ANEMIA, HYPERCHROMIC

*ANEMIA, MYELOPATHIC see* ANEMIA, LEUKOERYTHROBLASTIC

ANEMIA, PERNICIOUS

*see also* VITAMIN $B_{12}$ DEFICIENCY
hist. 46440
review (Ger) 41723
*blood in*
erythroblasts, correlation of maturation, biochem. & funct. changes (It) 39772
megaloblastosis 13876
*case reports*
in identical twins 23719
vitamin B12 defic. in non-treated anemic patients 24372
*complications*
chlorhydria, reappearance following vitamin B12 ther. (Fr) 21335
diabetes mellitus (Ser) 51705
leukemia, acute (Ger) 15779
polycythemia vera 30917
Sheehan synd. & hepatosplenic cirrhosis (Sp) 8848
sickle cell trait 46608
sprue, nontropical, with diabetes mellitus & hypocalcemia 24864
thyroid dis., case reports 11975
*diagnosis*
pitfalls 27073
radioactive vitamin B12 test (It) 44332
Schilling test, concentration of urinary vitamin B12 by absorp. on carbon 17589
*differential diagnosis*
errors (Ger) 29405
masking by multivitamin prep., case report 52599
*etiology and pathogenesis*
relation to liver dis., review (Ger) 37232
*in pregnancy*
causes & diag., vitamin B12 & iron sulfate ther. (Sp) 21202
*metabolism*
amino acids & proteins, review 26036
folic acid, eff. of vitamin B 12 ther. 38627
liver vitamin B12 storage & discharge, radiocobalt determ. 41034
vitamin B12 absorp. disord. induced by prolonged oral ther. 41812
vitamin B12 oral uptake, eff. of increasing doses of intrinsic factor concentrate 32242
D-xylose & potassium iodide absorp. & blood carotene levels 50723
*pathology*
bone lesions (Pol) 30868
gastric mucosa, biopsy 26037
gastrointestinal system, x-ray determ. (Ger) 51844
*physiology*
acid secretion by stomach 26030
intestinal absorp. of vitamin B12, eff. of sorbitol 31366
stomach 28991
thyroid (Fr) 21653
*therapy*
*see also* VITAMIN $B_{12}$, *therapeutic use*
folic acid & vitamin B12, studies in patients treated over 10-year period 50704
5-hydroxybenzimidazolyl- & 5-methoxybenzimidazolyl-cobalamins (Ger) 48068
intrinsic factor with vitamin B12 (Ger) 24228
thymidine, limited ther. value 18438

ANEMIA, SICKLE CELL
hemoglobin SC dis., clin. & x-ray manifest. 17284
hemoglobin S, familial study (Por) 49727
in Brazil (Por) 42195
in Cape colored family of So. Africa (Af) 21829
in Salmonella osteomyelitis (Fr) 36195
sickle-cell crisis in cor pulmonale in pulm. interstitial fibrosis, fatal 2895
sickle cell-hemoglobin D dis. 47511
sickle cells, polarizing microscopy for identification of slow limited sickling as true sickle 6181
sickle cells, prep. of stained films 4898
sickle cell stroma, amino acid content (Ger) 5097
sickle cell-thalassemia dis., clin. & hemato-chem. aspects & case reports (It) 25583
sickle cell-thalassemia dis. in adults 18423
sickle cell-thalassemia minor dis. in Jewish Negro woman 52671
sickle cell trait complicating chest surg. 27266
sickle cell trait, disease-producing potentials 1778
sickle cell trait in newborn 7847
sickle cell trait in pernicious anemia 46608
sickle cell trait incidence in Belgian Congo (Fr) 1073
sickle cell trait, transm. from mother to fetus after transfusion 24586
sickle cell trait with hemoglobin C dis., clin. & hered. aspects 48375
thalassemia-like leptocytic anemia with hemochromatosis in Czech. males (Ger) 15774
ther., acetazolamide (Fr) 14454
with pneumonia, ther. 42043
with vasc. occlusion 8259

ANEMIA, SPLENIC
(Dut) 49763
blocking of erythrocyte immission as possible cause of anemia in inhibitory hypersplenism (It) 32600
clin. & histopathol. (It) 31681
congen. abnorm. of portal vein in Banti's dis. (Cz) 21554
in allergic sensitivity & abnorm. reactivity (It) 31684
in chronic primary splenomegaly (It) 31682
in portal hypertension, surg. ther. (Fr) 31688
mechanisms (It) 31683
pathol. & hematol., contribution of Ferdinando Micheli 9601
relation to Algerian & Egyptian types of splenomegaly (Fr) 31685

*ANENCEPHALUS see* MONSTERS

ANESTHESIA

*see also* HIBERNATION, ARTIFICIAL

*see also* HYPNOSIS

*see also* HYPOTENSION, CONTROLLED

*see also* HYPOTHERMIA
adjuvant depressive eff. of 3-ethyl-3-phenylglutarimide 35986
adjuvant dihydrocodeine 37536
adjuvant dihydrocodeine in general anesth. 12663
adjuvants, ganglion blocking agents (Bul) 28724
adjuvant, glyceryl guaiacolate in abdom. surg. (Bul) 28701
adjuvant hydroxyzine (It) 51971
adjuvant hypnosis (Dut) 7304
adjuvant mepazine in neurosurg. 12656
adjuvant, meprobamate (It) 6782
adjuvant meprobamate (Sp) 43923
adjuvants, musc. relaxants (Bul) 28721
adjuvant musc. relaxants in bronchoscopy (Rus) 18189
adjuvant m-sorsynephrine, depot prep. (Ger) 7112
adjuvant promethazine 40273
adjuvant succinylcholine 12966
adjuvant, succinylcholine (Pol) 8091
adjuvant tranquilizing agents, indic. (Ger) 34597
analeptic eff. of cropropamide-crotethamide prep. (It) 35007
analeptics for recovery in anesth. (It) 42469
analeptics for recovery in anesth., classif. & mechanism of action (It) 42468
awakening eff. of cropropamide-crotethamide prep. in anesthetized patients (It) 35016
cardiac monitoring systems in anesth. 937
continuous control of resp. & blood circ. during anesth., methods (Ger) 35950

continuous registration of multiple organic funct. (Ger) 12880

depth control by EEG during admin. (Rus) 18180

eff. of deproteinized honey solutions on postop. recovery from anesth. (It) 42478

in ambulant patients (Ger) 29027

in ambulant patients, pharmacol. principles (Ger) 29026

in ambulant patients, surg. viewpoints (Ger) 29028

in cardiac patients (It) 11827

in cardiac risk patients 4961

in diabetics (Dut) 7302

in emergency surg. (Bul) 28722

in geriatric neurosurg., results (Ger) 35949

in GP 48496

in mass casualties, civil defense train. (Nor) 22240

in military surg. (Fr) 24755

in minor orthopedic surg., comparison of recovery time with & without 4,4-ethylmethylglutarimide 12861

in newborn (It) 42471

in pediatrics (Fr) 54155

in pediatrics, art of anesthetizing child. 20550

in pediatric surg. (It) 29695

in pediatric surg. (Rus) 9901

in pediatrics, rectal admin. of premedication (It) 51973

in renal insuff. (It) 35011

in surg. of wds. & inj. 51574

instrumental monitoring of patient's cond. during anesth. 967

interpretation of clin. response to general anesth. 55357

intra-arterial technic (Rus) 18195

mechanism of action & indic. for different methods (Rus) 18178

modern methods, importance (Ger) 19010

physiol. trespass in anesth. 39927

potentiated (Bul) 28728

potentiation by musc. relaxant in thoracic & abdom. surg., clin. & exper. trial (Rus) 18185

potentiation by promazine in obst. & gyn. surg. (It) 42489

potentiation by promazine, pharmacol. study (It) 42488

potentiation with new drugs, evaluation (Rus) 18181

preanesth. & postanesth. management with dextro propoxyphene 47314

premedication (It) 42482

premedication & anesth. in child. (Fr) 12984

premedication & induction of light stage of anesth., technic 12958

premedication for child., comparison of oral & intramusc. routes 47334

premedication with 10-(3-dimethylaminopropyl)thiophenylpyridylamine (Ger) 19059

premedication with diphenhydramine, atropine, meperidine, pentobarbital & scopolamine, comparison 52656

premedication with hydroxyzine (It) 51959

premedication with perphenazine in eye surg. 664

premedication with promazine in pediatric surg. (It) 42490

premedication with promethazine alone & with meperidine & secobarbital 21858

present-day indic. for different technics (Ger) 11116

pressoparesis, block of pressor responses, as anesth. method, technic, adjuvants & indications (It) 42479

recovery from anesth. by methylphenidylacetate 35986

regurgitation, cardiac sphincter exper. in cats & dogs 37954

statist. studies in anesth. (It) 42483

sterility of multiple dose containers after repeated use 12845

three-way stopcock with antibrachial & esophageal stethoscopes for monitoring anesth. patients 968

with atropine, indic. & contraindic. based on eff. on heart-rate 41857

with extracorporeal circ. 8282

***apparatus and instruments***

head & neck rest (Ger) 34285

pharyngeal airway 12869

pillow for use in anesth. 969

simple appar. for use in oral surg. in child. (It) 35008

transitorized time marker 37541

***complications***

anoxia, physiopathol. & prev. (Fr) 414

apnea in neostigmine-resist. curarization, mechanisms 12866

aspiration during induction of anesth., prev. 47308

aspiration, regurgitation & vomiting, management 14573

cardiac arrest, early detection by miniature R-wave cardiac monitor 4534

hypotension, comparison with conscious state 25984

indictment for manslaughter of anesthetist who inhaled anesthetic before & during fatal surg. 48339

malpractice, review 47339

malpractice suits against anesthesiologists 43717

misuse of relaxing agents 42125

mortal. in anesth. (Fr) 416

neomycin neuromusc. blocking action 12976

nurse-anesthetist, liability 16178

nurse-anesthetist, useful legal hints 16212

postanesth. nausea, retching & vomiting, ther., perphenazine 35981

postop. hypercapnic coma in patients with cardiopulm. insuff., immediate recovery by tracheotomy, case reports (Fr) 24252

postop. ventilation disord. 14539

prev. & ther. (Ger) 46007

reactions & death in otorhinolaryngol. surg. (Rus) 45718

resp. depression during general anesth., control by cropropamide-crotethamide prep. (It) 6779

resuscitation during anesth., hist. note 47336

risks 23089

risks & causes of fatal compl. 3163

shock, epinephrine ther., indic. (Fr) 418

***effects***

emotional reactions of surg. patients to anesth. 12699

mixed narcosis on kidneys, histochem. in rats (It) 25711

on blood bactericidal properties & phagocytosis (Rus) 11485

on blood coagulation (Ger) 46019

on gastric mucosa blood flow in dogs (Sp) 31024

on 17-hydroxycorticosteroid metab. 1218

on intraocular pressure 34915

on liver glycogen 12864

on oxygen saturation of cord blood during cesarean section 23539

on phagocytosis (Rus) 55769

on postop. intestinal motility (It) 42484

protective eff. of anesth. against lethality of DDT on mosquito larvae anesthetized before DDT testing 19493

***ANESTHESIA, CAUDAL*** *see* ANESTHESIA, REGIONAL

## ANESTHESIA, ENDOTRACHEAL

case reports (Bul) 28720

choice of tube in gyn. surg. (Ger) 11441

in newborn & young child., problems of intubation & curarization (It) 24940

intubation in brain surg., with artif. resp. (Ger) 25388

intubation in lung surg., prev. of endobronchial disperson of pulm. secretions by Carlens technic (Ger) 38445

intubation in trigeminal neuralgia (Ger) 41712

intubation of inf. & child. 37961

intubation technic, problems (Rus) 18199

modified T-piece technic 12964

oxygen-ether anesth. in pediatric surg. (Rus) 18184

potentiated anesth. in thoracic & abdom. surg. (Rus) 18183

potentiated in gyn. surg. (Rus) 12166

single lung anesth. (Rus) 18179

***apparatus and instruments***

new pen-point tip for Magill tube 20808

***complications***

43321

endotracheal tube as source of infect. 40319

granuloma of larynx caused by intubation (Por) 53872

extubation, risks & prev. of compl., review (It) 35003

intubation-induced 28137

isolated recur. paralysis (Ger) 12073

laryngeal inj. (Ger) 22779

minor laryngeal disord. caused by intubation, statist. 2031

minor pharyngolaryngeal changes immediately following intubation (It) 13503

pneumomediastinum & subcutaneous pneumothorax 8100

postanesth. hypoventilation 11072

telangiectatic granuloma, case report (Sp) 23914

## ANESTHESIA, INHALATION

carbon dioxide in respired gases containing cyclopropane & ether, infrared analysis 47333

eff. of high altitude 4533

eff. of mean endotracheal pressure on cardiac output 1248

hepatotoxicity of inhalation anesthetic drugs in mice 24757

in surg. shock (Rus) 18194

in ther. of duodenal ulcer, esophagoscopic infiltration of stomach (Fr) 42409

isoproterenol aerosols during anesth. in prev. of postop. chest compl. 35943

oscillography in general anesth. (It) 37533

positive-negative pressure ventilation with modified Ayre's T-piece 958

premedication with 2,2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine in general anesth. (Fr) 9502

with half-open circuit oxygenation (Fr) 50781

***apparatus and instruments***

anesthetic mask, new type (It) 25697

appar. for admin. of 1,1,1-trifluoro-2-bromo-2-chloroethane 12871

appar. for ether admin. with moistened oxygen (Rus) 13171

carbon dioxide absorbents, absorp. at various flow rates 47332

compression meter for carbon dioxide determ. (Dut) 52523

design & funct. of anesthetic vaporisers 961

drip feed appar. for admin. of 1,1,1-trifluoro-2-bromo-2-chloroethane 12870

fluotec vaporizer, performance measurement 970

modified Sandiford appar. for pediatric anesth. 29309

new three-way valve 12963

nonrebreathing valve, clin. aspects 47310

pressure-breathing appar. in anesth., choice 47312

rotameter, modified electric (Fr) 26827

simple device for testing conductivity of shoes worn in operating rooms to reduce explosive hazards 35983

transportable appar., independent of oxygen & nitrous oxide cylinders (Dan) 30213

***complications***

aspiration of gastric contents into resp. tract, prev. (It) 19154

contact dermatitis from rubber parts of anesth. equip. 52050

controlled automatic resp., errors & hazards (Ger) 13893

postop. bronchopulm. infect., caused by bact. from tubes & other parts of anesth. appar. (It) 35005

***effects***

apneic oxygen diffusion phenomenon during surg. under general anesth. (It) 51968

apneic oxygen diffusion phenomenon in bronchoscopy under general anesth. (It) 51969

metab. changes in acid-base equilibrium 32255

on vasc. responses to carbon dioxide 3037

***ANESTHESIA, INTRATRACHEAL*** *see* ANESTHESIA, ENDOTRACHEAL

## ANESTHESIA, INTRAVENOUS

amobarbital potentiation (Rus) 41542

appar. & technic during surg. procedures 12960

appar. for automatic inject. 42100

1,3-bis-[(5-β-chloroethyl-4-methyl)thiazole-3-yl-sulfo] ethane 14046

determ. of point of loss of consciousness in general anesth. 12969

## ANESTHESIA, LOCAL

added vasoconstrictor drugs causing fatal reactions (Ger) 23030

adjuvants, ganglion blocking agents (Bul) 28725

adjuvant triton WR 1339 (Ger) 46153

N-(p-aminobenzoyloxyethyl)-1,2,5,6-tetrahydro-pyridine, pharmacol. (Fr) 26791

amobarbital potentiation (Rus) 41543

aspiration of microorganisms contaminating hypodermic needles & anesth. cartridges during local dental anesth. 16532



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

dicaine-carboi-glycerin ungnent in cystoscopy in male (Bul) 28706

heat sterilization of local anesth. drugs & equip. for complete decontamination 16615

in ther. abortion (Rus) 9867

infiltration in gyn. surg. (Rus) 46821

intramedullary (Ger) 11378

intraosseous admin. in surg. of extremities (Rus) 18190

intraosseous admin. in various cond., use in outpatient department (Rus) 18192

intra-osseous, in orthopedics & traumatol. (Bul) 38729

intraosseous in ther. of purulent inflamm. of extremities in outpatient practice (Rus) 32566

mediastinal infiltration anesth. in intrathoracic surg. (Ger) 54937

of urethra in males for clin. exam. & surg., technic (Por) 21052

potentiated anesth. in thoracic & abdom. surg. (Rus) 18183

potentiation by artif. hibernation (Hun) 43424

refrigeration anesth., contribution of E. O. Mukhin (Rus) 32585

refrigeration, indic. & technics (Ger) 34543

with adjuvant hyaluronidase, review (Fr) 23664

with artif. hibernation in thoracic surg. (Ger) 35947

*ANESTHESIA, REFRIGERATION see* ANESTHESIA, LOCAL

ANESTHESIA, REGIONAL

*see also* ANESTHESIA, SPINAL

adjuvant hyaluronidase, review (Fr) 23664

adjuvant meperidine-promazine mixture 2040

axillary brachial plexus block, technic 972

brachial plexus block, neurol. seq. 47587

brachial plexus block, short-needle technic 37957

caudal anesth. inject. for postop. pain in anal surg., indic. & technics 32536

cervical sympath. block at level of intervening cord, technic (Fr) 36151

cervical sympath. block in cerebral angiography with diatrizoate sodium in cerebral infarct 45567

in surg. 9834

in tracheotomy (Rus) 55228

lidocaine neuromusc. block 9809

peridural block, in orthopedic surg. (It) 25602

premedication, comparison of meprobamate, pentobarbital & placebo 47327

procaine block of aorto-cardiac plexuses by trans-sternal puncture of anterior mediastinum (Rus) 41541

progr. 2036

splanchnic nerve block in laparatomy, postop. prolongation of block (Ger) 46014

sympath. nerve block, diag. & ther. use in surg. 54784

sympath. nerve blocks in orthopedic surg. 4510

trends in technics & indic. 4520

Vishnevskii's lumbar procaine block, methylene blue method of determination of solution spreading (Rus) 33197

***apparatus and instruments***

round head canula for sympathetic block (Ger) 3246

***complications***

nerve block, addition of vasoconstrictor drugs causing fatal reactions (Ger) 23030

paravertebral anesth. causing spondylitis (Ger) 39825

perf. of dura mater by plastic catheter during caudal anesth. 46532

***effects***

nerve block proximal to metacarpophalangeal joint on finger movement 5788

Vishnevskii's procaine block, on adrenal vitamin C (Ca) 38137

***in pregnancy***

caudal anesth. in vaginal delivery, organiz. of serv., medication, technic & maternal & perinatal inf. mortal. 47331

chloroprocaine nerve block in labor 19910

pudendal block, transvaginal approach, in labor 47011

vagal ganglion block with scopolamine-N-butylbromide in labor (Sp) 49165

***in various diseases***

brachial axillary lidocaine block in fract. of arm in child. 40315

convulsive tic, intracutaneous admin. (Ger) 16114

ethyl aminobenzoate-urethane block in blepharospasm 14106

intracutaneous alcohol-procaine anesth. in radiculitis (Rus) 28832

nerve block in cancer of uterus (Por) 23738

obturator nerve procaine block in arthrosis of hip, with hydrocortisone (It) 31764

pain, responsibilities of anesthetist 2035

paranephral block in kidney colic (Rus) 45228

procaine block in cracked nipples, with chloramphenicol-ethyl aminobenzoate emulsion (Rus) 9863

procaine block in mass-reflex spasm 43141

procaine block in neuralgia (Rus) 21889

procaine block in peripheral vasc. dis. (Pol) 30851

procaine block in snake bites (Rus) 9906

procaine block in trigeminal neuralgia (Rus) 21890

procaine infiltration of cervicodorsal ganglia in ther. of angina pectoris (It) 3725

pudendal & erector nerve block by procaine infiltration in urol. disord. (It) 36780

spermatic cord & round ligament block in renal colic & acute appendicitis (Rus) 41537

stellate ganglion block in pulm. embolism in pregn. 52835

subarachnoid inject. of phenol in intractable pain 28961

superior cervical ganglion block in hypogalactia (Ger) 11439

sympath. nerve block in various pain synd. (Ger) 35945

thromboangiitis obliterans, intraosseous procaine block, with x-ray ther. (Rus) 55263

ANESTHESIA, SPINAL

advantages & contraindic. 16612

continuous epidural anesth. in laminectomy 35978

epidural anesth. in ther. of postop. hemolysis with anuria, case report 2620

epidural, in prostatectomy, technic & statist. 12860

epidural, indic. & technic (Sp) 8201

epidural with chloroprocaine, safety & neo-inx. 34969

extradural, technics (Fr) 424

paravertebral nerve block in intrathoracic surg. (Ger) 54937

peridural, indic. & technic (Rus) 45208

peridural, segmentary, hydroxyzine as coadjuvant in orthopedic surg. (It) 6781

pharmacol. characteristics & mechanism of action of local anesth. cpds. used for spinal anesth. 16613

sacral epidural block, method using genucubital position, indic. (It) 39699

segmental peridural, in surg. of liver & bile ducts (It) 42487

***complications***

arachnitis & paraplegia in monkeys after contamination of spinal anesth. needles & syringes by detergent washings 16614

femoral nerve inj. unjustly attributed to anesth. in laparotomy, true cause discovered as Mann's abdom. retractor 14572

headache, ther., caffeine with ergotamine (Pol) 53142

hypotension in anesth. for cesarean section, case report 52668

late seq. of saddle block anesth. in labor 50172

liability of physician 12980

lumbar disk collapse & lumbar neuralgia, caused by inj. of disks in spinal puncture (Fr) 44782

malpractice suits & application of res ipsa loquitor 35988

neurol. compl., value of electromyography in determining anesth. as true causative agent 16616

NS following epidural anesth., case reports 2189

pain & spasm in amputation stumps of lower limbs 971

paralysis (Ger) 42930

paraplegia following epidural anesth., case report 2188

***effects***

continuous anesth. on CSF 35977

on cardiovasc. system, sympathetic reactions in dogs (Fr) 15106

peridural, eff. on autonomic NS (Dut) 43032

peridural, eff. on renal funct. (Ger) 33945

total medullary anesth. on cardiac output in dogs (Fr) 9021

***in pregnancy***

adjuvant in umbilical cord prolapse during labor 20074

in cesarean section, causing shock 12867

in labor 40986

lumbar epidural anesth. for vaginal delivery 14569

peridural in cesarean section (It) 11831

peridural, indic. in cesarean section (It) 6780

saddle block anesth. in labor (Sp) 8949

***in various diseases***

epidural procaine block in lumbosacral radiculitis (Rus) 45145

peridural, in liver dis., determ. of blood enzymes (Ger) 388

ANESTHESIOLOGY

aggressology, definition (Fr) 9058

aggressology, develop. of pharmacol. (Fr) 31917

aggressology, maintenance of equilibrium of cellular physiol. (Fr) 9059

aggressology, process & biol. significance of oxidation-reduction (Fr) 9061

alleged inhalation of anesthetic by anesthetist during operation & subsequent charge with man slaughter 48313

anesthesiol. department in private hosp., problems in organiz. & develop. 35987

anesthesiologists, hazards of repeated exposure to radiations 35985

anesthetist's role in preop. exam., prep. of patient & anesth. choice 28447

bibliog. 12074

contribution of Henry Beecher 47319

contribution of Crawford M. Long 54527

contribution of Edward Robinson Squibb 48973

contribution of John Snow 956

current progr. 5303

current progr. & technics 20501

current status (Rus) 18248

decoration of anaesthetic room, patients' reactions 37727

in Bulgaria (Bul) 28719

in England, comparison with Russia (Ger) 942

in France, organiz. & educ. (Fr) 413

in Royal Army Med. Corps 18042

in Russia (Rus) 32459

organiz. of anesth. serv., panel discussion (Fr) 24746

progr. 14057

review 18679

54795

St. Rene Goupil, patron saint of anesthetists & anesth. aides 40013

***education***

in Algiers, instruction of physicians & nurses (Fr) 428

residency train. 148

train. aids. 12967

***history***

22290

25988

50630

(Ger) 11131

chloroform as substitute for ether in surg. of midwifery 37542

ANESTHETICS

*see also* BARBITURATES

*see also* CHLOROFORM

*see also* CYCLOPROPANE

*see also* ETHER, ETHYL

*see also* ETHERS

*see also* ETHYL CHLORIDE

*see also* NITROUS OXIDE

*see also* TRIBROMOETHANOL

*see also* TRICHLOROETHYLENE

2-(4-allyl-2-methoxyphenoxy)-N,N-diethylacetamide (It) 42480

1,2-bis-[(5-β-chloroethyl-4-methyl)thiazole-3-yl-sulfo] ethane in intravenous anesth. 14048

chem. constitution & toxic action, relationships 46889

hydroxydione in geriatric surg. (Ger) 38933

hydroxydione sodium succinate, AMA council report 4483

hydroxydione succinate (Ger) 29441

hydroxydione succinate adjuvant in electroshock ther. (Fr) 36139

hydroxydione succinate, clin. trials 48318

hydroxydione succinate in bronchoscopy (Fr) 53236

hydroxydione succinate in cesarean sections (It) 19160

21497

hydroxydione succinate in gyn. surg. & obst. (Ger) 3738

hydroxydione succinate in labor (Fr) 38804

hydroxydione succinate in narcoanalysis (Dan) 22424

hydroxydione succinate in neurosurg., indic. (Fr) 431

hydroxydione succinate in otorhinolaryngol. surg. (Fr) 24751

53249

hydroxydione succinate in prostatectomy (Fr) 41467

hydroxydione succinate in surg., indic. (Fr) 420

hydroxydione succinate in surg., indic. & value (Fr) 422

hydroxydione succinate in thoracic surg. 36006

hydroxydione succinate in tuberc. surg. (Ger) 22836

hydroxydione succinate in otorhinolaryngol. surg. (Ger) 27747

hydroxydione succinate, indic. (Dan) 22423

hydroxydione succinate, review (Ger) 38983

hydroxydione succinate, trials (It) 35014

hydroxydione succinate, use in geriatric surg. (Sp) 42237

hydroxydione succinate, used as basic anesthetic in general surg. (Dan) 30214

hydroxydione succinate, with barbiturates (Ger) 12878

isopropyl chloride in tonsillectomy & adenoidectomy in child. (Ger) 49036

pharmacol. testing 53546

N-(1-phenyl-cyclohexyl)piperidine 12977

potentiation by 1,4-dipyrrolidino-2-butyne in mice (Ger) 29883

1,1,1-trifluoro-2-bromo-2-chloroethane 32494

1,1,1-trifluoro-2-bromo-2-chloroethane (Fr) 416

1,1,1-trifluoro-2-bromo-2-chloroethane, adjuvant to nitrous oxide in outpatient dent. extractions 48163

1,1,1-trifluoro-2-bromo-2-chloroethane, chem. & phys. properties, admin. & eff. on resp. & circ. (Fr) 54154

1,1,1-trifluoro-2-bromo-2-chloroethane, clin. evaluation 47280

47594

1,1,1-trifluoro-2-bromo-2-chloroethane, comparison with chloroform & trichloroethylene 2610

1,1,1-trifluoro-2-bromo-2-chloroethane concentrations obtained with Fluotec vaporizer 48161

1,1,1-trifluoro-2-bromo-2-chloroethane-ethyl ether as azeotropic mixture 14567

1,1,1-trifluoro-2-bromo-2-chloroethane-ethyl ether mixture, properties 14568

1,1,1-trifluoro-2-bromo-2-chloroethane, evaluation 54537

1,1,1-trifluoro-2-bromo-2-chloroethane in hosp. of Northern Ireland, statist. 3032

1,1,1-trifluoro-2-bromo-2-chloroethane in neurosurg. 4329

1,1,1-trifluoro-2-bromo-2-choroethane in surg. of deafness 54437

1,1,1-trifluoro-2-bromo-2-chloroethane, modern substitute for chloroform 35976

1,1,1-trifluoro-2-bromo-2-chloroethane, pharmacol. 24764

1,1,1-trifluoro-2-bromo-2-chloro-ethane, pharmacol. & clin. evaluation (Ger) 47293

1,1,1-trifluoro-2-bromo-2-chloroethane rebreathing in anesth. circuit 48160

1,1,1-trifluoro-2-bromo-2-chloroethane, use in fully closed circuit 35938

1,1,1-trifluoro-2-bromo-2-chloroethane, use in fully closed circuit, indic. & eff. 35939

1,1,1-trifluoro-2-bromo-2-chloroethane vaporization in copper kettle vaporizer 962

***administration***

hydroxydione succinate (Ger) 55709

hydroxydione succinate, rectal admin., clin. trial (Dan) 22422

1,1,1-trifluoro-2-bromo-2-chloroethane concentration from a Rowbotham's bottle in a circle absorp. system 2029

1,1,1-trifluoro-2-bromo-2-chloroethane, drip-feed admin. in neurosurg. & other surg. procedures 12857

1,1,1-trifluoro-2-bromo-2-chloroethane, modification of Cozeter-Mushin circle absorber unit used in closed circuit 2033

1,1,1-trifluoro-2-bromo-2-chloroethane vaporizers, performance 47330

***antagonists***

hydroxydione succinate, antag. of histamine (It) 37460

***effects***

hydroxydione succinate, enhancement of curare action & inhib. of acetylcholine action (It) 37461

hydroxydione succinate on adrenal cortex in rabbit (It) 27633

hydroxydione succinate on adrenal funct. (It) 19157

hydroxydione succinate on blood circ. in introductory phase (Ger) 12883

hydroxydione succinate on central polysynaptic mechanisms in cat 13465

hydroxydione succinate on CNS in rats & rabbits (Fr) 32923

hydroxydione succinate on kidney funct. in rabbit (It) 42475

hydroxydione succinate on liver funct. in rabbit (It) 42474

hydroxydione succinate on musc. phosphate synthesis in dogs (It) 1934

hydroxydione succinate on pancreatic diastase (It) 42476

hydroxydione succinate on reactivity of smooth & striated musc. to acetylcholine & potassium (It) 37459

hydroxydione succinate, on urinary excretion of pregnandiol, in patients of gyn. surg. 36048

hydroxydione succinate, pharmacol., exper. & clin. aspects (Ger) 38972

on blood circ. 17677

on brain electric potentials (It) 51967

on cortical dendritic spike & its slow potential aftermaths 50910

on electrical activity of reticular form. & cerebral cortex 50229

on exper. on epinephrine - ergotoxine synergism & antag. in cats 24034

on incidence of asystole & ventric. fibrillation in hypothermia in dogs, comparative eff. 40274

on liver funct. (It) 42473

on liver morphol. & funct., review (It) 42472

on lumbar sympath. ganglia, histol. & clin. eff. (It) 29561

on strabismus angle 23851

on survival time of rats after exper. bilateral cervical vagotomy 24821

protective eff. against exper. kidney tubule necrosis caused by acriflavine in rabbits 17890

1,1,1-trifluoro-2-bromo-2-chloroethane & ether on liver funct. 54712

1,1,1-trifluoro-2-bromo-2-chloroethane in neurosurg. (It) 19354

1,1,1-trifluoro-2-bromo-2-chloroethane-induced hypotension in cats, mechanism 37955

1,1,1-trifluoro-2-bromo-2-chloroethane, inhib. eff. on uterine contractions during labor anesth. 29000

1,1,1-trifluoro-2-bromo-2-chloroethane on acid-base equilibrium 47326

1,1,1-trifluoro-2-bromo-2-chlorethane on cardiovasc. system 14566

1,1,1-trifluoro-2-bromo-2-chloroethane on cardiovasc. system & resp. in dogs 35984

1,1,1-trifluoro-2-bromo-2-chloroethane on cardiovasc. system in child 14045

1,1,1-trifluoro-2-bromo-2-chloroethane on circ. dynamics 48162

1,1,1-trifluoro-2-bromo-2-chloroethane sensitization of dog heart to action of epinephrine 960

volatile anesthetics on human nerve-musc. prep. in vitro 955

***injurious effects***

relation to brain ischemia (Ger) 7080

1,1,1-trifluoro-2-bromo-2-chloroethane causing hypotension, incidence & significance 54538

***therapeutic use***

hydroxydione succinate, clin. evaluation (Tur) 22375

hydroxydione succinate in acute alcoholism (Fr) 36120

hydroxydione succinate in delirium tremens (Sw) 33139

hydroxydione succinate in eclampsia (It) 39617

hydroxydione succinate in eclamptic attack during labor (Sp) 33275

51626

1,1,1-trifluoro-2-bromo-2-chloroethane in prev. of surg. shock 14048

varicocid in verruca (Pol) 44187

**ANESTHETICS, LOCAL**

***see also*** **AMINOBENZOATES**

***see also*** **COCAINE**

***see also*** **LIDOCAINE**

***see also*** **PROCAINE**

absorp. in various cond. 16570

1-(4-alkoxypyridyl-2)ethyl-2-piperdines, prep. & local anesthetic properties (Ger) 13365

aminoacylamides & aminoacylanilides, eff. of substitution in acylated amino group on pharmacol. activity (Ger) 36926

aminoacylanilides, relation of chem. structure to pharmacol. action (Ger) 1585

aminoacylanilides, relation of length of acyl chain to activity (Ger) 13646

aminoalkyl-phenyl-ureas, structure-activity relationship (Ger) 36941

3-amino-4-chlorobenzoic acid esters, synthesis & properties 3547

benzoic acid complex esters (Rus) 39331

chem. structure in relation to anesth. activity in various types of new cpds. (Ger) 36955

cycloparaffin deriv. of urethane (Fr) 36178

dibucaine in hyperbaric solution in labor & cesarean section (Sp) 8949

diethylaminoethyl di- & trialkoxybenzoates, prep. & phys.-chem. properties (Ger) 13368

10(3-dimethylaminopropyl)-thiophenylpyridylamine (Ger) 6733

furfurylideneacetone deriv. & 5-furyl-2-pyrazoline deriv. (Ger) 36954

heat sterilization of drugs for complete decontamination 16615

hexylcaine in esophagoscopy & gastroscopy anesth. 49708

lidocaine, procaine & oracaine, evaluation in operative dentistry 52851

meprylcaine, pharmacol. in various animal species 1447

N-methylpipecolic acid 2,6-xylidide & hostacain in out-patient surg. (Ger) 12888

pharmacol. characteristics & mechanism of action of local anesth. cpds. used for spinal anesth. 16613

N-[3-(p-phenoxymethylphenyl)-propyl]-morpholine, prep. & properties (Ger) 13645

properties of barbituric acid deriv. & diphenylhydantoin deriv., eff. of alkaline hydrolysis (It) 3549

recent advances 29252

thiobarbituric acid deriv. & noncyclic thioureides, prep. & properties in relation to chem. structure (It) 49412

***determination***

electrophoresis (It) 27427

stovaine, technics (Fr) 11840

tetracaine analysis in mixtures with phenylephrine, chromatography 50259

***effects***

biol. testing of new cpds., graphic method for evaluation of results (Ger) 47738

2-furoic acid deriv., pharmacol. eff. in relation to structure (Fr) 54880

N-methylpipecolic 2,6-xylidide on cornea after retrobulbar inject., comparison with lidocaine (Dan) 30215

on blood pressure in dogs after arterenol admin. (Ger) 35940

on post-stimulatory after-discharge of neurons 15691

on pulm. dilat. receptors & tracheal contact receptors in guinea pigs, comparison with antitussive action (Ger) 29893

tetracaine, on adenylpyrophosphate metab. by nasal mucous membranes in rats (Ger) 25334

tetracaine on leukocyte count reaction to gastric intubation (Cz) 9493

tetracaine, potentiation by chlorpromazine, exper. trials (Ger) 23053

tetracaine-tripelennamine solution effectiveness as topical anesth. for peroral endoscopy 34932

***injurious effects***

8119

during otorhinolaryngol. surg. in child. (Sp) 23906

in otorhinolaryngol. surg. (Sw) 32849

systemic reactions 9759

toxic eff., determ. by cultured ciliated resp. tract epithelium (Ger) 12091

**ANEURYSM**

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

***see also*** **AORTIC ANEURYSM**

***see also*** **CEREBRAL ANEURYSM**

***see also*** **FISTULA, ARTERIOVENOUS**

arterial homografts 30927



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

hist. 29286
multiple, of large arteries, caused by anaphylactic reaction to antitetanus serum inject. (Ger) 42348
repair of aneurysm of intrathoracic arteries (Ger) 29075
surg. 46514
traum. aneurysms of extremities, value of angiography & oscillography in diag. & ther. (Rus) 45668

***ANEURYSM, ARTERIOVENOUS see*** **FISTULA, ARTERIOVENOUS**

**ANGINA PECTORIS**

(Fr) 21581
43733
faults in diag. & management of cardiac pain 46294

***blood in***

clearing eff. of gastric mucin in dietary hyperlipemia in angina pectoris, plasma turbidity & ECG changes 2891
eosinophil count 38416
lipids (Fr) 44607

***case reports***

fatal outcome precipitated by emotional shock (Rus) 33261

***complications***

Tietze's dis., case demonstrating diag. problems (Sp) 39135

***differential diagnosis***

dis. manifest. by chest pain (Fr) 10045
epilepsy with thoracic manifest. (Fr) 10672
neurocirc. asthenia, patient & physician in cardiac sympt. form. 16641
spine dis. (Ger) 6089

***etiology and pathogenesis***

barbiturate allergy, antihistaminic ther. (Ger) 22820
coronary arteriosclerosis, differ. diag., clin. pathol. conf. (Dut) 52526
hemochromatosis (Sw) 43182
hypertension, ther. 5348
hypochromic anemia (Fr) 41129
traum., in indust. (Fr) 37793

***manifestations***

ECG 51150
ECG in reversible angina pectoris 15542
ECG, frequency of precordial systolic bulges 33059
Master's 2-step test, clin. re-evaluation 38041
premature systoles after 2-step exercise test, ECG 15540

***pathology***

heart pathol., statist. (Sp) 1548
mechanism of pain, electron microscopy 15716

***physiology***

adrenal cortex funct. (Rus) 41652
eff. of digitalis & strophanthin on blood vessels of isolated human hearts (Rus) 52976

***surgery***

coronary curettage, case report 49188
direct-vision coronary endarterectomy 30118
exper., vasomotor & vasoconstrictor eff. of coronary nerve surg. (Fr) 6394
Hufnagel valve in angina & congestive failure due to aortic insuff., subsequent term pregn. 35629
mammary artery ligation 7404
35908
50804
mammary artery ligation (Ger) 38447
39832
mammary artery ligation (It) 37532
med. aspects (Nor) 43186
methods & technic (Nor) 43187
place of cardiac surg. in management of angina pectoris 39930
technic (Ser) 51706

***therapy***

acenocoumarol, long-term admin., review 26512
adjuvant mepazine 36341
aminotrate (Rus) 45118
45119
amobarbital-pentaerythritol tetranitrate prep., sustained release admin. 902
anticoagulants 25838
assay of antianginal agents 4486
39437
dibasol (Rus) 45204
glyceryl trinitrate-pentaerythritol tetranitrate-reserpine prep., statist. 8135
iproniazid 458
14248
48494
iproniazid (Ger) 21602
26483
iproniazid (Sp) 21795 31021 43859 53963
iproniazid & isoniazid (Sp) 20619
iproniazid causing transitory ment. disord. during ther. of decubital angina 14250
magnesium sulfate, in patients with chronic coronary heart dis. 54506
management 14079
med. & surg., review 3372
nilatil (Nor) 54949
nilatil (Sw) 45349
pentaerythritol tetranitrate alone & with khellin (Ger) 19016
pentaerythritol tetranitrate & secobarbital combination, admin. timed-disintegration capsule form 16358
pentaerythritol tetranitrate, time-disintegration capsules for continuous 24-hour vasodilat. to reduce frequency & severity of attacks 38830
procaine block of aorto-cardiac plexuses by trans-sternal puncture of anterior mediastinum (Rus) 41541
procaine infiltration of cervicodorsal sympath. ganglia (It) 3725
radioiodine induction of hypothyroidism in ther. of intractable angina 1141
raubasine (Fr) 31068

**ANGIOCARDIOGRAPHY**

cineangiocardiography of dynamics of orifices of venae cavae 48704
cineangiocardiography of left heart in dogs 26503
contrast medium inject. 37636
in child. (Fr) 32394
intravenous, clin. statist. 35430
methods 48591
millisecond timing, comparison of dynapulse & impulse timing 810
preop. value 6981
selective cineangiocardiography with image intensification 14029
selective, reaction of heart 812
with carbon dioxide in dogs (Fr) 42508

***anesthesia and analgesia***

technic & results 35940

***apparatus and instruments***

pressure injector 14241

***complications***

death in Ayerza's synd. (Ger) 55544
perf. of heart 2894

***in various diseases***

auric. septal defect (It) 42622
Bland-White-Garland synd. 811
cineangiocardiography in congen. cardiovasc. defects, with cardiac catheterization 30411
cineangiocardiography in patent ductus arteriosus 14963
cineangiocardiography in septal defects, diag. value with cardiac catheterization 24354
lung dis. in child. (Fr) 32395
pericardial effusion, value in diag. & surg. 22078
pulm. emphysema, determ. of hemodynamics of lesser circ. (Por) 6788
pulm. stenosis with patent foramen ovale 12306
selective, in acquired & congen. heart dis., technic & value in surg. 31633
selective, in congen. cardiovasc. defects (Fr) 30484
selective left ventric. in subaortic stenosis 10312
septal defect, interventric., correlation with pressor findings (It) 29657
tetralogy of Fallot (Por) 44473
venous, in congen. cardiovasc. defects, washing off of opaque blood sympt. (Rus) 10788

***ANGIOENDOTHELIOMA see*** **ANGIOSARCOMA**

***ANGIOENDOTHELIOMA see*** **HEMANGIOENDOTHELIOMA**

**ANGIOGRAPHY**

abdom. arteriography, eff. on blood proteins (It) 19162
abdom. arteriography, eff. on blood sugar (It) 42539
anesth., indic. & contraindic. (It) 51970
aortic branches, demonstration with percutaneous inserted catheter, indic. & results (Ger) 15862
aorto-arteriography, slow inject. method 10111
aortography abdom. (Fr) 51461
aortography, abdom., compl. 30133
aortography, abdom., indic. & limitations in urol. (It) 42525
aortography, abdom., review 30133
aortography & arteriography in surg., Seldinger's technic of arterial catheterization 46849
aortography & arteriography of of abdom., legs & pelvis (Dut) 52481
aortography, arteriography & venography, indic. & methods 48591
aortography before & after surg. for coarctation 35471
aortography, blocked, for postmortem study of coronary arteries (It) 31648
aortography in absence & aplasia of kidneys (It) 42535
aortography in determ. of relation of arteries of kidneys & adrenal glands (Ger) 55596
aortography in renal tuberc., diag. & ther. value (It) 40981
aortography lumbar of normal & cancerous adrenal glands 35446
aortography occlusion for visualization of coronary circ., review 20945
aortography, percutaneous translumbar abdom., in arteriosclerotic aortocaval fistula 8570
aortography, present status 20548
aortography, pressure injector 14241
aortography, retrograde, by humeral catheterization, in diag. of aortic valvular defects (It) 42677
aortography, technics (Por) 18832
aortography thoracic for collateral circ. visualization in atresia of pulm. arteries 47845
aortography, thoracic percutaneous in valvular dis. 46721
aortography, translumbar & renal arteriography, indic. & comparative diag. value (It) 8584
aortography translumbar, anesth. 37538
aortography, translumbar in arteriosclerosis obliterans of legs 1234
aortography, translumbar, in determ. of internal diameter of renal artery & its relation to renal funct. 10128
aortography with large doses of contrast media, eff. on kidney funct. in dogs 35447
arm phlebography in venous obstruct. (It) 6798
arteriographic & pathol. studies of amputated extremities 54654
arteriography, evaluation of peripheral vasc. response to intra-arterial inject. by impedance plethysmography 22008
arteriography in acute & chronic osteomyelitis (Cz) 9437
arteriography in arteriosclerosis obliterans, diag. & ther. value 49866
arteriography in arthritis of wrist (Ger) 23090
arteriography in bone dis. (Por) 39484
arteriography in cancers of bone (Por) 49729
arteriography in child., technics & diag. value & limitations (It) 24941
arteriography in peripheral vasc. dis. (Sp) 35992
arteriography in vasc. compl. of polio. (Ger) 15843
arteriography, indic. & hazards 11068
arteriography, preop. value 6981
automatic injector for contrast material 24659
automatic long-segment serial angiography 31643
carotid external arteriography (It) 13501
carotid, lesions at site of puncture (Ger) 35414
cassette exchanger (Hun) 29166
casuography in determ. of extent of involvement in lymphomas 50210
causing carotid dissecting aneurysm 52572
cavography, in diag. & ther. of retroperitoneal testes tumor metastases (Ger) 15864
cavography of pelvic veins, diag. value in pelvic venous thrombosis (Ger) 25189
contrast medium iodopyracet methylglucamine salt (Ger) 15338
coronary arteriography by suprasternal transaortic technic 48703
coronary arteriography, eff. of mechanical choledochal irritation (Ger) 10398
coronary arteriography in arteriosclerosis 28163
coronary arteriography in myocardial infarct in dogs 54668
coronary arteriography, phasic dye inject. control system & method of application 54715
coronary arteriography with acetylcholine as adjuvant (Fr) 37768
coronary stereomicroangiography of intercoronary arterial communication in normal heart, postmortem 18125
extremities, in peripheral vasc. dis. (Pol) 30826
extremity & pelvis phlebography, diag. value (Ger) 15842
extremity, in traum. aneurysms (Rus) 45668
femoral arteriography after nylon graft replacement of obstructed segment (Fr) 53369
femoral arteriography causing skin necrosis 47593
gastric arteriography in gastrointestinal hemorrh. 49699
gastric, in cancer & precancer, studies on vasc. changes on resected specimens (Rus) 33580
genital internal arteriography in cow 50285
hip phlebography in osteoarthritis 48660
in aortic stenosis, congen. subisthmic, case report & review (It) 37441
in cancer of bone 38077
in internal carotid artery occlusion, avoidance of false localization 50947
in intralobar bronchopulm. sequestration with anomalous pulm. artery 19829

in mitral stenosis, prep. indic. & technics (Fr) 24283
in patent ductus arteriosus, with retrograde aortic catheterization (Fr) 7046
in pulm. dis. (Ger) 29078
in tuberc., determ. of vasc. changes in dogs (Rus) 55247
intra-organ microangiography (Rus) 47890
jugular vein visualization by intra-orbital inject. of contrast medium (Fr) 54116
jugular venography of venous patterns after occlusion of jugular system 22007
leg arteriography, early refilling of venous system of proximal segments 51611
leg arteriography in fract. (Ger) 11422
leg arteriography in obliterating arteriopathy (It) 43337
leg arteriography in tumor diag. (Bul) 41567
leg of phlebography (Ger) 44308
leg phlebography, ascending 13002
leg tilt phlebography in diag. of incompetent communicating veins 35453
leg tilt phlebography in normal cond. 35459
leg phlebography in peripheral vasc. dis., diag. & ther. value in assoc. with venous blood measurement (Pol) 30836
mediastinal & pulm., as aid in determ. of resectability of primary lung cancer 37995
method for slowing of systemic circ., indic. & value (It) 29574
of collateral circ. 10096
pelvic angiography, percutaneous bilateral, technic & diag. value in pregn. compl. 12667
pelvic arteries, diag. of calcifications in arteriosclerosis (Pol) 30825
pelvic arteriography, percutaneous retrograde, clin. value & interpretation 12668
pelvic phlebography, intrauterine, in gyn. dis., diag. value (It) 42564
percutaneous selective, of celiac artery, technic, results & contrast medium tolerance 35467
peripheral (Ger) 23744
peripheral arteriography with changing magazine & reinforced films, diag. value in orthopedics & accid. inj. (Ger) 18982
peripheral, serial, in circ. disord. (Ger) 49039
phlebography in liver tumors 35463
phlebography in peripheral vasc. dis. of leg (Cz) 9431
phlebography, intraosseous, in female pelvic tumors 35460
phlebography retrograde by ascending inject. 35441
photofluoro-angiograph (Dut) 43079
photofluoroangiography, indic., methods & diag. value (It) 44336
popliteal phlebography in varicose veins complicated by abnorm. deep veins 22013
pulm. in pulm. tuberc. & followed by excretory urography (Ger) 45463
pulm., postmortem demonstration of terminal vasc. structures (Ger) 33521
pulm., selective (Ger) 22189
pulm. selective, with diatrizoate sodium & methylglucamine salt (Ger) 22206
pulm., surg. significance (Pol) 20449
renal & vesical arteriography (It) 42528
renal angiography during & after exper. unilateral occlusion of ureter in dogs 35468
renal angiography in kidney cancer & cysts, differ. diag. value 33444
renal angiography in periarteritis nodosa causing sudden death in 7-year old child., postmortem diag. (Fr) 45003
renal angiography, technic (Sp) 21043
renal angiography, tolerance of rabbit kidney to newer contrast media 35440
renal arteriography (It) 42533
42534
renal arteriography & phlebography (It) 42530
renal arteriography in differ. diag. of renal tuberc. (It) 42521
renal arteriography in normal & pathol. cond. (It) 42516
42522
42523
renal arteriography in ureteral block in dogs (It) 42527
renal arteriography, inj. eff., review & exper. 35469
renal arteriography, selective (It) 42517
42518
renal arteriography, selective, & translumbar abdom. aortography, comparative indic. in urol. (It) 42532
renal arteriography, selective, in primary tumors of kidney (It) 42531
renal arteriography, transfemoral (It) 42519
42520
renal, in rheum. heart dis., comparison with histol. aspects (Rus) 25729
renal roentgenkinesangiography, selective (It) 42526
renal venography with bilateral venous catheterization, technic 18420
saphenous phlebography in leiomyoma 25058
Seldinger's catheter method (Ger) 15844
serial vasography in peripheral vasc. dis. (Pol) 30827
small intestinal postmortem angiography in hypertension 41837
splenoportography in gastrointestinal hemorrh. (Pol) 20416
splenoportography in pancreatic dis. (It) 6811
splenoportography, in pancreatic tumors 24657
splenoportography, in portacaval shunt operation planning (Heb) 39781
splenoportography in portal hypertension (Fr) 36653
41133
41397
splenoportography in recur. post-op. echinococcosis of liver (Sp) 37285
splenoportography in splenomegaly (Ger) 15841
splenoportography in various dis., indic., methods & interpretation 54424
splenoportography, indic. & technics in military hosp. (Fr) 14366
splenoportography percutaneous 32521
splenoportography, percutaneous (Sp) 2929
splenoportography, percutaneous in portal hypertension, technic & diag. value 10685
splenoportography, serial, diag. value (Pol) 30724
splenoportography, transparietal, in diag. of hepatobiliary tumors (Fr) 54608
vertebral & azygos venous opacification after inject. of contrast media into saphenous or femoral veins in congen. cardiovasc. defects 814
vertebral, by retrograde catheterization of femoral artery, technic & indic. (Fr) 35413
vertebral venography transspinal in lumbago, diag. & ther. value (Ger) 45976

## ANGIOGRAPHY, CEREBRAL

(Ger) 42296
arteriography of external carotid artery, technic (Fr) 35455
collateral circ., review (Ger) 23798
contrast media, comparison 22169
contrast media, diatrizoate sodium (Ger) 19014
in child. (Ger) 7092
indic., technics & diag. value of cerebral arteriography 50204
internal phlebography (Ger) 33927
new technic using catheterization of common carotid artery via the superficial temporal artery 28561
of basilar vessels (Ger) 12954
phlebogram, anteroposterior, significance of internal cerebral vein 24658
photofluoroangiography (It) 44336

***anesthesia and analgesia***

technic & precautions 12859

***complications***

carotid & vertebral, temporary funct. circ. disord. (Ger) 39403
carotid angiography with thorotrast, local seq. 23691
carotid arteriography (Sp) 44482
carotid arteriography, comparative value & tox. of various contrast media 14145
carotid arteriography, compl., perf. of artery & retropharyngeal hematoma obstructing resp. tract (Sp) 3339
carotid, compl. at site of puncture (Ger) 35414
epileptoid seizures & hemiplegia, case report (Por) 36899
errors & hazards, prev. (Ger) 39402
temporary hemiparesis caused by cerebral arteriography, case reports (Cz) 3788
types & manifest. 12336

***effects***

carotid, eff. of contrast media sodium acetrizoate on blood pressure & heart rate responses in 35424
contrast medium iodopyracet in carotid angiography, blood pressure changes in cerebral arteries 35443
funct., in determ. of papaverine & diethylaminourethane eff. on cerebral blood vessels (Ger) 11035
on ECG during iodopyracet & diatrizoate angiography 46443
with diatrizoate sodium & methylglucamine salts, eff. on blood circ. & EEG, comparison with other contrast media (Ger) 55752

***experimental***

carotid, eff. of contrast media sodium acetrizoate & diatrizoate on cerebral circ. in cats 35423

***in various diseases***

abscess of brain, diag. & progn. possibilities (It) 42725
aneurysms, with cisternatography (Ger) 33846
cancer of brain, early opacification during serial x-ray (Fr) 35420
cancer of the ethmoid sinus, orbit & nasopharynx with intracranial involvement (Fr) 35422
carotid, in brain dis. & cancer (Ger) 35416
carotid, in brain hypertension without localising signs (Fr) 363
carotid, in intracranial meningiomas (Fr) 53309
carotid, in intracranial paragangliома 50874
carotid, in unilateral ophthalmoplegia 35421
cerebral hematoma, spontaneous (It) 42726
cerebral non-space occupying lesions, transient positive findings (It) 42722
cerebral occlusion, demonstration of compensatory processes (It) 32472
cerebrovasc. accid., diag. value 4010
diag. value in neurol. dis. (Ger) 11044
hematoma, traum. intracranial, diag. (Fr) 6188
lenticulo-striate arteriography in brain atrophy & expansive lesions 35415
occlusion of basilar artery, comparison with clin. findings (Ger) 7375
occlusion of middle cerebral artery, technic (Ger) 35417
phlebography in diag. of expansive brain lesions (Ger) 39401
thrombosis of internal carotid artery & its terminal branches, angiographic demonstration of collateral circ. 35418
vertebral arteriography in brain tumors (Fr) 35449
vertebral, in diag. of cancer of pineal body & adjacent areas 35419
with diatrizoate sodium & cervical sympath. block in cerebral infarct 45567

## ANGIOKERATOMA

corporis diffusum 14087
diffuse, causing enterocolitis (Dut) 43034

## ANGIOMA

***see also*** **LYMPHANGIOMA**

***see also*** **MAFFUCCI'S SYNDROME**

***see also*** **NEVUS**

angioma racemosum cerebri (Cz) 38287
cavernous of pons, review & case report (It) 54483
eye, tissue culture (Rus) 25744
spleen, review & case report (Fr) 31988
tegumentary, review (It) 42560
vertebrae 46705

***case reports***

abdom. wall, primary encapsulated angioma of striated musc. (Pol) 53136
axilla (Bul) 41591
cavernous hemangioma of choroid (Ser) 21947
cavernous hemangioma of liver, diag. & surg. (Fr) 31979
diffuse cavernous hemangioma of uterus 51020
diffuse venous angioma of right leg (Fr) 51376
esophagus, cavernous, diag. & surg. (Ger) 11416
hemangiolymphangioma of ethmoid labyrinth (Rus) 10779
hemangioma of lip (Sp) 43860
hemangioreticuloblastoma of left parieto-occipital region in young girl (Fr) 9147
immature vasc. nevi in identical twins 7
long bones (Rus) 45777
mediastinum (Ger) 34536
mesenteric (Fr) 53444
metacarpal hemangioma of thumb with arteriovenous fistulae of thumb (Fr) 51447
multiple hemangiomata with thrombopenia, pathogen. of thrombopenia 37227
perirenal hemangioma (It) 29744
racemose angioma of medulla oblongata with choroid angioma (Fr) 9135
retina, racemose hemangioma 23887
ribs (Sp) 25955
urethra, in women (Rus) 10728

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

*complications*

arteriovenous malform. of posterior cerebral fossa (Fr) 51386

arteriovenous of brain. assoc. with saccular aneurysm of arteries 51022

lipoidosis & thrombocytopenia in splenic angioma, histochem. & histopathol. 5607

plantar neuritis 8114

spinal cord, cavernous hemangioma (Rus) 34752

unexplained multiple spider angiomata in patient with Klinefelter synd. 48524

*diagnosis*

brain, ventriculography 35407

brain, with cerebral hematoma, x-ray diag., case report 28519

capillary intracerebral (Ger) 35574

EEG in angiomas of brain (It) 32119

hamartoma of brain, carotid angiography 53735

*in infant and child*

cavernous hemangioma of forehead in newborn, ther., sclerosing solutions (Por) 53869

colon, with thrombopenic purpura 47494

congen. subglottic hemangiomas of larynx & trachea in inf., pathol. 20260

involuting & noninvoluting, surg. technics 5212

mediastinum, case report (Fr) 20523

pleural capillary angiomatous malform. with rupt. in newborn, fatal case 171

skin & mucosa, ther., cryother. (Rus) 45637

skin, classif. & ther. 54849

thrombopenia-hemangioma synd. in inf. (Ger) 25271

*pathology*

peripheral nerves (Por) 15953

*surgery*

larynx, technic in cavernous angioma (Pol) 30330

remote results (Rus) 18247

skin & subcutaneous tissue 5210

*therapy*

radiophosphorus (Rus) 10834

radiostrontium & yttrium (Ger) 45361

radium, causing angiosarcoma & radiodermatitis (Ger) 6631

retina, electrocoagulation 12442

retina, photocoagulation 12436

thorium X in facial flat angioma (Sp) 53365

vertebral, radiother. (It) 39688

**ANGIOMA, SCLEROSING**

histiocytomas (It) 47803

mediastinum (Dut) 29968

**ANGIOMATOSIS**

ocular phakomatoses, review (Dut) 52502

Osler-Rendu dis. 20138

review (It) 42560

*case reports*

hand, x-ray aspects (Fr) 17992

Hippel-Lindau dis. (Rus) 34745

Sturge-Weber dis. (Ger) 11356

Sturge-Weber dis. (Pol) 28852

Sturge-Weber dis. of nerv. system, incomplete form (It) 3854

Sturge-Weber dis. with cerebral calcifications, clin. & histopathol. aspects 50929

varicose osteo-arthritic angiomatosis (Fr) 54181

*complications*

hemangiomatosis of bone causing massive osteolysis in 16-year old boy (Cz) 35034

jejunum, causing gastrointestinal hemorrh. 41155

Klippel-Trénaunay dis. with homolateral atrophy (Ger) 16095

Klippel-Trenaunay dis. with urticaria pigmentosa (Ger) 3992

Osler-Rendu dis., with severe epistaxis (Rus) 10770

*in infant and child*

brain, review & case report in 7-week old inf. 17918

intestinal, diffuse, in 7-year old child, diag. & ther. problems (Fr) 30457

Klippel-Trenaunay synd., with beginning coxarthrosis, in 5-year-old girl (Fr) 54193

Sturge-Weber dis., case report with necropsy 7849

*manifestations*

Klippel-Trenaunay dis., skin discoloration 12042

*pathology*

glomerular vessels of nasal septum (Fr) 44663

Sturge-Weber dis., histopathol. of intracerebral vasc. changes (Hun) 4130

*surgery*

hemispherectomy in Sturge-Weber dis. (Fr) 35247

**ANGIONEUROTIC EDEMA**

bloodletting ther. (Fr) 9632

etiol. (Fr) 24305

**ANGIOSARCOMA**

angioblastic meningioma 16307

angioblastic sarcoma in postmastectomy lymphedema 38004

caused by radium ther. of hemangioma (Ser) 6631

CNS, multiple (Ger) 23102

determ. in blood 50729

filtrable fibroangio-endothelioma with sarcomatous aspects, in chickens (Fr) 2318

giant angioblastoma of cauda equina, with minimal sympt. (Por) 53865

hemangioendotheliosarcoma of lungs (Fr) 41935

hemangioendotheliosarcoma of lung, mediastinum & intestine (Fr) 43781

spleen, complicating artif. pneumoperitoneum 49192

**ANGIOTONIN**

biochem. & pharmacol., review (Ger) 6080

*effects*

angiotonin I, on isolated ileal segments, indirect action 19549

angiotonin II, synthetic, on blood circ., kidney funct. & urinary electrolyte excretion in humans (Ger) 10321

on blood circ. in dogs (Fr) 38769

on isolated heart & isolated vessles of limbs of rabbits, comparison with various vasoconstrictors (Fr) 36573

on kidney dis. in dogs induced by burns, warmed blood & erythrocytes hemolyzed in vitro by distilled water (Fr) 38769

synthetic angiotonin II on blood circ. (Ger) 41756

*ANGUILLULIASIS see* **STRONGYLOIDIASIS**

**ANILINE DYES**

*see also* **METHYLENE BLUE**

*see also* **ROSANILINE DYES**

Bennhold Congo red test for amyloidosis & nephrosis (Ger) 18979

Congo red binding of blood proteins, application in study of lipoprotein lipase 31791

Congo red binding to normal serum & to serum from patients with rheum. arthritis 32230

in coloring of wax med. models 28198

Nile blue staining of fats (Ger) 33541

trypan blue test in measurement of skin reactions to chem. irritants 55009

*effects*

1,3-bis(p-amidinophenyl)-triazene on trypanosomiasis congolense in mice & rats (Ger) 46258

Congo red causing inhib. of coagulase of Micrococcus aureus 54697

Congo red on musc. contraction responses to succinic acid dimethyl-aminoethanol ester diiodomethylate (Rus) 37210

neutral red on plaque form. in virus-cell systems 22607

on blood proteins (Rus) 33563

phenylaniline on carotenoids in Phycomyces blakesleeanus 52421

pyronine, mutagenic action in Drosophila melanogaster 34379

tetra-azo-di-o-anisidine, adrenergic blocking action 17943

*injurious effects*

determ. of exposure of workers to aromatic amino cpds. 28407

p-phenylenediamine causing asthma & contact dermatitis in fur workers 50124

*metabolism*

acyllysine anilides, kinetics of papain-catalyzed synthesis 25417

neutral red transfer into stomach, mechanism 15940

**ANIMALS**

*see also* **BATS**

*see also* **CATTLE**

*see also* **GOATS**

*see also* **HORSES**

*see also* **INVERTEBRATES**

*see also* **LABORATORY ANIMALS**

*see also* **REPTILES**

*see also* **RODENTS**

*see also* **SHEEP**

*see also* **SWINE**

blood picture in sirenian mammals (Ger) 21650

calculation of home range & density of small mammals 53650

camel, hemodynamics 35623

camel, water metab. (Rus) 49541

eff. of pelletizing animal feed on vitamin A & E content 4623

elephant seal Mirounga leonina, host, of louse Lepidophthirus macrorhini 7190

farm animals, eff. of cold on nutritional requirements 8270

feeding of farm animals, use of fish meal 8371

forces producing neural closure in amphibia 4989

Gamasidae in ground squirrel (Rus) 51742

heart morphol. & ECG of Florida manatee 24335

indigenous in Ecuador, preserv. (Sp) 8843

jaw articulation in Docodonta & relation of jaw articulation to classif. of Mesozoic mammals 44034

livestock nutrition in Nigeria, problems 30333

mammals, hosts of Trypanosoma cruzi-like organism in So. W. Georgia & No. W. Florida 50999

metab. rates of shrew tissues 44953

nutrition of captive wild animals at zool. parks (Ger) 40196

nutrition, relation to human health problems (Fr) 6380

persistent rhythmicity in animals, review 53115

porpoises, perception of objects by reflected sound 21692

radiostrontium in deer's antlers after fallout 29805

seals, gross anat. of skeleton & musculature 20113

types of communication between animals (Fr) 5799

Universities Federation for Animal Welfare 10365

vertebrate metamorphosis 44947

whales, physiol. & anatomical adaptation to sea life 10419

*diseases*

acidosis in ruminants, classif. as defic. or metab. dis. 28191

arteriosclerosis (Ger) 42323

arteriosclerosis in wild animals dying in captivity, pathol. 50478

bats, hosts of mastigophora Schizotrypanum cruzi & Schizotrypanum vespertilionis from Costa Rica 5590

bison, helminth infect. (Pol) 33796

brucellosis & leptospirosis in white-tailed deer of southeastern U.S. 4642

cancer 2661

cestode infect. in domestic animals in So. Island of New Zealand 30190

control & eradication in U. S., review 25112

deer, Filariinae infect. (Pol) 33797

domestic animals, resist. & sensitivity to cancer (Fr) 2328

E. coli & other bact. infect. in domestic animals, drug-resist. 31259

E. coli infect. in farm animals 18363

Egyptian mongoose Herpestis ichneumon, host of sporozoan Gonderia herpestis 34318

Erysipelothrix rhusiopathiae infect. in porpoise, skin histopathol. 28192

foxes, ascariasis, control with piperazine adipate & phosphate (Pol) 33751

ground squirel, helminth infect. (Pol) 33791

hemorrhagic pneumonia in mink, epidemiol. 15234

latent Anaplasma marginale infect. in wild deer, demonstration by calf inoculation 48981

leptospirosis in Georgia, serol. exam. 4607

leptospirosis, transm. by wild animals (Rus) 34624

lipodystrophy in black leopard, case report 4620

metal pois., ther., edathamil (Fr) 9169

moles, helminth infect. (Pol) 33790

osteoarthritis of hip in gorilla 48781

rabies in foxes, ecol. data applicable to prev. 53668

rickettsial, transm. to child. 7855

roe deer, Ostertagia asymmetrica infect. (Pol) 33788

Salmonella infect. in domestic animals in Belgian Congo & Ruanda-Urundi (Fr) 36196

toxoplasmosis in domestic & wild animals in Czech., serol. diag. (Cz) 38170

toxoplasmosis, review 28189

tuberc. in domestic & captive wild animals, pub. health aspects 14274

tumors of Swiss game animals (Fr) 9161

*ANION EXCHANGE RESINS see* **ION EXCHANGE RESINS**

**ANKLE**

*see also* **ASTRAGALUS**

*see also* **FOOT**

*abnormalities*

cubo-navicular synostosis, case report 50403

navicular-cuneiform synostosis, case report 50404

synostosis, relation to flat foot contracture (Fr) 26206

synostosis (Ger) 34287

talocalcaneal bridge, diag. & x-ray aspects 38400

tarsal, morphol. aspects (Cz) 11846

***anatomy and histology***

ligamentous structures in canalis & sinus tarsi 16795

***diseases***

juvenile metaphysial osteodystrophy or aseptic necrosis, case reports (It) 42742

medial apophyseal disord. 25681

osteochondromatosis synovialis (Pol) 38477

***dislocation***

posttraum. lesions of fibular ligaments, surg. (Ger) 8151

talocrural, closed frac (It) 25623

tibio-astragalic, diag. & ther. (It) 21421

***fractures***

bimalleolar, with disloc., surg., tarsotibial percutaneous transfixion with Steinmann's nail (It) 6883

malleolar, surg. technic (Ger) 25360

malunion, surg. (Bul) 28775

surg. (Bul) 28740
28741

surg., circumferential wire fixation of lateral malleolus 23697

x-ray diag. of avulsion fract. of tarsal navicular 11087

***pathology***

ossification & vascularization of tarsal navicular, relation to Koehler's dis. 40640

***surgery***

denervation of malleolus & tarsal joint (Ger) 55732

***wounds and injuries***

chronic strain of ligaments, ther. sodium psylliate 16747

rupt. of tibiofibular ligament apparatus, fixation of malleolar fork, new method (Ger) 42884

sprain, acute, open reduction (Af) 9805

sprain, repair by surg. of lateral ligament (Af) 9810

tear of lateral ligament, x-ray diag., simplified method (Nor) 43208

ther. 19970

***ANKYLOSTOMUM*** *see* **ANCYLOSTOMA**

***ANOREXIA*** *see* **APPETITE DISORDERS**

***ANOXEMIA*** *see* **ANOXIA**

## ANOXIA

***see also*** **CEREBRAL ANOXIA**

clin. manifest. & ther. 12269

inspiratory hypoxia as test of work performance (Ger) 28044

mountain sickness, case report 585

prev. & ther. in high altitude flight (Por) 31857

***complications***

phlebothrombosis in aviators (Fr) 51486

***effects***

comparative eff. on cortical & reticular activity in cats (Fr) 15129

continuous anoxia on bacteriolytic power of rabbit serum (It) 19202

eff. of adaptation to low oxygen tension, polycythemia vera & changes in thyroid funct. on metab. & body temperature in anoxic rats (Hun) 28798

inducing hyponatruresis, eff. of dibenamine & adrenalectomy in dogs (Hun) 29157

inducing myocardial infarct in 2α-methyl-9α-chlorohydrocortisone conditioned rats (Ger) 47904

inversion of dorso-ventral axis in axolotl embryos by unilateral restriction of oxygen supply 4993

maternal anoxia inducing spinal abnorm. in rabbits (Ger) 34209

on ammonia level in brain, heart, liver, kidneys & musc. of rabbits (Ger) 5474

on blood histamine, blood proteins & leukocytes in guinea pigs (Ger) 46701

on blood nitrogen of hogfish (Fr) 26925

on blood proteins of conger eel (Fr) 26924

on body fluid distribution in man (It) 1502

on bone marrow volume in guinea pigs 2064

on brain & liver amino acids in cats, anoxic convulsions (Ger) 25380

on brain lactic acid levels in dogs 16836

on capillary permeability (It) 3852

on cardiac electric potential during hypothermia in rats (Fr) 36727

on circ. & resp. (Cz) 26544

on cochlear responses in guinea pigs 34937

on coronary circ. in dogs (Ger) 29079

on course of induced fever in dog & monkey 35798

on ECG, QT interval in hypoxia test in healthy subjects (It) 9390

on electric flicker value of eye 22262

on electrical activity of giant neurons of mollusc Tethys (Fr) 38664

on erythropoietin prod. in rats, influence of nephrectomy 5257

on exper. dermatitis (Ger) 36434

on exper. fever in dog & monkey 47130

on hearing & equilibrium in aviators (Ser) 22637

on heart contractility in dog 47139

on heart, differential sensitivity of right & left ventric. (Ger) 1318

on heart in hypothermia in cats (Rus) 49224

on heart oxygen consumption & coronary flow 35797

on heart rate in young rats exposed to heat (Cz) 38199

on hemoglobin, electrophoresis (Dut) 12044

on inflamm. & blood protein disord., clin. & exper. studies (Ger) 41895

on kidney funct. in hypothermia in dogs (Hun) 51430

on liver circ. (Ger) 23020

on liver slice metab. 730

on musc. glycogen phosphorolysis in frogs (Fr) 26681

on myocardial glycogen in fish (Fr) 3094

on myocardial glycogen synthesis in rats (Fr) 3097

on myocardium, review 25985

on myoglobin 12041

on partition of pulm. blood flow 5893

on pregn. adrenalectomized rats 49508

on pregn. rats 49507

on primitive streak develop. in early chick embryo 3930

on pulm. vessels in dogs 46868

on resp. (Cz) 26544

on response of learning to electroshock in rat 50489

on reticulocyte count & maturation rate & on hematocrit & hemoglobin levels in anemic patients (It) 36756

on tolerance to positive acceleration 16866

on vasc. resist. forearm in young adults 17960

simultaneous anoxia & hypercapnia on pulm. arterial pressure in dog 36606

sodium nitrite-induced anoxia on exper. arsenic pois. in rabbits (It) 13999

***etiology and pathogenesis***

anesth., physiopathol. & prev. (Fr) 414
9060

pulm. dis., with & without cyanosis 3787

pulm. emphysema, hematol. aspects 930

resp. insuff. causing hypoxemia (Dut) 37041

resp. tract dis. & congestive heart failure (Rus) 51217

***experimental***

develop. of oxygen utilization after exper. hypoxia in cerebral decorticated rats (Cz) 9497

develop. of oxygen utilization after short-term hypoxia in newborn guinea pigs 9495

eff. of age & body temperature on survival of iodoacetate-poisoned rats in nitrogen atmosphere 17365

eff. of cerebral decortication on resist. in young rats (Cz) 38200

eff. of streptomycin on survival (Rus) 7799

fatal, in hypothermia in dogs (Ger) 30492

induction in Siamese fighting fish by various chemicals, application to mechanism of action of lysergic acid diethylamide psychosis in humans 72

***therapy***

respiro-cardiac resuscitation in hypoxia, definition 24363

***ANTABUSE*** *see* **DISULFIRAM**

## ANTACIDS

***see also*** **BICARBONATES**

***see also*** **HYDROXIDES**

***see also*** **ION EXCHANGE RESINS**

***see also*** **MAGNESIUM OXIDE**

aluminum hydroxide as adsorbent in separation of ingredients of ointments, affinity towards ointment bases (Ger) 1323

aluminum hydroxide gel of Schmidt, studies on structure by x-ray diffraction & electron microscopy 15681

***effects***

aluminum antacids, adsorption of simultaneously administered synthetic parasympatholytics 16718

aluminum hydroxide on intestinal absorp. of chloramphenicol 19854

antisecretory & antiproteolytic activity in histamine-stimulated rabbits 40380

on blood lactic acid before & after phys. exercise (Ger) 51841

sodium polyhydroxyaluminum monocarbonate hexitol complex, testing in vitro 41293

***injurious effects***

dihydroxyaluminum glycinate-mephenesin-salicylamide prep. causing thrombopenic purpura during arthritis ther. 37701

***therapeutic use***

aluminum hydroxide glycine-magnesium oxide-bellafoline prep. in gastric hyperacidity 531

aluminum hydroxide prep. & use in vaccines for veterinary med. in Rumania, review (Fr) 9174

aluminum-magnesium-silicic acid hydrate prep. in peptic ulcer 5371

basic aluminum glycinate in rheum. arthritis, with phenylbutazone & prednisone 50668

dihydroxyaluminum glycinate-magnesium oxide-bellafoline prep. in peptic ulcer & other gastrointestinal disord. 24418

gastrointestinal disord. caused by prednisone & prednisolone ther. of rheum. arthritis, adjuvant ther. 14542

kolantyl in gastrointestinal disord. in aged 4441

peptic ulcer, antacid-belladonna-phenobarbital-vitamin P prep. neutrose (It) 21457

sippyplex in peptic ulcer 538

trial (Ger) 38892

## ANTHELMINTICS

***see also*** **CHENOPODIUM**

***see also*** **GENTIAN VIOLET**

***see also*** **HEXYLRESORCINOL**

***see also*** **MIRACIL**

***see also*** **PIPERAZINES**

***see also*** **TETRACHLOROETHYLENE**

***see also*** **THYMOL**

bis-benzothiazole deriv., screening for anthelmintic activity 16328

broad spectrum anthelmintics (Sp) 31846

chemicals active against ascarids, basic exper. 33883

essential oils (Rus) 18875

lactones & organic peroxides 16720

santonin & deriv. from Artemesia species, review (Ger) 20332

***determination***

acetarsone - arecoline prep. in tablets, potentiometric titration (Ger) 43597

***effects***

Aspidium extract & flavaspidic acid N-methylglucamine salts on isolated mammalian heart musc. prep. 24846

Aspidium extract & flavaspidic acid on isolated mammalian heart musc. prep., comparison of suspensions & N-methylglucamine salts 24847

benzyl-dimethyl-2-phenoxyethyl-ammonium salts on Ancylostoma canium 51003

α, ω-bis(p-aminophenoxy)-alkanes & related monoamines, eff. on exper. schistosomiasis in mice & tox. in cats 14121

carbamate, organic phosphorus & other cpds., nematocidal activity against Strongyloides stercoralis infect. in dog 40410

diethylcarbamazine, emmenagogic eff. (Fr) 6423

diethylcarbamazine on Dictyocaulus viviparus bronchitis in calves, comparison after oral & intramusc. admin. 17106

diethylcarbamazine on infected larvae of Wuchereria bancrofti, in vitro activity 14134

3,3-diethylthiadicarbocyanine iodide, morphol. eff. on Trichuris trichiura ova in ther. of trichocephaliasis 6613

inorganic tin cpds., exper. & clin. study (Fr) 54887

on exper. schistosomiasis, trial of 3 new prep. (Ger) 55578

organic tin cpds., exper. & clin. study (Fr) 54888

***in urine***

benzyl-dimethyl-2-phenoxyethyl-ammonium embonate excretion following oral admin. 37700

***poisoning***

0,0-dimethyl-0-2-(ethylthio)ethyl-thio- & thionophosphate, tox. to man by air contamination after use by spray & splash methods, comparison (Ger) 1573

***therapeutic use***

(m-allyloxyphenylcarbamylmethyl) dipropyl (p-chlorobenzyl) ammonium chloride in Hymenolepis nana infect. (Sp) 6606

benzyl-dimethyl-2-phenoxyethyl-ammonium embonate in hookworm infect. in Ceylon 37699

benzyl-dimethyl-2-phenoxyethyl-ammonium salts in hookworm infect. 51004

diethylcarbamazine prev. of ocular compl. of onchocerciasis, comparison with 4 other drugs 22303

3,3'-diethylthiadicarbocyanine iodide (Ger) 22176

3,3'-diethylthiadicarbocyanine iodide in trichocephaliasis 37736

3,3-diethylthiadicarbocyanine iodide in worm infect. in ment. patients 23421

3-3'-diethylthiadicarbocyanine iodide, indic. 24698

proteases, review (Pol) 33680

pyrvinium in oxyuriasis in child. (Fr) 53027

various specific types 40928

***toxicity***

0,0-dimethyl-0-2-(ethylthio(ethyl-thio & thionophosphate mixture & related cpds., in rats 26041

gentianin (Rus) 18874

**ANTHOCYANINS**

in blood oranges, chromatography 19576

in Canadian plants 48440

leuko-anthocyanins in condensed tannins 1644

leuko-anthocyanin, properties 21671

separation of anthocyanin & leuco-anthocyanin in flowers of Camellia japonica 19523

spectral characterization & properties 13693

**ANTHRACENE**

***see also*** **BENZOPYRENES**

anthracene, 1, 2, 5, 6-dibenzanthracene & 9, 10-dimethyl-1, 2-benzanthracene, eff. on protein sulfhydryl groups in mouse skin 5220

1, 2, 5, 6-dibenzanthracene deriv., relation of chem. structure to binding of proteins in skin, radiocarbon determ. 26462

1, 8-dihydroxyanthranol, stability in solutions (Ger) 43610

dimethylbenzanthracene, eff. on hair growth on rabbit skin (Ger) 36419

9, 10-dimethyl-1, 2-benzanthracene, carcinogenic eff. in rats (Rus) 55323

9, 10-dimethyl-1, 2-benzanthracene induction of cancer, eff. of proliferative process on growth & pathogen. (Rus) 43084

9, 10 dimethyl 1, 2 benzanthracene induction of skin cancer in rabbits (Fr) 26883

9-10 dimethyl-1-2-benzanthracene, tox., general & local synd. following high doses in guinea pigs & rats (Fr) 36105

methyl-1, 2-benzanthracenes, correlation of rate & equilibrium constants of reaction with maleic anhydride with carcinogenic activity 17780

oxidative metab. by soil Pseudomonads 7173

***ANTHRANILIC ACID*** ***see*** **AMINOBENZOATES**

**ANTHRAQUINONE**

anthraquinone cathartics, synergistic eff. (Ger) 52219

obtusifolin, chem. structure 14916

**ANTHRAX**

eff. of exper. intradermal admin. of bacilli & skin inj. (Pol) 29505

epizootic in Oklahoma & Kansas 52089

kanamycin ther. 25022

live plague-tularemia-brucellosis-anthrax polyvaccine, eff. in guinea pigs (Rus) 55795

lymphatic system funct. in pathogen. of anthrax in guinea pigs & rabbits 54386

parotid gland following gastrectomy for stomach cancer (Sp) 1846

stomach (Bul) 28780

transm. by Rhombomys opimus (Rus) 55808

**ANTHROPOIDS**

***see also*** **APES**

***see also*** **MONKEYS**

acrocephalo-oligodactylism in wild chimpanzee 16789

**ANTHROPOLOGY**

***see also*** **ETHNOLOGY**

in Poland, morphol. aspects (Rus) 13583

origin of man (Fr) 23785

racial differences in human teeth (It) 19231

soc. anthropol. of newborn inf. (Ger) 38929

**ANTHROPOMETRY**

***see also*** **CRANIOMETRY**

asymmetry classif. & relation (˜ right & left characteristics (Ger) 34199

body measurements of Swiss child. & adolescents (Ger) 9537

body surface area, use in dose calculations for parental infusions (Sp) 44555

determ. of surface area of body of Indian women by measurement, comparison with determ by weight-height equation 16293

external characteristics, relation to internal pelvic form (Ger) 15982

in design of auto driver's workspace 719

modified arm-chest-hip index in diag. of malnutrition of child. in tropical countries (Ger) 34330A

of aged on Isle of Bornholm 46611

of child., modified table for standard measurements (Ger) 39911

of flight personnel of Belgian Air Force, use in design of cockpits & flight equipment (Fr) 46565

of Martinique population, correlation with occup. (Fr) 25504

of Swiss child. (Ger) 9543

selection of sites for measuring skinfold thickness 15047

skinfold & brachial tissue measurements, relation to growth, review 721

surface area calculation, simple formula 32243

**ANTIBIOTICS**

***see also*** **BACITRACIN**

***see also*** **CHLORAMPHENICOL**

***see also*** **CHLORTETRACYCLINE**

***see also*** **DIHYDROSTREPTOMYCIN**

***see also*** **ERYTHROMYCIN**

***see also*** **FUNGICIDES**

***see also*** **NEOMYCIN**

***see also*** **OXYTETRACYCLINE**

***see also*** **PENICILLIN**

***see also*** **STREPTOMYCIN**

***see also*** **TETRACYCLINE**

***see also*** **VIOMYCIN**

acetidione & its new stereoisomeric antibiotic 2831

actidione, reversal of antibiotic action by bivalent metal ions 52449

actinoleukin, structural relation to echinomycin & chloramphenicol 16804

Actinomyces-prod., inactivation of actinophage (Rus) 36387

albomycin, sorption from coal (Rus) 36395

antibiotic action of plant extracts, screening tests 4331

antibiotic disks, control in Canada 2614

antibiotic PA-128 from Streptomyces, isolation & antiprotozoan properties 1289

antibiotic substances in yeast 7209

antibiotics with medium range of action, chem. & phys. properties (Ger) 1579

candicidin, prod. by & classif. of Actinomyces (Rus) 36386

chem. & biochem., review 1255

colicines & colicinogenic factors 10203

colicine, differentiation between coli-index & colicine (Ger) 46361

colicine K, immunol. assoc. with O antigen of colicinogenic E. coli K235 $L_{\infty}OC_{k}$ 17254

colicine prod. by E. coli strains, eff. of genetic crossings (Fr) 3116

cyanomycin, prep. & properties 16801

cycloserine, review (Ger) 32314

cycloserine, review (Pol) 43638

diatretyne amide & cyanide from Clitocybe diatreta, isolation, structure elucidation & pharmacol. 25415

diatretyne 3 prod. by Clitocybe diatreta upon biochem. variation of cultures 25416

eff. of poly-hydroxyethyl-substituted castor oil, in vitro tests (Ger) 46276

fast-acting antibiotics, properties & distribution of biogenic substituents (Ger) 46275

gancidin, purification & properties of fractions 16802

gramicidin C, $\zeta$-N-peptides (Rus) 36394

in agriculture & food technol. (Ger) 52210

in prep. with vitamin B12, microbiol. assay of vitamin B12 using an antibiotic-resist. vitamin B12-requiring mutant of E. coli 10151

inhib. eff. of human sera on microorganisms used for biol. titration of antibiotics (Pol) 29517

kanamycin (It) 44371

kanamycin, chem. 24998

kanamycin, discovery 24997

kanamycin, pharmacol. 25001 25002 25006 25027 25029

kanamycin, review 31596

kanamycin, review (It) 38553

macrolides, review (Pol) 53218

new antibiotics (It) 15750

new commercial prep., limited effectiveness 7859

nybomycin, antibact. & antiphage properties 36348

nybomycin, isolation, properties & deriv. 36347

nystatin, inactivation by bile salts 31360

oleandomycin (Fr) 9194 32415

oleandomycin phosphate, AMA council report 16586

pharmacol. & ther. limitations, review (Sp) 21110

review (It) 52012

ristocetin, AMA council report 4471

ristocetin, review 31595

soframycin, chem., phys. & pharmacol. studies (Fr) 54897

sterility of antibiotic ophthalmic ointments 50254

thermal decomposition 19471

trends (Sp) 32431

triacetyloleandomycin, AMA council report 16587

violarin I, antiviral properties & synthesis by Streptomyces violaceus (Rus) 36384

virocidin, prep. & properties 16800

***administration***

intraperitoneal admin., exper. trial on rats (Ger) 42249

oleandomycin, intramusc. admin. blood levels & side-eff. 36343

oleandomycin with tetracycline (Ger) 11056

oral, eff. on resist. (Ger) 22957

use & misuse of antibiotic combinations 17644

***antagonists***

cycloserine inhib. by pus from tuberc. empyema (It) 13923

edathamil & other chelating agents, mechanism (Fr) 9160

***determination***

colimycin, determ. of composition (Fr) 3087

dextromycin analysis & determ. of its principal component 40424

griseoflavin identification as novobiocin 40423

identification of antibiotics based on cross-resist. characteristics 25157

in milk, semiquantitative determ. in multiple silhouette on impregnated filter paper (Sp) 29541

kanamycin, structure determ. 16805 16806 16807 16808

latumcidin identification as ahkoviromycin 40431

microbiol. assay in Pharmacopoeia Helvetica (Ger) 30619

pH chromatogram method 19510

***effects***

actidione on fungi (Ger) 22983

actidione on nucleic acid & protein synthesis in Saccharomyces carlsbergensis 40841

actinomycin C on hepatic & splenic aspartic glutamic transaminase, intraperitoneal inject. in rats (It) 37500

actinomycin C on hepatic & splenic glutamic pyruvic transaminases, intraperitoneal inject. in rats (It) 37501

actinomycin C on M. tuberc. (Ger) 34336

actinomycin D on Bacillus subtilis, mechanism of action 1296

actinomycin D on tissue cultures of normal & neoplastic cells 5420

actinomycin D, teratogenic eff. on rat fetus (Fr) 40792

antimycin A inhib. of reduced diphosphopyridine nucleotide oxidase of mammalian & mosquito sarcosomes 13807

antimycin A on cytochromes & other resp. enzymes of mitochondria of Arum maculatum spadix 25862

aspergin on exper. eye inj., prev. of infect. compl. (Rus) 36369

bact. growth inhib. by lactose base in antibiotic disks for sensitivity testing 17710

clavacin, spasmolytic eff. on isolated guinea pig ileum 49340

colimycin & nystatin on Monilia albicans, develop. of resist (It) 16020

colimycin & tetracycline on leukocytic diapedesis & peritoneal mycetic density in exper. moniliasis albicans, Seligmann's phenomenon (It) 52043

colimycin, bacteriostatic & bacteriocidal eff. (It) 52041

colimycin on bact., with & without other antibiotics (It) 52015

colimycin, on E. coli electron microscopy & Warburg's manometry (It) 52018

colimycin on exper. infect. (It) 52046

colimycin on exper. infect., with tetracycline (It) 52044

colimycin with penicillin on penicillin resist. Micrococcus pyogenes (It) 52045

colimycin with tetracycline on exper. moniliasis albicans, Seligmann's phenomenon (It) 52042

cycloserine (It) 37472

d-cycloserine & its racemate, on E. coli, Micrococcus aureus & M. tuberc. (Ger) 55487

cycloserine & its L-stereoisomer on various bact., mechanisms of action 47620

cycloserine inhib. of catalase activity of Mycobact. & beef liver (Fr) 13900

cycloserine on blood proteins & Middlebrook-Dubos reaction in exper. tuberc. in rabbits (It) 24928

cycloserine on convulsant & tox. eff. of various analeptics in rats & mice (It) 13948

cycloserine on exper. tuberc. (It) 1541

cycloserine on gamma globulin & Middlebrook-Dubos reaction in rabbits vaccinated with killed M. tuberc. (It) 24921

cycloserine on M. tuberc. (Fr) 26874

cycloserine on M. tuberc. (It) 37499

cycloserine on M. tuberc., resist. (Fr) 26921

cycloserine on tuberc. in guinea pigs (It) 20995

cycloserine optical isomers on E. coli & Salmonella (It) 37499

cycloserine stereoisomers & analogues, bacteriostatic activity 36587

cycloserine stereoisomers on E. coli growth in synthetic media 36588

cycloserine stereoisomers, on isoniazid tox. in rats, comparative study (It) 13975

desertomycin, antibact. & cytotoxic action 7186

erythromycin assoc. with penicillin-streptomycin-chloramphenicol & oxytetracycline on Micrococcus pyogenes & Salmonella typhosa, interaction (It) 23758

hydroxychlororapin on growth of Streptomyces species & some pathogenic fungi in vitro 7140

iturine on Trichomonas vaginalis (Fr) 26777

kanamycin & novobiocin on Proteus species, develop. of resist. (Fr) 13048

kanamycin & paromomycin on bact., susceptibility & cross-resist. 31386

kanamycin, bact. sensitivity & yeast & fungal resist. 25007

kanamycin, nephrotoxic eff. 25010

25011

kanamycin on advanced exper. tuberc. in guinea pigs 16464

kanamycin on bact. infect. in mice 25003

kanamycin on blood ammonia in liver cirrhosis 25016

kanamycin on E. coli, inhib. of bactericidal action by egg yolk 40422

kanamycin on M. tuberc. in vitro (It) 36825

kanamycin on M. tuberc. in vitro & in vivo in guinea pig 25005

35910

kanamycin on tuberc. in mice 25004

kanamycin on various bact. 24599

40421

kanamycin on various bact., in vitro sensitivity 25002

kanamycin on various bact., sensitivity & cross resist., comparison with streptomycin, neomycin & paromomycin 25000

leucomycin of various bact. 24599

malucidin, antiinfect. properties in laboratory animals 5185

mechanism of action (Fr) 44683

mikamycin, biol. studies in vitro & in vivo 16798

mitomycin C on growth of various transplantable rat & mouse tumors 39454

modification of in vitro action by combination with human CSF (It) 1928

mycerin, on M. tuberc. (Rus) 36364

myxoviromycin on influenza in mice 4337

novobiocin, oleandomycin & ristocetin on Micrococcus pyogenes, resist. 36345

novobiocin uncoupling eff. on oxidative phosphorylation in vitro 39239

nutritive & metab. activity 24366

nystatin in moniliasis & mucormycosis in mice, comparison with amphotericin B (Ger) 1574

nystatin on Monilia albicans, mechanism of action (Fr) 48823

nystatin on normal role of phosphate in Monilia stellatoides 20754

oleandomycin dietary supplements on normal & on germ-free turkey poults 31316

oleandomycin, in Bacteroides & Treponema (Ger) 34055

oleandomycin on Actinomyces israelii & Actinobacterium meyeri (Fr) 13040

oleandomycin on bact. in combination with tetracycline in vitro 32216

oleandomycin on blood coagulation (Ger) 19420

oleandomycin on fibroblast tissue culture (Ger) 35566

oleandomycin on Hemophilus pertussis (It) 31721

oleandomycin on Micrococcus pyogenes, coagulase-positive hosp. strains, cross-resist. between oleandomycin & erythromycin 1280

oleandomycin, on various bact. strains (Ger) 10521

on anaerobic microorganisms in vitro, sensitivity test methods (It) 43265

on ascaris, survival length & duration of normal locomotion 40204

on Bacillus subtilis & Bacillus pumilus (It) 44820

on Bacillus subtilis & Bacillus pumilus germination & resting spores (It) 54238

on bact. (Sp) 8956

on bact., adaptive variability, review (Rus) 33153

on bact. causing pediatric infect., resist. (Ger) 19414

on bact., changes in bact. resist. during 4 years period (Hun) 7706

on bact., changes in sensitivity over long periods 23766

on bact., determ. of sensitivity 23772

on bact., determ. of sensitivity by freeze-dried disk technic 4890

on bact. encountered in eye infect. 23858

on bact. in combination with cobalt 13430

on bact. isolated from hosp. patients, routine sensitivity studies 47619

on bact., resist. determ. (Ger) 54358

on bact., resist. determ. by disc method 1241

on bact., resist., review 21017

on bact., resist., statist. (Ger) 8142

on bact., sensitivity 37970

45054

on bact., sensitivity determ. by simplified tube procedure 46908

on bact. sensitivity determ. rapid method (Rus) 36365

on bact., sensitivity, simplified tube procedure for routine determ. 54834

on bact., sensitivity test methods, comparative evaluation (Sp) 6618

on bact., synthesis of B group vitamins by bact. artificially rendered antibiotic-resist. (It) 31762

on bile acid metab. in rats (Fr) 37644

on bilirubin conjugation in vitro 31337

on blood coagulation, clin. study & review (It) 14520

on blood vitamin C levels in pulm. tuberc. patients (Rus) 33363

on Brucella, alone & with tetracycline (Rus) 36410

on Clostridium 41413

on Clostridium tetani germinating spores in vitro & in vivo 23978

on Corynebacterium diphtheriae toxin prod. (Pol) 29512

on Corynebacterium, resist., relation to virulence (Ger) 22946

on duodenal microbiot. (Rus) 11477

on E. coli & Micrococcus pyogenes, eff. of temperature on reactivity (Rus) 36368

on E. coli, crossed adaptation (Fr) 32305

on E. coli, resist. (Ger) 30044

on Enterobacteriaceae & related Gram-negative rods, new antibiotic assay medium 24446

on exper. allergy (Rus) 36404

on exper. aspergillosis of lung in mice, with cortisone 47089

on exper. damaged & infected dent. pulp in rats, with hydrocortisone 17214

on exper. diphtheria, duration of bact. carriage (Uk) 29554

on exper. infect., histopathol. aspects (Rus) 36399

on exper. micrococcal infect., in various combinations (Rus) 36363

on exper. micrococcal pneumonia in radiation sickness (Rus) 6642

on exper. plague, in various combinations (Rus) 36401

on exper. plague induced with streptomycin-resist. & dependent strains (Rus) 36402

on exper. pneumococcal peritonitis, with hypothermia in mice 10122

on exper. radiation inj., review (Rus) 7781

on exper. Shigella keratoconjunctivitis in guinea pigs 23769

on exper. x-ray total-body irradiated monkeys (Rus) 11468

on gram-negative bact., sensitivity in vitro to combinations of antibiotics 22141

on grape mildew (Rus) 19107

on growth of lactose-fed rats 31452

on Hemophilus pertussis isolated during whooping cough epidemic in tuberc. child. (Ser) 27861

on lactobacilli, morphol. of resist. strains & mutants (It) 31705

on lactobacilli, serol. study of resist. strains & mutants (It) 31706

on liver storage of vitamin A esters in peanut-fed rat 17830

on M. tuberc. causing altered morphol., fluorescence microscopy (Fr) 7768

on M. tuberc., relation of resist. to epidemiol. of tuberc. (Fr) 35494

on melioidosis in mice 13343

on micrococcal flora of hosp. patients, mechanism of action 1162

on micrococci, relation of resist. to phage type (Ger) 34500

on Micrococcus pyogenes 13346

on Micrococcus pyogenes & Streptococcus, determ. of sensitivity by Difco disk technic (Indonesian) 41968

on Micrococcus pyogenes aureus, in vitro sensitivity (It) 42804

on Micrococcus pyogenes aureus, phage types of resistant & sensitive strains (Ger) 34510

on Micrococcus pyogenes aureus, sensitivity of 468 strains isolated in hosp. (It) 7735

on Micrococcus pyogenes, biochem. changes in resist. strains (Pol) 29499

on Micrococcus pyogenes, correlate sensitivity of 324 strains to 14 antibiotics (Fr) 26955

on Micrococcus pyogenes, cross-resist. & sensitivity (Rus) 36361

on Micrococcus pyogenes, resist. 6267

on Micrococcus pyogenes, resist. of strains from connatal infect. (Sp) 8806

on Micrococcus pyogenes, resist. of strains isolated in hosp. (It) 25708

on Micrococcus pyogenes strains, determ. of resist. (It) 9364

on microorganisms in hosp., resist. statist. 19880A

on motility, fertilizing ability, & bact. count of chicken spermatozoa 12758

on Neisseria gonorrheae, sensitivity (Dan) 51414

on nutritive value of peanuts differently processed 17825

on plant dis., review 25139

35563

on Pseudomonas aeruginosa, sensitivity (Rus) 36412

on response to anticoagulants, mechanism of action (Ger) 39852

on Salmonella typhosa, in various combinations in chick embryo (Rus) 36366

on Salmonella typhosa, variability of antigenic properties in resist. strains (Rus) 11473

on Shigella, adaptation rate & degree (Rus) 53837

on Shigella dysenteriae, resist. in combined admin. (Rus) 11472

on Shigella dysenteriae, sensitivity (Pol) 29515

on Shigella, sensitivity patterns 17601

on streptococci, resist. of β-hemolytic strains (Fr) 53302

on tuberculin, electrophoretic analysis (Fr) 13049

on urobilinogen form. 27514

pesticin, bacteriocin-like substance produced by Pasteurella pestis, inhib. eff. on Pasteurella pseudotuberculosis 17300

polymyxin B causing acute gastric lesions by histamine liberation in rats, influence of various blocking agents 50123

polymyxin B on tox., pyrogenicity & leukotactic eff. of bact. endotoxins (Ger) 30607

polymyxin B-resist. strain of Pseudomonas aeruginosa causing pharyngitis, eff. of neomycin (It) 30674

polymyxin, on exper. Pseudomonas aeruginosa infect., with tetracycline (Rus) 36403

polymyxin spray with neomycin & bacitracin in powder form, eff. on bact. in vitro 48504

ristocetin & soframycin, in-vitro activity 41870

ristocetin, antibact. eff. in vitro, comparison with other antibiotics (It) 54212

sarkomycin & its deriv. on HeLa cell cultures 16451

sarkomycin-isoniazid complex on exper. tumors in rats 40428

secasine & P6, eff. of heterogenicity of bact. on antibacterial properties (Rus) 36408

soframycin, penetration into eye after subconjunctival inject. & eff. on exper. Micrococcus aureus & Pseudomonas aeruginosa infect. of cornea 2095

spiramycin on exper. infect. of mice & chick embryos with ornithosis (Fr) 28671

spiramycin, on Fusobacterium, Treponema & Borrelia, sensitivity (Ger) 34070

spiramycin on intestinal flora in inf. (It) 6957

streptogramin on bact., in vitro & in vivo determ. 13338

streptovaricin C on Micrococcus pyogenes aureus, develop. of resist. 50337

streptovaricin on exper. tuberc., with isoniazid, in guinea pigs (Fr) 36081

subtilin A antibact. action, eff. of pH 40446

synnematin binding by Micrococcus pyogenes, comparison with penicillin binding 16877

test method for effectiveness of antibiotic ointments (Ger) 34053A

thiostrepton, disc sensitivity tests 13347

toxic antibiotics on resp., phosphorylating & glycolytic systems in animal tissues 47725

triacetyl oleandomycin, antibact. activity of blood after oral admin., comparison with erythromycin & acid & potassium phenoxymethyl penicillin 7863

trichomycin on asporogenic fungi (It) 52781

trichomycin potency, assay based on cultivation of Trichomonas vaginalis in solid medium 13344

xanthocillin on isolation of dermatophytes from human tissue (Ger) 46133

zones of bact. & fungal growth on edges of antibiotic-induced zones of inhibited growth (Fr) 17928

***in blood***

after prolonged admin. in rabbits (Rus) 36372

determ. by micromethod (Ger) 55498

xanamycin in inf. & child. 25009

novobiocin levels after oral admin. of various salt forms 1291

novobiocin-phenoxymethylpenicillin prep. (Ger) 1582

***injurious effects***

27996

28129

allergic reactions (Sp) 3324

allergy, management (Sp) 8967

anaphylactoid necrotic purpura (Fr) 2427

candidosis, clin. study & review 9586

contact dermatitis & dermatitis medicamentosa, ther. 44709

contamination of food, pub. health factors 24642

cycloserine causing neuropsychiatric disord. during pulm. tuberc. ther. (Fr) 987

cycloserine, causing psycho-motor & psychol. disord. (Fr) 45036

fatal outcome after massive dosage (Rus) 25736

fungus infect. of wds. (Rus) 45705

gastrointestinal saprophytic flora balance disord. (Fr) 43806

growth stimulation, hazards (Fr) 27540

hazards in surg. practice 18058

hypersensitivity (Ger) 24301

hypersensitivity in med. personnel, determ. with intracutaneous test (Rus) 45169

in eye dis. ther., review (Dut) 3758

in surg. & hosp. use, infect. hazards & prev. (Ger) 54375

in ther. of acute appendicitis before diag. 36328

intestinal bact. balance disord. (It) 52049

Leptothrix & fungus dis. of mucous membranes (Rus) 36382

micrococcal & streptoc. epidemics in hosp. 31257

moniliasis in inf. infect. ther. (Fr) 25460

moniliasis in inf., statist. study 25574

moniliasis of bladder (Rus) 10726

moniliasis of mouth, pharynx & larynx (Rus) 45734

novobiocin causing immunothrombopenia 12312

polyneuritis, severe, in diabetic (It) 8049

preop. antibiotic prep. of intestine causing monilial peritonitis in child 18357

prev. & ther., Tropaeolum majus (Ger) 19012

secondary infect. in inf. (Pol) 7823

side eff. (Ger) 15455

side-eff. (Rus) 36415

side-eff., classif. (Rus) 36416

side-eff. in ther. of surg. dis. (Rus) 45693

superinfect. of gastrointestinal system caused by secondary organisms following antibiotic ther. 6992

***metabolism***

actinomycin biosynthesis by Streptomyces antibioticus, eff. of amino acids 52293

citrinin biosynthesis in Penicillium citrinum 28271

colicine prod. & sensitivity of E. coli (Ger) 46251

colicine prod. of E. coli strains pathogenic for adults & child. (Fr) 38648

colicine synthesis by E. coli SG 710, biochem. (Ger) 46262

colicine synthesis by E. coli SG 710, biol. eff. & properties of degradation products (Ger) 46263

colimycin, blood-CSF quotient (It) 29739

colimycin hemato-encephalic permeability (It) 52040

D-cycloserine & Czech. DL-cycloserine, compar. circ. in exper. animals (Cz) 26522

in blood & human milk in puerperium, determ. (Ger) 41722

novobiocin in blood of newborn & breast milk of lactating mothers after oral admin. 13330

prod. by actinomycetes isolated from littoral sediments & materials suspended in sea water 28210

spiramycin fixation in guinea pig tissues, comparison with other antibiotics (Fr) 15069

streptovaricin distribution & excretion after admin. to dogs 5738

***preparation of***

anticancer, prod. by Actinomyces, selection of strains (Rus) 36384

di-cycloserine, form. from diaminoxyalanine & bacteriostatic properties 36589

isolation & chem. purification (Rus) 36350

methods of chem. control (It) 37292

microbiol. method of control (It) 13922

polymyxin, bottom synthesis by Bacillus polymyxa (Rus) 36352

polymyxin, isolation & purification (Rus) 36351

prod. by Actinomyces, increase of productivity in surface cultivation (Rus) 19112

prod. from Streptomyces 37972

speciomycin, from Streptomyces 190/I (Pol) 29495

synnematin B form. by Cephalosporium, eff. of methionine 13388

synnematin prod. by cultures in chemically defined media 16876

velutinin, prep. from Aspergillus velutinus (Rus) 36374

***therapeutic use***

48307

54873

(Fin) 54640

(It) 20962

(Rus) 36414

45233

actinomycin D in advanced cancer, chemother. eff. & compl. 38069

actinomycosis of tongue (Pol) 30317

actinomycosis, pulm. with sulfonamides (Ger) 22203

acute hematogenous osteomyelitis in inf. (Ger) 36453

adnexitis, local admin. (Ger) 11454

albomycin & colimycin, clin. evaluation (Rus) 41672

amphomycin-neomycin-hydrocortisone eye ointment, clin. evaluation (Ger) 28904

antibiotic mixture combined with bact. hydrolysate in various infect. dis., results (Fr) 53382

antimycin forte in fungus dis. (Ger) 34045

appendicitis, acute, with infiltration (Rus) 45168

asthma in child., with adrenal cortex hormones 45803

bact. endocarditis (Fr) 35607

bact. endocarditis, indic. 15553

bact. infect. in inf. & child. 25028

bact. infect., indic. & dos. (Sp) 49163

bact. infect., selected cases 25019

brain abscess, with sulfonamides & surg. 38845

bronchopneumonia, with ACTH & adrenal cortex hormones (Sp) 27206

brucellosis, review (Sp) 53909

child. infect. 20507

child. infect. (Nor) 10377

child infect., various synergistic combinations (Sp) 9890

cholecystitis in young subjects (Rus) 41700

colimycin & novobiocin in pediatric dis. (Fr) 49746

colimycin in acute appendicopathy (It) 52024

colimycin in dis. of premature inf. (It) 52032

colimycin in E. coli gastroenteritis in inf. (It) 52014

colimycin in E. coli infect. in inf. (It) 52019

colimycin in enteritis prev. & ther. in newborn (It) 52035

colimycin in gastroenteritis & enterocolitis in child. (It) 52033

colimycin in gastroenteritis in inf. (It) 52034

colimycin in gastroenteritis in inf. & child., oral admin. (It) 52022

colimycin in gastrointestinal dysbacteria (It) 52023

colimycin in gastrointestinal infect. (It) 52020

colimycin in gyn. & puerperal infect. (It) 52016

colimycin in gyn. dis., alone & with penicillin (It) 52027

colimycin in labor, biol. & bacteriol. aspects (It) 52028

colimycin in obst. & gyn. (It) 52031

colimycin in obst. & gyn., with penicillin, local admin. (It) 52029

colimycin in otorhinolaryngol. dis. (It) 52036

colimycin in pediatric dis. (It) 52017

colimycin in pediatric surg. (It) 52026

colimycin in postop. ther. of appendicitis (It) 52013

colimycin in preop. bowel prep. (Rus) 41535

colimycin in root canal ther. (It) 52039

colimycin in urinary disord., alone & with penicillin (It) 52038

colimycin in urinary infect. (It) 52037

colimycin in urinary infect. after gyn. & obst. surg., alone & with penicillin (It) 52030

colimycin in urinary infect., with penicillin (It) 29748

colimycin in urinary tract infect. (Fr) 43973

colimycin in whooping cough (It) 52021

colimycin with penicillin in surg. infect. (It) 6814

combined penicillin G, streptomycin & dihydrostreptomycin in common infect. in child. (Sp) 9683

constipation (Fr) 31103

cycloserine & viomycin in pulm. tuberc. after failure of PAS, isoniazid & streptomycin (Fr) 54166

cycloserine in drug-resist. pulm. tuberc., with pyrazinamide 22327

D-cycloserine in leprosy (Fr) 14426

cycloserine in leprosy (Por) 44460

cycloserine in leprosy, case reports (Fr) 37918

cycloserine in primary tuberc. infect. in child (Fr) 30440

cycloserine in primary tuberc. infect. in child., clin. & biol. findings (Fr) 30441

cycloserine, in pulm. tuberc. (It) 39701

cycloserine in pulm. tuberc. (Rus) 51203

cycloserine in pulm. tuberc. (Sp) 44495

cycloserine in pulm. tuberc., causing hemoptysis, pathogen. & case reports (Fr) 21404

cycloserine in pulm. tuberc., eff. on CNS, EEG manifest. (It) 20996

cycloserine, in pulm. tuberc., eff. on peripheral blood picture (It) 54213

cycloserine in pulm. tuberc., hematol. & physiol. eff. (It) 20994

cycloserine in pulm. tuberc., hyperthermic reactions (Fr) 9257

cycloserine in pulm. tuberc. in Asian patients, ther. & toxic eff. 10531

cycloserine in pulm. tuberc., review (Ger) 51786

cycloserine in pulm. tuberc. with isoniazid 24122

35915

cycloserine in pulm. tuberc., with pyrazinamide 24733

cycloserine in pulm. tuberc., with viomycin 35916

cycloserine in renal tuberc. 52651

cycloserine in tuberc. (Ser) 22355

cycloserine in tuberc., review (Rus) 54578

cycloserine pulm. tuberc. resist. to classical antibiotic ther., with viomycin in (Fr) 43779

diarrhea, indic. 54516

diphtheria, detection & ther. of carriers (Rus) 36375

dyspepsia in inf. (Ger) 29480

dyspepsia in inf., eff. on duodenal flora (Fr) 25489

ear dis., with adjuvant hyaluronidase (Fr) 47482

endocarditis lenta, brain pathol. autopsy findings (Rus) 25741

erythromycin-oleandomycin in micrococcal infect. (Fr) 54466

eye dis., indic. & contraindic. (Dut) 1614

eye dis., resist. problems (Dut) 3760

gonorrhea, clin. problems caused by loss of sensitivity 26386

gramicidin-neomycin ointment, intranasal, in recur. styes caused by Micrococcus pyogenes aureus in anterior nares 18397

gramicidin-neomycin-polymyxin B solution for prev. of bact. contamination of donor eyes in eye banks 665

gramicidin-neomycin-polymyxin B solution for sterilizing donor eyes in eye bank 37810

gramidicin ointment in skin dis., with fludrocortisone & neomycin 38839

gyn. & obst. dis. (It) 38543

gyn. infect. with pelvic manifest., with procaine infiltration (Sp) 21785

gynecol. inflamm., follow-up (Cz) 30273

hepatic coma, factors affecting progn. 43129

hygromycin, in gastrointestinal nematode infect. in sheep, failure 40416

in appendectomy, postop. mortal. & morbidity (Fr) 9112

in inf., principles (Ger) 25269

in intestinal antisepsis & prev. of compl. in colon surg. 39459

in premature inf. (Fr) 25484

in surg. (Dut) 38713

in surg. (Cz) 10269

in surg., indic., compl. & value, case reports & review (Ger) 39851

in surg. (Ger) 39853

in surg. (It) 52025

in surg., indic., compl. & value (Fr) 39850

in surg. of colon, preop. & postop. 54773

indic. (Fr) 10036

indic. & compl. of various antibiotics 49649

indic. & contraindic. (Sp) 32430

indic., review 33427

infect. dis., uses & abuses (Sw) 10168

infect., routine sensitivity tests as ther. guide 36346

influenza (Sp) 15531

kanamycin 25008

kanamycin, clin. evaluation (Ger) 39022

kanamycin for intestinal sterilization 25018

kanamycin in anthrax, typhoid, paratyphoid & brucellosis 25022

kanamycin in cerebral compl. of liver cirrhosis & pulm. edema 25015

kanamycin in chronic amebiasis (Sp) 51658

kanamycin in intestinal antisepsis 54742

kanamycin in micrococcal & gram-negative bacillary infect., statist. 19828

kanamycin in micrococcal epidemic in newborn inf. ward 25032

kanamycin in micrococcal infect. 25026

kanamycin in peritonitis & peritoneal contamination, adjuvant to other antibiotic & surg. ther. 25017

kanamycin in pulm. tuberc. 25012
25013
35911

kanamycin in pulm. tuberc., with other antituberc. drugs, statist. results 25014

kanamycin in pyoderma, topical admin. 25020

kanamycin in resist. bact. infect. 25033

kanamycin in Salmonella & Shigella infect. 25021

kanamycin in surg. infect. 25031

kanamycin in urinary tract infect. 25023
25024
25025

kanamycin, statist. results 25030

latent amebic colitis with liver abscess, compl., perf. of colon & peritonitis (Fr) 36660

local ther., method for concentration determ. at area of activity (Ger) 55505

lung abscess (Ger) 52240

lung, abscess endobronchial admin. (Cz) 26535

lung toxic reactions, with adjuvant adrenal cortex hormones (Ger) 45398

mastoid & middle ear dis., ther. failure with subsequent develop. of cholesteatoma & other compl. 21842

mastoiditis (Sw) 45343

measles superinfect. prev. 41257

meningitis, acute purulent (Fr) 54884

meningitis, acute suppurative, in child., with sulfadiazine & corticsone deriv. (Sp) 9702

meningitis, meningococcic, with intraspinal admin. of cortisone (It) 35162

Micrococcal infect., combined ther. in drug-resist. forms 46438

micrococcal infect., comparative sensitivity of skin staphylococci 2868

micrococcal infect., hosp.-acquired 23398

micrococcal infect. in child., management by rotation of antibiotics in prev. of develop. of bact. resist. (Sp) 21115

micrococcal infect. in pediatric hosp. after single antibiotic ther. (Ger) 51866

micrococcal infect. in surg. patients 54774

micrococcal infect. of anterior eye segment (Cz) 14827

micrococcal infect., principles of use 35892

micrococcal infect., resist. cases (Ser) 9942

Micrococcus pyogenes aureus infect. in inf., causing moniliasis 48508

Micrococcus pyogenes infect., review 29248

Micrococcus pyogenes septicemia (Hun) 7711

nephrosis, with chlorothiazide & adrenal cortex hormones 20545

non-suppurative bact. & viral dis. of lungs (Fr) 49733

novobiocin in brucellosis (Sp) 1807
31022

novobiocin in chronic urinary tract infect. 1282

novobiocin in external eye infect., effectiveness against gram-positive organisms 50192

novobiocin in micrococcal bacteremia with osteomyelitis, case report 34886

novobiocin in micrococcal endocarditis 16086

novobiocin in micrococcal infect. in inf. & child. 13330

novobiocin in micrococcal infect. in inf. & child. (Sp) 43909

novobiocin in ozena & rhinoscleroma, eff. on Klebsiella ozenae & rhinoscleromatis (It) 1858

novobiocin in pediatric dis., with tetracycline (Sp) 32449

novobiocin in various dis., clin. evaluation of parenteral admin. 563

novobiocin-resist. micrococcal infect., eff. of chloramphenicol-erythromycin-novobiocin combinations on emergence of resist. strains in hosp. 26122

novobiocin-sulfonamide mixture combination in common infect., evaluation 1275

novobiocin-tetracycline prep. in soft-tissue infect. in child. 25129

nystatin aerosols in bronchial moniliasis albicans (It) 13958

nystatin in aspergillosis 48323

nystatin in bronchopulm. moniliasis in child, with oral & cutaneous manifest. (Sw) 32859

nystatin in bronchopulm. moniliasis of early onset during streptomycin ther. (It) 20405

nystatin in cutaneous moniliasis 19967
50289

nystatin in disseminated candidiasis (Sp) 342

nystatin in fungus dis. of skin in inf. (Fr) 25485

nystatin in neonatal thrush (Por) 43480

nystatin in neonatal thrush, method of eradication from hosp. nurseries 38012

nystatin in trichomonal vaginitis, with tetracycline (Por) 47296

nystatin-tetracycline prep. in lung dis. 25126

nystatin-tetracycline prep. potentiated by glucosamine, prev. of infect. in emergency abdom. & gastrointestinal surg. 50756

nystatin with tetracycline in urinary tract infect. 1276

oleandomycin (Ger) 34538

oleandomycin (Sp) 15487

oleandomycin & triacetyloleandomycin in pediatric infect. 40426

oleandomycin in bact. infect. with tetracycline (Sp) 39104

oleandomycin in brucellosis with tetracycline (Sp) 39134

oleandomycin in common infect. in GP, with tetracycline 53293

oleandomycin in facial & oral surg., alone & with tetracycline (Ger) 19030

oleandomycin in gyn. dis. with tetracycline (It) 42571

oleandomycin in infect., combined with tetracycline (Sp) 18855

oleandomycin in infect. in child., with tetracycline (Sp) 29384

oleandomycin in meningococcic & pneumococcal meningitis (Ger) 35587

oleandomycin in Micrococcal septicopyremia in child, with tetracycline (Sp) 3332

oleandomycin in mycosis fungoides, with tetracycline (Ger) 3207

oleandomycin in pediatric dis., with tetracycline (Ger) 21617

oleandomycin in prev. & ther. of micrococcal infect. 38594

oleandomycin in prev. of compl. after pneumonectomy, postop. admin. with tetracycline (Sp) 6615

oleandomycin in puerperal infect., with tetracycline (Sp) 6610

oleandomycin in pulm. tuberc., combined with tetracycline, eff. on sputum secretion (Fin) 27296

oleandomycin in pyoderma, with tetracycline (Ger) 46136

oleandomycin in resp. infect. (Fr) 49737

oleandomycin in resp. infect. in child., with tetracycline (Sp) 8841

oleandomycin in skin & venereal dis. (Ger) 9530

oleandomycin in skin dis., alone & combined with tetracycline, comparison (Fr) 37875

oleandomycin in skin dis. with tetracycline (Sp) 51664

oleandomycin in surg., with tetracycline (Ger) 11424

oleandomycin with oxytetracycline (Sp) 51660

oleandomycin with tetracycline in various dis., clin. evaluation (Ger) 42260

osteomyelitis, chronic fistulous, local admin. with sulfonamides (It) 44334

osteomyelitis of femur neck (Ger) 15395

osteomyelitis of maxilla in inf. & child., with surg. (Pol) 30331

otitis externa in dogs, with fludrocortisone 50290

otitis media & acute tonsillitis 2264

otitis media in child., with hyaluronidase (It) 42752

otogenous meningitis (Sw) 22117

otorrhea, bact. resist. cases (Sp) 23922

papulonecrotic tuberc., with adrenal cortex hormones (Fr) 38867

patulin, chem. & ther. use in veterinary dis. (Fr) 9170

perforating terminal ileitis, causing peritonitis 36014

peripheral arterial occlusive dis. with infect., with histamine, intraarterial admin. 24358

peritonitis (Bul) 28716
28718

peritonitis in gyn. dis., in surg. (Ser) 21954

pharyngitis & stomatitis (Ger) 42389

pneumonia in child., compl. of ther. (Ger) 19310

polymyxin & bacitracin, in local ther. of otitis media, with trypsin (It) 30340

polymyxin B in gastroenteritis in child. caused by E. coli 111 B4 (Fr) 25464

polymyxin B in infantile diarrhea caused by pathogenic E. coli serogroups 2649

polymyxin B in meningitis caused by Pseudomonas aeruginosa in child, cured case (Hun) 7702

polymyxin in gastroenteritis in inf. & child caused by E. coli infect. (Fr) 30232

polymyxin in Pseudomonas infect. after thorax surg. (Ger) 19445

polymyxin in skin dis. (Rus) 36373

prev. & ther. of tooth infect. (Sp) 8968

prev. of impending hepatic coma induced by 6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide in cirrhotic patients 43130

primycin in urethritis (Hun) 13884

progr. (Bul) 28714

progr. (It) 19216

pruritis ani, antibiotic-fludrocortisone 54543

pulm., tuberc. (Fr) 32060

pulm. tuberc. in inf. (Fr) 30439

pulm. tuberc., incidence & outcome of pleurisy with effusion in preantibiotic & antibiotic periods in child. (It) 16030

pulm. tuberc., incidence of recur. (Fr) 32074

pulm. tuberc., mechanism of action, review (Sp) 53900

purulent dis., abscesses & infected wds., indic. (Rus) 5946

pyogenic drug resist. infect. after surg. of brain inj. in Korean casualties 5525

resp. dis. & infect. 37544

resp. infect. in child. 43158

resp. tract allergy with sinopulm. infect., review 12774

review 16852

review (It) 44365

ristocetin in micrococcal endocarditis 16617

ristocetin in micrococcal infect. & mixed infect., clin. appraisal 14704

ristocetin in micrococcal sepsis with bacteremia, failure 30111

sarcoidosis of mediastinal lymph nodal form, with prednisone (Fr) 53242

sinusitis, maxillary, local ther. using permanent catheter (It) 30335

skin dis. (Ger) 39083

skin dis., indic. 14070

skin dis., indic. & compl. 54512

skin dis., research on actions (Fr) 2430

skin dis., venereal dis. & leprosy (Sp) 21249

soframycin treatment of healthy laboratory rat carriers of Salmonella enteritidis (Fr) 53984

spinuline in cancer, with sodium iodine (Dut) 15992

spiramycin in post-influenzal lung abscess with hemoptysis, case report (It) 15894

splenoganglionic tuberc. with megaloblastic anemia (Fr) 51472

staphylococcal pyoderma, resist. (Rus) 45630

streptoc. infect. of throat 48789

streptovaricin in tuberc. (Por) 21026

subacute bact. endocarditis (Ger) 54369

syphilis among prostitutes in Japan 26392

tonsillitis & rheum. fever, sensitivity of pharyngeal flora (Rus) 20276

trends 48245

triacetyl oleandomycin in various infect. 1278

trichomycin in pulm. aspergillosis (Ger) 34468

trichomycin in thrush in newborn inf. (Por) 43486

tropical ulcer, with hyaluronidase 1229

tuberc. 7431
19847

tuberc. peritonitis, with ACTH (Cz) 26534

tuberc. prev. in E. Germany (Ger) 11113

tuberc., risk of recur. (Fr) 32071

tuberc., value in rehabil. of workers (It) 244

typhoid fever (Rus) 36380

typhoid fever, eff. of inject. of purified Vi antigen (It) 13924

typhoid fever, with cortisone (Rus) 54567

tyrothricin-xanthocillin-1-p-chlorobenzyl-2-methyl-benzimidazole-hydrocortisone ointment in fungus dis. (Ger) 22988

urethritis, statist. 23706

urinary infect. (Bul) 29717

usnic acid in bact. dermatoses (Ger) 39809

vancomycin in puerperal micrococcal septicemia resist. to other antibiotics 26132


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

vancomycin in septicemia after mitral commissurotomy caused by antibiotic-resist. Micrococcus pyogenes aureus 5412

venereal dis., hazards of ther. by non-med. personnel aboard ships (Sw) 22136

wds. (Ger) 38434

whooping cough, with ACTH & adrenal cortex hormones, review & case reports (Sp) 8809

*toxicity*

kanamycin testing in cats, dogs & rats 40427

triacetyl oleandomycin, acute & chronic tox. in mice & rats 13342

## ANTIBODIES

*see also* ANTIGEN-ANTIBODY REACTIONS

*see also* BLOOD GROUPS

*see also* GAMMA GLOBULIN

absorp., eff. of steroids in young rats 50519

absorption reaction of specific antibodies with T3 phages (Ger) 34478

agglut. electrophoresis in detection (Ger) 34074

agglutinins & lysins in normal & leukemic mouse tissue 52323

agglutinin determ. in feces in E. coli enteritis in inf. & child. (Ger) 23006

agglutinins, selective destruction by 2-mercaptoethanol & ethanethiol 23942

agglutinins, specificity in milk 19551

agglutinin titers in typhoid fever, eff. of prednisone (It) 20813

agglutinins, Ulex europaeus agglutinin, usefulness in large-scale blood group study 55352

analyses of normal & abnormal human-antihuman precipitin reactions in agar columns 10243

antibact. & antitoxic antibodies in maternal blood & milk & in umbilical cord blood, specificity 43517

anti-D antibody, eff. of active immun. with animal antibodies on Rh sensitivity (Ger) 11466

anti-insulin antibodies in diabetic patients (Ger) 49099

anti-insulin antibodies in diabetic patients never treated with insulin & after 5 years of insulin ther. (It) 19236

anti-insulin antibodies on insulin sensitivity in diabetics & insulin-immunized rabbits 18356

anti-insulin antibodies, relation to insulin resist. in diabetics 26152

anti-leukocyte, review (Cz) 2730

anti-leukocytic isoantibodies (Fr) 11929

anti-leukocytic iso-antibodies, exper. demonstration 11930

anti-liver autoantibodies, form. in rats after admin. of cobalt chloride (It) 37380

anti-M isoantibody causing blood transfusion reaction 24403

anti-N lectin of plant Bauhinia purpurea 28431

anti-ovalbumin rabbit serum in vitro & in vivo, eff. of treatment with pepsin (It) 13931

anti-platelet antibodies & reference to platelet agglutinins 11933

anti-platelet antibodies, detection (Fr) 11932

anti-platelet antibodies, review 32258

anti-rat kidney antibodies, fixation in adrenals after inject. in rats 20780

anti-rat pituitary antibodies from rabbits, eff. of inject. into rat 10241

anti-tissue antibodies, localization in vivo in presence of control proteins by paired labeling with p-iodobenzoyl groups containing radiocarbon & radioiodine 16349

anti-tissue antibodies, localization with fluorescein & radioiodine, comparison 4251

antiyeast agglutinins (Pol) 53139

auto-antibodies (Fr) 44604

autoantibodies against myocardium in rabbits treated with streptoc. (Cs) 38168

auto-antibodies & auto-sensitivity, review 7469

auto-antibodies in acquired idiopathic hemolytic anemia (Fr) 2291

autoantibodies in glomerulonephritis & nephrotic synd. 40904

auto-antibodies in Hashimoto's dis. 4849

auto-antibodies, properties & isolation & pathogen. significance (Ger) 11934

auto-antibodies, serol. & clin. significance, review (Ger) 25847

auto-immune erythrocyte sensitization, unusual case report 26147

backbone structure of antibody 41848

cell-bound antibodies in transpl. immun. in mice 47552

circulating incomplete blocking leukocyte antibody in transfused patient of acute aleukemic monocytic leukemia (Ger) 1791

cold agglutinins assoc. with cryoglobulinemia in Raynaud's synd. 60

cold agglutinins, increase in agglut. titer induced by inactivated normal human serum (It) 39764

cold agglutinin, serol. & physicochem. features (Ger) 18333

complement-fixing antibodies & neutralizing antibodies to foot & mouth dis. virus in cattle by type C rabbit-adapted virus (Fr) 38635

complement-fixing antibodies in guinea pigs after inoculation with mumps virus, appearance after booster inject. (Fr) 21313

complement-fixing antibodies in guinea pigs after inoculation with mumps virus, factors influencing prod. (Fr) 21312

complement-fixing antibodies to human tissue antigens, significance of their presence in human serum 13669

complement-fixing, preformed antibodies in normal rabbit serum (Ger) 55681

detection in hemagglut. by fluorescein-conjugated antisera 4157

1-dimethylaminonaphthalene-5-sulfonyl chloride labeling of antibodies in detection E. coli in feces (Ger) 47646

direct virus antibody flocculation reactions in virus dis., review 5341

eff. of pH on amounts of precipitate & rates of flocculation in precipitin reactions 4160

eff. of x-rays on preformed antibodies 23295

eff. on luminescence of Photobacterium fischeri & use as criterion of cellular penetration 5151

fluorescein isothiocyanate for fluorescent-antibody technic with modified application, value 20790

fluorescein-labeling, technic & applications 3768

fluorescent antibodies in determ. of specific antigen prod. of virus of foot & mouth dis. in tissue culture cells (Ger) 34480

fluorescent antibody technics 20882

fluorescent staining of protein antibodies by various dyes as alternative to fluorescein 40064

form. by isolated perfused lungs of immunized rabbit, determ. of dynamics of antibody secretion with radio-carbon-labelled amino acids 13735

form. by single cells from immunized rats, detection technic 14103

form. by single cells from rat lymph nodes 28844

form., cellular mechanisms of lymphocyte, review 13225

form., cellular reaction 11912

form., comparison of eff. of injected isotopes & total-body x-irradiation in rats 20931

form., eff. of adrenalectomy & cortisone (Rus) 52961

form., eff. of 6-azaguanine 29839

form., eff. of chloral hydrate & chlorpromazine in cats (Ger) 34068

form., eff. of chlorpromazine in rabbits 24019

form., eff. of chlorpromazine in rabbits (Hun) 28795

form., eff. of cortisone (Rus) 55767

form., eff. of cortisone, prednisone & prednisolone in rabbits (It) 13515

form., eff. of hypothermia (Rus) 55771

form., eff. of ionizing radiations, review (It) 19189

form., eff. of liver lesions induced by hepatotoxic substances in rabbits (Ger) 11235

form., eff. of total-body x-irradiation with protection of spleen (Rus) 55770

form. in bone marrow in amebiasis in rabbits 9784

form. in cells 41843

form. in hyperimmunized rabbits, eff. of 6-mercaptopurine 31333

form. in lymph nodes, eff. of x-ray in rabbits (Ger) 34000

form. in mice (Rus) 55768

form. in rabbits after intravenous admin. of tridymite (It) 51652

form. in rabbits, eff. on blood proteins & organs (Ger) 33987

form. in rabbits immunized against rattlesnake venom, electrophoresis 23311

form., lymphocyte changes 52439

form., mechanisms, review (Rus) 52944

form. mechanisms, study by hemagglut. of protein-conjugated erythrocytes 28014

form., reflex mechanism (Rus) 55757

form., relation of radiations eff. to biol. factors (Ger) 32631

form., relation to eosinophil reactions 13236

form., relation to plasmacytes, exper. in guinea pigs (It) 43465

geometric mean antibody titres, logarithmic values 40845

hemagglut.-inhibiting antibodies against Far East influenza virus, thermolability & reactivation 24214

hemagglutinins in tissue fluid (Ger) 33536

hemagglutinins in uterine cervical secretions in relation to blood types 9582

hemagglutinin inhibitors of influenza viruses found in animals, characteristics 10396

in baby rabbits after transfer of ribonucleoprotein from adult rabbits, relation to gamma globulin 52386

in single cells, measurement 28300

isohemagglutinins from man in vitro, reaction to various carbohydrates & related cpds. (Fr) 26297

lack of antibodies to clotting factors in hemophiliacs refractory to transfusion 10334

loss of precipitating activity without destruction of binding sites 9572

neutralizing antibodies to streptoc. diphosphopyridine nucleotidase, exper. induction in animals & natural occurrence in man 4998

196 antibodies of normal sera, depolymerization by cysteine 15025

normal serum panagglutinin in patients with congen. agammaglobulinemia 17587

organ specificity (It) 33375

plant anti-N agglutinins, reactions with erythrocytes treated with papain & trypsin 24855

platelet agglutinin, platelet lysin with clot retraction inhibitor & thrombocytopenia in cancer patient 48056

possible antibody nature of gastric urease inhibitor in blood serum (Ger) 27911

precipitin tests in agar, comparison of simple & double diffusion methods 17408

precipitin test in agar gel medium, significance of number of precipitin bands 14614

separation of paittacosis complement-fixing & hemagglutinating antibodies by starch electrophoresis 45839

sera containing auto-antibodies, eff. of incubation with normal erythrocytes on enzymatic activity of erythrocytes (It) 32112

T-agglutinin (Ger) 41750

thyroid-specific auto-antibodies, study by passive cutaneous anaphylaxis in guinea pigs 31414

titer determ. by duadic logarithmic method (Ger) 46143

to gelatin in normal sera of man, dog & rat 17602

to rat fibrin in transplantable rat lymphosarcoma, localization of radioiodine-labelled antibody 23348

## ANTICOAGULANTS

*see also* COUMARIN

*see also* HEPARIN

*see also* HIRUDIN

*see also* PHENINDIONE

Aesculus hippocastanum extracts & prep., quantitative determ. of saponin content by aescinol method (Ger) 53102

anticoagulant rodenticides, laboratory studies 53667

biol., chem. & phys. agents 27982

choice & control of anticoagulant drugs 39553

extermination of rats (Sp) 51666

form. of anticoagulant substance upon proteolytic degradation of fibrin & fibrinogen 21298

indan-1,3-dione deriv. (Ger) 43611

phospholipid antithromboplastin from porcine brain, prep. & properties 13386

plant anticoagulants 17440

production of circ. anticoagulant in open heart surg. with cardiac bypass & hypothermia 18118

sodium escin as reagent in blood gas content determ. by van Slyke's method (Ger) 43600

synthetic sphingosines, identification & synthesis, comparison with lipoid activators of blood coagulation (Ger) 10335

*effects*

indirect anticoagulants on renal funct., clearance tests (It) 16023

on arterial wall, dilations & permeability of arteries of rabbit ear (Ger) 23018

salmine sulfate on ECG in rabbits (It) 1528

3-sulfo-isonicotinic acid dineodymium, blood group reactions (Ger) 12082

thrombocid, on thrombosis in rabbits (Ger) 6066

*history*

discovery & early develop., hist. 48713 48706

*in blood*

Bridge anticoagulant, relation to antihemophilic globulin 20170

contact-labile factors in thrombopenia caused by repeated blood transfusions (It) 20817

determ. by thromboelastographic method, comparison with usual tests (Fr) 228

*injurious effects*

hazards in thrombosis (Ger) 45837

hemorrhagic eff. with combined admin. of ACTH in rabbits & man 14662

rectus abdominis hematoma in myocardial infarct ther. (Fr) 36663

3-sulfo-isonicotinic acid dinsodymium causing hemoglobinemia & hemoglobinuria 10349

***therapeutic use***

(Por) 8661

Aesculus hipocastanum extract-rutin-vitamin B1 prep. in brain inj. (Ger) 45406

Aesculus hippocastanum extract with synergists in varicose veins (Ger) 4037

ambulatory ther. (Fr) 54150

angina pectoris 25838

arterial dis. 25833

arteriosclerosis (Sp) 33015

arteriosclerosis obliterans 25843

cardiovasc. dis. (Fr) 31949

cerebral embolism & thrombosis (Rus) 28810

cerebral hemorrh., prev. & ther. 49653

cerebral thromboembolism 25835

cerebral thromboembolism, prev. ther. 25831

cerebral thrombosis 25832

cerebral thrombosis (Fr) 25834

control method (Ger) 39878

coronary atherosclerosis 48718

coronary dis., reasons for anticoagulant controversy 49189

coronary thrombosis, with phenylbutazone (Ger) 46032

in aged (Fr) 38818

in surg. patients (Rus) 41511

long-term ther., statist. 41099

N-methyl-$\alpha$-ethyl-$\alpha$-methyl-succinimide in petit mal epilepsy (Dan) 43247

myocardial infarct 25836, 25840

myocardial infarct, adjuvant armchair rest 35186

myocardial infarct & pre-infarct (Rus) 33241

myocardial infarct, interpretation of results in long-term ther. 11982

myocardial infarct, statist. 28534

peripheral arterial embolism (Ger) 384

peripheral vasc. dis. (Fr) 15957

pharmacol. & indic. 14052

prev. of arterial thrombosis in chronic obliterative peripheral vasc. dis. 25842

prev. of post-thrombotic compl. 48717

prev. of thrombosis recur., ambulant use (Ger) 52250

prothrombin time control for anticoagulative ther., different concept 12215

results, eff. of antibiotics (Ger) 39852

thrombocelastographic control (Fr) 43945

thromboembolism, hemorrh. & cardiac rupt. in myocardial infarct ther. 35729

thromboembolism in surg. patients 54783

thromboembolism, prev. & ther., local admin. (Ger) 6050

thromboembolism prev. in surg. patients, preop. & postop. admin. (Fr) 43953

thrombosis, arterial (Ger) 25841

thrombosis, with intravenous fibrinolysin 16611

with phenylbutazone, retarding eff. (Nor) 54984

xylanpolysulfate prep. SP-54 in tenosynovitis crepitans (Ger) 34531

## ANTICONVULSANTS

***see also*** BARBITURATES

***see also*** HYDANTOINS

***see also*** HYPNOTICS AND SEDATIVES

***see also*** OXAZOLES

***see also*** PRIMIDONE

combined eff. with diphenylhydantoin, anticonvulsant & neurotox. tests 4560

phensuximide, properties & determ. methods (Fr) 51065

***effects***

5-acetylimino-4-methyl-$\Delta$2-1,3,4-thiadiazoline-2-sulfonamide, comparison with diphenylhydantoin in mice & rats 17935

1,2-bis[5-$\beta$-chloroethyl-4-methyl) thiazol-3-yl-sulfo]ethane, liver tolerance (It) 39509

mechanism of action & relation to chem. structure (Fr) 32951

on recovery time from tonic-clonic seizures in mice & rats 17936

principle from oil of jatamansi, testing for activity 40077

reduction of acetylcholine content in rat brain & heart 36581

reduction of acetylcholine content in rat brain, dose-response curve 36582

***injurious effects***

dimedione causing agranulocytosis, diag. by blood count (Dan) 43213

lymphadenopathy mimicking clinically & pathologically malignant lymphomas, review & case reports 48551

toxico-allergic reactions during ther. of epilepsy, prednisone ther. (Fr) 44711

trimethadione nephrosis in child. 20249

***metabolism***

benzchlorpropamide fixation in different sites in cat brain after oral admin. (Fr) 32947

***therapeutic use***

1,2-bis[(5-$\beta$-chloroethyl-4-methyl) thiazol-3-yl-sulfo] ethane in epilepsy, ECG aspects (Fr) 31962

epilepsy, comparisons (Rus) 21882

epilepsy, review 17007

$\alpha$-ethyl-$\alpha$-methylsuccinimide in petit mal epilepsy 19792

in child. 43488

4-methyl-4-phenyl-pyrrolidinone in epilepsy in child. (Sp) 21124

phenacemide with phenylethylacetylurea & phenobarbital in grand mal epilepsy 17750

## ANTIDIABETICS

***see also*** INSULIN

(Ger) 15636

3,4-dimethyl-N-sulfanilylbenzamide (Sp) 8865

excluding sulfonylurea cpds., review 11644

indic. & mechanism of action (Ger) 3232

intravenous tolbutamide response test for diag. of mild diabetes mellitus 27247

p-isopropoxy-N-sulfanilyl-benzamide (Sp) 8856

oral antidiabetics, comparison with insulin, review (Pol) 8095

oral, review 19713

oral sulfonamides, review 53276

pharmacol. & ther. indic. (Ger) 39058

1-phenylethyl-biguanide (It) 1650

1-phenylethyl-biguanide, ability to be bound by purified blood proteins 38559

1-phenylethyl-biguanide, clin. evaluation & pharmacol. 30176

1-phenylethyl-biguanide, hypoglycemic activity in various exper. animals (Sp) 44598

1-phenylethyl-biguanide, pharmacol. (Sp) 44593

review 24439

sulfanilyl- & sulfonylurea deriv. (Ger) 1597

sulfonamides (Fr) 31477

sulfonamides (Sp) 27213

sulfonamides, review (Fr) 25095

sulfonamides, review (Rus) $3448

sulfonylurea cpds. (Ger) 1598

sulfonylureas, dos. (Ger) 22944

tolbutamide 16852

tolbutamide, calculation of dissociation constant & solubility values (Ger) 36462

N-tolyl-sulfonyl-N'-cyclohexyl urea, testing (Sp) 21112

***administration***

carbutamide & tolbutamide with retard prep. of acetylcholine in diabetics (Sp) 31843

***antagonists***

barbital & chlorpromazine inhib. of tolbutamide induction of hypoglycemia in rats (Ger) 18322

***determination***

carbutamide, technics (Ger) 7968

sulfonamides in biol. fluids, technics (Fr) 24775

tolbutamide in aqueous solution, colorimetry 45381

***effects***

alkyl p-tolylsulfonylcarbamates, eff. on blood sugar in rabbits (Fr) 3092

1-amylbiguanide, 1-phenylethyl-biguanide & decamethylene diguanidine induction of hypoglycemia in rats & inhib. of tissue resp. 37097

arylsulfonamide reduction of blood sugar, mechanism of action in normal or diabetic subjects, review (Dut) 37030

arylsulfonamide reduction of blood sugar, mechanism of action, review (Dut) 37029

arylsulfonylbutylureas on carbohydrate metab. in rats (Ger) 15627

2-benzenesulfonamido-5-alkyl-1,3,4-thiadiazole deriv. causing inhib. of glucose-6-phosphatase 50260

N-(5-t-butyl-1,3,4-thiadiazol-2-yl)sulfanilamide on mild, medium & severe m-alloxan d. diabetes in dog (Fr) 15142

carbutamide & tolbutamide mechanism of action 3361

carbutamide & tolbutamide, mechanism of action (Ger) 11170

carbutamide & tolbutamide, mechanism of action (Por) 16136

carbutamide & tolbutamide on blood chem. in normal dogs (Ger) 1604

carbutamide & tolbutamide on blood glucose, lactate, potassium & pyruvate, mechanism of action 31431

carbutamide & tolbutamide on blood lactic acid & pyruvic acid levels in diabetes mellitus (It) 27361

carbutamide & tolbutamide on blood proteins & liver funct. after prolonged ther. (It) 53781

carbutamide & tolbutamide, on body weight, in rats (It) 37335

carbutamide & tolbutamide, on hemopoietic system & blood composition, in diabetics (It) 8363

carbutamide & tolbutamide on liver (Ger) 51820

carbutamide & tolbutamide on thyroid funct. in diabetes mellitus (It) 36753

carbutamide anti-thyroid eff., mechanism of action 15597

carbutamide, mechanism of action 1606, 15632

carbutamide, mechanism of action (Ger) 1601

carbutamide, mechanism of action (Rus) 31145

carbutamide on adrenals, islands of Langerhans & liver of rabbits (Pol) 30388

carbutamide on blood cholesterol & sugar levels in normal & in thyroidectomized rats (Ger) 35086

carbutamide on blood sugar & islands of Langerhans in rats 11911

carbutamide on blood sugar in normal cond. (Pol) 8098

carbutamide on blood sugar in pregn. (It) 9415

carbutamide on blood sugar in total or partially pancreatectomized dogs (Ger) 35263

carbutamide, on blood sugar, potassium & inorganic phosphorus in diabetic & normal subjects (Ger) 11190

carbutamide, on blood sugar, potassium & inorganic phosphorus in pancreatectomized dogs (Ger) 11191

carbutamide on carbohydrate tolerance of tube-fed rats, interaction with insulin & somatotropin 49175

carbutamide on fructose-induced hyperglycemia in diabetic patients (Fr) 21267

carbutamide on glucose liberation by liver & uptake by body periphery in rats (Ger) 25883

carbutamide on glucose metab. in isolated rat diaphragm, radiocarbon determ. 1605

carbutamide, on intestinal absorp. of glucose, in dogs (It) 36803

carbutamide, on liver regen., intrahepatic free methionine metab. (It) 37486

carbutamide, on liver regen., morphol. & ponderal factors (It) 37485

carbutamide on physiol. alcohol consumption in rats 8495

carbutamide on portal, suprahepatic & peripheral arteriovenous blood sugar after admin. of glucose, in dogs, mechanism of action (It) 36802

carbutamide, role of hepatic insulinase in hypoglycemic action (Rus) 37177

carbutamide, teratogenic action in rats (Fr) 26810

carbutamide, with indolacetic acid (Cs) 38241

N-(p-chlorophenylsulfonyl)-N-propyl-urea, hypoglycemic potency in man 20731

N-(p-chlorophenylsulfonyl)-N-propyl-urea, pharmacol. in mice, rats & dogs 49169

1,1-dimethylbiguanide, pharmacol. in various animals (Fr) 32946

mechanism of action, review 19712

on exper. diabetes (Rus) 48038

on glucagon-induced hyperglycemia, determ. by glucagon tolerance test (Ger) 1593

on glucose tolerance & islet regen. in partially pancreatectomized rats, long-term admin. with ACTH (Ger) 1602

on liver glycogenolysis of rats (Hun) 52895

on thyroid funct. in diabetic patients (Sp) 35969

1-phenylethylbiguanide on blood sugar in hydergine- & epinephrine-treated animals, central mechanism of action & eff. of chem. structure & dose of guanide cpds. in blood sugar response (Ger) 1603

sulfonamides, comparative teratogenic eff. after maternal admin. in rat (Fr) 38631

sulfonamides in normal & surgerized toads (Sp) 44592

sulfonamides, mechanism of action (Pol) 8084

sulfonamides, mechanism of action, review (Fr) 9030

sulfonamides, potentiation of hypoglycemic activity of blood draining from pancreas in dog (Fr) 38665

sulfonylureas & guanidine deriv., comparison with insulin (Dut) 49600

sulfonylurea cpds. on exper. liver necrosis (Ger) 1599

sulfonylureas, on aqueous humor glucose (Ger) 22766

sulfonylureas on islands of Langerhans $\beta$-cells (It) 21438

sulfonylureas on liver (Ger) 51821

sulfonylureas, on liver funct. (Ger) 12097

sulfonylureas on liver glucose 15633

sulfonylureas on musc. metab. in frog 31302

tolbutamide (Dut) 52538

tolbutamide & 1-phenylethyl-biguanide on peripheral glucose uptake 27246

tolbutamide in normal pregn. 20069

tolbutamide-induced convulsions in mice, comparison with insulin & eff. of thyroxin pretreatment on sensitivity (Ger) 36925

tolbutamide on adrenal medulla in rabbits (Ger) 1600

tolbutamide on alloxan diabetic rats 3357

tolbutamide on blood & intestinal glucose metab. in rats 20791

tolbutamide on blood glucose & amino acids, immediate eff. after intravenous admin. 31288

tolbutamide on blood glucose entry & removal rates 3352

tolbutamide, on blood glucose turnover & oxidation in humans, comparison with insulin 33064

tolbutamide on blood potassium & sodium in pigeons & rabbits (It) 37470

tolbutamide on blood sugar & oxygen consumption in pigeons (It) 13949

tolbutamide, on blood sugar, hepatic factor (Ger) 1595

tolbutamide on blood sugar in glycogenosis, determ. of site of action (Fr) 21283

tolbutamide, on blood sugar of recently pancreatectomized dogs treated with insulin, synergic action (Fr) 26720

tolbutamide on blood sugar, quick response test for determ. of ther. value in various cases (Ger) 42326

tolbutamide on islands of Langerhans β-cells 16689

tolbutamide on islands of Langerhans cytoplasm, comparison with exocrine pancreas cells (Ger) 27418

tolbutamide on liver lesions induced by thioacetamide in rats (Ger) 34014

tolbutamide on liver phosphorylase & phosphatase in rats 49993

tolbutamide on testes in rat (Fr) 26714

tolbutamide on testes in rats (Sp) 8980

tolbutamide, peripheral action in hepatectomized & pancreatectomized chickens 15613

tolbutamide, synergistic hypoglycemic eff. with insulin in recently pancreatectomized dogs (Sp) 8988

***in blood***

tolbutamide, determ. by ultraviolet spectrum analysis (Fr) 24776

***injurious effects***

carbutamide, causing agranulocytosis (Ger) 18968

carbutamide causing hepatitis with jaundice (Ser) 51680

carbutamide causing stillbirth (Ger) 15975

carbutamide fatal allergy 27102

carbutamide, fatal eff. (Dan) 22400

carbutamide ther. causing glomerulonephritis, case reports (Ger) 6659

tolbutamide causing bilateral optic neuritis (Fr) 31997

***therapeutic use***

7489

24867

(Ger) 1591

(Rus) 10229

biguanides & sulfonamides, comparison with insulin (Ger) 22827

biguanides in stabilizing juvenile-type diabetes 27249

biguanides with sulfonylureas (Ger) 52198

carbutamide (It) 13518

carbutamide & tolbutamide 16549

carbutamide & tolbutamide (Nor) 54970

carbutamide & tolbutamide (Rus) 41657

carbutamide & tolbutamide (Sp) 20645

carbutamide & tolbutamide, comparative results (It) 39513

carbutamide & tolbutamide, comparisons (Fr) 54068

carbutamide & tolbutamide, indic. & contraindic. (It) 36968

carbutamide & tolbutamide, review (Ger) 10291

carbutamide & tolbutamide, review (Pol) 30734

carbutamide, evaluation of new Hungarian prep. (Hun) 52898

carbutamide in aged (Dan) 22399

carbutamide in child., ineffectiveness (Hun) 16066

carbutamide in minimal doses (Sp) 43925

carbutamide in psoriasis 15273

carbutamide potentiation of insulin shock ther. (Fr) 36118

carbutamide, statist. (Sp) 44396

carbutamide, tolbutamide & N'-(5-t-butyl-1,3,4-thiadiazol-2yl) sulfanilamide (Fr) 29142

carbutamide, tolbutamide & N'-(5-isopropyl-1,3,4-thiadiazol-2-yl) sulfanilamide, comparison (Sp) 20624

N-(p-chlorophenylsulfonyl)-N-propyl urea 6197 6426 28452 28454 28583 30151

N-(p-chlorophenylsulfonyl)-N-propyl-urea (Ger) 19002

N-(p-chlorophenylsulfonyl)-N-propyl-urea (Por) 28085

N-(p-chlorophenylsulfonyl)-N'-propyl-urea (Sw) 54803

N-(p-chlorophenylsulfonyl)-N-propyl-urea & tolbutamide in diabetes mellitus, comparison 49168

N-(p-chlorophenylsulfonyl)-N-propyl-urea, comparison with tolbutamide (Sw) 45319

N-(p-chlorophenylsulfonyl)-N-propyl-urea, 1-phenylethyl-biguanide, tolbutamide & N'-(5-isopropyl-1,3,4-thiadiazol-2-yl) sulfanilamide, review 29247

comparative ther. evaluation (Ger) 22875

late failures (Ger) 1592

oral antidiabetics 6975 17455

oral, comparison with glucagon (Sw) 54813

orinase with insulin in maturity-onset diabetes, effectiveness 46921

1-phenylethyl-biguanide 33821

1-phenylethyl-biguanide, alone & with N-(p-chlorophenylsulfonyl)-N-propylurea & tolbutamide 52595

1-phenylethylbiguanidine, amyl-biguanide & isoamylbiguanide 11612

results (Por) 8761

review 17765

review (Ger) 3230

schizophrenia (It) 8823

sulfanilamides (Rus) 32544

sulfanilylurea cpds., review (It) 31673

sulfonamides, progr. (Fr) 41118

sulfonylureas 18105

sulfonylureas (Fr) 9545

sulfonylureas (Ger) 363

sulfonylureas, failure (Ger) 15634 29797

sulfonylureas in pulm. tuberc. in diabetics (It) 9280

sulfonylureas, patient selection by Himsworth insulin-glucose test (Pol) 43643

sulfonylureas, uses & abuses 19714

tolbutamide 906 913 7003 21518 28319 30250 30251 41092 41094

tolbutamide (Ger) 1596

tolbutamide (Rus) 10230

tolbutamide & N-(p-chlorophenylsulfonyl)-N'-propyl-urea 45914

tolbutamide, apparent superiority to insulin in regulation of selected clinic patients 45099

tolbutamide in child., insulin-producing response of pancreas 7845

tolbutamide in pulm. tuberc. in diabetics (It) 29645

tolbutamide in steroid diabetes, eff. on insulin-resistant cases (Hun) 29158

tolbutamide, 1-phenylethyl-biguanide & N-(p-chlorophenylsulfonyl)-N-propyl urea, value & hazards 47561

tolbutamide, rapid tablet test for excluding primary ther. failures (Ger) 1594

tolbutamide, review 28582

tolbutamide, side-eff. & case reports 49847

tolbutamide, statist. (Sp) 44402

tolbutamide, with insulin (It) 42705

tolbutamide with insulin in highly insulin-resist. diabetes (Pol) 43664

N-tolyl-sulfonyl-N' -cyclohexyl urea (It) 8047

***toxicity***

N'-(5-t-butyl-1, 3, 4-thiadiazol-2-yl)sulfanilamide & N'-(5-isopropyl-1, 3, 4-thiadiazol-2-yl)sulfanilamide, eff. of adrenal cortectomy & medullectomy in rats (Sp) 8979

1-phenylethyl-biguanide in exper. animals (Sp) 44594

**ANTIGEN-ANTIBODY REACTIONS**

***see also*** **AGGLUTINATION**

***see also*** **ANTIBODIES**

***see also*** **ANTIGENS**

***see also*** **COMPLEMENT**

***see also*** **HEMAGGLUTINATION**

***see also*** **HEMOLYSIS**

***see also*** **SERODIAGNOSIS**

agglutinin response to vacc. with Salmonella typhosa O antigen in rabbits, eff. of oxytetracycline (It) 16012

amount of precipitation determ. by nephelometry, Heidelberger-Kendall nitrogen-precipitation technic & other methods, comparison (Ger) 38516

antigen-antibody complexes, elimination after intravenous admin. into rabbits 5147

autosensitization in relation to homotranspl. immun., nature of tissular antigens involved 47561

biochem. factors, review (Ger) 12201

cell lysis & related phenomena in hypersensitive reactions 8331

complex precipitating system containing 2 cross-reacting egg albumins as antigens 40903

constant-antigen precipitation reaction of alkaline phosphatase, ovalbumin & gamma globulin 40908

delayed hypersensitivity induced by antigen-antibody complexes in guinea pigs 28323

delayed hypersensitivity reactions, specific desensitization of guinea pigs sensitized to protein antigens 28326

delayed hypersensitivity reactions, systemic reactivity of guinea pigs sensitized to protein antigens 28327

delayed hypersensitivity to protein antigens, specific desensitization 47563

demonstration methods in colloidal dispersions (Ger) 11238

detection by electrophoresis by crossing technic 19557

determinants of passive sensitization of isolated organs (Fr) 38698

diffusion-in-gel methods for immunol. analysis 8326

dose of antigen capable of induction of antibody prod. in intracarotid sinus admin. (Rus) 1751

double-diffusion precipitin reactions, enhancement by cadmium 5145

eff. of adsorbents (Ger) 22994

eff. of anti-kidney antibodies on remaining kidney in donor rabbit (It) 42552

eff. of chloramphenicol on form. of antibody to bact. & non-bact. antigens in rabbit 9794

eff. of electrolyte concentration & agglut. (Ger) 39027

eff. of hypothermia on antibody form. in mice in response to typhoid-H-antigen 32213

eff. of isolation of carotid sinus on reflex antibody prod. after antigenic action on glomus chemoreceptors (Rus) 48004

eff. on blood coagulation 40309

glycoprotein variations during antibody form. in rabbits injected with horse serum or typhus antigens (It) 37302

horse ferritin-rabbit ferritin antigen-antibody complex, electron microscopy 40067

immediate skin reactions in exper. animals 8332

immune-adherence with soluble antigens 40063

immunol. tolerance to nerv. tissue inject. into rats 47571

in activation of blood proteases in vivo & in vitro (Ger) 10340

in Ehrlich adenocarcinoma & in Yoshida sarcoma (Rus) 37186

in isolated sensitized guinea pig / uterus 16526

induction of degranulation of mast cells, inhib. eff. of allicin 35390

instrumentation for direct photometry of reactions in agar columns 55886

mechanism in protection against infect. (Sp) 27230

metab. of antigen-antibody complexes in rabbits 50594

non-antigenicity of pneumococcal polysaccharides & dextran in guinea pigs 31408

phys. properties of soluble antigen-antibody complexes having skin-irritating activity 50528

precipitate amounts & flocculation rates in precipitin reactions, eff. of pH & neutral salt concentration 4160

precipitation demonstration by paper chromatography (Ger) 23154

precipitation in cornea in vivo (Pol) 32172

primary antibody response to closely related heterologous antigen after various doses of x-ray in mice 40907

quantitative immunochem. measure of primary interaction between I-131 labeled bovine serum albumin & antibody 40943

reactions of histocompatibility-2 antibodies in homotranspl. in vitro & in vivo 47559

reactions to kidney homotranspl. in dogs, eff. of protein defic. & massive radiogold inject. 47562

relation of serol. reactivity to antibody molecular weight 19651

response to vaccine stimulation, eff. of partial hepatectomy in rats (It) 1505

site & mechanism of antigen-antibody interaction in anaphylactic hypersensitivity 24572

specific antitoxin prod. in rabbits after multiple inject. of micrococcal antigen (Fr) 21309

theory of 2d phase of precipitation reaction (Fr) 26322

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

titration by formalinized erythrocytes with attached antigens or haptens 31433

triangular double diffusion agar precipitin test 4258

## ANTIGENS

*see also* ANTIGEN-ANTIBODY REACTIONS

*see also* BLOOD GROUPS

*see also* POLLEN

antigenic power of tissues in aseptic preserv. at + 4° (Fr) 26816

antigenic properties of bact. spores purified from serol. active particles by enzyme treatment (Ger) 32295

antigenic properties of musc. phosphorylases, organ & species specificity (Hun) 28790

antigenic properties of phosphorylases from hen musc., organ & species specificity (Ger) 24018

antigenic proteins, molecular weight determ. by diffusion analysis, determ. of diffusion coefficient by gel-precipitin technic 1693

antigenic similarities between atmospheric fungi & food (Sp) 32440

bact. haptene - supra-vital liver cell prep. in ther. of acute & chronic parenchymatous liver dis. (Ger) 36927

blood platelet antigens, immunoelectrophoresis (Fr) 21646

causing bone marrow transpl. immun., localisation & characterization 47564

complement-fixing antigens of polio., type & group specific antigens in native & heated viral prep. 40905

complement fixing antigen, specificity in allantoic fluids infected by influenza virus, serol. (Ger) 34459

D antigen of Rh system in fetal desquamation cells obtained by amniotic puncture (Fr) 26886

D, C, e, $C^W$ & E antigens in human blood platelets (Fr) 26947

electrophoresis (Bul) 45289

electrophoretic fractionation in comparison of pure fractions in human serum (Cs) 38152

erythrocyte-borne antigen causing resist. to implantation of tumor graft 47565

H antigens of E. coli, characterization 2567

heart-specific antigens in embryonic & postnatal chicks (Rus) 1757

immunol. tolerance in rats to type specific antigens of human erythrocytes 44086

in crystalline diphtheria toxin-protein 2056

induction of tolerance in rat homografts by pooled antigen, age factors 30661

lipid haptens of human epidermoid carcinoma grown in rats 38062

lipid hapten of rat lymphosarcoma, chromatographic behavior & dependence of in vitro measurements on lipid interactions 38061

nephrotoxic antigens in extraglomerular tissues of dogs 11744

new thermo-labile antigens in Enterobacteriaceae, characteristics 54381

of fraction of human serum soluble in 2/3 saturated ammonium sulfate 28427

of rabbit semen 20756

of Salmonella aberdeen, luciana, venezuana, gaminara & memphis, chem. composition (It) 21475

organ-specific antigenicity of inositol phosphatide (Ger) 33970

placental antigens, determ. in blood of pregn. women (It) 44165

platelet antigens (Fr) 10356

polysaccharide antigens from tuberculin, eff. of heat on hemo-sensitizing power (Fr) 48935

polysaccharide antigens of M. tuberc., immunochem. analysis (Ger) 8785

prep. of protein antigen from lepromin for study of hypersensitivity in leprosy 16355

purified Vi antigen, admin. in typhoid fever during antibiotic & prednisone ther. (It) 13924

R antigen specific for group A type 3 streptoc. 5001

tissue antigen fixation of complement in rheum. (Hun) 7708

tissue-specific antigen distribution in centrifugal fractions of rat liver 52349

virus antigen, particle size of antigens prepared from bluetongue virus infected suckling mouse brain 9780

## ANTIHISTAMINICS

*see also* DIMENHYDRINATE

*see also* DIPHENHYDRAMINE

*see also* ETHYLENEDIAMINES

*see also* IMIDAZOLES

*see also* PHENOTHIAZINE

*see also* PROMETHAZINE

*see also* TRIPELENNAMINE 2258

10-(3-dimethylaminopropyl)thiophenylpyridylamine, pharmacol. (It) 51966

***determination***

chromatography & electrophoresis (It) 27426

***effects***

acetylcholine, histamine-inhib. in guinea-pig ileum 9781

benzhydryl ethers on carbohydrate metab. of rat cerebral cortex slices, influence of histamine 310

chlorcyclizine & cyclizine-induced drowsiness, comparison 40440

chlorpheniramine & its optical isomers, pharmacol. comparison in vitro & in vivo 41287

cyclizine o-methylated deriv. on exper. auric. arrhythmias in dogs 13431

diazoline, on exper. Salmonella typhosa intoxication in rabbits (Rus) 3577

hydroxydione succinate, antihistaminic eff. (It) 37460

inhib. of serotonin 55074

inhib. of various biologically active amines with smooth musc. contracting eff. in rats (It) 13977

mepyramine suppression of increased capillary permeability in thermal burns in rats 19595

on blood sedimentation, diag. value (Ger) 45972

on blood sugar (Rus) 49423

on clot retraction in human blood in vitro (Fr) 13452

on exper. arrhythmias in dogs & on action of veratrine on frog musc. 40078

on exper. burns in guinea pigs 14277

on fibrin form. from fibrinogen 14602

on hypothalamus, histol. aspect (Rus) 39346

on mesenteric vessels & exper. shock after admin. of histamine-liberator 48/80 in guinea pigs & rats (Ger) 12191

phenyltoloxamine, tranquilizing eff., comparison with reserpine & placebo, double blind technic 12588

protective eff. of chloroquine (Fr) 2493

relation of structure to activity 2330

synapses on mesenteric vessels in pre-treatment of guinea pigs & rats, eff. of histamine-liberator 48/80 & reserpine (Ger) 12190

***injurious effects***

sandostene causing agranulocytosis 5312

***therapeutic use***

angina pectoris due to barbiturate allergy (Ger) 22820

4-(N-benzylanilino)-1-methylpiperidine in acrocyanosis of hand & foot (Ger) 39953

1-[2-(N-benzyl-N-phenyl)aminoethyl]-piperidine, clin. trials (It) 6898

2-(p-bromo-α-dimethylaminoethyl-benzyl)-pyridine, clin. evaluation 35901

2-(p-bromo-α-dimethylaminoethylbenzyl)-pyridine maleate in allergic disord. 16521

buclizine in vomiting in pregn., with belladonna alkaloid & vitamin B6 10997

chlorpheniramine gluconate in eye dis., with prednisolone (Fr) 14519

chlorpheniramine in allergic reactions to intravenous urography, comparison with diphenhydramine 19902

chlorpheniramine in allergy, comparison of racemic & dextro forms 50764

cyclizine in chronic psychoses 50855

cyclizine in nausea & vomiting, postop. prev. in cataract extraction 12971

dermographia 40278

10-(3-dimethylaminopropyl)-thiophenylpyridylamine (Ger) 42385

10-(3-dimethylaminopropyl)thiophenylpyridylamine in neurosurg. (Ger) 35588

10-(3-dimethylaminopropyl)-thiophenylpyridylamine in obst. & gyn. (Ger) 18972

10-(3-dimethylaminopropyl)thiophenylpyridylamine in pregn. toxemias (Ger) 18933

10-(2-dimethylaminopropyl)thiophenylpyridylamine premedication in surg. (Ger) 19059

diphenylpyraline in allergy (Por) 16145

doxylamine succinate-dicyclomine-vitamin B6 prep. in nausea & vomiting in pregn. 4317

doxylamine succinate in schizophrenia, pitfalls in evaluation 50908

eye dis., indic. (Ger) 28919

gingival hyperplasia caused by diphenylhydantoin, failure 7419

histaminazoprotein in asthma (Ger) 12199

meclizine-nicotinic acid prep. in Ménière's dis., eff. on neurolabyrinthine mechanisms 21510

meclizine with oxalic acid in control of postop. vomiting (Ger) 35951

pheniramine, pyrilamine & phenylephrine tannates in pruritus 1286

phenyltoloxamine-acetophenetidin-caffeine-salicylamide prep. in headache & pain after tooth extraction 8670

phenyltoloxamine as daytime sedative or tranquilizer 30175

positional alcohol nystagmus, quantitative tests 35314

prev. of fetal erythroblastosis by maternal admin. (It) 54257

prev. of postvacc. antirabies compl. (Rus) 45231

1-(3-pyridyl)-1-(p-bromophenyl)-3-dimethylaminopropane maleate, clin. trials in allergic dis. (It) 29643

pyrilamine potentiation of isoproterenol bronchodilation in ther. of bronchitis 18422

rodavan in prev. & ther. of postop. & postconcussional vomiting (Ger) 42318

sandostene-calcium prep. in allergic skin dis. (Sp) 3346

sandostene-calcium prep. in prev. of nonhemolytic blood transfusion reaction (Ger) 11048

sandostens in eczema & allergic skin dis. 2612

sandostene in vasomotor rhinitis, with methylphenidylacetate & tripelennamine (Cs) 14843

sanergine in allergic dis. in child. (It) 42763

seasickness, double-blind study 36595

thiazinamium in spastic hypertrophic pyloric stenosis (Ger) 41593

vomiting (Ger) 42307

with meprobamate in prev. of surg. stress (It) 11829

## ANTIMALARIALS

*see also* CHLOROQUINE

*see also* CINCHONA ALKALOIDS

*see also* QUINACRINE

*see also* QUINOLINES

1-(p-bromophenyl)-2, 4-diamino-1, 6-dihydro-6, 6-dimethyl-s-triazine, pharmacol. & tox. 4168

***administration***

pyrimethamine, intravenous inject., penetration into ocular tissue of rabbits 11683

***effects***

amodiaquin on vasc. responses to arterenol, epinephrine & acetylcholine in dogs & cats 4182

amopyroquin, pharmacol. & eff. on exper. malaria 1292

on endocrine glands in female rats 9473

primaquine & related cpds., hemolytic eff., review 48054

primaquine, hemolytic eff. in favism (It) 42601

primaquine-sensitive hemolytic anemia, biochem. & genetic aspects 1136

primaquine sensitivity of humans, relation to coenzyme I & II activity of erythrocytes 31400

pyrimethamine on exper. toxoplasmosis in mice, alone & with marbadal with sulfamerazine (Ger) 34329

pyrimethamine on toxoplasmosis of eye & brain in guinea pigs 93

***injurious effects***

amodiaquin causing agranulocytosis in ther. of disseminated lupus erythematosus (Dut) 52524

severe anemia during polycythemia vera ther. (Fr) 32187

***metabolism***

pyrimethamine in blood & urine following oral admin. 47270

***therapeutic use***

amodiaquin in arrhythmias 11066

amodiaquin in discoid lupus erythematosus (Sp) 9741

camoform in amebiasis 40018

lupus erythematosus, disseminated (Pol) 30864

primaquine in rheum. arthritis, with chloroquine (Dan) 10604

pyrimethamine in malaria, mass ther. 55063

pyrimethamine in polycythemia (Fr) 51143

pyrimethamine in polycythemia vera 21869

pyrimethamine in toxoplasmosis in pregn., with sulfonamides (Pol) 33677

pyrimethamine malaria, prev. with chloroquine in No. Cameroons (Fr) 14434

pyrimethamine-salt mixtures in sporozoite-induced Chesson strain vivax malaria in human volunteers 14458

quinocide (Rus) 18868

***toxicity***

pyrimethamine antag. by folic acid in chickens 29870

## ANTIMONY

lithium antimony-thiomalate causing optic nerve disord. & visual disturbances in schistosomiasis ther. 14318

Meiller antimony trioxide method of preserv. of gross specimens in color 10215

*therapeutic use*

antimony α,α',-dimercaptosuccinate in schistosomiasis 21832

antimony potassium tartrate in schistosomiasis japonica in China 14934

fuadin in demodicidosis in dogs (Pol) 33759

leishmaniasis, with cortisone & hydrocortisone supplement 2046

N-methylglucamine antimoniate in visceral leishmaniasis, ther. results as specific diag. test (Por) 16153

stibophen in trichinosis, cured case (Hun) 52980

***ANTIMYCIN** see* **ANTIBIOTICS**

***ANTIPYRETICS** see* **ANALGESICS AND ANTIPYRETICS**

***ANTIPYRINE** see* **AMINOPYRINE, *related compounds***

***ANTIRETICULAR CYTOTOXIC SERUM** see* **IMMUNE SERUMS**

## ANTISEPSIS AND ASEPSIS

(Sp) 32459

aerosol disinfect. & sterilization (Ger) 22841

anesth. ampullae ethylene oxide vapor sterilization 965

anesth. multiple-dose container sterility after repeated use 12845

anesthetic heat sterilization & equip. for complete decontamination 16615

annotated bibliog. (Rus) 11503

cannulae & syringe alcohol disinfect. (Ger) 49018

clothing & other object disinfection against Coxiella burnetii (Rus) 34635

conjunctival disinfect. in emergency eye surg. (Ger) 51275

cotton gown low pressure steam sterilization 41302

dent. air sterility 7685

dent. instrument, sterilization 40236

dent. needles sterilization in autoclave 6518

disinfection-shower establishments for military use (Rus) 22634

ethylene oxide sterilization 12365

fabric disinfect. with gaseous formaldehyde 40894

freon bactericidal aerosols for ships (Rus) 22624

hand disinfect. with halogen antiseptics, comparison with potassium permanganate & chloramines (Ger) 55688

heat sterilization, time curves of destruction for vegetative bact. & spores in dry & humid heat (Ger) 25220

hosp. & operating room asepsis 42858

hosp. antisepsis, ultraviolet air disinfect. in inf. wards (Ger) 6015

hosp. asepsis 42140

hosp. sterilization in Gt. Brit. 37705 41873

hosp. sterilizer maintenance 40044

hosp. sterilizers, testing of air-filters 41847

med. instruments sterilization with ethylene oxide (Ger) 6732

modernization of disinfecting establishments in Hungary (Hun) 19747

operating room disinfect., chem. methods 42465

pharmaceutic steriliser (Rus) 45889

polyethylene bag sterilization by electron irradiation & measurement of sterility by bact. monitor 40371

sterile ophthalmic solutions & lotions 26063

sterilization design & instrumentation for studying influencing factors 41301

sterilization methods in 3rd supplement in German Pharmacopeia, No. 6 (Ger) 13359

sterilization processes for destruction of bact. pyrogens (Ger) 53096

surface disinfection of Coxiella burnetii (Rus) 34634

surg. asepsis (Fr) 33418

surg. asepsis with resin of styrax benzoides & mercuric oxycyanide (Dut) 32796

surg. instruments sterilization by conducted heat 18405

surg. instruments sterilization by dry heat, determ. of death-time of spore-bearing pathogens 18404

surg., iodine-polyvinylpyrrolidone aerosol spray, indic. 35874

surg. scrub & hand disinfect., review (Ger) 38418

surg. sterilizer, pressure cooker type (Ger) 22764

thermometer disinfect. 25154

ultraviolet irradiation in prev. of aerogenic infect. in schools (Rus) 7934

vacc. cannulae sterilization (Ger) 52233

## ANTISEPTICS

***see also*** **FURAN DERIVATIVES**

***see also*** **PHENOLS**

amphoteric surface-active substances (It) 6836

antibact. principle from Indian medicinal plant Withania somnifera, isolation & activity 13340

bithionol, chelate form. with metal ions 5755

chem. disinfectants, review 25125

chrysarobin & 1,8-dihydroxyanthranol, stability in solutions (Ger) 43610

4-hydroxy-2-oxo-benzoxathiole, pharmacol. (Ger) 36936

organic nitrites (Ger) 1575

potassium permanganate in attempted abortion (Fr) 31069

β-propiolactone toxoiding of β-toxin of Clostridium perfringens for vaccine prep. 19686

β-propiolactone vapor 1311

requirements for suitable amount of bacteriostatics in inject. to prevent growth of microorganisms 41300

sanitised, evaluation (Fr) 54845

selection for freezing climate (Rus) 45862

skin antiseptics 41802

*determination*

biol. microtitration by combined dilution & diffusion on solid bact. nutritive media (Fr) 26766

bithionol, assay in solid & liquid soaps, emulsions & dusting powders 20314

*effects*

antibact. substances on Corynebacterium ovis in guinea-pig skin 14120

bithionol, mechanism of antibact. eff. 5756

chrysoidine monothiocyanate on pulm. tuberc. in guinea pigs (Ger) 25800

comparison against various bact. encountered in eye infect. 23858

3,6-diamino-10-methyl-acridinium chloride on mitosis in amphibians, review (Ger) 34406

mechanism of germicidal action by leakage of cell material & oxidative enzyme activity, eff. of cold 12479

oral antiseptics on buccal epithelial tissue, evaluation technic 4558

oral antiseptics on influenza viruses in vitro (Ger) 13653

potable water disinfection from E. coli, with ultrasonics (Rus) 3803

4-substituted 1,3-dihydroxy-2-naphthoic acids, antibact. eff. (Ger) 22997

virus inhib. eff. of propyl alcohol disinfectants, tested in ex-embryonated eggs (Ger) 25253

*injurious effects*

potassium permanganate & other corrosive vaginal douches, hazards of the use before & during pregn. 7633

potassium permanganate causing ocular burns, complexon & vitamin C ther. (Ger) 28901

potassium permanganate causing vaginal burns & bleeding in third trimester of pregn. 10995

rivanol causing contact dermatitis, case reports 38861

*therapeutic use*

anthralin aerosol in psoriasis (Ger) 34046

deocin, in miliaria skin infect. & in control of sweating & odor from bact. decomposition in tropics 48396

hexetidine in vaginal trichomoniasis 6990

hibitane 25138

4-hydroxy-2-oxo-benzoxathiol in acne (Ger) 39085

4-hydroxy-2-oxo-benzoxathiole in acne vulgaris, local admin. (Ger) 32974

4-hydroxy-2-oxo-benzoxathiole in facial seborrhea (Ger) 42300

## ANTISEPTICS, HALOGEN

***see also*** **IODINE**

calcium hypochlorite & chloramine T, pH dependence of dissociation & ionization of chlorate ion in various media (It) 19203

o-dichlorobenzene, bactericidic & bacteriostatic properties, comparison with other antiseptics (Sw) 30209

halogenated benzyl alcohols, prep. & testing 41314

trichloromelamine & iodized trichloromelamine germicidal rinse formulations, phys. & chem. characteristics & germicidal efficiencies 55134

*injurious effects*

2,4,5-trichlorophenol causing chloric acne (Fr) 47771

*therapeutic use*

chlorquinaldol in amebiasis (Sp) 18848

chlorquinaldol in bact. leukorrhea, clin. & bacteriol. culture analysis, statist. (Ger) 6663

chlorquinaldol in cervicitis, vaginitis & vulvovaginitis (Dut) 43022

chlorquinaldol in gastrointestinal dis. (Ger) 22867

chlorquinaldol in giardiasis in child. (Por) 4365

chlorquinaldol in intestinal amebiasis, colitis & enteritis (Ger) 55575

chlorquinaldol in leukorrhea (Sw) 54829

chlorquinaldol in leukorrhea caused by vaginal trichomoniasis & moniliasis (Dut) 43023

chlorquinaldol in proctitis caused by radium & x-irradiation (Ger) 55376

5,7-dichloro-8-hydroxy-quinoline in anogenital pruritus, with fludrocortisone & crude coal tar 12580

disinfect. of hands in polio., comparison with potassium permanganate & chloramines (Ger) 55688

iodochlorhydroxyquin hydrocortisone cream in nummular eczema 18797

iodochlorhydroxyquin-hydrocortisone cream in skin dis. 32908

iodochlorhydroxyquin in acute diarrhea, with formocibazol 4198

iodochlorhydroxyquin in skin dis. 36336

iodochlorhydroxyquin in skin dis. of foot, with hydrocortisone, topical admin. 4572

iodochlorhydroxyquin-tripelennamine-dimethyl-dodecyl-phenoxyethyl ammonium prep. in skin dis. (Sp) 53354

monoxychlorosene in oral hyg. for handicapped child. 20139

monoxychlorosene in prev. of recur. of cancer of colon & rectum 40950

## ANTISEPTICS, MERCURIAL

mercuric oxycyanide with resin of styrax benzoides for surg. asepsis (Bul) 32796

phenyl mercuric hydroxide, eff. on achromatic spindle & telophase nuclei in mitosis 49805

thimerosal eff. on succinic dehydrogenase of Monilia albicans & ther. use in skin fungus dis. 22915

thimerosal, eff. on vaccinia virus 45841

## ANTISEPTICS, QUATERNARY AMMONIUM

cetyl-trimethyl ammonium bromide flocculation test in blood sedimentation rate determ. (Fr) 51403

desogen in isolation of M. tuberc. from pathol. materials, with pepsin or pancreatin (Fr) 26689

interaction with certified dyes in solutions 40358

[N-methylpyridinium-(2-caprylamino-ethyl)acetate chloride] iodine complex hand disinfect. 10131

*effects*

benzalkonium chloride on antibiotic sensitive & resist. strains of Micrococcus pyogenes aureus 54706

desogen on Trichomonas vaginalis (Pol) 33740

mechanism of germicidal action by leakage of cell material & oxidative enzyme activity, eff. of cold 12479

[N-methylpyridinium α-(2-caprylamino-ethyl) acetate chloride] iodine complex on antibiotic sensitive & resist. strains of Micrococcus pyogenes aureus 54706

on Pseudomonas aeruginosa, properties of sensitive & resist. strains 2565

on spore-forming bact., develop. of resist. mutants by progressively increasing concentrations (It) 16008

*therapeutic use*

bis-(dodecyl-trimethylammonium)-polythiosulfate in refractory alopecia seborrhoeica 42155

cetyl pyridinium bromide bath in trichomonas vaginitis using solutions of high concentration (Hun) 52024

cetyl-trimethylammonium bromide in ophth. (Fr) 24883

decamethylene bis-4-aminoquinaldinium in black hairy tongue 53290

decamethylene-bis-4-aminoquinaldinium in myasthenia gravis, unusual case with withdrawal sympt. 48266

decamethylene bis-4-aminoquinaldinium in skin infect. 14227

***ANTISERUM** see* **IMMUNE SERUMS**

***ANTISPASMODICS** see* **MUSCLE RELAXANTS**

## ANTISTREPTOLYSIN

diag. of focal tonsillar infect. (Ger) 49034

*determination*

in chorea minor (Ger) 27874

in rheum. fever, clin. statist. 36536

in slaughtered swine (Ger) 46267

O, in blood & parenchyma of tonsils (Pol) 30307

simultaneous presence of antistreptolysin & naturally acquired staphylococcal antitoxin in man (Fr) 3039

*in blood*

determ. after stabilization of reduced streptolysin O antigen 25147

determ. & variations in normal & in tuberc. guinea pigs (Fr) 3099

determ. in healthy & sick persons in E. Germany (Ger) 23007

distribution in protein fractions 7148

in chronic tonsillitis (It) 30686

in convalescent patients of scarlet fever (Ger) 42862

in newborn inf., transplacental passage (It) 20215

in rabbits treated with streptolysin-O, eff. of vitamin B12 (It) 26619

in rheum. dis., diag. value of determ. (Rum) 31141

in rheum. fever & heart dis. in child. (Rum) 31127

in rheum. heart dis. in child. (It) 29729

in skin dis. before & after ther. (It) 9288

in umbilical cord blood of premature inf. (It) 29127

non-specific antistreptolysin O in rheum. arthritis & tuberc. (Fr) 9241

O, in focal infect. of tonsils, diag. value of determ. (It) 52942

O in ment. disord. (It) 27661

O in neurol. dis. (It) 27662

O in normal subjects & non-rheum. dis. (Sp) 39969

O in tic in child. (It) 27660

O titers in normal subjects in Ancona, Italy (It) 43272

O titer in tonsillectomized rheum. patients, eff. of massage of tonsil site & comparison with leukocyte test (It) 44379

O titer, relation to pathogen. of anterior uveitis 34909

specificity (Fr) 9240

titer in man, determ. method (Fr) 21310

titers in uveitis 34914

*ANTITHYROID DRUGS see* THYROID ANTAGONISTS

*ANTITOXINS see* IMMUNE SERUMS

*ANTITUSSIVE AGENTS see* COUGH, *therapy*

*ANTRENYL see* PARASYMPATHOLYTICS

*ANTRUM OF HIGHMORE see* MAXILLARY SINUS

## ANTS

fire ants as occup. health hazards 4238

red ants causing urticaria papulosa 55132

## ANURIA

acute, diag. & ther. with & without hemodialysis (Ger) 33446

etiol. & ther. 20544

in backache, clin. & etiopathogen. aspects (It) 44381

post-ther., in leukemia 12331

***etiology and pathogenesis***

acetazolamide causing renal colic & anuria 26130

arsine pois. causing acute toxic insuff. (Ger) 11025

criminal abortion, with nephritis (Ser) 51723

diabetic acidosis causing transient oliguria, case report 10693

ganglioneuroma of ureter & solitary kidney, case report (Cz) 9456

postop. anuria caused by obstruct. of left ureter following radical surg. for primary tumor of right ureter, recovery (Fr) 41479

spontaneous perirenal hematoma, case report (Fr) 54048

thrombosis of renal artery (Rus) 45609

ureterocele, case report (Rus) 45610

***experimental***

eff. of kidney irrigation on oliguria in burns in dogs, role of renal innervation (Fr) 15152

histochem. & histol. eff. on various organs in dogs (It) 29698

in burned dogs after admin. of heated blood or erythrocyte extracts, antag. eff. of caffeine (Fr) 47736

in burns, eff. of adrenal cortex hormones in dogs (Fr) 13450

in burns, eff. of chlorothiazide in dogs 13451

postop., fluid & electrolyte changes in dogs 22028

serotonin metab. (It) 37353

***in infant and child***

caused by obstruct. of upper urinary tract by calculi & pyeloureteral stenosis (Sp) 37263

***in pregnancy***

with epileptiform fits in prolonged anuria, case report 2192

***metabolism***

blood & urinary 17-hydroxycorticosteroids in Debré-Marie nanism with oliguria (Fr) 30461

***physiology***

postop. anuria, physiopathol. (Ger) 27829

***therapy***

current ther. of anuria & oliguria 20482

postop. with hemolysis, ther., epidural anesth. 2620

## ANUS

physiol. & dis., review 22085

***abnormalities***

(Sp) 8964

atresia ani vaginalis 40997

atresia ani vaginalis in sheep, case reports 50288

atresia, genetic aspects (Ger) 47649

atresia, review (Pol) 43687

classif., symposium 53543

imperforate anus, surg., case reports & review (It) 47809

imperforate anus, types & surg. 54713

imperforate anus with atresia of colon 54701

posterior vaginal anus 23498

review (It) 46582

***abscess***

anorectal, radical surg. 40984

***diseases***

anitis, hemorrhoidal, ther., rhubarb prep. varemoid (Fr) 30973

anorectal disord., suppository & ointment ther. 18794

anorectal fissure & stenosis, plastic surg. 54766

fissure, ther. by inject. of pantothenyl alcohol (Fr) 2392

fissures, ther., procaine-alcohol block (Ger) 55707

genito-anorectal synd. in lymphogranuloma venereum (Rus) 36883

granuloma inguinale in passive pederasts 48247

inflamm., pathogen. & clin. manifest. 530

inflamm., radiother. (Fr) 40959

management of perianal skin dis. 3379

of posterior triangular space of anus, clin. manifest. & surg. 865

para-anal skin lesions, classif. 45080

pemphigus 39140

perianal sinuses, x-ray diag. (Fr) 54445

pruritus, chronic idiopathic, ther., amino acids 15948

pruritus, ther. 40290

pruritis, ther., fludrocortisone-antibiotic prep. 54543

pruritus, ther., fludrocortisone with crude coal tar & 5,7-dichloro-8-hydroxyquinoline 12580

pruritus, ther., malt soup extract 3883

***fistula***

anorectal & related fistulas 12585

anorectal of lateral anal sphincter, surg. indic. & technics (Ger) 40962

anorectal, with colloidal epithelioma of rectum, case reports (Fr) 1457

fistulotomy versus fistulectomy 16858

surg., indic. & technic (Sp) 40968

x-ray diag. (Fr) 54445

***foreign bodies***

causing proctitis with diarrhea (Ger) 49056

***innervation***

sensory nerve endings of anal region in man, histol. study 28626

***neoplasms***

clin. statist. (Sp) 20634

concealed pathol. as malignant potentials, surg. 40989

diag. & surg., follow-up statist. 27084

epidermoid carcinoma 37953

epidermoid carcinoma of anorectal junction, case reports 36996

granulomatous tumors of anorectal zone, incidence & rate of malignancy in Venezuela 22022

Paget's dis., ther., radiophosphorus (Rus) 10835

surg., rectosigmoid resection, technic (Sp) 43891

surg., technics 40980

ther., radium, indic. & results (Fr) 36667

with acquired hemolytic jaundice, hemochromatosis & lymphosarcoma, case report (Fr) 31908

with cancer of rectum, case report (Sp) 25954

***surgery***

classif. of surg. spaces (Sp) 39114

new-type dressing 24612

postop. pain control with caudal anesth. inject., indic. & technics 32526

ring retractor (Sw) 54811

***wounds and injuries***

anorectal, caused by blunt instrument (Dut) 19740

## ANXIETY

***see also*** NEUROSES, ANXIETY

(Por) 16482

as precursor of neuroses in child 35403

fear of becoming insane as type of anxiety 47193

of modern man (Fr) 26177

ther. & prev. during pregn. 43706

***effects***

on adrenocortical funct. 46449

on complex incidental learning 5027

on concept form. 5045

on intelligence 17148

on learning in child 16488

on learning, stability of verbal rate change 5048

on psychophysiol. complaints in postop. lobotomy patients 46450

on stimulus generalization 40865

on verbal conditioning 4387

on verbal learning 40820

on verbal performance 5044

***etiology and pathogenesis***

pheochromocytoma, case reports 11640

vestibular disord., case reports 6132

***physiology***

psychophysiol. relation to musc. contraction (Fr) 31916

***psychology***

clin. criteria of anxiety & correlation with psychol. anxiety scales 17173

ego & id in anxiety, psychoanalytic theory 44236

Eysenck's personality theory in dynamics of anxiety 37581

manifest anxiety, relation to mother-son identification 4907

manifest anxiety scale, relation to self-concept scale for child. 26574

psychoanalytic theory of pain, fear & anxiety & their interrelation 44235

psychodynamic relation of degree of anxiety to other clin. sympt. 5459

relation to guilt & shame 23415

unitary or multiple variables in concept of anxiety 17149

***therapy***

benactyzine 3390

benactyzine (Cz) 26518

hydroxyzine in anxiety & tension 17295

hydroxyzine in work-disturbing anxiety states (Ger) 51794

meprobamate in outpatients, controlled trial 41222

meprobamate, in patients of ment. hyg. clinic 50448

meprobamate in restlessness 3165

meprobamate, results (Ger) 3273

meprobamate with reserpine (Fr) 32270

petrichloral 21806

trifluoperazine for emotionally disturbed office patients 49196

triflupromazine 43714

## AORTA

catheterization of abdom. aorta, technic & results (Sp) 12995

***abnormalities***

***see also*** COARCTATION OF AORTA

aortic arch abnorm. 3027

aortic arch abnorm. with aneurysms & postductal coarctation in inf. 22171

complete interruption of aortic arch 41269

dextroposition, x-ray differ. diag. from tumors of mediastinum (Fr) 29144

double aortic arch, surg. (Rus) 10751

hypoplasia 46874

hypoplasia of abdom. aorta in 51-year-old man, with congestive heart failure 30235

vasc. ring form., case reports (Dut) 10640

vasc. ring form. causing congen. stridor, surg. (Dan) 10643

vasc. ring form. causing stridor in inf., case reports (Dan) 10639

***anatomy and histology***

aortic arch topographo-anat. for puncture (Rus) 51176

aortic elastic tissue in aged, morphol. & chem. analysis (It) 26508

circumferences & diameters in normal adult Brazilians (It) 47794

elastic fibers, polarization microscopy 19575

thoracic, minute structure in honey bee (Ger) 55617

***diseases***

(Sp) 53958

acute obstruct. causing gangrene of legs, bilateral amputation (Rus) 6008

aortic arch synd. 46863

aortic arch synd. (Bul) 32789

aortic arch synd. (Fr) 31099

aortic arch synd. (Ger) 6717 12083 35595 49636

aortic arch synd. (It) 6791 11956

aortic arch synd. (Rus) 41606

aortic arch synd. (Sp) 952

aortic arch synd., arteriography 31587

aortic arch synd., case report (Fin) 27287

aortic arch synd., ocular manifest. (Fr) 26380

aortic arch synd., surg. 5880

aortic arch synd., with homolateral paralysis of recur. laryngeal nerve (Sp) 8816

aorto-iliac occlusion, surg., methods 1233

aorto-iliac thrombosis causing hypertension, case report 51328

arteriosclerosis, clin. manifest., review (Sp) 39971

arteriosclerosis eff. on elasticity patterns (Ger) 33996

arteriosclerosis of abdom. aorta (Sp) 20636

arteriosclerosis, surg., use of nylon bifurcation grafts 22735

arteriosclerosis with spontaneous parietal hematoma, case report (Fr) 51402

arteriosclerotic occlusion of branches of aortic arch (Sp) 6599

causing neurol. synd. (Rus) 28806

diag. & management 22907

diffuse intimal thickening in normal aging, application to pathogen. of superimposed arteriosclerosis 12464

dilatation, idiopathic, assoc. with hered. telangiectasis (Sp) 25672

dissecting hematoma with hemopericardium, case report (Fr) 29139

dissecting necrosis of media in cases of hematoma of interauric. septum, pathol. (Fr) 36672

ectasia of descending thoracic aorta in patient with kyphoscoliosis (Fr) 36692

embolism at bifurcation, surg. (Rus) 18201

embolism of abdom. aorta, late embolectomy (Cz) 9433

embolism, saddle, case report 6967

exper. epinephrine-induced, histol. & histochem. study of mucopolysaccharides (It) 27360

hypoplasia in primary pulm. hypertension (Fr) 7047

intimal hemorrh. in normotensive & in hypertensive men, postmortem incidence 28956

Leriche synd. (Fr) 51366

Leriche synd. in brothers 17555

Leriche synd., premonitory sign 29347

Leriche synd. with hypertension, case report 46853

Leriche synd. with impotence as early diag. sign, mechanism & relief by endarterectomy 5923

medionecrosis disseminata with rupt. of splenic artery aneurysm in pregn., case report (Ger) 23214

medionecrosis, histochem. 23465

medionecrosis, idiopathic, with fusiform aneurysm of ascending aorta, case report 24870

medionecrosis with dissecting aneurysm of thoracic aorta, case reports (Fr) 54057

occlusion 14693

postop. embolism of iliac arteries at bifurcation after mitral commissurotomy, embolectomy (Fr) 51381

saddle embolism in mitral stenosis, case report 49996

surg., immediate & remote results 10099

thrombosis & aneurysm of bifurcation (Fr) 31076

thrombosis, chronic aorto-iliac, anat. & radiol. aspects & case reports (It) 1094

***effect of drugs on***

arterenol on pressure flow-strength relation of ascending aorta in oligemic shock in cats (Ger) 11248

***fistula***

aorticoesophageal secondary to achalasia with megaesophagus & esophageal ulceration 30125

aorticoventric., traum., surg. 35922

***metabolism***

acetic acid & 3, 5-dihydroxy-3-methylvaleric acid, isotope study in aortas from human fetuses (It) 37454

acid mucopolysaccharides, electrophoresis 40878

calcium & phosphate precipitates in senile aorta, histochem. localization (It) 37426

cholesterol binding by aortic intima, eff. of hyaluronidase (Tur) 45481

cholesterol retention properties of normal & atherosclerotic intimas of aorta (Tur) 45479

cholesterol synthesis, eff. of gallbladder extract on rats 14019

cytochrome oxidase & succinic dehydrogenase activities of tissue samples from man, rabbit & dog 12570

lipids in calf aorta in vitro, controlling eff. of sex hormones & vitamins 15002

lipids in different stages of arteriosclerosis 41815

lipolytic & esterolytic properties, in various animals (Cz) 48628

mucopolysaccharides in cattle, funct. aspects, review 40879

potassium & sodium content in exper. hypotension induced by potassium defic. in rats 12563

protein, lipid & polysaccharide composition of dog aorta, eff. of allylamine, sex hormones & castration 35829

***neoplasms***

metastatic, from sigmoid carcinoma, surg., resection of abdom. aorta & common iliac arteries, with homografts 54711

***pathology***

endothelial changes & macrophage behavior in exper. atheroma in rabbits 5636

in ankylosing spondylitis, case reports 14036

***physiology***

collateral circ. form. after exper. ligation of aorta at bifurcation, eff. of various drugs (It) 1943

eff. of age & sex on appearance, cholesterol concentration & weight of chicken aorta 50589

eff. of aortic constriction on exper. atherosclerosis in rabbits 44073

eff. of compression, on ECG & hemodynamics in cats & dogs (Por) 3702

eff. of exper. ligation at iliac bifurcation, form. of collateral circ., eff. hydergine, 6-acetoxy-thymoxy-ethyldimethylamine & 1(p-hydroxyphenyl)-2-(1-methyl-3-phenyl-propylamino)propanol (It) 25700

eff. of exper. ligation on intracardiac pressures in dogs (Ger) 54927

eff. of resp. on intravasc. pressure in supra- & subdiaphragmatic descending aorta (It) 29640

eff. of temporary occlusion of thoracic aorta causing ischemic renal damage, prev. by hypothermia in dogs (It) 42632

mechanism of action of smooth musc. in aortic wall, model for illustration (Ger) 33944

movements of aortic wall in champion athletes, electrokymography 24861

postop. regen. of endothelium after removal of patch of cells, by scraping of inner surface in rabbits 5624

repair of exper. intimal inj. in normal & in hypercholesterolemic rabbits, eff. of cortisone admin. 48498

significance of chemoreceptors for toxic digitalis bradycardia in cats (Ger) 34009

***rupture***

causing hemopericardium & cardiac tamponade 30173

pathol. (Rus) 33250

***surgery***

anastomoses with fibrin ring in dogs (Cz) 9430

autogenous venous grafts of aorta in dogs 22076

clamping of abdom. aorta in surg. of femoral gluteal iliac aneurysms & hemostasis in abdom. surg. (Fr) 6310

exper. aorto-pulm. anastomosis in pulm. stenosis (Rum) 43990

exper. nylon & orlon grafts in dogs, eff. of chronic hypercholesterolemia 31444

exper., segmental resection with substitute nylon prosth. in dog, long-term results (Sp) 37381

exper., simple technic for isolation of ascending aorta from circ. system in dogs (Hun) 28709

replacement of segmental defects with knitted plastic tubes lined with autoplastic tissue, technic & early results (Ger) 37753

resection of aortic arch using bypass shunts 1221

retrograde coronary perfusion with hypothermia in open heart surg. of ascending aorta (It) 6800

thoracic, reconstruction with vasc. coupling device 51161

***transplantation***

arteriosclerotic changes in plastic & homol. grafts of thoracic aorta in dogs 22009

autograft for repair of aortic valve insuff. in dog (Sp) 2431

comparative hemodynamic eff. of homografts & alloplastic nylon grafts (Ger) 2438

exper. fresh autograft in superior vena caval replacement 22058

formaldehyde-preserved human aortic graft in inj. of abdom. aorta, 5-year follow-up 36960

homo & alloplastic transpl. (Ger) 38421

homografts & polytetrafluoroethylene-nylon prosth., eff. of exper. arteriosclerosis in rabbits 22035

homografts, postop. electroshock ther., indic. 12624

homograft replacement of main pulm. artery, indic. & technics 18122

homograft with aneurysm form. & rupt. into duodenum 23495

in cholesterol atherosclerosis in rabbits, fine structure of aortic endothelial lesions 702

lyophilized cobalt 60-irradiated sterilized homografts in dog, histol. changes 2432

postop. rupt. & thrombosis of homografts, repeated surg. with fatal compl. 34967

replacement grafts, surg. problems 10087

tissue response of fresh abdom. aortic implants into abdom. aorta in arteriosclerosis in dogs 46515

***wounds and injuries***

gunshot wound of right ventricle & aorta, spontaneous develop. of hemopericardium preventing death by hemorrh. by impending inflow of blood in heart, significance for induced cardiac arrest (Ger) 12052

regen. of lateral wds. in dogs (Rus) 51178

stab wound of ascending aorta, successful surg., case report 19892

## AORTIC ANEURYSM

abdom., case reports & surg. (Fr) 39837

abdom., diag. & surg. 29749

aneurysmal dilat. of aortic sinuses in coarctation of aorta, review & case reports 13167

circumscribed of ascending aorta (Fr) 36683

dissecting 28580

dissecting (Fr) 36687

dissecting, etiol., pathogen., clin. manifest. & surg. (Hun) 43446

dissecting, review 6623 41180

of bifurcation (Fr) 31076

thoracic, traum. saccular 15934

***case reports***

abdom. dissecting, in medionecrosis (Fr) 54055

acquired aortic sinus aneurysm caused by Hemophilus aphrophilus 12277

dissecting (Hun) 43447

dissecting (It) 52098

dissecting, case diagnosed in living person (Hun) 43455

thoracic 51419

***complications***

arteriosclerotic aneurysm causing aortocaval fistula, percutaneous translumbar aortography 8570

chronic healed dissecting aneurysm in patient of lung cancer & sudden heart failure 49995

complete dissection in Marfan's synd. 24329

congen., of Valsalva's sinus with perf. into right ventric. (Fr) 54061

dissecting aneurysm in congen. pulm. stenosis 48157

dissecting aneurysm, with fatal cerebral hemorrh., in 25-year-old man 50000

obstruct. of superior vena cava caused by aneurysms with syphilitic aortitis, case report (Sp) 1549

poststenotic in coarctation of aorta, with recur. paralysis & atelectasis of left lung (Ger) 382

pyloric stenosis caused by abdom. aortic aneurysm & perigastric inflamm. pseudo-tumor, case report (Fr) 1455

subacute bact. endocarditis & bicuspid aortic valve 52611

***diagnosis***

x-ray diag. of abdom. aneurysms (Fr) 41380

***etiology and pathogenesis***

Marfan's synd. with dissecting aneurysm (Sp) 8799

***experimental***

dissecting, technic of induction of dogs 54675

***in infant and child***

with postductal coarctation of aorta in inf. & other aortic arch abnorm. 22171

***manifestations***

pulse characteristics of abdom. aneurysm & of femoral artery distal to it 38491

***pathology***

dissecting (Rus) 33250

dissecting aneurysm of thoracic aorta, medionecrosis (Fr) 54057

fusiform, of ascending aorta, medionecrosis 24870

***rupture***

abdom., surg. & recovery in aged patient 51316

aneurysm of aortic homograft with rupt. into duodenum 23495

aneurysm of sinus of Valsalva, surg. & recovery (Fr) 36683

dissecting aneurysm of ascending aorta ruptured back into aortic arch with subacute bact. endocarditis 14042

impending rupt. of atherosclerotic aneurysm, resection & homograft replacement in poor-risk patient, case report 35884

incomplete, of dissecting aneurysm in Marfan's synd. (Fr) 47749

into esophagus, causing sudden death (It) 30672

into pulm. artery, case report 14074

lower abdom. with pain simulating ureteral colic & ecchymosis along healed lumbar incision for nephrectomy, case report 30873

progn., statist. (Ger) 55473

surg. of rupt. of congen. aneurysm of sinus of Valsalva, case report 26428

with subacute bact. endocarditis, in shotgun inj. of heart (Ger) 25817

***surgery***

abdom., excis. & grafting technics 41152

abdom., excis., with alloplastic prosthesis (Ger) 29096

abdom., resection 17567

abdom., resection of bifurcation & grafting (Fr) 42414

abdom., technics & results (Fr) 42505

arterial homograft in traum. abdom. aneurysm, case report 2850

descending thoracic, successful resection & graft under hypothermia (Fr) 51881

extracorporeal circ. during resection of thoracic aneurysm 2437

long-term results (Rus) 18197

resection of aorto-innominate aneurysm (Fr) 51882

sacciform aneurysm of thoracic aorta, case report (Sp) 43919

saccular aneurysm of ascending aorta, case of successful surg. (Sp) 36843

thoracic, resection 5895

2-1/2 years' survival of grafted abdom. aortic aneurysm, histol. 37649

wire tamponade, results (Ger) 41715

## AORTIC VALVE

***abnormalities***

atresia with endocardial fibroelastosis, case report (Sp) 21129

bicuspid aortic valve, with arteriosclerosis & stenosis & pulm. heart dis., clin. pathol. conf. 39569

bicuspid valve with subacute bact. endocarditis & aortic aneurysm, clin. pathol. conf. 52611

***diseases***

calcification, tomographic manifest. 48142

diag. by left cardiac catheterization, transbronchial approach (Por) 51640

diag., intracardiac phonocardiography 14977

embolomycotic aneurysm of femoral artery in patients with aortic valve dis., surg. ther. (It) 29563

insuff. 42503

insuff. & stenosis, surg., review 488

insuff., diag., left ventric. & aortic catheterization (Fr) 35604

insuff., diag. value of pulse sign in calf of leg (Ger) 39026

insuff., diag. value of venous pulse graphic registration (Ger) 42383

insuff., Hufnagel valve surg. 5879

insuff., pathol. 11793

insuff., preop. diag. by retrograde catheterization of left ventricle (Ger) 55549

insuff., with ventric. septal defect, case reports 24338

insuff., with ventric. septal defect, review & case reports 24337

regurgitation, measurement of degree by dye dilution technic 2909

regurgitation, surg. correction by conversion into bicuspid valve 35633

surg., aorta autograft for insuff. in dog, technic (Sp) 2431

***stenosis***

(Dut) 52517

acquired calcific, surg., commissurotomy, quantitative postmortem evaluation of valvular funct. by perfusion technic 18124

acquired, with mitral stenosis, direct vision surg. under hypothermia 54684

arterial pressure pulse contour & Valsalva maneuver in suspected stenosis 450

auscultatory signs (Fr) 31086

carotid artery pulse curves in (Ger) 12051

clin. classif. & surg. 4474

clin., hemodynamic & surg. aspects 38486

clin. picture 49865

compl., neurol. disord. 37814

congen., diag. & surg. (Ger) 39830

congen., sub-isthmic, angiographic diag., case report & review (It) 27441

descending, symptomatol. & diag. (Ger) 55548

diag. by indirect pulse recording, technic 24321

differ. diag. from left ventric. hypertrophy 12363

origin of poststenotic dilat., mechanical principles based on hydrodynamic tests in animals 26495

phonocardiography (It) 49578

subaortic, preop. diag. by selective left ventric. angiocardiography 10312

supravalvular 14965

surg., commissurotomy under direct vision 1246

surg., open valvulotomy, with hypothermia (Ger) 38429

surg., technic & instruments (Rus) 5976

surg., transaortic valvuloplasty in calcific stenosis, technic & statist. 41451

with arteriovenous aneurysm of lung (Fr) 45542

with coronary sclerosis, incidence (Ger) 26482

with epileptogenic encephalopathy, keratosis palmaris et plantaris & melanoderma (Fr) 9132

with mitral stenosis, indic. & contraindic. of surg. (Fr) 31116

with pulm. arteriovenous aneurysm, case report 38016

with texture disord. of pulm. vein walls in Turner synd. in genetically female subject (Ger) 13354

with ventric. configuration (Fr) 53428

***surgery***

autogenous lung oxygenation during cardiac bypass 489

direct coronary artery perfusion for open aortic valve surg. 16660

perop. sinusal standstill with ventric. automatism during retrograde perfusion of coronary sinus under hypothermia for direct surg. approach 5876

silicone rubber prosth., technic 18123

surg. anat. (Rus) 10744

## AORTITIS

abdom. mesaortitis, clin. aspects (Ger) 42244

acute malignant (Ger) 55471

chronic, idiopathic with severe & fatal aortic insuff. 10426

in ankylosing spondylitis 14402

insuff. in chronic idiopathic aortitis, case reports 10426

primary, in Negro child 34993

***AORTITIS, SYPHILITIC see*** **SYPHILIS, CARDIOVASCULAR**

***AORTOGRAPHY see*** **ANGIOGRAPHY**

***APC VIRUS see*** **ADENOVIRUS**

## APES

calcium orthophosphate crystals in bones, joints & soft tissues of gibbon, x-ray 51555

embryonic cranium of baboon (Ger) 33923

mimicry & laughter in chimpanzees (Fr) 8240

## APHASIA

***see also*** **ALEXIA**

5305

amnestic (Ger) 25393

cerebral hemorrh. causing cortical sensory aphasia (Ger) 46048

concept of latent aphasia based on vocabulary, response to lateralization of brain lesion 4383

diag. & prev. in child. (Fr) 9087

diag. & ther. (It) 6843

eff. of delayed auditory feedback on speech 21729

18th century scientist's observation of his own aphasia 14339

in polyglots, review (Pol) 30913

in temporal epilepsy (It) 9396

jargon aphasia, classif. based on disord. of word, sentence & paragraph form. 41191

language disord. in transcortical motor aphasia (Ger) 49615

learning ability in aphasic patients 17126

modern theories (Cz) 38347

neurol. assessment in child. 1192

progn. in relation to cerebral dominance & handedness 25982

Raven's Progressive Matrices, types of wrong answers chosen by aphasic cerebral palsied child. 40723

relation between self-correction & recovery 5821

relation to ment. sympt. 12593

speech rehabil. 4011

statist. interpretation 27037

ther. 50864

total sensory, disord. in sequence of acoustic, optic & tactile impressions (Ger) 52555

verbal, in 4-year-old child, with epileptic sympt. & ment. regression (It) 54275

with delusions 49628

with other ment. & neurol. disord. in child. (It) 27665

## APNEA

caused by succinylcholine, in brothers, case report 28963

caused by succinylcholine, relation of duration to admin. of blood or plasma (It) 14013

caused by tubocurarine chloride 35942

fetal, neonatal mortal. 50977

mechanisms of apnea in neostigmine-resist. curarization 12866

perop., etiol. & ther. 1210

postop. apnea, relation of muscle relaxants & other factors 35931

resuscitation appar., pendulum-rocker type for child. (Ger) 27697

## APOMORPHINE

antag. of phenothiazine tranquilizers (Fr) 15108

***APOPLEXY see*** **CEREBRAL HEMORRHAGE**

## APPARATUS AND INSTRUMENTS

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

***see also*** **FILTERS**

***see also*** **SYRINGES**

gas-flow meter 12279

mechanical-electric ordinate writer for registration of frequencies of rhythmic processes (Ger) 43009

new bandage scissors 4527

self-compensating pneumatic tourniquet 6151

semi-automatic appar. for laboratory prod. of ultramicropipet (Cz) 38187

vibration homogenizer for homogenization & comminution of particles in suspensions & dry state (Ger) 27918

## APPENDICITIS

(Sp) 42214

53280

(Dan)

acute (Sp) 39126

acute, errors in diag. & ther. (Rus) 41889

diag. & ther. (Sp) 42204

natural hist. & surg. 22734

***case reports***

acute atypical (Bul) 28779

***complications***

acute, with infiltration, antibiotic ther. (Rus) 45168

appendicular infiltrate in non-operated cases (Rus) 51173

chronic appendicitis as causative factor in gallbladder dis. (Ger) 46004

inflamm. of Meckel's diverticulum & intestinal obstruct., with acute abdom. (It) 53782

liver disord. (Rus) 41516

perf., ther. chloramphenicol & streptomycin alone & with sulfonamides (Ger) 11371

perinephritic phlegmon, case report (Fr) 31966

peritonitis, chlortetracycline ther. (Cz) 21552

ulcero-hemorrhagic (It) 51979

***diagnosis***

appendicular test of erythrocyte sedimentation after appendicular massage (It) 27650

correlation of clin. diag. & histol. findings in appendectomy specimens (Sp) 31825

diag. problems & indic. for surg. (Ger) 11023

inj. eff. of antibiotic ther. before diag. 36328

***differential diagnosis***

acute, from mesenterial lymphadenitis (Ger) 45793

apoplexy of ovaries (Rus) 18258

effectiveness of tissue committee in diag. of acute appendicitis in small hosp. 12708

fallopian tube calculi simulating acute appendicitis, case report 14405

oxyuriasis of appendix 41024

ruptured hydronephrotic kidney, case report (Sp) 53328

torsion of greater omentum (It) 9271

twisted pedicled serous cyst of omentum (It) 27630

***etiology and pathogenesis***

abdom. trauma (Rus) 45700

foreign body retention causing acute appendicitis, case report (Fr) 14371

influenza, Asian, case reports 44515

moniliasis (Por) 53853

ovarian dysfunct. causing appendicular dyskinesia 9478

retention of barium in appendix 23505

role of serotonin in pathogen. of attacks in neurogenic appendicitis (Ger) 48351

Salmonella & Shigella infect., in Indians 4200

***in aged***

statist. 2250

***in infant and child***

acute during measles, case reports (Pol) 7819

acute, perf. causing fatal peritonitis in 9-day-old inf. 21814

acute, relation to closed abdom. trauma (Rus) 45701

acute, value of leukogram (Pol) 30398

appendicitis-like cond., differ. diag. (Ger) 7091

clin., x-ray & pathol. comparisons in child. (Rus) 18220

diag. 7837

diag. (Ger) 6711

diag. & surg. 7839

isolation of Pasteurella multocida 074B from peritoneal pus, relation to other Pasteurella multocida strains 5675

pseudoappendicitis in otitis media (Ger) 22702

Pseudomonas aeruginosa appendicular peritonitis causing intestinal obstruct., surg., total plication of small intestine, Noble technic (Fr) 42411

*in pregnancy*
- acute, surg. (Fr) 26246
- diag. 24512
- in labor, case report 3925
- perforative, with peritonitis (Dut) 30014

*manifestations*
- (Sp) 27242

*metabolism*
- desoxyribonucleic acid secretion 24854

*therapy*
- acute, results of early hosp. (Rus) 45207
- spermatic cord & round ligament block (Rus) 41537

*urine in*
- Kimbarovskii's latent color reaction, review (Bul) 16434

**APPENDIX** 9791

*calculi*
- clin. aspects & surg. (Ser) 23685
- coproliths in child., x-ray diag. 38803

*diseases*
- allergic synd. & appendicitis, etiol. & case report (It) 39530
- appendicular colic, ther., musc. relaxants (Rus) 45206
- dyskinesia of ovarian origin, physiopathol. (Fr) 27714
- granuloma, differ. diag. from cancer of cecum, pathol. 3145
- mucocele, case report 8012
- mucocele causing intestinal obstruct. (Rus) 41547
- mucocele, ceco-appendicular, case report (Fr) 18639
- mucocele, compl. & possible evolution to neoplasms (It) 20182
- mucocele, manifested as recur. abscess in right groin 12717
- mucocele with pseudomyxoma peritonei & inguinal appendicocele, case report (It) 15890
- mucocele, x-ray diag. with double contrast method 11882
- myxoglobulosis (Ger) 2286
- oxyuriasis simulating appendicitis 41024
- oxyuris granuloma (Ger) 42347
- spontaneous amputation after peritubal hematocele, differ. diag. from tubal pregn. (It) 15031
- strangulation in hernial sac in congen. inguinal hernia (Rus) 32565
- submucosal prolapse (Ger) 23112
- ther. colimycin (It) 52024

*neoplasms*
- adenocarcinoma, pathol. 2146
- carcinoid, with total eversion of appendix (It) 51980
- classif. & case reports (Sp) 21179
- lymphosarcoma of ileo-ceco-appendicular region, pathways of spread (It) 53771
- primary adenocarcinoma 23695
- primary, case reports 12583
- with cancer of stomach, recur., total gastrectomy with right hemicolectomy 52684

*physiology*
- phagocytosis, eff. of x-rays in rabbits (Rus) 6845

*rupture*
- into iliac vein with severe hemorrh., case report (Ger) 23207

*surgery*
- (Hun) 52910
- compl., surg. inj. to ureters (Rus) 10724
- early postop. intestinal obstruct., case report (It) 20990
- eff. on serum proteins, electrophoresis (It) 53769
- incidental appendectomy in gyn. & obst. surg., indic. & techniics 43311
- indic. & contraindic. for appendectomy under suboptimal cond. 45548
- modern trends (Rus) 5947
- postop. chronic ileocecocolic intussusception, case report (It) 39677
- postop. colimycin ther. (It) 52013
- postop. infect. of abdom. cavity, prev. (Rus) 5951
- postop. intestinal obstruct. (Fr) 50776
- postop. intestinal obstruct. caused by mesoappendiceal band, case reports 5397
- postop. intestinal occlusion in child., management (Fr) 31975
- postop. penicillin & streptomycin, intraperitoneal instillations (Ger) 6714
- postop. refractory appendiceal stump, ther., extraperitonealization & peritoneal flap (Ger) 23206
- postop. right atelectasis (Bul) 32748
- postop. subacute myositis of large abdom. musc., case report (Fr) 14361
- postop. wound suppuration, prev. (Rus) 5950
- technic, problems (Rus) 54557
- tissue committee in justification of appendectomy 11802
- with antibiotic ther., postop. mortal. & morbidity (Fr) 9112
- with simultaneous inguinal herniorrhaphy 47596

**APPETITE**

*see also* HUNGER
- depressants, ther. of obesity 24719
- depression with phenemetrazine in diabetes mellitus (Ger) 32968
- eff. of epinephrine & histamine on aggression & regression in terms of appetite 17051
- eff. of preprandial ingestion of small quantities of sugar, protein or fat substances on appetite (Fr) 24878
- eff. of testosterone propionate in normal rat 39192
- in child. (Dut) 7322
- method of testing anorexigenic properties of drugs (Ger) 40191
- neuropsychol. aspects (Fr) 15829
- physiol., determ. of funct. relation between digestive center & motor center of stomach in dogs (Rus) 33631
- physiol. regulation of food intake 569
- stimulation with iproniazid in pulm. tuberc. 49776

**APPETITE DISORDERS**
- anorexia, differentiation from anorexia nervosa, causes & psychodynamics (Fr) 36128
- anorexia in child., organic & psychic aspects (Sp) 31038
- anorexia in child, ther., molybdenum-vitamin T prep. (Sp) 21143
- anorexia nervosa as somatic disord. 14697
- anorexia nervosa, classif. (Fr) 36135
- anorexia nervosa in adolescent 37577
- anorexia nervosa in adolescents (Rus) 34804
- anorexia nervosa in child. (Fr) 48418
- anorexia nervosa in child. with kidney disord. (Fr) 16376
- anorexia nervosa, psychosomatic aspects (Ger) 42340
- 46025
- anorexia nervosa, serial electroshock ther. (Hun) 40047
- geophagia causing liver cirrhosis 24287
- loss of appetite causing growth disord., ther., magnesium molybdate-vitamin B 12-vitamin T prep. (Sp) 39973
- overeating causing vasc. degen. 40250
- phenmetrazine as depressant of excessive appetite in ment. disord. (Dut) 52514
- pica in etiol. of lead pois. 20263
- polyphagia, rare case with transitory gastric dilatation (Ger) 22645
- post-infect. anorexia, ther., vitamin BT, eff. on blood (Fr) 32393

*APPLES see* FRUITS

**APRAXIA**
- congen. oculomotor apraxia in adult male 671
- relation to ment. sympt. 12593
- walk apraxia (Rus) 34813

*APRESOLINE see* HYDRALAZINE

**AQUEOUS HUMOR**
- electrophoretic analysis in enucleated eyes 23063
- radioelectrophoretic patterns after intravenous inject. & hyperglycemic normal rabbits 24561

*effect of drugs on*
- acetazolamide, failure to demonstrate change in tonicity 35386
- hyaluronidase & pilocarpine alone & together on aqueous veins in normal & in glaucomatous patients (It) 37444
- pentolinium tartrate on dynamics, failure to demonstrate activity by tonometry & tonography 12439

*effect of radiations on*
- beta rays on aqueous secretions in rabbits 47054
- x-rays on epinephrine content in rabbits (Rus) 37183

*metabolism*
- bicarbonates in rabbits 47052
- glucose, eff. of insulin & sulfonylureas (Ger) 22766
- protein content of one eye after removal of aqueous humor of other eye in rabbits (Ger) 24280
- proteins, eff. of acetazolamide in rabbits (Ger) 45953
- proteins in aqueous humor of anterior chamber in iritis in rabbits, electrophoresis (Pol) 28847

*pathology*
- aqueous floaters in differ. diag. of papillitis & papilledema 34908

*physiology*
- absorp. of ultrasound 23886
- alteration of normal aqueous humor form. inducing changes in zonula ciliaris & ciliary epithelium in rabbits, electron microscopy 24575
- blood-aqueous humor barrier, eff. of human tissue & tumor antigens on fluorescein permeability (Ger) 20861
- blood-aqueous humor Middlebrook-Dubos test in uveitis (Ger) 28932
- demonstration of serol. properties in uveitis by Ouchterlon's specific precipitation test in bulls & rabbits (Cz) 14826
- eff. of aging on dynamics 35776
- eff. of ciliary musc. on aqueous chamber filtration in accomodation (Ger) 12953
- form., relation to carbonic anhydrase, review 47035
- induced obstruct. of aqueous outflow causing increased intraocular pressure in rabbit 23885
- inflow variations at hourly intervals during day & night 23832
- osmotic pressure in exper. anaphylactic uveitis in rabbits (Ger) 20130
- outflow experiments in man & rabbits in vivo & in vitro 23833
- outflow, facility through trabecular meshwork of eye 11676
- outflow patterns of cat eye 47053
- resist. to flow, clin. measurement (Fr) 25509
- secretion & outflow facility decline with age 24547
- serol. changes in exper. hyperergic iritis in rabbits (Cz) 38304
- tonic substance following stimulation of trigeminal nerve in rabbit (Cz) 38305

**ARABINOSE**
- D- & L-arabinose, eff. of insulin & glucose in normal dogs 34042
- arabitol prod. by Zygosaccharomyces, eff. of various factors 1310

**ARACHNIDA**

*see also* MITES

*see also* SCORPIONS

*see also* SPIDERS

*see also* TICKS
- hosts of filarial nematodes, review 25088
- Laminostopes acysticola infect. of chickens (Pol) 33760

**ARACHNIDISM**
- Latrodectus tredecimguttatus bite, blood residual & intermediate oxidation (Rus) 18881
- necrotic in U. S. 5719

**ARACHNODACTYLY**
- autopsy findings of father leading to diag. of arachnodactyly in son 16632
- case report & ocular manifest. (Fr) 14490
- congen. enlargement of spinal canal, x-ray manifest. 14146
- in 4 generations 102
- Marfan's synd. (Dan) 22414
- Marfan's synd., cardiovasc. manifest. (Fr) 36364
- Marfan's synd., microform (Ger) 28924
- Marfan's synd., pathol. & hered. aspects 2276
- Marfan's synd., urinary hydroxyproline 28989
- Marfan's synd. with blood mucoprotein defic. 12354
- Marfan's synd. with complete dissection of aorta 24329
- relation to chamber angle in developmental glaucoma 7002
- with autopsy & review 34885
- with cardiovasc. dis. (Fr) 53416
- with cysts of mandible with multiple basal cell carcinoma, case report 20388
- with dissecting aortic aneurysm (Sp) 8799
- with dissecting aortic aneurysm & incomplete rupt. (Fr) 47749
- with pseudotruncus arteriosus & brain abscess (Hun) 52889

**ARACHNOID**

*see also* SUBARACHNOID HEMORRHAGE

*see also* SUBARACHNOID SPACE

*anatomy and histology*
- fine structure of arachnoid in rats (Ger) 34417
- granulations & their orientation in man 23567

*cysts*
- cisterna magna & vermis cerebelli regions (Rus) 34746
- proliferation assoc. with cystic form. in spinal nerve-root pouches 50950
- sacral cyst causing sciatica, case report (Fr) 21388

*diseases*
- arachnitis & arachno-encephalitis in influenza, calcifications as seq. (Rus) 55308
- arachnitis caused by surg. of acoustic tumors 44042
- arachnitis causing hypesthesia of acoustic nerve, surg. (Hun) 4133
- arachnitis in monkeys after contamination of spinal anesth. needles & syringes by detergent washings 16614
- arachnitis, serous spinal, simulating protruded lumbar intervertebral disk 1226
- arachnitis, surg. anat. of posterior cranial fossa (Rus) 32660
- opto-chiasmatic arachnitis, cystic forms (Rus) 10946
- spinal arachnitis caused by meningeal tuberc. after intrathecal streptomycin ther. (It) 27678

***neoplasms***

melanoma, primary, of leptomeninx in inf., carcinogenesis (Ger) 23115

***pathology***

in neurocirculatory asthenia, mediation in organ selection in neuroses 39371

in peptic ulcer, mediation in organ selection 39372

***physiology***

hypothalamic nerve fibers in pia-arachnoid tissue of cat, degen. pattern after hypothalamic lesion 49371

***ARECA see*** **BETEL**

***ARECOLINE see*** **PARASYMPATHOMIMETICS**

***ARFONAD see*** **AUTONOMIC DRUGS**

**ARGENTAFFINOMA**

***see also*** **MALIGNANT CARCINOID SYNDROME**

41083

(Ger) 55402

carcinoid of appendix with extensive metastases, results of cardiac catheterization & autopsy 27099

carcinoid of appendix, with total eversion of organ (It) 51980

histochem. reactions relating to serotonin (It) 14017

of Meckel's diverticulum 24797

secretion of serotonin by argentaffinoma (Fr) 4823

serotonin metab. 50807

stomach (It) 1519

tryptophan metab., review 20013

***ARGINASE see*** **AMIDASES**

**ARGININE**

***deficiency***

causing cytopathol. changes in liver cord cells of chicks 5544

***determination***

in human & bovine spermatozoa, quantitative determ. by microspectrophotometry & interference microscopy (Ger) 49913

Sakaguchi reaction with filter paper chromatography, determinants 13391

***effects***

protection of rats against ammonia tox., influence of route of admin. 1359

***metabolism***

degradation after parenteral admin. of radiocarbon-labelled arginine in rat (Fr) 48839

degradation by Micrococcaceae 4725

in insects, relation to catalase & amino acid oxidase activities (Fr) 26396

oxidation by amino acid oxidase in Limnaea stagnalis (Fr) 15114

oxidation by guanidobutyramide in Limnaea stagnalis (Fr) 15115

oxidation in insects, relation to catalase & amino acid oxidase activities (Fr) 3073

requirements of chick embryonic heart fibroblast cultures for growth, replacement of arginine by related cpds. 4763

requirements of inf. 46530

***related compounds***

arginosuccinic acid synthesis, reversibility & enzyme mechanisms 40510

benzoyl-L-arginine ethyl ester, kinetics of hydrolysis by papain 40496

δ -guanido-n-valeric acid detection in human urine (Fr) 1699

***therapeutic use***

hepatic coma 10436

hepatic encephalopathy, limited ther. value 571

**ARM**

***see also*** **AXILLA**

***see also*** **ELBOW**

***see also*** **FOREARM**

***see also*** **HUMERUS**

brachial tissue measurements, relation to skin folds & growth 721

***abnormalities***

unusual multiple congen. abnorm., case reports (Ger) 34571

***anatomy and histology***

musc., nerv. & vasc. morphol. (Sp) 16118

***blood supply***

arterial variations 54499

blood flow in resting arm during supine leg exercise 38618

relation of counterflow to heat exchange (Ger) 34029

***diseases***

abnorm. movements in spasmodic torticollis, surg. (Fr) 9157

brachialgia (Dut) 37032

brachialgia caused by cervical spine disord., ther., cervical traction (Fr) 11994

cervicobrachial synd., evaluation of occup. etiol., review & case reports (Ger) 11162

edema after mastectomy, prev. (Fr) 51878

lymphedema after mastectomy, ther. 11784

osteolysis, case report 4795

pain caused by cervico-dorsal spondylosis, balneol. & phys. ther. (Rum) 31128

pain, caused by fract. of thoracic vertebra (Ger) 392

pain of neurol. etiol. 50220

pain of visceral etiol. 50221

pain, phys. ther. 50223

painful cervico-scapulo-brachial synd. in coronaritis (Fr) 53380

palmar intramural thrombosis of ulnar artery 37952

post-mastectomy lymphedema of defluent phlebo-lymphatic vessels (It) 31661

***fractures***

in child., anesth., brachial block with lidocaine by axillary route 40315

pericubital, results & errors (Bul) 28733

phagocyte index (Rus) 51885

surg., postop. compl. of fract. consolidation 40953

***innervation***

compensatory adaptation of nerves (Rus) 13572

sympath. denerv., Smithwick method, in Buerger's dis. & Raynaud's dis. (It) 36967

sympathetic denervation, exper., value of different technics (Fr) 18556

topography of nerves of joints (Ger) 33919

***muscles and tendons***

eff. of various drugs on forearm musc. in myotonia atrophica (Fin) 49211

***neoplasms***

lymphangiosarcoma in lymphedematous arm following radical mastectomy 876

postop. lymphangiosarcoma after mastectomy 40060

radical transthoracic forequarter amputation in cancer 13323

rhabdomyosarcoma with metastasis to stomach (Por) 44452

***paralysis***

brachial biceps paralysis, surg., transposition of pectoralis major, technics 5237

partial, caused by inj. of left brachial plexus, reflexol. ther. (Por) 36905

pectoral transpl. for paralysis of flexors of elbow 50388

surg., technics for paralysis of flexors of elbow 50389

***radiography***

visualization of ulnar groove & carpal tunnel in skyline or silhouette projection 31610

***wounds and injuries***

accid., diag., ther. & medicolegal aspects 47287

avulsion of distal tendon of biceps brachii from radial tuberosity 32499

biceps brachii inj., etiol. & ther. (Rus) 10225

bilateral subcutaneous rupt. of tendon of long head of biceps (It) 25820

gunshot, causing traum. necrosis & thrombosis of humeral artery (Sp) 25944

nerve inj., surg., technics 11777

nerve inj., working capacity evaluation & employment (Rus) 34699

rupt. of long head of biceps brachii 21853

traum. avulsion, case report 37702

traum. necrosis & thrombosis of humeral artery caused by gunshot wd. of arm (Sp) 25944

**ARMED FORCES PERSONNEL**

***see also*** **AVIATORS**

***see also*** **VETERANS**

blood group determ. in Italian military personnel, regional variations (It) 19230

blood group distribution among Spanish armed forces (Sp) 51628

blood group types among Spanish armed forces, typing & statist. (Sp) 51628

body temperature in naval personnel in Arctic cond. (Rus) 22621

chest photofluorography in Italian military personnel (It) 19211

comparison of actual weights with ideal physiol. weights in military personnel (It) 19184

dent. health of naval recruits, relation to age 23320

dent. health of naval recruits, relation to amount of educ. 23323

dent. health of naval recruits, relation to frequency & regularity of dent. visits 23319

dent. health of naval recruits, relation to place of birth 23321

dent. health of naval recruits, relation to score on General Classif. Test 23322

dent. health of naval recruits, relation to tooth brushing habits 11539

Dependents' Med. Care Program, analysis of operation 16643

disinfection-shower establishments for military use (Rus) 22634

educ. problems of child. of U.S. Army personnel in Europe 6440

eff. of oxygen on efficiency & accuracy of artillery men (Fin) 32484

eff. of phys. training on blood constituents in preliminary period of military service (It) 19182

eye exam. in recruits (Ser) 10925

food supply plan for German Federal Army based on findings of nutritional physiol. (Ger) 25256

med. & soc. status of recruits (Fr) 37782

med. aspects of selection of diving personnel for Danish Navy (Dan) 19138

medicare program for armed forces & their dependents 33090

ment. & phys. fitness for air force serv. (Fr, Dut) 48552

paracusiasis, blood coagulation indices (It) 37488

phys. develop. & morbidity of soldiers (Rus) 45893

phys. fitness & med. selection of non-flying personnel (Fr, Dut) 46561

preserved food enrichment with vitamin C (Rus) 10889

Royal Army Med. Corps, personnel health 18037

Schick test results in Royal Air Force boy entrants 44260

selection of drivers (Ger) 10903

weight-height of World War II selectees 49979

***diseases***

abdom. wds. in military personnel in Algeria, statist. (Fr) 42441

accid. in soldiers, prev. (Rus) 45851

accid., prev. (Rus) 45850

acute nephritis in Finnish armed forces (Fin) 54492

acute nontuberc. bronchopneumopathies in Fr. Army personnel (Fr) 50784

acute resp. dis., evaluation of adenovirus vaccine for prev. 553

acute resp. infect. in Air Force recruits, epidemiol. parameters 16268

adenovirus infect. in Finnish army, 1958 epidemic (Fin) 54494

alcoholism in Fr. naval personnel prev. & control, statist. (Fr) 31940

allergy in Netherlands army (Dut) 29931

arteriosclerosis obliterans, diag. (Rus) 45681

Asian influenza, epidemic among Fr. military personnel in Germany (Fr) 21254

Asian influenza in Brit. soldiers 41417

Asian influenza in Italian army (It) 27648

Asian influenza in U.S. personnel, statist. 45550

Asian influenza outbreak in U. S. Marines in Okinawa in 1958 50191

Asian influenza, vacc. trials 1161

Asian influenza with asympt. myocarditis (Sw) 32976

burns & frostbite (Dan) 45510

burns, surg. under war cond. (Dan) 22448

Coxsackie virus group B resp. infect. 23312

disability evaluation of U. S. personnel, resp. funct. tests in compensation consideration, statist. 10688

dysentery in personnel of Afrika Korps in World War II (Ger) 45785

epidemic hemorrh. fever rates among troops in Korean war 550

eye dis. & visual disord. causing limitation of or exclusion from military serv. in Italy, statist. (It) 1111

eye inj. by wire (Rus) 22631

goiter in conscripts, statist. (It) 19196

goiter, statist. (It) 19195

hearing disord. caused by noise, prev. 6439

hearing loss survey among personnel of U.S. Army armored units 38664

heart dis. in Fr. military personnel, prev., mass survey technic (Fr) 14364

heat casualties among Brit. forces, statist. 41424

helminth infect. in soldiers & marines of Santa Catharina, Brazil (Por) 31856

hepatitis, infect. & post-arsenical in Burmese & Indian troops 48407

infect. dis. in military districts of Bologna & Florence (It) 39702

infect. dis., late seq. (Ger) 52268

infect. hepatitis in Italian navy personnel (It) 19212

infect. hepatitis in Italian Navy personnel (It) 34946

influenza in Brit. Naval personnel stationed in Hong Kong & Singapore 41431

influenza in military personnel in Switzerland (Ger) 45780

interrelations between gingivitis, dent. caries, body constitution, intelligence & place of residence in 15-year-old Royal Naval entries 41427

malaria in military personnel of Ghana 10974

malaria in U. S. personnel in Okinawa 45563

ment. disord. in U. S. military personnel, controlled psychiatric study of personnel at sick call 45561

ment. disord., prev. & ther. (Fr) 54015

myocardial infarct in regular Canadian Army, statist. 51565

myopia as a military impediment (It) 27649

neurocirc. asthenia, military & medicosoc. medicolegal aspects (It) 19208

19209

non-med. correlates of med. complaints on sick call 55996

peptic ulcer in personnel of Royal Canadian Navy 39015



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

polio. vacc. of U. S. military personnel in Europe, voluntary program 18718

psychic synd. of dysadaptation in young men in army as consequency of irrational phys. training (It) 19225

pulm. infiltration & fibrosis, risk of develop. into pulm. tuberc. 44

pulm. tuberc. among Fr. recruits in Germany (Fr) 21255

pulm. tuberc., control by routine photofluorographic screening in Navy 49181

pulm. tuberc., expert testimony in demonstrable preinfect. (Ger) 42294

pulm. tuberc. in Brit. soldiers, pneumonectomy statist. 41414

pulm. tuberc. in Italian military personnel, medicolegal aspects of cases cured in army (It) 19204

resp. viral infect. in Royal Air Force personnel 2209

rheum. fever in Italian military personnel, statist. (It) 19205

rheum. fever in U. S. armed forces during World War II 23471

scabies (Ser) 10926

schizophrenia in U.S. overseas Marine Corps 42466

serofibrinous pleurisy & pulm. tuberc., bronchoscopic diag. & ther. (Fr) 9253

thyroid dis. in Fr. military personnel (Fr) 31942

tumors as serv.-connected dis., establishment (Ger) 15440

Weil's dis. transm. by rats (Dut) 29934

***psychology***

behavioral inadequacies in U. S. Naval recruits 42467

combat stress, resist., influencing factors 11873

homesickness (Dut) 19717
19718

homosexuality 12609

psychosomatic problems of adolescents (Ger) 30966

sociometric choice patterns of women recruits in Marine Corps, analysis of individual & group characteristics 11543

## ARNOLD-CHIARI MALFORMATION

clin. diag. (Cz) 35035

gross & histopathol. studies 50926
50928

hemifacial spasm caused by basilar impression with Arnold-Chiari malform., surg. (Fr)

## ARRHENOBLASTOMA

***case reports***

17450
(Ger) 25201

biol., cytochem. & morphol. aspects (It) 7746

giant masculinovoblastoma of left ovary (It) 2949

hilus cell tumor of left ovary with extensive degen. & fibrosis, clin. pathol. con' 52600

hilus cell tumor of ovary, with uterine hypertrophy & virilization, in 73-year-old woman (Ger) 49817

hypernephroma, with uterine fibromas (It) 6464

masculinizing 17833

## ARRHYTHMIA

***see also* AURICULAR FIBRILLATION**

***see also* AURICULAR FLUTTER**

***see also* BRADYCARDIA**

***see also* TACHYCARDIA**

***see also* TACHYCARDIA, PAROXYSMAL**

***see also* VENTRICULAR FIBRILLATION**

complete, in Fr. military hosp. (Fr) 14383

coronary sinus rhythm (Fr) 36678

coronary sinus rhythm (Ger) 34041

coronary sinus rhythm, case reports & review (It) 3878

coronary sinus rhythm, ECG & clin. significance (Rum) 6591

coronary sinus rhythm in mumps (It) 42675

coronary sinus rhythm, paroxysmal tachycardia & extrasystole, ECG & clin. aspects (It) 3844

diag. & management 15933

diag. & ther., review 27054

dissociation with interference between pacemakers located within the A-V conducting system 457

dropped atrial beats in Wenckebach periods 24341

eff. on progn. of patients with myocardial infarct 24860

extrasinusal atrial rhythms with disord. of atrioventric. conduction & atrioventric. rhythms, ECG (It) 19164

extrasystoles & premature beats 29785

extrasystole, diag. & ther., Crataegus-phenobarbital-procaine amide-quinidine prep. (Ger) 6706

gallop rhythm, review 6622

parasystole with tachycardiac ventric. rhythm & auric.-ventric. block (Rum) 6589

perop., during mitral commissurotomy, early detection with ECG (Sp) 53956

postop., after intrathoracic surg., ECG (Sp) 44496

postop. after repair of auric. & ventric. septal defects 14966

resp. arrhythmia (Ger) 34182

sinus arrhythmia, etiol. & clin. manifest. 20559

substitution rhythms of coronary & nodal origin during sinusal defic., ECG (Fr) 7048

wandering pacemaker with crises of paroxysmal tachycardia (It) 19166

***complications***

cardiac emergencies 29761

***diagnosis***

intracavitary ECG (Fr) 7043

phonocardiography, splitting of sounds induced by Valsalva & Mueller tests & other maneuvers affecting diastolic load (It) 3846

***etiology and pathogenesis***

asystole in acute posterior wall infarct, survival with aid of cardiac pacemaker & intravenous isoproterenol 28166

Chagas' dis., vector ECG analysis of complete bundle branch block 453

chaotic heart due to metastatic synovioma 12211

common resp. maneuvers 24339

cyclopropane anesth., comparative prev. value of manual & mechanical ventilation during anesth. 40364

defic. asystole in Moroccans (Fr) 42012

lymphoblastic infiltration of myocardium, ECG aspects (Fr) 7053

mitral insuff. with complete arrhythmia (Fr) 35608

possible role of vagus nerve, evaluation by determ. of ECG eff. of eyeball compression 491

premature asystole in angina pectoris, ECG 15540

pulm. heart dis., ECG 19873

***experimental***

antiarrhythmic action of tranquilizing agents in rabbits & dogs 5743

anti-arrhythmic eff. of active principle from oil of jatamansi 40077

anti-arrhythmic eff. of antihistaminics in dogs 40078

asystole in hypothermia in dogs, comparative eff. of anesthetics on incidence 40274

eff. of o-methylated deriv. of cyclizine on dogs 13431

eff. of testosterone, progesterone & 17α-ethyl-4(5)-estren-17β-ol-3-one 5744

fibrill., pathogen. 21032

in hypothermia, prev. by 2,2-diphenyl-N-(3-isopropylaminopropyl)-acetamide in dogs 36343

in myocardial ischemia & infarct in dogs 41971

in syncope induced in human volunteers 16642

induced by arterenol & methoxamine, types of arrhythmia induced in normal men (Sp) 8833

induced by cyclopropane & epinephrine, protective eff. of pacatal in dogs 24759

induced by cyclopropane & epinephrine, suppression by chlorpromazine, pacatal, perphenazine & promazine in dogs 24760

induction in cyclopropane-anesthetized women by carbon dioxide inhalation or by arterenol or epinephrine 959

induction of ventric. arrhythmias by arterenol or epinephrine admin. in dogs 755

perop. sinusal standstill with ventric. automatism during retrograde perfusion of coronary sinus under hypothermia for direct surg. approach 5876

***in aged***

classif. & bedside diag. methods 3780

***in infant and child***

acute asystole in newborn, case reports (Fr) 53025

***physiology***

arrhythmic & anti-arrhythmic eff. of sodium lactate, potassium & calcium chlorides & glucose after inject. into coronary arteries of normal & infarcted hearts 2917

coronary circ., hemodynamics 42833

dependence of cardiac output on R-R-interval in absolute arrhythmia (Ger) 55541

***prevention and control***

quinidine prev. of auric. arrhythmias after mitral commissurotomy (It) 42486

***therapy***

antiarrhythmic eff. of 6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide 13177

camoquin 11066

deacetyl lanatoside C-lanatoside D prep. in auric. arrhythmias 24342

N-(2-diethylaminoethyl)-isonicotinamide HCl (Ger) 11054

drug ther., review 5299

epinephrine & isoproterenol, stabilization in infusion solutions (Ger) 19387

mephentermine sulfate 560

procaine amide & quinidine (Sp) 15475

progr. 449

quinidine, analysis of ther. action, indic. & contraindic. (Ger) 12054

quinidine, in auric. fibrill., metab. & ther. results (It) 3876

quinidine in complete arrhythmia caused by mitral insuff. (Fr) 35609

## ARSENIC

arsenious acid reduction of ceric ammonium sulfate in presence of chloride, catalytic eff. of iodotyrosine deriv. 38517

arsenite spraying of potato haulms in England & Wales 52183

***determination***

acetarsone - arecoline prep. in tablets, potentiometric titration (Ger) 43597

in hair & nails, quick method (Ger) 39031

in regular-sized unfiltered & filtered cigarettes 38058

spectrophotometric method after reduction of arsenic, technic (Fr) 1046

***effects***

anuxemia induced by sodium nitrite in rabbits (It) 13999

arsenic acid inhib. of activation of enzyme systems oxidizing fatty acids in guinea pig liver (It) 3456

calcium arsenite lethal eff. on snail Oncomelania hupensis 16457

growth stimulation, hazards (Fr) 27540

***poisoning***

causing cancer of bronchi in former miner, case report (Ger) 51034

causing liver cirrhosis (Ger) 34039

chronic, clin. pathol. cont. 43715

chronic pois. causing ascites, liver cirrhosis & kidney damage (Hun) 52925

contaminated drinking water causing liver cirrhosis in several members of a family (Hun) 43444

role of lead arsenate spray residues 44856

***therapeutic use***

peor-intern in psoriasis (Sp) 35539

## ARSENICALS

***see also* ARSPHENAMINES**

***see also* BISMUTH-ARSENIC COMPOUNDS**

***see also* OXOPHENARSINE**

***effects***

γ-(p-arsenosophenyl)-n-butyrate inhib. of pyruvate oxidase system in rat heart sarcosomes, restoration of activity by α-lipoic acid 16893

4-(2,6-diamino-4-pyrimidinylamino)-phenylarsine oxide on exper. trypanosomiasis in mice, monkeys & rats 48233

diazotized arsenicals conjugated with blood proteins on mouse lymphoma cells in vivo 17250

pyrimidylaminophenylarsonic cpds. in exper. trypanosomiasis in mice 14122

sodium arsenic, on gonads of mice, review (Ger) 34032

***injurious effects***

arsine pois. causing acute toxic renal insuff. (Ger) 11025

cancer in chem. workers (Ger) 11361

cancer in vintners (Ger) 7086

cancer of skin (Ger) 11367

carcinogenic eff., review (Ger) 51874

hepatitis, in military personnel in Burma & India, clin. aspects & case reports 48407

multiple keratoses of trunk in vintners (Ger) 3201

***therapeutic use***

cancer of rectum & sigmoid (Fr) 38792

chloroarsenol with ergotamine tartrate in pain in cancer (It) 3865

***toxicity***

magnesium arsenate phosphor, in various animals, eff. of dimercaprol 46888

toxic stability of war gases of blue cross group (Ger) 36506

***ARSENOXIDE see* OXOPHENARSINE**

***ARSINE see* ARSENICALS**

## ARSPHENAMINES

neoarsphenamine causing panmyelopathy with sympt. reticuloendotheliosis (Pol) 53185

## ART

***see also* LITERATURE**

***see also* MUSIC**

abnorm. in precolonial Indian So. American art (Ger) 42914

art ther. program for ment. disord. in Veterans Administration hosp. 51907

artists' views on military med. in Sweden (Sw) 32990

as reflection of pressures & stress in contemporary society, psychiatrist's interpretation 53610

childhood of creative artists & its psychoanalytic implications 44330

creative painting appreciation, relation to ment. hyg. (Sp) 18856

Danish Surg. Soc. in portraits & caricatures (Dan) 47925

drawings & paintings of ment. patients 54433

formal art train., eff. on quantitative intelligence quotient scores of H-T-P 40714

paintings & drawings by psychopathic & other personalities, relation to modern art & change of style induced by ment. disord. (It) 32160

painting by Teofili Patisi of rural physician taking patient's pulse (It) 30684

pseudo-eyeglasses in decorative glass windows of Strasbourg cathedral (Ger) 28922

psychoanalytic interpretation of relation of impostor to artist 44250

relation of esthetic preferences for paintings to personality (Fr) 25100

sadism & masochism in artistic creation (Por) 42196

ther. of ment. dis., in individual & group psychother. (Fr) 43950

## ART, MEDICAL

*see also* EXHIBITS

anat. iconography in works of Samuel Thomas Soemmering (It) 31669

aniline dyes in coloring wax models 28198

color by overprinting 28197

contribution of Max Brödel 29242

contribution of Albrecht von Haller (Ger) 39025

William Hogarth, contribution to med. hist. 16368

illuminated stand for sketching while using microscope (Fr) 1043

illustration of brain sections for reprod. 29243

illustrators, ethics in professional relations 28199

method of producing models of hollow organs 29245

16th century School of Salviati & illustrations to the chirurgia of Vidus Vidius 29284

*ARTANE see* TRIHEXYPHENIDYL

## ARTERENOL

chem. structure & metab. (It) 53765

pharmacol. (Fr) 14721

pharmacol. & ther. of post-hemorrh. hypotension (Cz) 2735

relative stability of epinephrine, arterenol & serotonin subjected to various simple treatments 7217

***antagonists***

serotonin in dogs & mice 9552

***determination***

bio-assay using Laewen Trendelenburg frog prep. (Fr) 26722

diffusion from brei of cattle adrenal medulla (Fr) 15132

method for fluorimetric determ. of arterenol & epinephrine 46695

pharmacol. evaluation of arterenol & epinephrine in Laewen-Trendelenburg prep. in toad (Sp) 8990

***effects***

circ. responses in man, inhib. by intra-arterial infusion of phenoxybenzamine 15000

digital vasoconstriction produced by infused arterenol in Cushing synd., diag. value 4670

digital vasoconstriction produced by infused arterenol in primary hypertension, diag. value 4669

eff. of isoproterenol on response in test animals 24820

eff. on salicylate-induced hypermetab. on response in man 14990

hemodynamic eff. in tetralogy of Fallot (Ger) 11250

induction of arrhythmia in normal men (Sp) 8833

induction of diffuse myocardial lesions in rat, with corticoids 46587

induction of extravasation & subsequent necrosis, prev. in rabbit 35703

induction of hypertension, inhib. by tolazoline in guinea pigs (Fr) 26912

induction of necrosis after intradermal inject. in rabbits, comparison with m-norsynephrine (Ger) 35953

induction of ventric. arrhythmias & myocardial fatty changes in dogs 755

induction of ventric. arrhythmia in cyclopropane-anesthetized women 959

inhib. of electrically-induced contractions of guinea pig ileum, antag. by sympatholytics (Ger) 29987

on adipose tissue non-esterified fatty acid synthesis in vitro 31407

on adrenal cortex of hypophysioprivic & hypophysectomized rats alone & with ACTH, histochem. study (It) 36821

on adrenal corticoid action in protein mobilization in exper. diabetes 734

on arteriovenous anastomoses, review (It) 46638

on blood circ., review 448

on blood insulin activity, determ. in isolated rat diaphragm (Dut) 7273

on blood pressure after occlusion of coronary circ. (Cz) 48627

on blood pressure & blood sugar & potassium levels in dogs, influence of chlorpromazine or yohimbine (Fr) 36562

on blood pressure & heart output in rabbits 314

on blood pressure & venous return during extracorporeal circ. 22014

on blood pressure in cats, dogs, rabbits & rats, comparison with epinephrine & isoproterenol (Fr) 48855

on blood pressure in dogs, admin. with various local anesthetics (Ger) 35948

on blood pressure of hypophysectomized turtles 24040

on blood sugar in rabbits (Sp) 21149

on blood supply of bone marrow in man, study method (Ger) 34020

on blood vessels after admin. of other sensitizing drugs (Fr) 36575

on capillary resist. & on blood & urine pepsinogen levels in healthy men 49233

on cardiovasc. system 2036

on cardiovasc. system in exper. hypertensive rats, eff. of pretreatment with 17α-propylestrane-17β-ol-3-one 47730

on coronary blood circ. (Sw) 43219

on coronary blood flow after acute obstruct. of coronary arteries in dogs (Ger) 55538

on coronary blood flow & heart action of isolated rabbit heart, influence of magnesium admin. 36555

on coronary circ. 2925

on coronary flow in dogs (Fr) 26869

on diastolic potential changes in frog heart 28079

on heart rate & blood pressure in conscious dogs, comparison with conscious humans & anesthetized animals 20913

on hepatic blood flow after graded hemorrh. in dogs 12568

on hypotension after exper. hemorrh. in dogs 12569

on intestine, relation of inhib. eff. to acetylcholine content of different segments 4203

on mesenteries, chlorpromazine-induced increased reaction threshold in rats 24843

on peripheral circ. after admin. of 2-(diethylaminomethyl)-1, 4-benzodioxan, comparison with epinephrine in dogs (Fr) 26870

on peripheral effector cells in cats, influence of hexamethonium iodide & pentolinium tartrate 48239

on portal venous flow in acute hemorrh. in dog 2919

on pressure flow-strength relation of ascending aorta on oligemic shock in cats (Ger) 11248

on procaine anesth. (It) 39319

on pulm. circ. in normotensive & in hypertensive patients 31790

on pulm. hemodynamics, role of reflexes from carotid sinus baroreceptors 51109

on red-green color vision sensitivity (Ger) 43573

on renal circ. & excretion of phosphates, bicarbonates, ammonia & total acid anions (It) 3853

on resp. response to carbon dioxide 20916

on saliva secretion in denervated parotid gland of monkey 16327

on skeletal musc. contraction in cats 28619

on splenic intermediate circ. in mouse 13006

on urine volume & composition in dog 20915

on uterine strips in vitro from pregn. & non-pregn. animals 50978

supersensitivity of organs to arterenol after degen. of sympathetic nerves, mechanism 41821

toxic synergism with cocaine in guinea pigs, protective eff. of tolazoline (Fr) 26902

vasc. responses in dogs & cats, influence of amodiaquin 4182

***in blood***

activity & distribution in blood platelets 13692

determ., differential fluorimetry 36601

eff. of epinephrine (Tur) 45447

fluorimetric determ. of exogenous & endogenous levels in peripheral blood 733

in adrenal blood, eff. of cesium, potassium & rubidium in dogs (Fr) 26750

levels in hypercapnia, eff. of buffering of blood carbon dioxide in dogs (Fr) 48846

stability in human plasma & serum, comparison of schizophrenic with normal subjects 11655

uptake by ptg blood platelets in vitro 48229

***in urine***

biol. method of determ. 41796

determ. after consumption of bananas by humans 41295

determ., fluorimetry (Fr) 47347

eff. of electroshock ther. 27019

eff. of reserpine (Ger) 6095

eff. of reserpine on excretion in schizophrenic patients 5484

excretion under various stress cond. 8646

in hyperthyroidism & insulin hypoglycemia 2245

in manic depressive psychosis, changes during manic & depressive phases 17735

in pheochromocytoma 39728

in rheum. arthritis, reversal of excretion ratio with epinephrine 35207

rapid quantitative method for chem. determ. in diag. of pheochromocytoma 41797

simultaneous excretion with epinephrine in dog under various physiol. & pharmacol. cond. 31887

***injurious effects***

hypotension after cessation of arterenol intravenous drip admin., ther., pressor amines 48331

myocarditis, clin. & exper. studies 24410

***metabolism***

adrenal medulla granules 35391

biogenesis & metab. in patients with pheochromocytoma 50453

biogenesis & metab., review 31885

blood & musc. distribution in rat after intraperitoneal inject. 35809

brain, eff. of harmaline on long-acting monoamine oxidase inhibitors in mice & rats 49359

distribution & metab. in tissues & axons 8645

eff. of purified monoamine oxidase on metab. of arterenol & its o-methyl analogs 13402

heart content depletion by reserpine in dog heart-lung prep., correlation with heart rate & pressure 41286

heart, eff. of iso-hemotransfusion & Belenki serum in rabbits (Rus) 48037

in myocardium, distribution of arterenol & epinephrine in cats, rabbits & rats (Ger) 15678

isolation & biochem. properties of arterenol granules in bovine adrenal medulla 318

lungs of various animals (Ger) 29904

oxidative pathways 31888

resynthesis of catechol hormones in cat's adrenal medulla 46702

splenic nerves of cattle, distribution of arterenol & 3-hydroxytyramine (Ger) 29881

stimulating eff. of alcohol (Ger) 39895

uptake & breakdown in vasc. tissue 13004

***physiology***

basal unstressed secretion by adrenal medulla in dogs (Fr) 3102

depletion of content in adrenal medulla of hamsters caused by reserpine admin., histochem. studies 38098

disord. of arterenol-hydrocortisone homeostasis in rheum. arthritis (Fr) 4736

distribution in intra-axonal structures as studied in bovine splenic nerves 333

eff. of hibernation & summer activity on arterenol-epinephrine ratio in hedgehog 42954

eff. of intravenous nicotine on arterenol-epinephrine ratio in rats (Fr) 26808

eff. of reserpine on secretion in cats 29871

release after electrical stimulation of intestinal sympath. nerves in cats 5767

release from adrenal medulla during splanchnic nerve stimulation in cats 48225

release from amine-containing granules of cow adrenal medulla 12015

replacement in innervated & denervated adrenal glands of rats after induced depletion 19616

secretion by adrenals in cats, influence of acetaldehyde admin. 316

secretion by adrenal medulla in dog, direct determ. (Fr) 15126

storage & release, review 31886

***related compounds***

3-O-methylarterenol biosynthesis by catechol O-methyl transferase 4771

3-O-methylarterenol chem. & biosynthesis 4770

***therapeutic use***

irreversible shock, eff. of intravenous admin. (It) 6875

postop. shock in surg. of ovarian cancer, prolonged admin. 24496

shock (Fr) 15192

shock caused by coronary thrombosis (Dan) 33398

## ARTERIES

*see also* AORTA

***anatomy and histology***

arterial wall changes from birth to age 20, histol. study (It) 42494

diffuse intimal thickening in normal aging, application to pathogen. of superimposed arteriosclerosis 12464

spiral-shaped arteries, role in physiol. & pathol. of blood circ. (It) 25544

topographic-anat. basis for puncture of innominate, subclavian, carotid, brachial & femoral arteries (Rus) 51176

***effect of drugs on***

arterenol, acetylcholine, epinephrine & histamine on arteriovenous anastomoses, review (It) 46638

arterial wall response to intramural cholesterol in cockerels 20748

***innervation***

of arteriovenous anastomoses (Ger) 33921

***metabolism***

cholesterol biosynthesis by arterial tissue, species differences 20718

glucose-6-phosphate & 6-phosphogluconate dehydrogenase activities, eff. of aging 50584

mucopolysaccharides, eff. of aging, radiosulfur study 50585

***pathology***

chem. inj. in rabbits 51018

intimal vascularization & hemorrh., demonstration by simple cool-dry clearing technic 6119

***physiology***

arteriovenous anastomoses, physiopathol. (It) 46639

eff. of cold on response in vitro to epinephrine, histamine & vasopressin 5772

pressure-resist. (It) 13989

reaction of dog artery to latex 23497

sound phenomena after compression of cuff (Rus) 47981

*rupture*

multiple successive spontaneous rupt., case report (Fr) 9105

*surgery*

anastomosis of small arteries, comparison of suture materials in dogs 10081

arterial substitutes made of various materials 6252

circular suturing of arteries in exper. infected wds. (Rus) 18193

elastic dacron prosthesis, clin. evaluation 11782

elasticized dacron prosth. in animals 46516

nylon prosth., new type 54653

peripheral grafts of crimped nylon & polytetrafluoroethylene 10079

progr. in U. S. (Afr) 21836

reconstructive surg. in aged 5274

replacement with new flexible knitted dacron graft 35920

synthetic grafts with crimped teflon 54696

*transplantation*

arterioendoscopy technic of exam. for choice of vasc. graft (Fr) 6293

arteriosclerotic changes in plastic & hemol. grafts of thoracic aorta in dogs 22009

artery graft anastomosis, new method 54652

autografts, healing rate in dogs 54671

autoplastic cutis grafts, exper. & clin. evaluation 12999

current status 54753

exper. graft angulation, comparison of dacron collapsible tubing, Tapp-Edwards crimped nylon prosthesis & freeze dried homografts 11814

factors in success or failure 23494

fixation & preserv. (Pol) 20450

freeze-dried homografts & synthetic prosth., behavior in infected sites & contaminated wds. in dogs 54752

freeze-dried homografts, processing & preservation 23492

freeze-dry ethylene oxide-treated homografts, evaluation 1222

heterografts, failure of equine heterografts treated by controlled peptic proteolysis 11813

homografts & plastic prosth., gross & microscopic changes 5862

homografts & synthetic prosth., follow-up 51152

homografts, comparison with nylon prosth. 11783

homografts, freeze-dried, clin. results & pathol. findings 54672

homograft replacement of obliterated arteries (Cz) 38136

homografts with aortopulm. shunt in Fallot's tetralogy & tricuspid stresia (Ger) 49067

microcrimped dacron tube & bifurcation prosth. 46517

new flexible knitted dacron tube, clin. application 11803

procurement, storage & clin. use of homografts from hosp. tissue bank 6505

replacement grafts, surg. problems 10087

results 23500

synthetic grafts, eff. of infect. & exposure 46518

*wounds and injuries*

surg. (Cz) 9434

## ARTERIES, BRACHIAL

surg. clin. & exper. aspects (It) 42543

*ARTERIES, BRONCHIAL see* LUNGS, *blood supply*

## ARTERIES, CAROTID

*see also* CAROTID BODY

*see also* CAROTID SINUS

perfusion as adjuvant in hypothermia in bloodless surg. of right heart (It) 6787

*abnormalities*

persistent carotid-basilar anastomosis, case report 17802

*aneurysm*

common carotid, surg. (Fr) 16996

dissecting, after arteriography 52572

excis. in pregn. using hypothermia & vasc. shunt 1227

internal carotid artery, cases of spontaneous extracranial aneurysms (Pol) 30321

internal, causing destruction of cranial base, case report & x-ray manifest. 6491

internal, causing oculomotor nerve paralysis, with massive vitreous hemorrh., case report (Fr) 26366

internal, surg., case report (Fr) 42449

post-traum., with bilateral involvement of cranial venous sinuses, late develop. (Fr) 35245

supraclinoid of internal, surg. technics (Fr) 6287

traum. extracranial aneurysm with recurrent & vagus nerve paralysis in inf., surg. (Ger) 27744

*diseases*

arteriosclerosis obliterans (Rus) 32554

caused by pituitary radiodestruction 37683

diag. value of ophthalmodynamometry 50871

infect. of internal carotid caused by scarlet fever with otitis interna (Ger) 52177

insuff., diag. & surg. 50946

insuff. synd., early clin. diag. & ther. 14969

internal carotid artery thrombosis, diag. problems 2332

occlusion, bilateral, causing psychosis 52145

occlusion of internal carotid, avoidance of false angiographic localization 50947

occlusion of internal in neck, causing senile dementia 774

thrombosis of internal 17637

thrombosis of internal carotid artery & its terminal branches, angiographic demonstration of collateral circ. 35418

thrombosis of internal carotid, diag., ophthalmodynamometry 49650

thrombosis of internal carotid, surg., anastomosis of external carotid & vertebral arteries (Por) 36907

thrombosis of internal, caused by intracranial inj., anat. & clin. aspects (It) 32135

thrombosis, with Horner synd., diag. 19804

ulceration of internal carotid in pregn. woman with cancer of tongue, case report (Fr) 26247

*fistula*

carotid-cavernous, diag. & surg. 12852

carotid-cavernous fistula, spontaneous with bilateral internal carotid aneurysm, case report 14562

carotid-cavernous, with bilateral exophthalmos (Fr) 19772

internal carotid-jugular fistula, surg., case report (Fr) 42449

*physiology*

antibaric reactions of vasc. wall of common carotid at various blood pressures in dogs (Ger) 53073

behavior of bone marrow cells transplanted into lumen of double-ligated segment of carotid artery in rabbits 20111

eff. of exper. ligation on cerebral metab. in newborn & adult rats (Cz) 21570

eff. of ligation on brain ammonia & glutamine level (Rus) 1755

eff. of occlusion on urinary volume & composition in dog 20914

pressure changes in cough in animals (Cz) 38255

pulse curves in aortic valve stenosis & coarctation of aorta (Ger) 12051

significance of chemoreceptors for toxic digitalis bradycardia in cats (Ger) 34009

*surgery*

cervical ligation of internal carotid artery in intracranial aneurysms, technic & progn. 6120

ligation, causing hemiplegia, ischemic & thrombotic factors (Ger) 32273

ligation of external carotid for cervical ganglion exeresis during laryngectomy, causing lingual atrophy & deglutition disord. (It) 52111

periarterial sympathectomy, eff. on ear, nasal cavity & larynx (Fr) 44666

*wounds and injuries*

surg. of common & internal carotid wds. (Fr) 4820

*ARTERIES, CEREBAL see* BRAIN, *blood supply*

*ARTERIES, CORONARY see* CORONARY VESSELS

## ARTERIES, FEMORAL

*anatomy and histology*

branches in femoral-popliteal canal, surg. anat. (Rus) 18255

individual & age-connected variabilities of deep femoral artery (Rus) 47889

surg. importance of variations of femoral artery branches in varicose veins (Sp) 35994

*aneurysm*

embolomycotic aneurysm in patients with aortic valve dis., surg. ther. (It) 39563

surg., clamping of abdom. aorta, indic. (Fr) 6310

*diseases*

embolism, surg., late embolectomy (Sp) 8156

obstruct. caused by migration of revolver bullet, surg. case report (Fr) 407

occlusion, surg., methods 1233

*fistula*

arteriovenous, with pulsatile hematoma, surg. (Sp) 12996

*physiology*

carotid sinus control of femoral artery debit in dog (Fr) 36615

pulsatile pressure & flow recordings in dogs, statist. analysis 14992

*surgery*

nylon graft of segmental obstruct., clin. & arteriographic study followed by later postmortem studies (Fr) 53369

*transplantation*

homografts in severe inj. (Ger) 41706

## ARTERIES, HEPATIC

eff. of ligation of hepatic artery & other branches of celiac axis on renal funct. in cirrhotics (It) 28705

exper. ligation, from. of collateral circ. (Ger) 33979

hepatoportal fistula (Fr) 42415

## ARTERIES, ILIAC

aorto-iliac occlusion, surg., methods 1233

clamping of abdom. aorta in gluteal & external iliac aneurysms, indic. (Fr) 6310

hypogastric aneurysm, case report (Fr) 6305

inj. in right inguinal herniorrhaphy, circular mechanical suture in repair (Rus) 18266

metastatic sigmoid carcinoma, surg., resection of abdom. aorta & common iliac arteries, with homografts 54711

postop. embolism of iliac arteries at bifurcation after mitral commissurotomy, embolectomy (Fr) 51381

superior gluteal aneurysm, case report (Fr) 6302

## ARTERIES, INNOMINATE

aneurysm, surg. (Fr) 16996

arteriovenous fistula, surg. (Rus) 10750

dissecting aneurysm with localized area of calcification & cerebral infarct, case report 36257

distention simulating mediastinal tumors, case reports (Fr) 28359

resection of aorto-innominate aneurysm (Fr) 51882

surg. anat. (Rus) 18260

## ARTERIES, MESENTERIC

arteriosclerosis causing insuff. 22047

embolism of superior mesenteric artery causing infarction, surg. 7424

embolism of superior mesenteric artery causing massive intestinal infarction, autopsy assessment of reconstructive vasc. surg. 52626

embolism of superior mesenteric artery, surg., embolectomy (Dut) 7284

indic. for sectioning in radical surg. of rectosigmoid tumors (It) 25546

mycotic aneurysm of mesenteric artery of small intestine with abscess, surg. 30135

occlusion, acute, case report (Sp) 35993

occlusion causing duodenal obstruct. (Ger) 22936

occlusion in dog, eff. of hypothermia before & after occlusion on survival 25041

occlusion with intestinal malabsorp., case reports 582

thromboangiitis obliterans of inferior mesenteric artery causing hemorrh. infarct of sigmoid, case report 25680

thrombosis causing intestinal infarct. 3158

thrombosis, massive resection of small intestine in (Ser) 23686

thrombosis of superior artery (Rus) 22540

traum. false aneurysm of superior mesenteric, with perf. into duodenum, surg. & recovery (Sp) 25942

## ARTERIES, OPHTHALMIC

pressure as indic. of cerebral circ. (Fr) 44685

## ARTERIES, POPLITEAL

aneurysm, relation to acute ischemia of leg & foot (Sp) 25938

arteriovenous fistula caused by fract. of femur, surg. indic. & case report (Fr) 409

secondary hemorrh. in decubitus ulcer on bone irregularity of osteomyelitis femur (It) 25615

## ARTERIES, PULMONARY

*abnormalities*

absence of right branch of pulm. artery, review & case report (Sp) 36838

anomalous course of left pulm. artery causing obstruct. emphysema in inf., case report 41270

atresia, thoracic aortography for collateral circ. visualization 47845

congen. multiple peripheral stenoses of pulm. arteries causing pulm. hypertension & continuous murmur 10311

hypoplasia of left artery (Pol) 30720

*anatomy and histology*

medial thickness of small muscular pulm. arteries, relation to postnatal survival in inf. with ventric. septal defects & patent ductus arteriosus 54916

*aneurysm*

x-ray differ. diag. from hilar shadows due to tumors (Ger) 3609

*diseases*

aneurysm, segmental, with peripheral venous thrombosis 48786

arteriosclerosis, primary, with rupt. of pulm. artery 24993

arteritis caused by pulm. hypertension with fatal hemoptysis 5700

compression by hilar lymph node dis. causing pulm. heart dis., surg. (Fr) 36694

exper. dyskinesia & cicatricial fibroelastosis (Fr) 53423

fibrous intimal thickening in child with cor pulmonale & primary pulm. hypertension, clin. pathol. conf. 7442

massive pulm. systemic shunt in multiple pleural adhesions 46511

synd. resembling cor pulmonale in patients of congen. & acquired heart dis. (It) 52088

***infarction***

in embolism, review 48993

***innervation***

histol. study in cats, dogs & man 23575

***pathology***

eff. of post-mortem changes on assessment of musc. hypertrophy & endarteritis obliterans in pulm. arteries 14789

in septal defects, atrial & ventric., relation of structural changes in small pulm. arteries to immediate reversibility of pulm. hypertension after closure 38495

morphol. changes in congen. cardiovasc. defects 20680

progr. histopathol. changes in pulm. arteries in hypertensive pulm. dis. with congen. septal defects 2900

tunica media of pulm. arteries in pulm. hypertension 5688

***perforation***

by aortic aneurysm, case report 14074

***physiology***

anaphylactic reaction of rabbit pulm. artery in vitro (Fr) 15160

arterial pressure, correlation with heart x-ray image in auric. septal defects (Fr) 35028

controlled unilateral occlusion in determ. of lung funct. (Dut) 29964

eff. of exper. ligation on intracardiac pressures in dogs (Ger) 54927

eff. of ligation of a principal branch on cardiocirc. system in dogs (It) 39678

eff. of ligation of left pulm. artery on blood pressure of greater circ. (Fr) 38692

eff. of ligation of pulm. & cutaneous arteries on survival of frogs & cutaneous arteries on survival of frogs & possibility of reestablishment of circ. after arrest (Fr) 48891

eff. of ligation of pulm. artery on ventilation, cardio-circ. funct., bronchial circ. in lung & pulm. morphol. (It) 47827

eff. of simultaneous hypoxia & hypercapnia on pulm. arterial pressure in dog 36606

eff. of unilateral occlusion on distal blood pressure & blood oxygen content in dogs 14997

exper. ligation, causing morphol. & funct. changes in lungs (Rum) 44001

exper. subclavian-pulm. & aorto-pulm. anastomoses in pulm. stenosis (Rum) 43990

flow rate changes accompanied by accid. systolic cardiac sounds (Ger) 55537

increase in pulm. artery pressure causing changes in heart rate & blood pressure in cats 5785

linear velocity of flow in man, measurement method 9559

pressure, eff. of cardiopulm. bypass 18126

pressure, eff. of carotid sinus baroreceptor reflexes in dogs 17969

pressure in mitral stenosis 14030

pressure in myxoma of left auricle, case report 14043

pressure, relation to frequency of postprimary pulm. tuberc. 12786

pulm. arterial pressure in normal cond. & hypertension (Sp) 6574

temporary block as resp. funct. test (Ger) 22205

***stenosis*** *see* **PULMONARY STENOSIS**

***surgery***

aortic homograft replacement, indic. & technics 18122

exper. ligation, technic (Ger) 54938

***wounds and injuries***

accid. section of displaced right pulm. artery in lobectomy for tuberc., causing excluded lung synd. (Por) 8779

## ARTERIES, SPLENIC

aneurysm, case reports 23498

aneurysm, rupt. (Dut) 19735

aneurysm, rupt. in last stage of labor, emergency surg. (Dut) 29938

aneurysm, rupt. into stomach, x-ray manifest. (Fr) 6400

aneurysm, rupt. with medionecrosis disseminata in pregn., case report (Ger) 23214

aneurysm, statist. & post-mortem pathol. 31475

sclerosis & torsion, pathol. & histopathol. (Ger) 33529

spleno-renal anastomosis in renal artery stenosis (Fr) 53393

## ARTERIES, SUBCLAVIAN

anastomosis to aorta after excis. of coarcted aortic segment (It) 42493

exper. subclavian-pulm. anastomosis in pulm. stenosis (Rum) 43990

insuff. of basilar artery, differ. diag. from Menière's dis., otitis interna & tumor of cerebellopontile angle 43703

occlusion in thoracic outlet compression synd. 2205

surg. anat. of artery & branches 54753

thrombosis causing cerebral ischemia, surg. thromboendarterectomy 54669

truncus thyreocervicalis, surg. anat. (It) 46579

## ARTERIES, VERTEBRAL

anastomosis of vertebral & external carotid arteries in thrombosis of internal carotid (Por) 36907

anomalous origin from aortic arch, types, embryol. & clin signific. 45061

inj., case report (Rus) 18203

occlusion of anterior artery 6186

occlusion of anterior ventral vertebral artery (Ger) 44911

thrombosis 42820

thrombosis causing cerebral ischemia, surg. thromboendarterectomy 54659

thrombosis, clin. & pathol. findings 19808

***ARTERIOGRAPHY*** *see* **ANGIOGRAPHY**

## ARTERIOSCLEROSIS

abdom. viscera (Sp) 20636

aortic & coronary, review (Sp) 39971

arteriosclerotic insuff. of mesenteric artery 22047

cellophan dialysis of intimal extracts, eff. of hyaluronidase (Tur) 33003

cerebral vessels, incidence, distribution & pathogen. (Ger) 55648

classif. & grading of atheroma 14325

etiol. & ther., current concepts 15910

in animals (Ger) 42322

of systemic circ., clin. aspects, diag. & evolution, review (Sp) 49879

pathogen. & ther., review (Ger) 7114

prev. & ther. (Ger) 10999

research in Russia, review 7565

research, progr., review (Ger) 34188

research, review 1178

research trends 34

review (Fr) 9206

soc. factors 2640

***blood in***

acid-base equilibrium & cholesterol, eff. of vitamin C (Rus) 33243

cholesterol, determ. in GP 41441

cholesterol, eff. of oxygen (Rus) 33235A

cholesterol, eff. of polyunsaturated fatty acids (Fr) 37925

cholesterol levels, comparison with levels in other heart dis. (Fr) 21280

cholesterol metab. disord. 22723

cholesterol stability (Fr) 31039

coagulation, eff. of dietary lipids 14707

coagulation, eff. of fats, review (Ger) 18319

coagulation factors & blood proteins, diag. value (Pol) 8070

coagulation mechanisms 14666

coagulation, relation to dis. (Ger) 42253

coagulation, relation to form. of arterial atheroma (Fr) 44987

electrophoretic mobility of erythrocytes as measure of surface activity of plasma in patients with & without atheroma 38614

fatty acids (Ger) 3250, 3257

fatty acids, determ. of amount & degree of unsaturation, diag. value (Pol) 8088

glycoproteins, regional levels, electrophoresis (It) 6820

heparin clearing test, value (It) 6865

lipids (Fr) 44607

lipids & lipoproteins, eff. of intravenous admin. of sodium dehydrocholate (It) 9304

lipids & β-lipoproteins, review 7559

lipids & phospholipids in electrophoresis of blood lipoproteins 50705

lipids, biochem. (Sp) 39445

lipids, correlation of changes with coagulation factors (It) 6879

lipids, differ. diag. value of vitamin A loading test (Fr) 53980

lipids, endarterial parietal & hemodynamic factors in etiol. (Fr) 9205

lipid excess in atherosclerosis, case reports (Fr) 36671

lipid metab. disord. (Fr) 9203

lipids, metab. mechanisms (Sp) 39446

lipids, panel discussion 38497

lipid regulation disord., eff. of hered. & environment 35722

lipoproteins, clin. study & review (Sp) 2948

lipoproteins, electrophoresis (Fr) 35606

lipoproteins, regional levels (It) 6799

non-protein nitrogen after blood coagulation & fibrinolysis (Pol) 8102

plasma-clearing eff. of gastric mucin 2890

protamine titration test 13003

proteins, electrophoresis of regional blood (It) 6789

***case reports***

clin. aspects (Sp) 16116

generalized (It) 20179

***complications***

aortocaval fistula, percutaneous translumbar abdom. aortography 8570

basilar artery insuff. synd. (Fr) 262

biochem. synd., diag. (Fr) 39473

calcification of pelvic arteries, angiography (Pol) 30825

causes & mechanism of prod., review (Sp) 39968

cerebral hemorrh., pathol. (Rus) 46291

cerebral, with facial dysesthesia & pains (Ger) 42339

chorioretinopathy, ther. 23866

diabetes mellitus (Rus) 41655

embolism caused by cholesterol crystals (Dut) 29937

heart dis., incidence in E. China & relation to serum cholesterol 45652

hypertension (Rus) 33239

hypertension, renal (Ger) 51779

impending rupt. of atherosclerotic abdom. aneurysm, resection & homograft replacement in poor-risk patient, case report 35884

ment. disord., indic. for shock ther. (Tur) 55083

myocardial infarct (Rus) 33466

primary infarction of femur head, case report (Fr) 19352

pulm. artery rupt. 24993

relation to cancer (Ger) 55528, 55530

relation to cancer, statist. findings (Ger) 55529

spontaneous parietal hematoma in arteriosclerosis of aorta, case report (Fr) 51402

***diagnosis***

fat tolerance test (Ger) 33990

pulse wave speed determ. & arterial piesography (Rus) 45181

x-ray diag. 10686

x-ray diag. of subclin. cases 4685

***differential diagnosis***

brain (Ger) 44202

***etiology and pathogenesis***

42025

diet & lipid metab. in pathogen., review 53567

dietary & epidemiol. factors 4427

dietary cholesterol 30837

dietary factors 16547

dietary factors (Sp) 39447

dietary fatty acids (Ger) 11038

dietary fatty acids, eff. of unsaturated fatty acids on blood cholesterol 51594

hands, caused by diabetes mellitus (Dan) 30217

hemo- & histomechanism of develop. (Ger) 358

hered. & remote dietary & endocrine factors (Fr) 9204

lipid & tissue factors, review 23406

liver overprod. of β-lipoproteins, review 30489

obesity, review (It) 8649

review (Sp) 20617

***experimental***

acceleration of atherogenesis of tunica intima through prior inj. of tunica media in rabbits 127

allergic mechanism (It) 1491

arteriosclerotic changes in plastic & homol. grafts of thoracic aorta in dogs 22009

atherogenesis in cholesterol-fed cockerels, eff. of admin. of thyroid hormone prep. 15010

atheromatous changes in nylon & orlon grafts in aorta of dogs with chronic hypercholesterolemia 31444

atherosclerosis induction in rats by dietary method 31446

bact. polysaccharide-induced, eff. of magnesium chloride in rabbits 46873

blood phospholipids (Cz) 44869

butter- & margarine-induced in swine, comparison 14686

calcium deposition in atherosclerosis in rabbit, radiocalcium determ. 40122

chem. & anat. correlations in cholesterol-fed rabbits 24043

cholesterol-induced, blood protein picture in rabbits & influence of renal hypertension 6116

eff. of acetaldehyde & formaldehyde on blood cholesterol, lipids & proteins in rabbits on high cholesterol diet (Fr) 26319

eff. of ACTH (Rus) 48005

eff. of aortic constriction in rabbits 44073

eff. of exercise (Rus) 48006

eff. of glucagon & elastase on arterial wall lesions in atheromatous degen. in chickens (It) 48127

eff. of hyaluronidase, hydrocortisone & somatotropin on blood lipids & proteins (Cz) 26554

eff. of iodine, vitamin C & other drugs (Cz) 2740

eff. of methionine & choline on tissue lipids & on vasc. structure of cholesterol-fed growing rats 17824

eff. of papaverine, salsolin & spherophysin on blood pressure (Rus) 39343

eff. of β-sitosterol on regression of atherosclerosis in chickens 20761

eff. on aortic homografts & polytetrafluoroethylene-nylon prosth. in rabbits 22035

endothelial changes & macrophage behavior in exper. atheroma in rabbits 5636

fine structure of aortic endothelial lesions in cholesterol atherosclerosis in rabbits 702

histochem. of ocular lesions in atheromatosis in rabbits (Fr) 26356

in vitamin B6 deficient Rhesus monkeys 24392

induction by high cholesterol diet alone & with slow carbon disulfide pois. in rabbit (It) 3596

morphol. of cholesterol atherosclerotic lesions in rabbit 29146

susceptibility to atherosclerosis, relation to tissue mast cell content 14102

technic of induction in rat for subsequent induction of myocardial infarct 50539

tissue response of fresh abdom. aortic implants into abdom. aorta in dogs 46515

***in aged***

causing ment. disord. 48175

ther., multivitamin-lipotropic prep. garobion (Ger) 32962

ther., pentylenetetrazole in cerebral arteriosclerosis 40354

x-ray diag. (It) 21429

***manifestations***

fundus oculi, clin. & progn. value of exam. (Fr) 54623

***metabolism***

biochem. (Fr) 20805

biochem. factors in spontaneous & exper. atherosclerosis, review (Fr) 44985

essential fatty acids 24390

metab. pathway of radiocarbon-labeled α-tocopherol 48523

***pathology***

aortic, coronary & circle of Willis lipid composition 52369

aortic elasticity (Ger) 33996

aortic intima cholesterol retention properties (Tur) 45479

aortic lipid in various stages of arteriosclerotic lesions 41815

arcus senilis & costal decalcification, progn. value (Fr) 43759

arterial silicon content, relation to calcium (Fr) 26849

arteries, chem. aspects (Fr) 2482

articular cartilage & tendons (It) 9320

autopsy data on arterial distribution in normal & high blood pressures (Rus) 22158

classif. & grading arteriosclerotic lesions (Rus) 25756

diffuse intimal thickening of arteries in normal aging 12464

histol. changes of retinal central artery in systemic or extraocular local arteriosclerosis (It) 13139

in wild animals dying in captivity 50478

lipid plaques in atheromatous blood vessels, similarity to corneal plaques in lipid keratopathy 2898

morphol. of early lesions 47084

natural hist. 28481

postmortem statist. (Sp) 44562

psammomatous form. in choroid plexuses (It) 36712

relation to peripheral artery grafting 35997

***physiology***

atony of musc. fibers & cutaneous trophic & autonomic disord. of extremities (Ger) 46640

brain, orthostatic blood pressure disord. (Ger) 7372

eff. of smoking on musc. funct. (It) 27835

heart volume (Pol) 30824

pulse wave speed determ. (Rus) 18304

thyroid funct., eff. of diet ther. (Rus) 33629

***statistics***

(Cz) 44867

in Iranians, low incidence in undernourished & relation to serum lipids, proteins & phospholipids (Fr) 11946

in Oriental nations 4835

***surgery***

19916

use of nylon bifurcation grafts in aortic arteriosclerosis 22735

***therapy***

(Fr) 39479

anticoagulants (Sp) 33015

cortisone, clin. & exper. studies (Cz) 44868

diet 3786

diets, eff. on blood cholesterol 52680

estrogen & thyroxine deriv., eff. on serum cholesterol & lipoproteins, review 49932

heart extracts (Ger) 30989

heparin & phenylbutyric acid, admin. & dos. (It) 6790

multienzyme prep. of enzymes of fat metab. (Ger) 42310

pentaerythritol (Fr) 49749

raubasine in cerebral atherosclerosis (Fr) 31068

rautol (Ger) 39076

review (It) 48754

unsaturated fatty acid prep., eff. on blood cholesterol (It) 42689

vasolastine ther. of atherosclerosis (Dut) 43048

***ARTERIOSCLEROSIS, CORONARY*** *see* **CORONARY DISEASE**

## ARTERIOSCLEROSIS OBLITERANS

arteriography, diag. & ther. value 49866

legs (Fr) 44988

Leriche synd. (Fr) 51366

Leriche synd. in brothers 17555

Leriche synd. premonitory sign. (Sp) 29347

Leriche synd. with hypertension 46853

Leriche synd. with impotence as early diag. sign, mechanism & relief by endarterectomy 5923

of aortic arch branches (Sp) 6599

***blood in***

glucosamine (Pol) 30819

lipoproteins, eff. of heparin (Pol) 30818

***diagnosis***

in soldiers (Rus) 45881

legs, value of translumbar aortography 1234

***experimental***

eff. of post-mortem changes on assessment of lesions in pulm. arteries 14789

***in aged***

ther., procaine, admin., intramusc. inject. (It) 42576

x-ray diag. (It) 21429

***manifestations***

eye fundus (Pol) 30822

***pathology***

brain (Rus) 32554

***physiology***

adrenal cortex changes (Rus) 41498

arterial circ. in legs, establishment of oscillometric clin. norms 1481

collateral blood circ., method of determ. & classif. (Rus) 41684

eff. of exercise on blood circ. of leg 46507

reflex discret tremor of musc. bundles (Pol) 30833

***surgery***

16881

arterial grafts (Sp) 35991

arterial homografts in segmental arteriosclerosis 30927

endarterectomy, simple technic 54651

ileofemoropopliteal arterial reconstructions, factors influencing late patency 52643

indic. (Fr) 40979

indic. & progn. (Nor) 10363

peripheral 19980

resection of vasc. bundles, evaluation (Rus) 5977

sympathectomy (Rus) 41671

technics 41152

thromboendarterectomy 46519

***therapy***

acute arterial failure of legs (Pol) 30823

anticoagulants 25843

balneother. (Pol) 30848

histamine, intra-arterial drip (Pol) 30773

leg, conservative ther. versus surg. 50658

limb survival, correlations with conservative ther. & surg. 54870

## ARTERITIS

***see also*** **AORTITIS**

***see also*** **PERIARTERITIS NODOSA**

aortic arch synd. (Ger) 6717 12083 35595 49636

aortic arch synd. (Rus) 41686

aortic arch synd., arteriography 31587

physiol. & ther., review (Fr) 32032

temporal, case report & review (Fr) 11895

***blood in***

cholinesterase in peripheral arteritis (It) 54196

***case reports***

segmental (Ser) 51691

temporal (Rus) 28830

***complications***

temporal, with eye dis. (Rus) 22549

temporal with myocardial infarct (Ger) 26506

***etiology and pathogenesis***

diabetes, sodium chloride ther. 9465

pulm. arteritis caused by pulm. hypertension with fatal hemoptysis 5700

retinal arteritis in rheum. arthritis (Fr) 14509

rheum. arthritis 48482

rheum. polyvisceritis & polyarthritis (Rum) 6582

rheum., relation to periarteritis nodosa (Rus) 41654

rickettsial dis. causing juvenile arteritis (Fr) 24768

rickettsial dis., serol. findings (Fr) 8251

rickettsial infect. (Fr) 47342

***in infant and child***

necrotizing arteritis of small intestine after surg. of coarctation of aorta 23515

***manifestations***

temporal, eye manifest. (Fr) 14508

***pathology***

temporal, structure & increase of granuloma form. (Ger) 24912

***therapy***

adrenal cortex hormones, depot prep., intra-arterial inject. (Fr) 6326

adrenal cortex hormones, intra-arterial admin. (Fr) 31089

lumbar sympathectomy with sclerotization of adrenal medulla by sodium salicylate inject. (Rus) 45665

temporal, chloroquine ther. (Pol) 8092

temporal, phenylbutazone ther. 18462

## ARTHRITIS

***see also*** **GOUT**

***see also*** **OSTEOARTHRITIS**

***see also*** **PERIARTHRITIS**

***see also*** **REITER'S DISEASE**

(Sp) 21201

***case reports***

alkaptonuric arthritis 41787

inflamm. manifest. of coxarthrosis (Fr) 50357

***complications***

dyschondroplasia, blindness & scleroderma (It) 52136

hemophilia (Dan) 10598

inj. aggravating arthritis, disability evaluation 40163

neurodystrophic, in coronary dis. (Rus) 45116

***etiology and pathogenesis***

1-dehydro-16α-hydroxy-fludrocortisone, case reports 6177

Hemophilus influenzae causing acute suppurative arthritis in adult, case report 11620

nerv. regulation in pathogen. of nonspecific polyarthritis (Fr) 4737

psoriasis 27964

psoriasis (Rus) 45217

psoriasis, review (Fr) 11287

pyoarthritis caused by local admin. of hydrocortisone, pathogen. & ther. 10421

***experimental***

eff. of Harpagophytum procumbens root tea in rats (Ger) 11291

eff. of hydrocortisone & phenylbutazone severity of lesions & on blood polysaccharide/protein ratio in rats 31297

***in aged***

classif. & ther. 19936

ther., thermal mud & balneol. ther. (It) 42583

***in infant and child***

chronic, with renal disord. (Pol) 7825

in chronic ulcerative colitis 35352

***manifestations***

pain, inflamm. origin (Fr) 50353

pain, significance & variation, review 29275

***metabolism***

sulfate levels in synovial fluid, comparison with synovitis, review 20014

***pathology***

blood vessels in arthritis of wrist, arteriography (Ger) 23090

coexistence of inflamm. & arthrosis (Fr) 50354

coexistence of inflamm. & arthrosis, histopathol. (Fr) 50356

coexistence of inflamm. & arthrosis, inflamm. evolution of arthrosis & sclerous evolution of arthritis (Fr) 50355

cricoarytenoid 43153

cryptococcic, in dog, autopsy findings 4651

reticulohistiocytosis 48179

***physiology***

thyroid funct. (Ger) 39072

***surgery***

elbow, restoration of movement (Fr) 9231

***therapy***

(Ger) 18950

aminopyrine-sodium salicylate-nicotinic acid-procaine prep., in inflamm. & degen. dis. (Ger) 11040

dihydroxyaluminum glycinate-mephenesin-salicylamide prep. causing thrombopenic purpura 37701

hydrocortisone & prednisolone in diabetics, intra-articular admin. (Ger) 10293

occup. ther. 38500

phenylbutazone & gold sodium thiosulfate in arthritis with chronic ulcerative colitis 19914

phenylbutazone, irgapyrin & 4-aminoantipyrine with 1, 4-diphenyl-3, 5-pyrazolidinedione, comparison (Ger) 36953

phenylbutazone-prednisone prep. (Ger) 11061

phys. ther. 2518

prednisolone, intra-articular inject. (Fr) 17651

## ARTHRITIS, RHEUMATOID

(Ger) 24319

clin. & ther. aspects (Sp) 8889

diag. & gold ther. 35203

diag. & ther. (Fr) 38790

etiol. & ther., review 18707

Gma factor, relation to severity of dis. (Fr) 47394

hip (Sp) 29361

hip, review (Ger) 42279

L. E. factor & Rose factor determ. in maternal blood & cord blood from their offspring 10959

L. E. factor, identification (Fr) 39874

L. E. phenomena, serol. differentiation from phenomena in disseminated lupus erythematosus patients (Ger) 39873

L. E. phenomenon 35205

review (Ger) 41742

rheum. factor, demonstration by measurement of boundary layer between serum & gamma globulins (Ger) 11297

rheum. factor, familial occurrence 13627

rheum. factor, isolation & characterization 31409

rheum. factor, occurrence in large amounts in patients 13628

2S rheum. factor, depolymerization by cysteine 15025

rheumatoid factor, quantitative studies 5154

### *blood in*

antistreptolysin O (Fr) 9241

chymotrypsin blockage by α1-glycoprotein 35214

Congo red binding to serum, comparison with binding to normal serum 32230

fibrinogen, eff. of phenylbutazone & cortisone (Ger) 23089

glycoproteins (Rum) 6586

glycoproteins in child., determ. & significance of variations (Fr) 16372

protein disord., pathogenetic significance & eff. of cortisone (It) 31756

proteins, Lugol solution precipitation test (Cz) 2749

sedimentation differential test 35213

vitamin A metab. in spinal & peripheral rheum. arthritis 24102

### *case reports*

cervical spine involvements, x-ray 13299

feet 41178

polyarthritis, with rheum. polyviscerits & arteritis (Rum) 6582

shoulder, measurement of joint mobility (Fr) 21412

unusual case 27076

### *complications*

adenopathy simulating Hodgkin's dis. (Fr) 40464

amyloidosis (Nor) 54988

ankylosis of finger joints 36298

asbestosis, histol. 10310

bilateral ankylosis of temporomandibular joint, case report 20688

cancer of liver with transitory arthritis with concurrent improvement (Fr) 10032

disseminated lupus erythematosus & hypertension, clin. & postmortem pathol. 48289

hand lesions, surg. correction 42049

hemorrh. diathesis caused by circ. anticoagulant (Fr) 54302

hemorrhagic diathesis, antithrombin V & hypergammaglobulinemia, review & case report 10346

hypercorticoniam, clin. manifest. & ther. 54850

larynx & lungs lesions 13297

leukemia (Rus) 45134

necrotizing vasculitis & thromboses 52641

nephrotic synd. (Ger) 46193

osteomalacia, case report (Fr) 54441

pericarditis & pleurisy, case report (Fr) 9654

peripheral vasc. dis. (Pol) 30853

pleuro-pulm. (It) 31752

pneumoconioses in boiler-scaler, histol. & x-ray manifest. 10308

pneumoconioses in foundry worker, histol. & x-ray manifest. 10309

polyneuritis (Fr) 40463

relation to hydralazine dis. & arthritis accompanying gross abnorm. of gamma globulin (Fr) 4736

relation to silicosis (Ger) 11299

retinal arteritis, case report (Fr) 14509

rheum. tenosynovitis, diag. & ther. 40605

rubella (Fr) 37915

sarcoma of pleura (It) 31754

scleromalacia, surg. with fascia lata graft 12454

silicosis (Ger) 39855

silicosis, case report (Cz) 30950

tenosynovitis, clin. study & review (Fr) 50351

thromboangiitis obliterans (Fr) 40462

Tietze's dis., case report (It) 31760

tuberc., Waaler-Rose reaction test 36308

ulcers of leg, histol. & differ. diag. (Fin) 27281

### *diagnosis*

bentonite flocculation test 40311, 40312

criteria of Amer. Rheum. Assoc. 47897

criteria proposed for diag. classif. 26291

early diag. (Rum) 31126

intracutaneous Congo red test 35477

latex fixation & lupus erythematosus cell test (Ger) 38999

latex fixation test 4466 35475 41167 41798

periston-latex test, diag. value (Ger) 23095

serodiag. (Ger) 24104, 46043

Waaler-Rose reaction (Ger) 29793

x-ray (Ger) 42346

### *differential diagnosis*

ankylosing spondylitis 35200

ankylosing spondylitis (Fr) 35199

ankylosing spondylitis, serol. tests 35211

disseminated lupus erythematosus 35206

disseminated lupus erythematosus, chloroquine ther. 24106

laboratory data 35215

primary (Dut) 27555

radiol. comparison with Reiter's dis. & ankylosing spondylitis 50402

### *etiology and pathogenesis*

4732

cancer of lung 31753

cancer of lung (It) 31746

funct. traction causing bone changes (Ger) 34301

hip, relation to dental focal infect. 52848

purulent, of knee, after hydrocortisone ther. (Fr) 44786

Reiter's dis. with marked cutaneous manifest. & subsequent rheum. arthritis (It) 31735

rheum. fever (Fr) 35203

### *experimental*

histol. lesions in tonsils in mouse (Ger) 35197

### *heredity*

3375

### *immunology*

agglutination activating factor, serol. findings 24099

agglutinin titer, exper. with rabbit erythrocytes (Fr) 51144

complement & complement component titers & properdin & agglut. promoting factors 23943

euglobulin agglut. of sensitive sheep erythrocytes & precipitation of colloidal benzoin in presence of normal gamma globulins (Fr) 35227

gamma globulin reactivity 13629

hemagglut. activator inhib. factor (Fr) 44793

hemagglut. factor, differ. diag. value 35209

hemagglut. test with cold-precipitated sera, increased sensitivity 35210

interactions between rheum. arthritic sera & human gamma globulin 11941

macroglobulins (Fr) 4734

properdin level relation to T2r+ phage neutralization (Fr) 47393

serial hemagglut. tests, comparative study 13626

serol. reactions 10420, 28016

serol. reactions (Fr) 35212

serol reactions, differ. diag. value (Fr) 4733

serum globulins, electrophoresis (Ger) 46190

sheep erythrocyte agglut. test 14685

washed sheep erythrocyte agglut. & latex fixation tests (Fr) 41934

### *in infant and child*

chronic ankylosing polyarthritis (It) 25629

rehabil. ther. 20002

review 24107

Still's dis. & juvenile rheum. arthritis, clin. statist. 36909

Still's dis. with iridocyclitis 8285

Still's dis. with subcutaneous nodules 13296

ther., adrenal cortex hormones (Sw) 45352

### *in pregnancy*

serum 17-hydroxycorticosteroid levels & joint sympt. during pregn. & following parturition 35473

### *manifestations*

method for describing, & classifying symptoms of rheum. arthritis (Fr) 54180

systemic & articular indexes for evaluating dis. activity & response to ther. 36910

systemic manifest., review 1204, 1205

x-ray aspects of bones & joints, evolution (Fr) 44778

### *metabolism*

arterenol-hydrocortisone homeostasis disord. (Fr) 4738

carbohydrate metab. 24103

steroids 35208

synovial fluid hyaluronate 36911

synovial fluid proteins, glycoproteins & lipoproteins, eff. of hyaluronidase treatment & time of exposure (Fr) 24100

### *pathology*

cartilage fibrils, electron microscopy (Ger) 11295

decalcification of finger bone, determ. by visual estimation & x-ray enlargement technic 35476

extraarticular lesions, review (Fr) 40459

heart (Fr) 40460, 54178

heart changes (Ger) 22897

histol. of osseous lesions of wrist in polyarthritis (Fr) 44779

histopathol. changes 35196

lipoid nodules in chronic cases, causes & pathol. 47899

lungs, clin. study & review (It) 31744

relation to rheum. fever, review (Fr) 21382

spine (Rus) 11292

x-ray aspects of endostotic plaques & articular & subarticular bone destruction 3164

### *physiology*

autonomic control of endocrine excretion (Ger) 11293

comparison with so-called rheum. variants 36908

conditioned reflexes caused by cold stimuli (Rum) 31123

kidneys (Pol) 43688

kidney funct. (It) 31759

photoplethysmography (Pol) 30828

skin response to ultraviolet light, eff. of corticosteroids 36292

stomach (Pol) 53140

### *statistics*

in Gt. Brit., urban & rural distribution 13294

### *surgery*

arthrodesis & arthroplasty 35216

hip, secondary to congen. disloc. (It) 25603

section of proximal interphalangeal articulation ligaments (Fr) 54179

### *therapy*

(Fr) 31732, 49749

(Sp) 9660

acetylsalicylic acid, causing occult stomach hemorrh. 14347

acetylsalicylic acid, phenylbutazone & adrenal cortex hormones 35219

acetylsalicylic acid with prednisone (Sp) 8192

ACTH & cortisone, eff. on blood & bone marrow (Rus) 31153

ACTH & phenylbutazone, side eff. (Pol) 53158

ACTH, eff. on body fluid balance (Rus) 53457

adrenal cortex hormones 35217, 35218

adrenal cortex hormones (Rus) 45182

adrenal cortex hormones & salicylates 43731

adrenal cortex hormones causing osteoporosis & fract. 35223

adrenal cortex hormones, review (Fr) 54329

adrenal cortex hormones, side-eff. after 5-years of continuous use 35222

p-aminobenzoic acid-aminopyrine-1, 2-diphenyl-3, 5-pyrazolidinedione prep. (It) 3729

balneother. & adjuvant nicotinic acid, local admin., for calorific nerve stimulation (Ger) 22832

basic aluminum glycinate-phenylbutazone-prednisone prep. 50688

bismuth (Ger) 23091

chloroquine 14395

chloroquine (Dan) 10603, 25825

chloroquine (Dut) 27556

chloroquine (It) 9262, 44363

chloroquine (Nor) 43244

chloroquine & quinacrine, long-term admin. (Dan) 10602

chloroquine diphosphate (Ger) 46195

chloroquine diphosphate (Sp) 21161

chloroquine, eff. on diuresis (Sp) 9693

chloroquine phosphate (Ger) 22900

chloroquine with primaquine (Dan) 10604

chlorpromazine as substitute for cortisone deriv., clin. study & review (It) 53839

chrysother. (Fr) 53310

conservative ther. 41786



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

cortisone, akene & with 4β-chloro-testosterone acetate (It) 31767
cortisone & gold, comparison (Fr) 35225
cortisone, causing cardiovasculitis (Ger) 11289
cortisone, causing hypoglycemia (Ger) 46196
cortisone causing perf. & gangrene of gallbladder 2602
cortisone, hydrocortisone, prednisone & prednisolone (Por) 44376
cortisone, long-term ther., statist. 35472
1-dehydro-16α-hydroxy-fludro-cortisone 36302
1-dehydro-16α-hydroxy-fludro-cortisone (It) 44377
dextro propoxyphene (Sp) 32457
drug combinations (Fr) 35221
drug ther., review 51601
17α-ethyl-4(5)-estren-17β-ol-3-one with prednisone (Dan) 45504
exercise ther. 47898
48761
exercise ther. (Sw) 45330
fludrocortisone (Ger) 39061
9α-fluoro-16α-methyl-1,4-pregnadiene-11β,17α,21-triol-3,20-dione 36299
9α-fluoro-16α-methyl-1,4-pregnadiene-11β,17α,21-triol-3,20-dione (It) 42667
gold, intramusc. inject. 9761
gold salts, results (Ger) 29468
gold ther., eff. on agglutinating factor in blood (Fr) 44781
hexylresorcinol, statist. 21408
hydrocortisone acetate & tert-butylacetate, comparison of intra-articular inject. 18371
hydrocortisone, admin., intra-articular, eff. on composition & properties of synovial fluid 36107
hydrocortisone & prednisolone & tert-butylacetate deriv., intra-articular inject. 17017
hydrocortisone & related cpds., intra-articular inject. 54188
hydrocortisone, deterioration of knee after intra-articular inject., x-ray manifest. 18372
hydrocortisone, intra-articular admin. in sub-astragalar arthritis (Fr) 21415
hydrocortisone ther. of knee (Sw) 32864
ipronizid 54187
mesoinositol-prednisolone-methyl-androstenediol prep. in tonic ther. (It) 39524
6-methylprednisolone (It) 44378
mild insulin-induced hypoglycemia, eff. on urinary 17-ketosteroids (Pol) 30841
phenylbutazone & prednisone causing peptic ulcer in patient with achlorhydria, case report 36256
phenylbutazone & prednisone, hematol. (Ger) 35220
phys. ther., case report 53108
physician's responsibilities 17769
prednisolone acetate, intramusc. admin. 13295
prednisolone, causing onset of centrosomatic vertebral tuberc. (Fr) 44783
prednisone & prednisolone causing peptic ulcer, relation between duration of ther. & frequency of ulcer 35474
prednisone & prednisolone, prev. of gastrointestinal disord. with adjuvant antacid 14542
progn. 36297
pyrazolidine, side-eff. (Rus) 9860
3-pyridinemethanol, results (Ger) 42931
rehabil. 20365
rehabil. in severe deformity (Ger) 13382
rehabil. of hand funct 14629
saccharated iron oxide, results of intravenous admin. 36303
salicylates, mechanism of anti-inflamm. eff. 35224
salicylazosulfapyridine 35226
steroids (Ger) 372
streptoc. vaccine intra-arterial inject. (Fr) 2477
systematic phys. management 24713
ther. success in subacute form (Fr) 9511
thioctic acid, akene & with prednisolone (It) 31765
trial arrangement (Dan) 10605
triamcinolone 48516
triamcinolone, in patients with & without psoriasis (Sp) 51618
triamcinolone, results (It) 53802
2,2,2-trichloroethylamine HCl (Ger) 11296

*urine in*

arterenol & epinephrine, reversal of excretion ratio 35207
creatine excess (Ger) 46192
17-hydroxycorticosteroid excretion after ACTH stimulation, comparison in men & women 195

**ARTHROPODS**

*see also* ARACHNIDA
*see also* CENTIPEDES AND MILLIPEDES
*see also* CRUSTACEA
*see also* INSECTS

Armillifer moniliformis infect. in monkey (Pol) 33807
arthropod-borne virus dis. in Africa, control problems 1090
eff. of insecticides on arthropod parasites & predators, resist. & adaptation (Fr) 20797
insecticide resist. 11080
vectors of commun. & parasitic dis. in man (Sp) 18863
vectors of infect. & parasitic dis. in man (Sp) 42240

*ARTHUS PHENOMENON see* ALLERGY

**ARTIFICIAL LIMB**

*see also* PROSTHESIS

above-knee, checking for suitability (Fin) 37280
above-knee, clin. problems 4547
application of engineering technol. to stimulation of human motions 47523
artif. elbow joint (Ger) 39840
for arm amputees, review (Fr) 31892
for partial amputation of arm & hand (Fr) 23661
hand, rehabil. 617
kinetic picture of thigh of artif. leg in relation to walking speed & friction in knee (Ger) 34262
Krukenberg grasping arm in hand amputees, phantom limb movements as basis for practice ther. (Ger) 18914
role of engineer in prosthetic develop. 47527
thigh & hip amputations, indic. for light-metal cup prosthesis (Ger) 34263
train. of child. in use of artif. hands & limbs, role of pub. health nurse 52800
52801

*ARTIFICIAL RESPIRATION see* RESPIRATION, ARTIFICIAL

*ARYTENOID CARTILAGE see* LARYNGEAL CARTILAGES

*ASBESTOSIS see* PNEUMOCONIOSES

**ASCARIASIS**

diag. & ther. (Ger) 15453

*case reports*

common bile duct containing 25 ascarides (Sp) 27527
hepatic & common bile ducts, postop. in surg. of extrahepatic ducts (It) 192
multiple liver abscesses caused by Ascaris lumbricoides 17920

*complications*

causing Loeffler's synd. with urticaria (Fr) 51389
fatal aspiration of Ascaris (Rus) 18899
intestinal obstruct., diag. & ther. (Sp) 38541
intestinal obstruct. in child., case reports (It) 24942
lumbricoides, indic. for surg. 50700
ment. disord. (It) 32160
pancreatic duct obstruct. by ascarids causing necrotic pancreatitis (Rus) 18239

*epidemiology*

(Rus) 51731
progn. aspects of monthly curves (Rus) 51732

*experimental*

Ascaris suum infect. in swine, with influenza, mortal. 4649
lumbricoides causing liver granuloma in rabbits 11750
pathol. changes in host during first stages of larvae migration (Rus) 51737
relation to Salmonella gallinarum infect. in chicks (Pol) 33754
suis, inducing eosinophilia in mice (Ger) 24314

*in infant and child*

causing eosinophilia & bronchopneumonia, case report (Sp) 13901
intestinal, with polyposis of small intestine causing ileo-ileal invagination (It) 44336
ther. with oxygen, technic 14941

*prevention and control*

(Rus) 51734
mass control of foci (Rus) 51733
piperazine adipate & phosphate, in foxes (Pol) 33751

*therapy*

chenopodium & piperazine sulfate (Rus) 18872
piperazine, single dose (Sp) 29374
51663
proteases, in chickens (Pol) 33752

**ASCARIDOIDEA**

*see also* ASCARIS
*see also* TOXOCARA

Ascaridia dissimilis from turkeys 5601
chemicals active against ascarids, basic exper. 33883
control of common poultry ascarid by treating soil with sodium-pentachlorophenate 5135
morphol. ecol., phylogeny & parallels in host-parasite evolution, review (Ger) 55570
Toxascaris leonina, biol. (Ger) 34304

**ASCARIS**

acetoin & α-acetyl-lactic acid form. by Ascaris lumbricoides 3523
eff. of drugs (Pol) 33742
eff. of oxygen, anthelmintic action against Ascaris lumbricoides in vitro 16303
eff. of physiol. cond. of ascarides on rapidity of their death in oxygen (Rus) 13884
eff. of Streptomyces culture filtrates on ova of Ascaris, relation to activity on tumor cells 16799
ergastoplasmic origin of protein granules in spermatocytes (Fr) 3047
fluid environment, influence of pH & eff. of antibiotics & dehydroacetic acid in fluid media on survival length and duration of normal locomotion 40204
interactions with bact. in intestinal zoonoses of hogs & horses (Ger) 34516
lumbricoides & suum egg, eff. of radiations on larvae (Rus) 51736
lumbricoides eggs in soil (Pol) 33739
suis, incubation (Pol) 33749
tox. interoceptive intestinal & vasc. reactions to extracts (Rus) 18869
toxin, eff. on immune body prod. (Rus) 34675

*ASCHEIM-ZONDEK TEST see* PREGNANCY TESTS

**ASCITES**

ascitic fluid fibrinogen & prothrombin, determ. in differentiation of liver cirrhosis & cancer (It) 20819
pathogen. & surg., review (It) 21015
pseudochylous, origin & nature 33073

*case reports*

chylous 155
chylous (Fr) 55121
chylous peritonitis, acute spontaneous 24794

*complications*

chylous, with bilateral chylothorax 850
hydrothorax in patients with solid ovarian tumors, etiopathogen. (It) 14011

*diagnosis*

laparoscopy, value in difficult cases (Fr) 21743
radioiodinated human serum albumin clearance as technic for differentiating ascites caused by nephritis & liver cirrhosis 50020

*etiology and pathogenesis*

aldosteronism causing ascites in liver cirrhosis & ther. use of aldosterone antag. (Sp) 44516
cancer of ovaries, lactic dehydrogenase in ascitic fluid (It) 42578
cancer of ovaries, review (Sp) 44525
chronic arsenic pois. causing ascites, liver cirrhosis & kidney damage (Hun) 52935
congestive heart failure, eff. of withdrawing ascitic fluid on water-electrolyte metab. (Pol) 30800
liver cirrhosis, eff. in intrapleural pressure 40916
liver cirrhosis, surg., combined hepatic & portal decompression by double portacaval shunt 30098
liver cirrhosis, ther., acetazolamide & 6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1(2H)-dioxide, akene & combined 43146
liver cirrhosis, ther., Δ4-estrene-17β-ol-3-one-17α-(3-propionic γ lactone 28997

*experimental*

form. in intact & in diabetes insipidus infused dogs, eff. of rapid water, sodium & dextran loading 12548
local factors in etiol. & pathogen. of ascites in dogs 16838
prod. by gradual complete occlusion of hepatic veins in dogs 20789

*history*

described by Celsus in 30 A.D. 12260

*in infant and child*

chylous 37656
in newborn, case report 160

*ASCORBIC ACID see* VITAMIN C

*ASEPSIS see* ANTISEPSIS AND ASEPSIS

**ASPARAGINE**

eff. on acetylcholine metab. in cerebral cortex tissue from epilepsy-predisposed dogs (It) 1902
plants, enzymic transform., review 35561

*ASPARTASE see* AMIDASES

**ASPARTIC ACID**

*effects*

on ECG signs of exper. myocardial infarct, admin. of salts in rabbits (Fr) 26800
ornithine-aspartic acid mixture on chronic carbon tetrachloride pois. in young rats (It) 1881
potassium & magnesium salts of dl-aspartic acid, on CO2 in blood in induced hypercapnea in dogs (Fr) 48869
potassium & magnesium salts on hyperammoniemia of exper. hemorrh. shock in rabbits (Fr) 38737

*metabolism*

in nitrogen metab. studies in human neoplastic dis. 14753
plants, biosynthesis, review 35561
role in preserv. of environmental reactivity of cells & tissues (Fr) 8236

*related compounds*

ε-(γ-aminosuccinyl)-lysine form. from ε-aspartyl-lysine, bacitracin A & cell walls of lactobacilli in strong HCl 25860
ε-aspartyl-lysines & isohexylamides of aspartic acid, synthesis 25859

α-L-β-methylaspartic acid enzymic synthesis in Clostridium tetanomorphum 47710

salts of DL-aspartic acid, pharmacol. (Fr) 24750

## ASPERGILLOSIS

***case reports***

allergic pulm. 24302

external auditory canal, ther. & case reports (Fr) 44668

lungs, intracavitary (It) 8555

pulm. aspergillosis with cavitation, iodide ther. assoc. with unusual electrolyte disord. 52644

***complications***

allergic primary pulm., with Schoenlein's purpura 48305

scalp lymphosarcoma in pulm. aspergillosis 20308

***experimental***

eff. of cortisone & antibiotics on pulm. aspergillosis in mice 47089

***pathology***

aspergilloma of lung (Por) 6571

39465

***therapy***

nystatin 48323

potassium iodide with prednisone in chronic primary aspergillosis of lungs (Fr) 53433

trichomycin in pulm. aspergillosis (Ger) 34468

## ASPERGILLUS

fibrinolytic activity of extracts from non-pathogenic species 31450

flavus protease, anti-proteolytic eff. of human & animal sera against (Fr) 37833

fumigatus, toxic eff. of metab. products in dogs (Ger) 23108

in soil, antag. to pathogenic bact. (Rus) 51936

oryzae, eff. of lytic enzyme from Bacillus circulans & chitinase from Streptomyces 52419

sydowi, choline sulfate, enzymic form. 13814

terreus mutant, isolation of itaconicoxidase from 19465

velutinus, prep. of antibiotic velutinin (Rus) 36374

## ASPERGILLUS NIGER

aldolase, zinc as specific coenzyme (Fr) 15067

condensing enzyme, separation from acetyl-coenzyme A deacylase & citrogenase & eff. of magnesium ion on the purified fraction 42986

m-dinitrobenzene causing growth inhib., reversal by amino acid mixtures 31460

eff. of fungicides on spores & mycelia, comparative mechanism of action 25153

filtrate causing curvature of roots of corn plants 9574

glutamic-aspartic transaminase & succinic dehydrogenase activities during citric acid accumulation (It) 39227

intermediary metab. (Ger) 3463

inversion of peat juice (Rus) 19130

organic acid biosynthesis during fermentation 49291

## ASPHYXIA

as means of suicide, medicolegal aspects (Ger) 12105

brain pathol. (Rus) 55855

eff. on galvanic skin response before & after spinal transection 50943

eff. on lungs in dead & resuscitated guinea pigs, electron microscopy (Ger) 55365

eff. on sodium & potassium metab. in acute asphyxia in cat (Bul) 16427

fatal asphyxia caused by sulfites in cellulose workers (Ger) 46222

in endotracheal intubation in child. (Ger) 38932

in tracheotomy, emergency technic 54877

induction of reversible disord. of phosphorolysis of hepatic glycogen in frogs (Fr) 48880

phosphorolysis of musc. glycogen in frogs (Fr) 26681

resuscitation, Holger-Nielsen method (Ger) 46218

syncopo-asphyxial accid., pathogen., physiopathol. & ther. (Fr) 36205

## ASPHYXIA NEONATORUM

48334

etiol., pathol. & ther. 16322

fatal, in obst. clinic of Milan (It) 13102

fetal, as cause of monsters 7435

fetal, indic. for cesarean section (Ger) 24803

resp. emergencies in newborn 25034

toxic apnea (Ger) 33966

***complications***

cardiac murmur in newborn 48259

***etiology and pathogenesis***

bilateral stenosis of nasal passages in inf. with Crouzon's dis. 34938

choanal atresia, case reports 41271

hyaline membrane dis. 30421

imperforation of posterior nares (Fr) 30475

nasopharyngeal teratoma, case report 5294

resp. disord. & pulm. dis. in newborn with intracranial lesions 24895

umbilical cord prolapse, resuscitation with effortil in absence of pulse, umbilical vein admin. (Ger) 34583

***experimental***

induced by blood circ. disord., CNS changes in dogs (Rus) 46815

***metabolism***

30431

***physiology***

amount of gastric contents 282

rectal temperature 14294

***prevention and control***

anacardiol (It) 9419

***therapy***

blood transfusion with arterial heparinized blood 284

cropropamide-crotethamide prep. (It) 51963

electronic resuscitator for possible use in asphyxia neonatorum 46062

fetal, maternal alternate oxygen-trichloroethylene inhalation (Ger) 11441

intragastric oxygen. admin. 16323

nalorphine (It) 21486

oxygen, rectal admin. (It) 6886

premature inf., tracheal intubation & alternating pressure resp. (Ger) 55509

resuscitation appar., pendulum-rocker type (Ger) 27697

resuscitation by analeptics, review (It) 20906

resuscitation with Liebau insufflator (Ger) 46282

review (Ger) 32972

## ASPIRATION

bronchial, with bronchoscope in resp. tract dis. in inf. & child (Hun) 3652

gastric contents during anesth., management 14573

gastric contents into resp. tract during anesth., prev. (It) 19154

gastric, in perforated gastroduodenal ulcer (Por) 13595

nasogastric intubation, indic., technic & compl., review 12828

prev. during induction of anesth. 47308

***ASPIRIN see*** ACETYLSALICYLIC ACID

## ASTHENIA

ACTH ther. (Rus) 46315

cortisone with dehydrocorticosterone & desoxycorticosterone oral ther. (It) 3715

vitamin B1-B12 ther. (Fr) 54478

***ASTHENIA, NEUROCIRCULATORY see*** NEUROCIRCULATORY ASTHENIA

## ASTHENOPIA

in television viewing, ther. (Ger) 28899

ther. (Ger) 15403

## ASTHMA

***see also*** HAY FEVER

classif. & ther. (Fr) 33424

defin., etiol. & mortal. statist. in U. S. 31245

etiol. & pathol. 23528

etiol., pathogen. & ther. (Ger) 46798

exam. of asthmatic (It) 42699

relation to sex hormone secretion in female, physiopathol. & ther., review (Fr) 50553

***blood in***

basophil count 23700

blood proteins, electrophoresis 36241

epinephrine & histamine levels, relation to hypotension (It) 6894

iron 46599

protein-bound carbohydrates, electrophoretic patterns 39237

***case reports***

(Fr) 9075

45541

***complications***

acute asthmatic attack with vasomotor collapse, case report 50130

acute paroxysm causing death (Rus) 51227

aggammaglobulinemia in women 35721

argentaffinoma of ileum with hepatic metastases (Fr) 36646

asthma-eczema-hay fever-urticaria synd. 53058

cardiovasc. dis. in adults, manifest. & ther. (Fr) 43734

cardiovasc. disord. (Fr) 37935

cardiovasc., ther. (Fr) 31074

congestive heart failure (Fr) 9659

diabetes mellitus 35167

dyspnea, ther., felsol (It) 39508

eosinophilic myocarditis & Loeffler's synd. (It) 9314

hypogammaglobulinemia, acquired, case report 43144

Loeffler's synd., ACTH ther., case report (Pol) 38107

lower resp. tract infect. in chronic asthmatic bronchitis (Ger) 9542

lung compl. in surg. on asthmatic patients 49182

periarteritis nodosa (Rus) 21903

pneumothorax, spontaneous (Fr) 53241

sinusitis, surg. (Ger) 12200

Tietze's dis., hydrocortisone ther. 50133

***diagnosis***

inhalation tests of bronchial hypersensitivity in pollen asthma 10318

skin & other tests (Sw) 10163

skin & provocation tests (Sw) 23139

skin tests (Sw) 45338

skin tests, evaluation (Sw) 54802

spirography, technic (Fr) 50560

***etiology and pathogenesis***

allergic & non-allergic factors (Ger) 4254

allergic, infective & psychol. factors, assessment of relative importance 34998

almond pollen sensitivity 37951

cardiovasc. dis., manifest. & ther. 16798

constitutional origin of asthma 16524

contribution of Willem Storm van Leeuwen 35000

develop. of wheal at tuberculin P.P.D. test site associated with asthma attack, mechanisms 16625

expert testimony on asthma as seq. to accid. (Ger) 42888

food allergy (Sw) 45348

p-phenylenediamine dye allergy in fur workers 50124

prosopis tree as cause of hay fever & asthma in Southwest & So. Africa 54515

intractable asthma caused by aspiration of cork from nebulizer, surg. removal from bronchus 13147

sulfanilamide sensitization, case report (It) 36733

***experimental***

acrolein-induced, possible application of pathogen. to human asthma (Fr) 54455

conditioned reflex induction 20875

induction in guinea pig by extracts of human lung tissue 23523

serotonin-induced, eff. of mono-amino-oxidase inhibitors (Ger) 12182

***in infant and child***

antistaphylolysin titers in sera of affected child. 23530

clin. picture & pathol. (Rus) 43542

diag. & ther. (Fr) 25443

differ. diag. & ther. 52131

early diag. & ther. 5285

eff. of aminophylline & isoproterenol on lung volumes in sympt.-free child. 12004

etiol. role of bact. allergens, theory of allergic balance & ther. (Hun) 39736

follow-up (Dan) 22398

incidence in pediatric clinic of Milan (It) 42791

maintenance of allergic equilibrium, ther. value (Ger) 52174

management 42085

maximum breathing capacity & resting minute volume in sympt.-free asthmatic child. 12005

mechanics of breathing in provocation test, clin. value 393

phys. conditioning program for asthmatic child. 28145

psychol. aspects in ther. 34999

psychosomatic aspects in management of child. 28016

psychosomatic origin & ther. (Sp) 1560

relation of bronchiolitis in infancy to childhood asthma 50125

resp. volume in asympt. asthma 389

review 4256

statist. in school child. in Copenhagen 23534

ther. (Sp) 20651

ther., ACTH & cortisone (Sw) 45354

ther., antibiotics & adrenal cortex hormones 45803

ther., fluid-electrolyte ther. in severe asthma 21860

ther., hydrocortisone hemisuccinate inhalation, negative results 41832

ther. of acute attacks 40277

ther., prednisone, statist. (Cz) 14855

ther., results 42086

with atelectasis 14548

36278

with atelectasis (Nor) 7484

with pulm. atelectasis (It) 42775

x-ray ther. (Rus) 10804

***in pregnancy***

ther., bazasthman-new (Sp) 31778

***manifestations***

progression from latent to open clin. manifest (Fr) 45023

***pathology***

histomorphol. & histochem. of bronchial mucosa (It) 6917

mucosal lesions of bronchi in asthma-like dis. (Fr) 37919

nose & nasal sinuses, allergic & infect. dis. 50008

***physiology***

eff. of bronchial inhalation of lidocaine & procaine on resp. musc. during attacks, electromyography (Ger) 12195

eff. of sea shore climate (Ser) 21958

eff. of seasonal variations in relation to pollen count & fungal spore content in air 33527

eff. of weather (Ger) 12180

liver (Fr) 44158

nasobronchial reflex, inhib. eff. of prednisolone aerosols in hay fever ther. (Sp) 3318

resp. funct. tests 27258



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

reversibility of intrinsic asthma, follow-up study 16523

sensitivity of lungs to acetylcholine aerosol, diag. value (Fr) 4261

***psychology***

psychodynamics of asthmatic (Sp) 44489

psychogenic factors, review 15041

psychogenic, meprobamate ther. (Fr) 41149

psychosomatic aspects (Ger) 8152

relation of postpartum resp. experiences to progenital mastery, psychoanalytic interpretation 4267

***statistics***

in Australia 4252

in Germany (Ger) 20100

in Iraqi Jews migrating to Israel 13149

in Netherlands, soc. aspects (Ger) 24320

***therapy***

27520

(Fr) 49735

(Sw) 10191

ACTH (Rus) 45138

ACTH & prednisone (Ger) 22833

ACTH, cortisone & prednisone (Ger) 53306

ACTH, cortisone, hydrocortisone & prednisolone (Nor) 45423

ACTH, eff. on blood sugar & proteins (Rus) 51218

adrenal cortex hormones causing spontaneous femur fract., case report 32365

adrenal cortex hormones, eff. on intraocular pressure 661

adrenal cortex hormones, sympathomimetics & xanthine deriv. 2278

allergic & nonallergic asthma 50742

antibiotic-mucolytic-antiseptic drug (Sp) 20640

artif. resp., curarization, procaine block of spinal nerve roots & tracheotomy (Fr) 2487

asthma-longoral (Ger) 42388

asthma-longoral, oral admin. (Ger) 32960

breathing exercises 1128

breathing exercises, mechanics & value 1202

care of chronic asthmatic in winter 43786

climatother., value of Florida climate 20105

drug ther. hazards 38126

drug ther. without adrenalin (Ger) 51830

ephedrine-phenobarbital-theophylline prep. (Ger) 32970

epinephrine & isoproterenol aerosol prep. 45098

epinephrine - posterior pituitary extract prep., admin. by nasal tampon, absorp. in man & exper. animals (Ger) 23748

epinephrine, potentiation by ganglion-blocking agent 1125

follow-up study 38039

group psychother. (Dut) 53534

histaminazoprotein (Ger) 12199

hydrocortisone powder 2225 2226 2227 26156

hydrocortisone, prednisone & prednisolone (Sp) 32429

insulin hypoglycemia (Cz) 14778

isoproterenol, admin. as aerosol alone & with positive-pressure breathing appar., comparative eff. on ventilation (Sp) 42216

isoproterenol inhalation (Sw) 45337

isoproterenol-phenylephrine aerosol, eff. on air flow dynamics of maximal voluntary cough 17016

methylphenidylacetate 17648

phenylbutazone & prednisone (Ger) 10295

prednisolone, significance of eosinophils in sputum 41831

prednisone aerosol ther. (It) 42760

prednisone & other adrenal cortex hormones, possible develop. of addict. 28026

procaine, postther. hair growth in alopecia of 40 years duration (Ger) 51853

procaine-theophylline-posterior pituitary hormone prep. (Ger) 29438

psychother. 18810

radiother., develop. of myxosarcoma & scirrhous carcinoma in irradiated area (Ger) 32642

recovery (Sp) 44392

rehabil., review (Ger) 50013

sex hormones (Fr) 49743

theophylline, comparison of oral admin. in alcohol-water medium or in plain water medium 50127

trachanthin (Rus) 10238

***urine in***

17-ketosteroids & 11-oxysteroids 4391

**ASTIGMATISM**

in surg. of glaucoma & cataract (It) 13937

***diagnosis***

diag. technics (Ger) 23882

homokonic cross cylinder test, configuration & orientation of test patterns 24564

Jackson's cross-cylinder test, value & limitations (It) 36215

new chart for testing 695

simple device to determ. angle of corneal astigmatism 106

**ASTRAGALUS**

***see also*** **ANKLE**

***see also*** **FOOT**

circ. disord. in astragalus after fract. of astragalus neck (Cz) 35039

extra-osseous & intra-osseous vasc. network 16980

isolated complete open disloc. (Rus) 52872

self-reduced disloc. of talus in ankle inj., diag. 50274

Shepherd's fract., mechanism & x-ray aspects (It) 9346

talalgia, radiother. (Fr) 48958

talocalcaneal bridge, diag. & x-ray aspects 38400

***ASTROBLASTOMA see*** **ASTROCYTOMA**

**ASTROCYTOMA**

brain, x-ray diag. & differentiation from medulloblastoma 35412

cerebellum in child. (Rus) 22667

classif. according to Kernohan, clin. value (Ger) 45981

classif., dedifferentiation of mature astrocytomas in glioblastoma multiforme & case report (It) 39656

left cerebral hemisphere in child, clin. pathol. conf. (Sp) 13903

occipital lobe, glioma 18 years after total extirpation (Fr) 19777

spinal cord, with postop. dissemination along ventricles of brain 50955

***ATABRINE see*** **QUINACRINE**

***ATARAXICS see*** **TRANQUILIZING AGENTS**

**ATAXIA**

acute, etiol., manifest. & case reports 34989

cerebellar, acute isolated, recovery (Fr) 44727

cerebellar ataxia in Turkish med. literature (Fr) 44732

cerebellar, eff. of exper. vestibular system damage in monkeys 12932

cerebellar, etiol., manifest. & differ. diag. 43127

cerebellar, Hartnup dis. (Ger) 28943

cerebellar, of undetermined origin 182

enzootic, in sheep, caused by copper defic. 4840

in offspring of manganese-defic. rats 41225

Refsum's dis., 3 cases in single family 48710

Refsum's synd. with diabetes mellitus, case report 1407

Roussy-Levy's dis. 9824

Roussy-Levy dis. (Pol) 30068

swayback in sheep 20706

***ATAXIA, FRIEDREICH'S see*** **HEREDITARY SPINAL SCLEROSIS**

**ATELECTASIS**

middle lobe synd. (Ger) 25808

middle lobe synd. (Hun) 45474

middle lobe synd. (Pol) 16039

middle lobe synd. (Sp) 18839

middle lobe synd., bronchoscopy & bronchography 36287

middle lobe synd., clin. & x-ray manifest. (Ger) 42399

middle lobe synd., correlation of bronchoscopic & x-ray manifest. 1563

middle lobe synd., review & case reports (Por) 44468

middle lobe synd., x-ray diag. (Rus) 51216

postop., pathogen., diag. & ther. (It) 36969

review (Cz) 38128

***case reports***

recur., relieved by acute bronchitis 29298

***complications***

left lung, with recur. paralysis in coarctation of aorta with poststenotic aneurysm (Ger) 382

lung cancer, histopathol. of atelectatic areas (Rus) 54554

***diagnosis***

x-ray in postop. & posttraum. cases (Ger) 34549

***etiology and pathogenesis***

acute hemorrhagic pancreatitis with transcavital hemorrh. & elevation of diaphragm, case report (Sp) 1811

bronchial rupt. (Cz) 2739

reversible atelectasis caused by mediastinal lymph node dis., case report (It) 23673

right, after appendectomy (Bul) 32748

***experimental***

absorp. of accumulated gases in human body in develop. of atelectasis, model exper. (Ger) 55563

***in infant and child***

capillary circ. & pulm. structural appearance in dead fetuses & newborn inf. 11997

follow-up (Pol) 16038

in asthma (Nor) 7484

in newborn inf. (Rus) 33276

in newborn, radiol. & ECG manifest (It) 13104

in premature inf., ther., tracheal intubation & alternating pressure resp. (Ger) 55509

lobar, during bronchial asthma, case report (It) 42775

massive, caused by bronchial asthma, case report 14548

massive, in bronchial asthma in child 36278

ther., bronchoscopy with ephedrine & epinephrine (Pol) 16036

***physiology***

eff. of chronic atelectasis on bronchial & pulm. blood flow in dogs & man 48723

***ATHEROSCLEROSIS see*** **ARTERIOSCLEROSIS**

**ATHETOSIS**

hemi-athetosis, caused by calcified tuberculoma of basal ganglia (It) 28733

midbrain pedunculotomy in athetoid cerebral palsy, eff. on speech 18094

Osler-Vaquez dis. causing recur. choreoathetosis, case reports (Fr) 18562

vasomotor disord. in imbecile, case report (Fr) 27340

**ATHLETICS**

***see also*** **DIVING**

***see also*** **EXERCISE**

***see also*** **PHYSICAL EDUCATION AND TRAINING**

accid. prev. 45273

accid. review (Ger) 42266

Achilles tendon inj. in athletes, heparin ther. (Sw) 19944

aortic wall movements, electrokymography in champion athletes 24861

apophyseal disord., manifest. & ther. (Fr) 15189

athletic activities after surg. in child., indic. & contraindic. (Ger) 46021

avulsion fract. of pelvis (Ger) 11144

ballistocardiography in athletes (Sp) 8674

biol. & physiol. adaptation of man to sports (It) 21506

blood cholesterol in skiers 24868

blood in athletes (Cz) 38223

brain inj. of boxers, EEG of neurophysiopathol seq. (Sp) 39094

burso-ligamental appar. of lower radioulnar articulation in athletes (Rus) 52857

camphor ther. of athletic inj. (Ger) 38940

cardiac arrest in soccer-player (Ger) 12077

dietetics in exertion (Fr) 178

179

ECG & clin. exam. of athletes (It) 27460

eosinophil count in skiers as demonstration of daily activation of adrenal cortex 48331

ethical aspects (Ger) 49055

fatigue, physiol. & ther. (Fr) 14378

fatigue, prev. by vitamin C admin., measurement of efficacy by Donaggio test (Fr) 14382

fatigue, relation to endocrine physiol. (Fr) 14380

foot health program for high school athletes 4575

football inj., prev. & ther. 17389

for child., competition in 16629

for child., educational aspects 16628

for child., programs 16627

head inj. in soccer (Ger) 39077

hematuria in boxers 18644

humeral fract. caused by ball-throwing, case reports 55131

inj. to athletes, ther. 19975

joint dis. in football players (Ger) 19338

knee inj., management 5863

med. aspects in Russia (Rus) 45247

med. aspects of athletics & physiol. of athletes (Sp) 1813

med. exam., application of step test (Fr) 185

med. supervision in athletics for child. 50216

Medford Boys' Growth Study for determ. of value of athletic train. 7506

medicolegal aspects of athletic activities of military personnel (It) 19338

Pan Am. Jets, sports team for paraplegics 18030

periostosis of spinous processes, in athletes (Ger) 25346

reconstruction of winter stadium in Leningrad, hyg. problems (Rus) 33332

resp. funct., radio transm. (Rus) 15770

resp. minute maximum ventilation in athletes (It) 52064

responsibilities of team physician in screening prospective athletes & treatment of inj. 5857

sex differences in performance pulse index (Ger) 11155

ski accid., serv. at Memorial Hosp. of No. Conway, New Hampshire 27940

ski safety release 48270

skiing inj., prev. by safety bindings (Fr) 38779

statist. on participation in Alpine sports (Ger) 36428

tachostyptan ther. of athletic inj. (Ger) 19447

**ATLANTO-OCCIPITAL JOINT**

abnorm. (Fr) 9651

anomaly with mirror movements in 7-year old child. (It) 32133

arcal foramen as anat. variation (Sp) 8884

basilar impression, congen. & in osteitis deformans, diag. & review (It) 8547

basilar impression with Arnold-Chiari malform. causing hemifacial spasm, surg. correction (Fr) 43119

basilar impression, x-ray diag. with measurement (Ger) 34610

unusual malform., stratigraphic diag. & case report (It) 9338

## ATLAS AND AXIS

abnorm., x-ray diag. (Ger) 47686

absence of odontoid process causing cervical myelopathy 66

assimilation of atlas, clin. aspects & x-ray findings, differ. diag. from dis. of NS (Ger) 3614

malform. of atlas, causing cervico-occipital neuralgia, simulating spinal arthritis (It) 36208

movement possibilities (Nor) 10369

subluxation, ther. (Rus) 43392

***ATLOIDO-OCCIPITAL JOINT*** *see* ATLANTO-OCCIPITAL JOINT

## ATMOSPHERIC PRESSURE

*see also* ALTITUDE

*see also* ANOXIA

eff. of high hydrostatic pressure on cocaine & veratrine action on toad sciatic nerves 50577

eff. on cell physiol., review 32356

eff. on electrophoretic pattern of blood proteins in endocrine defic. in rats 25431

eff. on human resist. to heat (Rus) 22625

eff. on metab. in rats, with heat or cold 732

eff. on resp., method of pneumatic registration in animals (Rus) 10895

exper. eff. of explosive recompression 4707

high-low pressure chamber for simulated extreme conditions (Sw) 29223

inactivation of polio. virus by high pressure, influence of temperature (Fr) 13044

measurement methods & importance in studies on high altitude resp. 19626

pressure chamber tests for aviators (Rus) 22627

pulse & resp. registration in pressure chambers (Rus) 22626

## ATOMIC ENERGY

*see also* NUCLEAR PHYSICS

*see also* RADIATION PROTECTION

accid. at atomic factory in England (Nor) 10376

biol. significance & applications 6249

British research establishment, pub. health aspects 44854

diffusion of gases discharged from chimney of Harwell atomic energy research center in England 40143

eff. of release of radioactive fission products on man's environment & ecology 23326

eff. on ment. hyg. 38053

indust. hyg. in atomic industry (Cz) 30956

iodine-131 in human thyroids following Windscale reactor accid. 42982

med. serv. of applied nuclear research center (It) 42227

Oak Ridge National Laboratory Health Physics Division annual progr. report 23324

peacetime applications 5384

9260

54401

progr. & future develop. (Fr) 6946

prospects of atomic era (Fr) 37771

pub. health aspects, post-graduate train. 55411

radon content of ground level air at Harwell atomic energy research center in England 40144

reactor & bomb explosions, protective measures & organiz. of first aid (Ger) 52230

U. S. Atomic Energy Commission, cancer research program 46758

## ATOMIC WARFARE

*see also* CIVIL DEFENSE

*see also* RADIATION PROTECTION

Atom bomb explosion at Hiroshima, Japanese surgeon's personal account 941

biol. hazards to man of carbon-14 from nuclear weapons 34836

Brit. atomic explosion at Christmas Island 18071

causing inj., med. care (Ser) 10905

develop. of nuclear weapons & radiation hazards for civilians in tests (Fin) 54496

eff. of atomic bomb on child. of Hiroshima (Fr) 27732

eff. on individuals, various med. aspects (Sw) 32980

environmental contamination from weapon tests 34838

fallout & radioactivity measurements in vegetation & milk (Ger) 14410

fallout & radioactivity of atmosphere during 1957 21713

fallout, comparison with natural background levels in San Francisco Bay area 23342

fallout from nuclear explosions, long range eff., bibliog. 34837

fallout from testing of nuclear weapons, mechanism & measurements 14407

fallout from testing of nuclear weapons, world-wide deposition 14415

fallout from testing of nuclear weapons, world-wide deposition & hazards 14417

fallout measurements in United Kingdom 14408

fallout, radiostrontium levels in deer's antlers 29805

flash blindness & chorioretinal burns produced by atomic flash 4530

flash burns from atomic bombs, study by means of pulse simulating device 11552

flash burns in rabbit retina as means of evaluating retinal hazard from nuclear weapons 24545

genetic & somatic eff. of carbon$^{14}$ from atomic bomb tests 21716

individual photographic dosimetry of ionizing radiations in event of atomic attack, technic (Fr) 21253

large area sub-fabric burns, eff. of reflectance & separation of fabric & treatment with fire-retardant material in pigs 23345

mass casualties, military problem of irradiated personnel (Fr) 37902

med. planning & med. situation at Hiroshima & Nagasaki 13557

nuclear burns, relation between burn severity & simulated thermal pulses of various nuclear weapons in pigs 23346

physicians' tasks in mass disasters (Dan) 45536

potential hazard of world wide $Sr^{90}$ fallout from nuclear weapons testing 27806

protection by hot-wet uniform in contact with skin in nuclear weapon pulses of thermal radiation 23308

pub. health serv. in (Fr) 10405

radiation exposures from nuclear tests at Nevada test site 49851

radiation inj. caused by atomic bombs (It) 19198

radiostrontium fallout hazards, exper. research 9565

role of physician in 41165

role of physician in atomic disasters (Fr) 22457

soft tissue inj. caused by nuclear weapon explosions, ther. 32717

tactics (Sw) 32978

ther. of mass casualties 49655

***ATOPHAN*** *see* CINCHOPHEN

***ATP*** *see* ADENYLPYROPHOSPHATE

***ATPase*** *see* ADENYLPYROPHOSPHATASE

## ATROPHY

*see also* ACUTE YELLOW ATROPHY

*see also* PROGRESSIVE MUSCULAR ATROPHY

progressive facial hemiatrophy with alopecia & heterochromic cyclitis 40869

synd. of obesity, paradoxotosis & atrophy of peripancreatic subcutaneous tissue in persons over 40, glucose tolerance test (Pol) 8061A

## ATROPINE

***determination***

atropine-containing cigarettes with low nicotine content, determ. of atropine content in smoke (Ger) 29910

separation from scopolamine & hyoscyamine by countercurrent distribution (It) 27425

***effects***

anticholinergic activity in vitro & in vivo (It) 37337

on arterial pressure response to tetraethylammonium chloride in dogs 756

on blood coagulation (Ger) 27186

on blood iron metab. in child. as demonstration of regulation by autonomic NS (Sp) 21222

on exper. spasms, comparison with various spasmolytics (It) 37336

on heart-rate, indic. & contraindic. for use in anesth. 41857

on isolated musc. prep. (Ger) 29902

on isopropyl methylfluorophosphate vapor exposure in dogs, comparison of various routes of admin. in resuscitation 23297

on leaf accumulation of atropine-type alkaloids in Datura stramonium & tomato Lycopersicon esculentum, simultaneous treatment of plants with 2,4-D 16723

on mammalian striated musc. 17933

on narcotic eff. of barbiturates & thiobarbiturates in rats (Ger) 36961

on neostigmine intoxication in white mice (Rus) 49431

on ocular refraction, in rabbits 26076

on oxygen consumption of brain, kidney & liver tissue in vitro (It) 1884

on skeletal musc. in myotonia congenita in goat 17934

on submaxillary gland, cytochem. changes after subcutaneous inject. in mice 20117

on thyroid tissue metab. in mice & rats (Rus) 33181

on vitamin B1 metab. in peptic ulcer (Rus) 33359

potentiation of barbiturate action in mice 306

***injurious effects***

psychopathol. variations (Rus) 45151

toxic psychosis following atropine eye-drops in retinal detachment ther. 26129

***metabolism***

detoxication after admin. to mice & rats, mechanism 1443

***related compounds***

atropine methylbromide, hydrolysis kinetics 50257

N-(p-biphenylmethyl)-atropinium bromide, chem. & pharmacol. (Hun) 43426

N-(p-biphenylmethyl)-atropinium bromide ther. in gynecol. dis. & labor compl. (Hun) 43436

N-(p-biphenylmethyl)-atropinium bromide ther. in ulcers (Hun) 43427

N-n-octylatropine bromide - phenobarbital prep., preop. & postop. sedation in strumectomy (Ger) 23193

propionyl atropine methyl nitrate in sympt. ther. of peptic ulcer 42091

***therapeutic use***

atropine coma ther. in ment. disord. 50446

atropine - phenobarbital - procaine prep. in stomach dis., with climatother. (Ger) 51872

dyspnea, in congested heart failure, with procaine (Rum) 43996

in labor analgesia, with nicotinic acid, phenobarbital & procaine (Ger) 29489

parathion pois. (Bel) 32768

premedication, comparison with other drugs 52656

prev. of circ. overloading during & following blood transfusion, with morphine & packed erythrocytes 12263

trichloroethylene pois. (Dan) 45520

***AUDIOLOGY*** *see* HEARING

***AUDIOMETRY*** *see* HEARING TESTS

***AUDITORY TUBE*** *see* EUSTACHIAN TUBE

***AUERBACH'S PLEXUS*** *see* GASTRO-INTESTINAL SYSTEM, *innervation*

***AUREOMYCIN*** *see* CHLORTETRACYCLINE

## AURICULAR FIBRILLATION

paroxysmal 45809

review 42060

***case reports***

paroxysmal, in apparently normal heart, with cerebral embolism, case report 19077

***complications***

mitral valve insuff. & Wolff-Parkinson-White synd. (Ger) 42405

partial atrio-ventric. block & Adams-Stokes synd., diag. 38096

***etiology and pathogenesis***

disord. in ion movements 10506

lightning stroke 30109

***experimental***

adrenalin induced, eff. of chloroform, ethyl chloride & chloral hydrate on develop. in animals (Rus) 52977

eff. of chloroquine in dogs 48730

potassium influx determ. in isolated rabbit atria 54395

therapeutic effectiveness of various drugs in relation to their eff. on myocardial conduction 441

***manifestations***

presystolic murmur (Rus) 18308

***therapy***

(It) 43340

defibrillation producing normal sinus rhythm (It) 6881

digitalis, high dose transforming paroxysmal to permanent fibrill. with consequent dramatic recovery 50198

digitalis, rapid ventric. rate as paradoxical manifest. of intoxication 12210

hydroquinidine with reserpine (It) 42612

quinidine, blood level determ. during ther., value (Fr) 47752

quinidine, blood levels during ther. (Fr) 47751

quinidine, causing recur. complete asystole (It) 3881

quinidine for arrhythmia, metab. & ther. results (It) 3876

## AURICULAR FLUTTER

auric. rate, relation to auric. enlargement, review & case report 9973

blood level determ. (Fr) 47753

caused by digitalis overdos., case report 19891

ECG in chronic flutter 3373

persistent, with A-V block 581

quinidine ther., blood levels (Fr) 47751

## AUSCULTATION

*see also* CARDIAC MURMURS AND SOUNDS

acoustic blood pressure determ. (Rus) 49568

auscultatory technic for measuring digital blood pressure 2539

normal bowel sounds in dogs 29295

## AUTOLYSIS

factors influencing survival of liver cells during autolysis 51037

## AUTOMATISM

cardiac automatism in certain animal species, mechanisms 17322



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

**AUTOMOBILES**

*see also* ACCIDENTS, TRAFFIC

as symbolic continuation of man's body, comparison with role of house for women, psychoanalytic interpretation 20857

Automobile Med. Club of France (Fr) 9219

automotive safety design in accid. prev. 54282

design of auto driver's workspace, relation of asthropometry 719

driver educ. for ment. defectives 46975

drivers, eff. of alcohol on ability at various speeds (Ger) 27147

driver's energy expenditure in driving on open road (It) 37385

drivers' license, psychol. tests (Sw) 45331

driver licensing, role of doctor's professional secrecy (Ger) 18984

drivers' licensure & dis. hazards (Ger) 29440

drivers' med. problems, review (Ger) 29412

drivers' steering movements, eff. of alcohol (Ger) 49112

drivers, visual requirements (It) 32088

driving ability in alcoholic intoxication, variability of med. opinions 26418

driving ability of handicapped (Sw) 22124

driving skill, eff. of ingestion on alcoholic beverages 44287

exhaust gases causing air pollution (Rus) 3818

flicker fusion frequency in deaf-mute & normal drivers during long distance ride (Ger) 46186

high school driver educ. in prev. of traffic accid. 40255

importance of color vision in traffic safety (It) 54197

night driving seeing problems 24578

psychol. of hot rods & automobile driving of adolescent males 8383

safety belts (Sw) 54819

**AUTONOMIC DRUGS**

*see also* METHONIUM COMPOUNDS

*see also* MUSCLE RELAXANTS

*see also* PARASYMPATHOLYTICS

*see also* PARASYMPATHOMIMETICS

*see also* SYMPATHOLYTICS

*see also* SYMPATHOMIMETICS

*see also* TETRAETHYLAMMONIUM

*see also* VASOMOTOR DRUGS

ganglion-blocking activity of certain deriv. (Rus) 49439

ganglion-blocking agents derived from 1-bicyclohexylcarboxylic acid & corresponding iodomethylates (Fr) 26743

ganglion blocking agents, review (Rus) 41669

ganglion-blocking drug dimecamine, pharmacol. (Cz) 38242

1, 2, 3, 6, 6-pentamethylpiperidine, ganglionic blocking action & other actions 14139

roche in refraction tests (Ger) 28920

*effects*

antag. of nicotine-induced convulsions in mice 36596

cycloplegics, eff. of partial cycloplegia on accommodation-convergence relationship 47079

diethyl-p-nitrophenyl phosphate induction of resp. paralysis in exper. animals, reversal by pentylenetetrazole & pyridine-2-aldoxime methiodide (Ger) 29898

1, 1-dimethyl-4-phenylpiperazinium & tetramethylammonium on blood vessels, comparison 5739

drugs activating efferent nerve endings, on regen. of corneal epithelium (Rus) 3571

ganglion blocking agents (Bul) 28754

ganglion blocking action of vitamin B1 & deriv. in cats 24763

ganglion-blocking agents inducing postural hypotension, varied responses in individual patients 3886

ganglion blocking agents on depot fat mobilization in normal & adrenalectomized animals 44098

ganglion-blocking agents, on motility of esophagus, exper. study (It) 30334

ganglion-blocking agents on phosphorus metab. in superior cervical ganglia in hypothermia (Rus) 3559

ganglion blocking agents on pulm. hemodynamics in mitral stenosis 41834

ganglion-blocking agents, potentiation of epinephrine in asthma ther. 1135

ganglion-blocking hypotensive agents, central versus peripheral mechanism of action 15009

mecamylamine on coronary flow, cardiac work & cardiac efficiency in dog 41035

mepazine on ACTH-secreting activity of pituitary gland in rats 196

mepazine on central & peripheral blood circ. in cross-circ. exper. in dogs (Hun) 41631

miotics on red band of iridocorneal angle in glaucoma (Fr) 14515

neurohumoral blocking agents, attenuation of lysergic acid diethylamide reaction, pretreatment 34803

on arteriovenous anastomoses in rabbit ear, direct microscopy (Rus) 1756

on blood pressure, pulse & resp. in dogs, comparison of various drugs (Rus) 39326

on bronchial musc. isolated prep. 41336

on dicrotism (Ger) 13345

on ECG in exper. brain concussion in cats (Hun) 38788

on ECG picture in peptic ulcer, influence of vitamin B12 on changes (Rus) 33361

on female bladder & its sphincter mechanism, in normal cond. & cystopathy 52830

on flicker discrimination 47046

on intraocular pressure (Rus) 49534

on pituitary gland, induction of histol. changes in thyroidectomized guinea pigs (It) 3588

on urine secretion in surg. shock (Ger) 29019

pacatal, protective eff. on cyclopropane-epinephrine induced arrhythmias in dogs 24759

pacatal suppression of cyclopropane-epinephrine induced arrhythmias in dogs 24760

pendiomid, comparison with quaternary ammonium cpds. (Ger) 33635

trimethaphan on ballistocardiogram K wave in hypertension without heart dis. (Sp) 8834

trimethaphan on blood pressure & circ. in dogs (Fr) 33933

trimethaphan on pathogen. of renal tubular degen. in placental abruption in dogs 10134

trimethaphan site of action in dogs, determ. from blood pressure measurements 36576

N-(γ-trimethylammoniumpropyl)-N-methyl-camphidinium dimethyl sulfate on blood cholesterol in hypertension (Ger) 11203

tris-(dimethylaminoethyl)amine tri-HCl on gastrointestinal tract, x-ray & gastroscopic manifest. (Ger) 37537

*injurious effects*

ganglion blocking agents causing colitis 29305

ganglion-blocking agents in ther. of hypertension causing constipation, ther., bis(p-acetoxyphenyl)-2-pyridylmethane (Ger) 45389

*metabolism*

diethyl-p-nitrophenyl phosphate, enzymatic lysis (Cz) 21575

*therapeutic use*

1, 3-bis(2-dimethylaminoethyl)-5, 5-diethyl-barbituric acid in controlled hypotension in surg. (It) 11822

2-(p-butoxyphenyl)-3-(morpholino-N-methyl)-dioxolan-1, 3-methobromide yohimbic acid ethyl ester - reserpine prep. as precop. & postop. sedation (Ger) 23194

chlorisondamine chloride in hypertension 13007

chlorisondamine chloride in hypertension (Cz) 21555

chlorisondamine chloride in hypertension (Cz) 21556

chlorisondamine chloride in hypertension (Ger) 34187

chlorisondamine chloride in hypertension, with reserpine (Por) 16480

2, 6-dimethylpiperidine in hypertension, with pendiomide (Rus) 9893

N-ethyl-N-γ'-picolyl-tropic acid amide as mydriatic (Por) 21087

ganglion blocking agents in adynamic ileus, case report (Fr) 12994

ganglion blocking agents in anesth. (Bul) 28724

ganglion blocking agents in burns 50231

ganglion blocking agents in dis. of newborn, indic. & compl. (It) 13103

ganglion blocking agents in hypertension (Sp) 8703

13548

ganglion blocking agents in hypertension, potentiation by 6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide 13185

ganglion blocking agents in hypertension, with reserpine (Rus) 18291

ganglion blocking agents in local anesth. (Bul) 28725

ganglion blocking agents in war surg. (Fr) 12981

mecamylamine in hypertension, with 6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide 29304

mecamylamine, in hypertension with Rauwolfia & diuretics 37517

mepazine, adjuvant in angina pectoris 36341

mepazine anesth. adjuvant in abdom. surg. 37539

mepazine in ment. disord. 20487

mepazine in ment. disord., EEG changes (It) 38551

mepazine in neurosurg. anesth. 12856

mepazine in psychoses, statist. follow-up 47177

mydriatics, preop. ther. in cataract extraction (Ger) 51242

neuroplegic drugs, adjuvants in labor (Cz) 38266

38267

oxaditon in reserpine-resist. hypertension 36111

peptic ulcer, comparison alone & with vitamin B1 (Rus) 33360

pituitary hyperfunct. (It) 3978

trimethaphan, controlled hypotension in general & urol. surg. (It) 51960

trimethaphan in controlled hypotension, comparison with N-phenacyl homatropine 35941

trimethaphan in hypertension, eff. on ECG findings (Ger) 35946

trimethaphan-induced controlled hypotension in intractable hemorrh. from surg. wound in splenectomy for Werlhof's dis. (It) 51965

trimethidinium methosulfate in ambulatory hypertensive patients 12313

N-(γ-trimethylammoniumpropyl)-N-methyl-camphidinium-dimethyl-reserpine-serpentine prep. in hypertension (Ger) 18921

N-(γ-trimethylammonium propyl)-N-methyl-camphidinium dimethylsulfate in hypertension 33435

N-(γ-trimethylammoniumpropyl)-N-methyl-camphidinium dimethyl sulfate in hypertension (Ger) 8688

N-(3-trimethylammoniumpropyl)-N-methylcamphidinium dimethylsulfate in hypertension, results (Ger) 42331

N-(γ-trimethylammoniumpropyl)-N-methyl-camphidinium dimethyl sulfate in hypertension, with reserpine & serpentine (Ger) 35570

N-(γ-trimethylammoniumpropyl)-N-methyl-camphidinium dimethyl sulfate - reserpine - serpentine prep. in arterial hypertension, synergism of hypotensive eff. (Ger) 23013

N-(γ-trimethyammoniumpropyl)-N-methyl-camphidinium sulfate in hypertension, comparison with Rauwolfia alkaloids (Ger) 42896

*AUTONOMIC GANGLIA see* GANGLIA, AUTONOMIC

**AUTONOMIC NERVOUS SYSTEM**

*see also* GANGLIA, AUTONOMIC

*see also* PARASYMPATHETIC NERVOUS SYSTEM

*see also* SYMPATHETIC NERVOUS SYSTEM

histol. & physiol., review 23810

*diseases*

autonomic endocrine synd. in women, ther. (Ger) 45405

caused by cervical spinal cord inj., ther., artif. hibernation (Fr) 24752

caused by traum. coma, ther. (Fr) 5338

causing epileptic seizures in child. (Ger) 41600

causing musc. distention of abdom. (Ger) 19407

causing renal funct. disord. (Ger) 387

Curtius synd. in pregn. (Ger) 49756

diabetic neuropathy, case report 49177

dysautonomia, constitutional ther., review (Ger) 29413

dysautonomia, familial in child. 13426

dysautonomia, familial, in 7-year-old child 5732

dysautonomia, review (Sp) 24218

dysfunct. of urogenital systems, skin manifest. (Ger) 46659

dystonia diag. (Ser) 29391

dystonia, differ. diag. from hypopotassiumemia (Ger) 370

dystonia, nerv. heart as sympt. (Ger) 54318

dystonia, pathogen. relation of focal infect. (Ger) 11213

dystonia, ther., 2-diethylaminoethyl-2-phenyl-3-methylvalerate methylbromide-ergotamine tartrate-reserpine prep. (Ger) 3300

dystonia, ther., ergotamine tartrate-phenobarbital prep. (Ger) 51829

dystonia, ther., reserpine (Ger) 10398

dystonia with tetanoid manifest., clin. & laboratory comparison with cases of tetany (Ger) 42262

funct. disord. & dystonia, eff. of β-diethylaminoethyl 2-methyl-1-phenyl-valerate with ergotamine (Sp) 53344

funct. disord, causing sudden deafness, case reports (Ger) 21596

funct. disord. simulating hyperthyroidism, differ. diag. 10507

hypotonia, ther; DOCA & sex hormones (Ger) 29404

manifested by duodenal dyskinesia, types & morphol. (Sp) 44503

neurovasc. changes in fingers, with acrodermatitis (It) 29592

neurovegetative anamnestic screening of med. students (Hun) 7366

post-traum. synd. of limbs, phys. ther. (Fr) 18010

psycho-vegetative synd. (Ger) 52214

quadrantal pain synd., (Ger) 25850

role of reflex increase in autonomic neuroses (Ger) 16817

ther., peyote alkaloids (Fr) 15959

ther., phenothiazine, indic. & progn. (Ger) 15320

*effect of drugs on*

2-methoxy-10-(3-dimethylaminopropyl)phenothiazine (Fr) 26683

36591

*function tests*

Funkenstein test, review 11658

*in various diseases*

autonomic responses of disturbed psychotic patients during chlorpromazine ther., prognostic value 17736

emotional disord., autonomic reactions & psychomotor inhib. (Ger) 46134

epilepsy, temporal, autonomic concomitants of ictal automatism 48133

internal dis., autonomic reactions of skin (Ger) 46650

malignant synd. during toxinfect. (Fr) 44770

psychoses, seasonal variations (Pol) 38108

rheum. arthritis, control of endocrine funct. (Ger) 11393

schizophrenia (Cz) 2756

shock, review (Pol) 24050

skin dis., pathogen. role (Ger) 46652

*physiology*

adrenergic & cholinergic cerebral neurohumoral control of synaptic transm. mechanism 15700

adrenergic & cholinergic influences on dynamic cycle of normal human heart 26508

autonomic responses of child. to specific dent. stress 28095

biochem. aspect of stimulation of autonomic nerv. system of guinea pig cochlea 35304

cortical funct. (Rus) 34725

dynamics before & after sleep ther. (Cz) 2760

eff. of peridural anesth. (Dut) 43032

eff. of tonus on zone of unpleasure in field of hearing (Ger) 47662

electrical stimulation, immunol. & ther. applications, review (Fr) 53239

ganglion-blocking eff. of cooling to 19° & 20° C in dog, electrophysiol. (Fr) 38690

hormonal regulations, role of blood glutathione (Ger) 11167

inductive tonus increase, role in develop. of regulations (Ger) 33848

neurohumoral theory of regulation of resp. during exercise (Fr) 48835

optico-autonomic reflex in various exper. & pathol. cond. (Sp) 4066

pressoparesis, block of pressor responses, as anesth. method, technic, adjuvants & indications (It) 42479

regulation of blood iron metab. in child., demonstration by admin. of acetylcholine & atropine (Sp) 21222

role of limbic cortex in visceral afferent mechanisms of autonomic NS (Hun) 28794

tonus, direct relationship to blood glutathione level (Ger) 11185

vegetative lability determ., EEG (It) 19215

**AUTOPSY**

advantages & necessity for autopsies 10986

bact. found in necropsies, clin. & morphol. aspects 513

correlation with causes of death based on clin. diag. 23945

determ. of cause of death in suspected stabbing 49117

errors in exam. of supposed victim of homicide (It) 6924

findings, statist. evaluation with aid of punch card (Ger) 27508

funct. & responsibilities of physicians (Ger) 33907

importance of autopsy illustrated by case of autopsy findings of father leading to diag. of arachnodactyly in son 16632

Jewish religio-legal opposition to autopsy, hist. & management of problem 48398

medicolegal requirements in forensic pathol. 4144

necropsy tally board 12278

on bodies containing radioisotopes (Ger) 55643

role of med. technologist 12325

scheme for complete removal of histol. material (Ger) 55657

***AUXINS see*** **PLANT HORMONES**

***AVERTIN see*** **TRIBROMOETHANOL**

**AVIATION**

***see also*** **AIRCRAFT**

***see also*** **ALTITUDE**

***see also*** **MEDICINE, AVIATION**

***see also*** **SPACE FLIGHT**

accid., gross pattern of inj. of survivors 23299

accid., occurrence of pulm. fat & tissue embolism in fatalities 28203

accid., protection of passengers from possible seq. (Dut) 12034

accid., relation of inj. to forces & direction of deceleration 16864

accid., spine fract. in survivors 16865

accid. with multiple casualties, med. investigation 4704

air travel causing hearing disord. (Ger) 43839

pois. as accid. cause (Fr) 12047

***AVIATION MEDICINE see*** **MEDICINE, AVIATION**

**AVIATORS**

aging commercial pilot & retirement age, current standards (Dut) 12030

aircraft stewardness-nurse 24489

air sickness in young trainees, emotional aspects 4693

air sickness, persistent, in pilot during jet training (It) 9392

commercial airline flight crew fatigue (Sw) 29228

contraindic. for use of various types of drugs (Fr; Dut) 46558

fatigue, causes (Rus) 23630

hazards of ordinary peacetime flight 4701

med. exam. of flight personnel in air bases (Fr, Dut) 46553

ment. & phys. fitness for air force serv. (Fr, Dut) 46552

military pilot selection, survey of programs in U. S., Canada, Gt. Brit. & France 28209

phys. standards for jet & rocket aircraft flight 4700

physiol. & psychol. requirements of civil jet air transport pilots 50322

simulated catapult train. (Rus) 22628

solo flight, requirements for pilots, train. & phys. & psychol. problems of pilot & instructor (Por) 31847

Swedish Air Force staff personnel, phys. train. & working capacity 29226

*diseases*

cranial inj., audiometric findings (It) 19201

decompression sickness, prev. & eff. of hypnotics & sedatives on form. of intravasc. bubbles (Ger) 40174

diabetes mellitus, diag. (Fr) 31957

disord. & problems of vision during flight (Fr, Dut) 46554

femur inj. in parachutists (Rus) 45852

hearing disord., mag., audiometry, lysis of audiometric curves in determ. of severity of disord. (Fr) 51493

heart dis., causing military aircraft accid. 29225

hypertension, mechanocardiography (Rus) 45883

inguinal hernia caused by acrobatic flying (It) 19220

macular hemorrh. in fighter pilots in frequent high altitude flying (Fr) 51488

migraine, in U.S. Air Force personnel 55881

nasopharyngitis, otitis & sinusitis, pathogen. & prev. (Fr, Dut) 46555

phlebothrombosis caused by anoxia (Fr) 51486

sleep disord., physiol. relation to changes in routine life patterns in personnel engaged in long distance flights (Fr) 51483

syncope in apparently healthy flight personnel, incidence, mechanisms & occup. importance 23285

tuberc., pulm., in Fr. Air Force flying personnel (Fr) 29236

ulceration of tuberculoma (It) 9391

visual disord. at high altitudes, problems & methods of eye protection (Fr) 51489

visual disord. in commercial jet aviators (Fr) 51487

*physiology*

audiometry in flying personnel (Rus) 10894

cervical spinal x-ray of pilots of fighter planes 51492

cupulometric exam. in air navigating personnel, value (It) 19200

ECG changes in air navigating personnel (It) 19227

eff. of hypoxia on hearing & equilibrium (Ser) 22637

eff. of long flights on blood corticosteroid levels in aircrewmen 40681

eff. of simulated flight stress on uropepsin excretion in airmen 55899

phys. exam. for flight fitness (Ger) 15298

physiol. measurements in senior airline pilots, 20-year follow-up 16594

physiol. of high-speed flight 48168

pilots & trainees in Swedish Air Force, relation of working capacity & heart volume in standing position 29227

pressure chamber tests (Rus) 22627

refractive visual defects in aging airline pilots, prev. 16863

routine ECG in aircrew med. selection program, postprandial T-wave changes 460

sensory & psychomotor problems & limits of human tolerance in current & future aircraft & flight (Fr) 46560

threshold audiograms in candidate pilots & flying personnel of commercial airplanes 12032

urinary 17-hydroxycorticoid levels, eff. of flying stress 4705

visual capacity standards for scope operators in jet-propelled aircraft (Fr) 29237

*psychology*

adaptability screening of flying personnel 4706

autokinetic illusion 12033

break-off phenomenon in Italian pilots (It) 9383

deterioration of feeling of well-being during flight (Rus) 22629

eff. of desert environment on pilots & other flight personnel (Fr) 29229

human flight behavior in groups, review 55880

lipothymia (Fr) 12035

lipothymia in healthy aviators & recruits, etiol. & differ diag. (Fr) 29231

loss-of-confidence synd. & fatigue in jet-plane pilots, relation to changes of neuro-musc. electric excitability (Fr) 29239

personal interests in pilot selection (It) 9385

prediction of flight training attrition by grade slips for first ten flights 28208

research on human factors in aerial warfare 16655

Wiersma-Bourdon dot test 12039

**AXILLA**

aberrant breast tissue in axilla, case reports (Ger) 37753

hemolymphangioma (Bul) 41591

histochem. localization of phosphorylase in axillary sweat glands in man 20109

mucinous metaplasia in normal apocrine glands 5

vasc. & nerv. lesions, surg., deltopectoral approach (Fr) 6425

***AXIS see*** **ATLAS AND AXIS**

***AXONS see*** **NEURONS**

**AYERZA'S SYNDROME**

angiocardiography, compl., death (Ger) 55544

**AZACYCLONOL**

blocking of lysergic acid diethylamide action 6351

chromatography (Fr) 13099

pharmacol. & clin., review (Dut) 43053

*therapeutic use*

chronic hallucinative schizophrenia (Dan) 30221

psychoses, senile, double-blind, controlled study 4433

schizophrenia, case reports (Ger) 44940

schizophrenia, chronic, objective measurement of its eff. 77

schizophrenia in females, statist. 14254

schizophrenia, paranoid form (Rus) 34761

***AZAGUANINE see*** **GUANINE, *antagonists***

***AZAPETINE see*** **SYMPATHOLYTICS**

**AZIDES**

sodium azide, bacteriostatic & fungistatic eff. (Ger) 23155

sodium azide, eff. on carbon dioxide fixation by Saccharomyces cerevisiae (Sp) 8983

sodium azide, eff. on histamine release during anaphylactic reaction in vitro 39260

**AZOLES**

***see also*** **IMIDAZOLES**

***see also*** **OXAZOLES**

***see also*** **THIAZOLES**

alkynyl-substituted pyrazolidines (Ger) 13362

3-amino-1,3,4-triazole, mode of antithyroid action in rats 40559

formazans, chem. & role in carbohydrate research, review 35544

5-furyl-2-pyrazoline deriv., synthesis & possible local anesth. activity (Ger) 36954

phenyloxadiazoles & phenyltriazoles, pharmacol. (It) 27432

1,3,4-thiadiazole deriv., pharmacol. study 48220

1-(1,3,4-thiadiazol-2-yl)-2-pyrazolin-5-one & tetrazolo(4,5-a)-1,3,4-thiadiazole 14911

1,2,4-triazoles, pharmacol. comparison of 2 structurally isomeric mono-phenyl substituted deriv. 16716

urazole deriv., eff. on CNS in mice 50263

**AZOTOBACTER**

agilis, carbohydrate composition in relation to age of culture (Rus) 19117

agilis oxidative assimilation 40454

agilis, phosphate metab. (Rus) 19104

agilis protein & nucleic acid metab., eff. of chloramphenicol 4709

antag. by soil microbes, correlation with toxic properties of soil (Rus) 19124

eff. on soil & oat vitamin content (Rus) 19106

metab. & physiol., review (Rus) 19132

nitrogen fixation, competitive inhib. by oxygen 13781

oxidative phosphorylation & nitrogen fixation by cell-free extracts 39230

susceptibility of species to antag. action of Actinomyces species & antibiotics (Rus) 19120

vinelandii, calcium, iron, molybdenum & tungsten, intracellular localization 3491

vinelandii extracts, catalysis of phosphorylation of desoxycytidylic acid 40518

vinelandii, form. of activated amino acids by intact cells 7234

vinelandii mutant, nitrogen fixation 50338

vinelandii vitamin B12, microbiol. assay with Lactobacillus leichmanii 17818

***BABINSKI REFLEX see*** **REFLEX, BABINSKI**

**BACILLUS**

biol. titration of prep. of spores of Bacillus thuringiensis (Fr) 38662

characteristics & taxonomy of species pathogenic to insects 2569

coloniomobile (Rus) 51937

infrared spectra of various species, taxonomic value & eff. of culture age & time of film prep. on spectra 1295

laterosporus, morphol. & chem. of spores & parasporal bodies 16961

polymyxa, relation to nitrogen-fixing bact. 7191

popilliae, virulence for larvae of cockchafer beetle (Fr) 3070

sporulation & specific sporangium reaction (Ger) 32300

surface configuration of spores, electron microscopy 40449

*culture*

stearothermophilus strains, removal of vegetative cells from spore prep. 4738

*effect of drugs on*

antibiotics on Bacillus pumilus (It) 44820



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

antibiotics on germination & resting spores of Bacillus pumilus (It) 54238

chlorine inactivation of Bacillus globigii spores 1307

cysteamine & deriv., induction of bacteriolysis 17316

*effect of radiations on*

x-ray inactivation of spores 50331

*metabolism*

acetylethylicus, eff. of aeration on fermentation (Rus) 19103

lytic enzyme from Bacillus circulans, eff. on Aspergillus oryzae 52419

nicotinic acid, vitamin B1 & vitamin B12 biosynthesis in various species (Por) 21065

sphaericus degradation of methylurea 1346

sphaericus, pyridoxal phosphate & vitamin B6 levels during growth & sporulation, relation to 2,6-diaminopimelic acid metab. 13704

stearothermophilus aldolase, partial denaturation without loss of activity 16869

thiaminase II produced by Bacillus aneurinolyticus, purification 18162

**BACILLUS ANTHRACIS**

*see also* ANTHRAX

biol. individuality & antigenic structure (Run) 29171

encapsulation time in medium of glucosed serum (It) 16019

lecithinase prep. 4723

role in panhemagglut. (Fr) 47396

toxin prod. in vitro, identity with toxin previously recognized in vivo 5089

*culture*

eff. of 45°C on virulence & immunogenic properties (Rus) 34637

*effect of drugs on*

chlorine inactivation of spores 1307

*metabolism*

oxygen uptake, eff. of amino acids (It) 54239

**BACILLUS CEREUS**

alesti, transm. to butterfly Pieris brassicae larvae by predator wasp Apanteles blomeratus (Fr) 47417

*culture*

removal of vegetative cells from spore prep. of various strains 4738

*infections*

causing food pois. (Ger) 55500

*metabolism*

glucose & hexosephosphate oxidation in spore extracts, mechanism 50332

nucleic acid synthesis, eff. of ultraviolet rays 40457

poly-β-hydroxybutyrate inclusions in washed suspensions 5100

poly-β-hydroxybutyrate inclusions, isolation & estimation 5099

**BACILLUS MEGATHERIUM**

complex capsule structure, electron microscopy (Ger) 33399

hered. aberrancy in growth of various strains 17315

incidence of phage-producing cells in bact. cultures 5108

protoplast structure, electron microscopy 5912

*culture*

eff. of temperature on oxytetracycline-resist. & phage prod. 17325

in glucose-mineral medium, carbon balance 50342

*effect of drugs on*

lysozyme on filament form. (It) 52778

lysozyme on streptomycin-resistant Bacillus megatherium (It) 54240

*effect of radiations on*

infrared rays, differentiation of strains based on infrared absorp. spectra 40848

temperature dependence of sensitivity of dry spores to x-rays between 5° & 300° K 15665

*extracts*

ther. of rheum. dis., with Bacillus subtilis autolysate (Ger) 46197

*metabolism*

6-O-acetyl-D-glucopyranose & other monoacetyl-sugars 25878

6-O-acetyl-D-glucopyranose identification in cultures 25877

chem. composition of cytoplasmic membrane & cell wall of strain M 37098

iron defic. during sporulation, relation to nitrogen assimilation (Fr) 15081

poly-β-hydroxybutyrate inclusions in washed suspensions 5100

protein synthesis, determ. of site 1646

synthesis of amino acids bound to indolepropionic acid (Fr) 36309

**BACILLUS SUBTILIS**

Bacillus subtilis filtrate subticetin in ther. of inflamm. (Ger) 42403

intestinal implantation of mutant tetracycline-resist. strains by oral admin. in dogs & persistence of morphol., biochem., serol. & cultural characteristics of mutants (It) 31727

isolation of strain with inhib. eff. on growth of Sporidesmium bakeri 52383

*effect of drugs on*

actinomycin D, mechanism of action 1396

L-alanine analogues on spore germination 40445

antibact. activity of allantoic fluid of embryonated eggs infected with influenza virus 41987

antibiotics (It) 44820

antibiotics on germinating & resting spores (It) 54238

chlortetracycline & oxytetracycline, use as test organism for determ. of activity 23765

testing of various cpds. on amethopterin-resist. strains 2709

*extracts*

ther. of rheum. dis., with Bacillus megatherium autolysate (Ger) 46197

*metabolism*

amino acid utilization during growth & antibiotic prod. 13750

D- & L-glutamyl polypeptides, eff. of manganese ion concentration of medium on synthesis in cultures 28256

glutamyl polypeptide synthesis, eff. of metal ions 28216

levan fractions from Bacillus subtilis, reaction with human blood causing precipitation of lipoproteins (Fr) 38696

levan synthesis, isolation & analysis of products after mild acid hydrolysis (Fr) 36302

levan synthesis, isolation & mild acid hydrolysis (Fr) 36301

levansucrase, kinetics of transfer of fructosyl radical (Fr) 13746

lysis by amines, acridines & phenothiazines 39291

ribonuclease isolation, characterization & partial purification 37112

**BACITRACIN**

form. of ε-(aminosuccinyl)-lysine from bacitracin A upon treatment with strong HCl 25860

zinc component in zinc bacitracin, determ. by ethylenediaminetetraacetate titration 13337

*administration*

spray delivering neomycin, bacitracin & polymyxin in powder form, eff. on bact. in vitro 48504

*effects*

increase of intestinal yeasts during bacitracin ther. 25134

on streptoc., selective eff. in relation to serol. grouping (Cz) 14800

*injurious effects*

dermatitis, caused by excessively protracted admin., with neomycin ointment (Den) 33388

*therapeutic use*

amebiasis, intestinal, with streptomycin 4194

bacitracin-fludrocortisone-neomycin ointment in skin dis. (Ger) 51862

gyn. dis., with neomycin, resorption & elimination (Ger) 22840

preop. reduction of intestinal flora, with neomycin (Ger) 13640

48355

with neomycin in ophthalmic ointment in eye dis. (Ger) 42277

**BACK**

*diseases*

radiodermatitis after x-ray exam. of stomach (Fr) 2390

*wounds and injuries*

in indust., prev., pre-employment exam. & employee placement criteria 11075

rehabil. 6478

**BACKACHE**

*see also* INTERVERTEBRAL DISK DISPLACEMENT

*see also* SCIATICA

as occup. dis. (Fr) 44992

as occup. dis., med. problems 28125

clin. & medicolegal aspects (It) 42710

differ. diag. & ther. (Sw) 43245

etiol. & ther. (Fr) 3152

lumbar (Sp) 31867

*case reports*

with urinary retention & anuria, clin. & etiopathogen. aspects (It) 44381

*diagnosis*

(Ger) 18998

diskography in low back pain 46661

technics to detect malingering, medicolegal value in indust. med. (Sp) 15527

x-ray diag. in low back pain, indic. & technics with contrast media 21405

x-ray of lumbosacral region in patients with lumbosacral pain (It) 25635

*differential diagnosis*

sciatica 51530

*etiology and pathogenesis*

(Sp) 21772

cond. other than intervertebral disk inj. 29274

dis. of pelvis & pelvic supporting structures in women (Ger) 19025

etiol. diag. by transspinal vertebral venography (Ger) 45976

lumbar, due to spinal degen. (Ger) 52194

lumbar pains (Dan) 18583

lumbosacral abnormal. in women (Ger) 10019

non-paralytic myasthenia levis causing low back pain (Dut) 7310

of low back disord. 5373

psychogenic mechanisms of chronic low back pain 40123

spinal cord dis., various ther. methods (Ger) 3262

strains (It) 37651

urinary tract dis. (Sp) 29362

*in pregnancy*

exercise ther., manipulation procedure 43302

*manifestations*

anat. & pathol. findings (Ger) 34255

*prevention and control*

in indust. (Fr) 43799

*surgery*

Cotte's technic in dysmenorrhea with backache (Pol) 8093

*therapy*

aminophylline, intravenous admin. (It) 19265

hydrocortisone, intradisk admin. (Por) 16123

low back pain 54286

nonylic acid vanillamide -β-butoxyethylnicotinate ointment (Ger) 52212

pressurized garment 38036

procaine penicillin high infiltrations in low back pain (Bul) 45311

spinal traction 51564

***BACTEREMIA** see* SEPTICEMIA AND BACTEREMIA

**BACTERIA**

acid-fast bacilli, fluorescence microscopy (Fr) 55114

aerobic bact., growth in metal-cutting fluids 25156

air-borne, survival in aerosols, syringe device for exper. study 11605

anat. & physiol. of bact. cell 28294

bact. component of soy bean root nodules, cytol. & organiz. in host tissue 40839

bact. lipopolysaccharides causing fibrinolysis in humans 30628

bact. lipopolysaccharides, eff. on metab. in nerve tissue (Ger) 34005

bact. metabolite prep. hylak-f with reduced iron, cobalt chloride & vitamin C, ther. of hypochromic anemia (Ger) 1589

bact. protoplasts, form. by serum components 50598

bact. protoplasts, review 25107

bact. protoplasts, review (Pol) 53216

bact. ther., indic. (Cz) 38333

bactericidal action of salts of certain rare earth metals 24859

bactericidal eff. of blood on gram-negative bact., correlation with properdin titer & complement activity (It) 44826

Bordetella bronchiseptica causing resp. tract infect. (Ger) 22765

Catenabacterium helmintholides, new varieties isolated from mud-snails 40202

chromogenic acid-fast bact., classif. & antigenic relation to M. tuberc. determ. by agar diffusion precipitation & complement fixation tests 37974

Ciliobacterium cellulosivens & ruminal anaerobic cellulolytic cocci, characteristics 28232

coliform bact., differentiation (Ger) 34049

composition of bact. protoplasm (It) 1977

counting method for soil bact. (Fr) 13039

dependence of heat resist. of endospores on dipicolinic acid content 52404

drying from frozen & from liquid state 25776

ecol. in silage made at controlled temperatures 5091

eff. of residual water on survival of dried bact. during storage 40854

electro-taxonomic survey of bact. 40847

electron microscopy of nucleoids of actively growing bact. (Fr) 34235

electronic counting & sizing 7124

endotoxic eff., importance of lipid component of lipopolysaccharides (Ger) 30603

endotoxin, acquired tolerance to its pyrogenic action by decrease in ability of animal blood to augment febrile response to endotoxin 48376

endotoxins & extracts, inject. into mice causing inhib. of transplanted tumors (Fr) 46834

endotoxin-detoxifying component in blood & plasma, eff. of calcium & dialysis 17253

endotoxin-detoxifying component in blood & plasma, species differentiation 17251

endotoxins, eff. of polymyxin B on tox., pyrogenicity & leukotactic eff. (Ger) 30607

endotoxin, eff. on leukocyte migration in culture, role of lipid & polysaccharide components (Ger) 3472

endotoxin, eff. on vasc. reactivity to epinephrine in perfused dog forelimb & lung 44116

endotoxin factors in traum. shock, review 52636

endotoxin, increased virulence for mice with exper. brucellosis 17401

endotoxins inducing Shwartzman phenomenon, prev. by fibrinolytic activity of streptokinase in rabbit 23483

endotoxin inject. into mice causing hemorrhagic skin lesions 31321

endotoxins injected in lethal amounts in eviscerated dogs, eff. on blood pooling & peripheral resist. in dog 35802

endotoxin-neutralizing factor in blood of various animal species (Ger) 11239

endotoxin, sensitivity of mice after BCG vacc. 31334

endotoxin sensitivity of pertussis inoculated mice 50597

enterobact., pathogenic, in Tahiti (Fr) 6419

Enterobacteriaceae, characteristics of new thermo-labile antigens in 54381

Enterobacteriaceae, detection of blood group-like substances in (Ger) 48071

Enterobacteriaceae, detection with fluorescent sera (Rus) 55822

Enterobacteriaceae from Fr. E. Africa (Fr) 14456

Enterobacteriaceae in milk & water, determ. by phage titer growth method (Rus) 55807

Enterobacteriaceae, isolation from sewage & river water (Ser) 39706

Enterobacteriaceae, nature of form. of positive polar periodic acid-Schiff reaction (It) 1879

Enterobacteriaceae, typing of pathogenic strains (Hun) 43102

Enterobacteriaceae, variability in presence of Salmonella breslau, radiosulfur & radiophosphorus studies (Rus) 51931

enterococci in water supply & surface waters, tests methods (Ger) 25263

enterococci infecting bovine udder, penicillin tolerance 16777

exotoxins, eff. on activity of thyroid gland in different species 41338 41339

exotoxins, eff. on non-protein sulfhydryl compound content of tissues of various animals species 37070

filtrable forms (Rus) 19099

fine structure of cell content (Ger) 55674

fine structure of marginal surfaces (Ger) 55673

form. of aerobic variants by saprophytic anaerobic strains (Uk) 29549

freeze-drying of bact., eff. on stability of biol. characteristics (Ger) 46256

genetics, review 25117

gram differentiation, mechanism & relation to iodine permeability in alcoholic solutions in chromatographic appar. 52403

gram-negative, identification by determ. of action on carbohydrates & flagellation 55684

gram-negative, lysis by lysozyme & facilitation by edathamil 37083

gram-negative pleomorphic diplobact., non-fermenting carbohydrates & oxidase-negative (Ger) 25231

gram-positive & gram-negative, comparison of eff. on leukocyte migration (Ger) 39232

Gram reaction, semiquantitative evaluation 21723

growth in egg, ham & turkey sandwich fillings mixed with relishes or flavorings 50157

hydrolysate combined with antibiotics, trial ther. of various infect. dis. (Fr) 53382

L-forms (Ger) 55675

L-form, isolation in urethritis (Rus) 45646

L forms, mutations 43001

L-forms, relation to sexuality of bact. (Fr) 54130

L forms, review (It) 44799

Leifson stain for flagella, timing 21979

marine, British national collection of type cultures 29857

mutagenicity of thymine defic. in auxotrophic strain of thymine-requiring bact. 13789

oligocarbolic, in soil (Rus) 33156

pathogenic strains in soil, antag. of Aspergillus & Penicillium (Rus) 51936

pathogenicity of bact. grown in vivo, review 25110

Peptostreptoc. eladesii isolated from rumen during feed-lot bloat of cattle, characteristics 47624

phagocytic test for detection of differences in antigenic struct. of bact. 19706

Providencia, incidence in inf. (Cz) 2775

Pseudomonadaceae, contamination of stored blood & blood deriv. (Fr) 13042

pyrogenic eff. of sterilized bact. suspensions on rabbits, relation to bact. count in inject. 31402

Ramibacterium pleuriticum, pathogenicity of various strains (Fr) 13029

reactions between species in bact. transform. 10200

relation to granulation tissue & skin grafts in burns 8033

Ruminococcus flavefaciens, nutrition & physiol. 28217

size limitations governing incorporation of genetic material in bact. transform. 10199

Sphaerophorus necrophorus causing septicemia 20476

Sphaerophorus species isolated from intestine of termite, pathogenicity for rabbits (Fr) 13041

Spirobacillus cienkowskii, carotenoid pigment determ. 52379

staining of iron bact. 32624

strains isolated from hosp. staff members (Ser) 27872

survival of pathogenic bact. in drinking & surface waters (Ger) 34467

survival of pathogenic bact. in soiled cloths during laundering at various temperatures, comparison 7036

survival rates after high-vacuum freeze drying (Ger) 34489

taxonomic interrelation of virus & bacteria 13551

thermal death-time of spores in in dry heat 18404

toxins, eff. on ATPase metab. (Ca) 38248

toxins, eff. on brain ammonia & glutamine (Rus) 33566

toxin-inactivating substance from Penicillium cyaneo-fulvum 37977

toxins, reactions with tumor tissue in mice (Fr) 54128

transduction of bact. hered. by phages, review 32359

variability, eff. of soil. & climate, review (Rus) 33154

Zymobacterium oroticum, purification & properties of dihydroorotic dehydrogenase from 40498

***culture***

*see also* **CULTURE MEDIA**

antag. eff. of culture filtrates against staphylolysin & streptolysin (Fr) 48803

bact. mixtures (Ger) 55679

coliform, MacConkey broth & glutamic acid media for detection in water, comparison 17397

filtering appar. for bacteriol. media (Ger) 34525

frozen suspension for maintenance of bact. in stock culture 6520

growth in utilized culture medium (Ger) 25230

L form (Tur) 45443

Lancefield D group enterococci cultured from blood of rheum. fever patients 5191

1-(p-nitrophenyl)glycerin inhib. of colonization (Ger) 23166

nutritional requirements & metab. activity of bact. in culture 47900

preserv. by drying on porcelain beads, technic 16887

separation & concentration of spores & vegetative cells by foam flotation 1305

synchronization processes in cultures (Ger) 55495

zones of bact. growth on edges of antibiotic-induced zones of inhibited growth (Fr) 17928

***effect of drugs on***

*see also* **ANTIBIOTICS**

*see also* **ANTISEPTICS**

Actinobacterium meyeri, sensitivity to oleandomycin in vitro (Fr) 13040

3-aminocoumarin deriv. (It) 54237

3-aminocoumarin deriv., exper. results (It) 37394

antibact. activity of allantoic fluid of embryonated eggs infected with influenza virus 41979

antibact. activity of water-soluble compound in heartwood of Haematoxylon brasiletto 40386

antibact. agents, relation of increased use to micrococcal & streptoc. epidemics in hosp. 31257

antibact. agents, sensitivity testing of poorly diffusing agents on new agar medium 38344

antibact. properties of human vitreous 46459

antibiotic sensitivity, simplified tube procedure for routine determ. 54834

antiseptics in progressively increasing concentrations causing develop. of resist. mutants (It) 16008

3-aryl-3-isonicotinamido-4-thiazolidones & aryl deriv. of isoniazid, testing for antibact. activity (It) 39316

8-azaguanine (Fr) 48903

bacitracin, neomycin & polymyxin powdered spray on bact. in vitro 48504

p-chlorobenzyl alcohol & p-chlorophenethyl alcohol, bactericidal action in relation to their partition coefficients (Ger) 39239

cysteamine & deriv. induction of bacteriolysis 17316

DDT on aquatic species 2558

desoxycorticosterone on growth 16874

N1-(2,6-dimethoxy-4-pyrimidinyl)-sulfanilamide in vitro 31422

2,5-dimethyl-p-benzoquinone, antibact. eff. (It) 37288

6-ethyl-8-mercaptooctanoic acid & thioctic acid analogues on acetate generation of transfer of bact. enzyme systems 40453

Feulgen stain, quantitative reaction in bact. 54585

formaldehyde, eff. of addition of peptones on bactericidal action 41305

glyoxal inhibitory action (Fr) 10212

N-guanidino-p-benzoquinone imine hydrazine deriv., antibact. activity of 1 condensation product 40387

histone, bactericidal action under certain cond. in vitro 38338

lysozyme, antibact. action in ther. of epistaxis (It) 37312

mutagenesis in chloramphenicol-inhibited bact. 50327

neomycins B & C, comparison of activity (Fr) 54908

nicotinic acid & isonicotinic acid deriv., antibact. eff. (It) 3544

procaine, inhib. of growth of specific bact. (Sp) 43911

ristocetin, comparison with other antibiotics (It) 54212

routine sensitivity studies on bact. isolated from hosp. patients 47619

silver nitrate & boric acid on microbial flora of conjunctival sac in newborn (Cz) 38307

sodium lauryl sulfate on bact. cell wall (Fr) 30600

sulfonamides, determ. of sensitivity by freeze-dried disk technic 4890

superphosphate of lime, bacteriostatic & bactericidal eff. (Fr) 28906

vitamin K, bacteriostatic action (Ger) 33901

***effect of radiations on***

gamma irradiation of dried bact. spores, influence of oxygen on survival 19620

relation of funct. & genetic radiation damage in phage-infected bact. 45828

ultraviolet rays, on photoreactivity (Rus) 37138

ultraviolet rays on survival of phage after exposure of temperate phage & host bact. (Fr) 13801

***metabolism***

adaptive enzyme system for degradation of glucuronic acid & its lactone (Ger) 27916

S-adenosylmethionine enzymic transmethylation with homocysteine in various bact. extracts 1688

alcohol & aldehyde analogs & phosphate deriv. of tryptophan, metab. by tryptophan-utilizing bact. (Ger) 46160

B group vitamins, synthesis by bact. artificially rendered antibiotic-resist. (It) 31722

carbohydrate fermentation & indole prod., combined test in identification of coliform bact. (Ger) 38434

carbohydrate fermentation, rapid detection methods with Enterobacteriaceae 50335

carbohydrates, review 25113

cellulolytic activity of phytopathogenic bact. 42971

chemosynthesis in hydrogen bact. (Rus) 51928

deamination, eff. of pH (Fr) 26954

desoxyribonucleic acid, extracellular & intracellular activity, review & exper. 40844

desoxyribonucleic acids, hered. aspects, review (Rus) 45614

Enterobacteriaceae, disk method in biochem. assay (Pol) 39589

enzymes of thermophilic bact., phys. & chem. properties 46375

enzyme systems requiring pyridoxal phosphate, eff. of 4-amino-5-hydroxymethyl-2-methyl-pyrimidine phosphate 37072

formic acid & gas prod. by coliform organisms eff. of temperature 40842

gelatin hydrolysis, rapid detection methods 50334

gelatinases, detection by gelatin-agar plate methods 40455

growth inhib. by lactose base in antibiotic disks for sensitivity testing 17710

histaminase, eff. of various antibact. drugs (Rus) 36397

inorganic nitrogen, review 25114

lactic acid bact., acetic acid-lactic acid ratio, eff. of sugar concentration of medium 1302

lactic acid bact., 2,3-butanediene prod. by eff. of various conditions 1303

levansucrase from various bact. (Dut) 43076

lysine racemase distribution 28215

malic acid-reducing bact., nutritional & growth requirements (Ger) 47651

membrane ground substance from gram-positive & gram-negative bact., isolation (Ger) 25323

nature of isolated bact. fractions as related to preparative technic 39271

new method for resolving amino acids by metab. of bact. on benzoyl deriv. of DL-amino acids 7206

nicotine oxidation by cell-free bact. prep., isolation & identification of (l)-6-hydroxynicotine as first oxidative product 40561

nicotine oxidation by cell-free bact. prep. 40560

nitrogen fixation by gram-negative bact. other than Azotobacter 19571

oligosaccharide & polysaccharide synthesis 10208

phosphorylation of cellobiose & glucose by Ruminococcus flavefaciens 28219

poly-3-hydroxybutyric acid in aerobic gram-negative bact. 19522

purines, comparison of genetic & nutritional blocks in biosynthesis in bact., molds & yeasts 35420

quinic acid oxidation, aromatic intermediates 17309

reductive activity in bact. cells, morphol. localization (Ger) 46574

review (Rus) 33149

sialic acid 52398

soil bact., relation to growth-promoting substances, review 1608

sulfate-reducing bact., counting in mixed bact. populations 7241

transfer of pyruvate to uridine diphosphate N-acetylglucosamine by bact. enzyme system 47983

uronic acids, induction of enzymes for oxidation in marine bact. 4720

vitamin B12 synthesis by bact. isolated from slime deposits in cobalt-rich areas (Rus) 19119

***BACTERIAL WARFARE*** *see* **BIOLOGICAL WARFARE**

BACTERIOLOGY
*see also* MICROBIOLOGY
*see also* STAINS AND STAINING
bacteriol. diag. in small laboratory 12326
contribution of Paul Ehrlich (Fr) 36202
contribution of Robert Koch (Ger) 18415
coverage of bacteriol. as a specialty & bacteriol. train. & licensure 3582
role of bacteriol. in sanitation (Rus) 3812
simplified methods for quantitative bacteriol. study of tissues, fluids & exudates 50733
*apparatus and instruments*
appar. for collection of flocculated vegetative bact. cells 1312
appar. for examining & counting bact. colonies (Ger) 34493
improved Petri dish 17718

BACTERIOPHAGE
actinophage, inactivation of antibiotics prod. by Actinomyces (Rus) 36387
actinophage, role in virulence of Actinomyces (Rus) 33170
adsorption/penetration of phage particle, review 25108
antigenic changes in Shigella flexneri group by bacteriophage 4343
B, eff. on Corynebacterium diphtheriae toxin prod. (Pol) 29512
binding of tumor cells in vitro (Pol) 30903
blockade of phagocytosis of bact. by leukocytes in vitro 54288
concentrated prep. for conversion of M. tuberc. to protoplasts, technic 31352
defective phage P22 transduction of Salmonella typhi murium (Ger) 23069
develop. of phage holes & mechanism of action in solid contrast media (Ger) 34477
eff. of temperature on oxytetracycline-resist. & phage-producing cells of Bacillus megatherium 17335
eff. on Brucella abortus metab. (Rus) 1723
eff. on Proteus mirabilis L phase (Ger) 23066
electron microscopy of phage invasion, infect. & lysis of Bacillus megatherium (It) 31726
genetic recombination, hypothesis of complete cooperation (Ger) 34391
genetic recombination in presence of chloramphenicol 10870
inactivation by formaldehyde, ninhydrin & ultraviolet rays & multiple reactivation (Fr) 47414
incidence of phage-producing cells in bact. cultures 5108
lysogeny & conversion in mitis & mitis-like Corynebacterium diphtheriae 40855
maintenance in external environment, origin & mechanism (Fr) 21304
mutation in relation to normal & abnormal cell funct. 13256
neutralization measurement in assay of properdin (It) 37301
of E. coli, electron microscopy of bacilliform types (Ger) 23146
of E. coli, mutation to resist. to phages T1 & T1s 34386
of E. coli, neutralization technic for determ. of properdin 21667
of hemolytic streptoc., antigen release from cell wall by phage-assoc. lysin 38333
of Proteus, biol., phys. & serol. properties 9779
of Salmonella typhimurium, adsorption & single cycle multiplication of phages of various levels of lytic activity (Rus) 55805
of Salmonella typhimurium, antigenic properties & resist. to various agen (Rus) 55806
of Salmonella typhimurium in various stage of virulence, electron microscopy (Rus) 55835
of Shigella, adsorption, phage-resist., & antigenic properties (Rus) 55804
of Streptomyces olivaceus (Rus) 19121
of Xanthomonas species 2564
passage through digestive tract after admin. of various commercial liquid bacteriophage prep. (It) 43270
passage through intact skin of mice 9581
phage-resist. variants of A & C hemolytic streptoc. (Ger) 34582
phage titer growth method of determ. of Enterobacteriaceae in water & milk (Rus) 55807
phage titer growth reaction in detection of free phage with anti-phage prep. dimezol 14 (Rus) 55826
phage titer growth reaction in detection of Shigella on various objects (Rus) 55827
phage types A & E1 of Salmonella typhosa, subdivision (Ger) 34496
phage types of micrococci, eff. of loss of prophage & induced lysogenicity (Fr) 34498
phage types of Salmonella typhosa A, stability of sub-types after inoculation into guinea pigs (Ger) 34494
phage typing of micrococci in hosp. epidemics of micrococcal infect. (Ger) 34501
phage typing of Micrococcus aureus, standard. (Ger) 34499
phage typing of Micrococcus pyogenes, diag. significance (Cs) 28563
phage typing of Proteus hauseri (Fr) 34503
phage typing of Salmonella breslau 55832
phage typing of Salmonella paratyphi A (Ger) 34497
phage typing of Salmonella schottmoelleri strains, detection of 390 epidemiol. foci (Ger) 23003
phage typing of Salmonella typhosa Vi-negative strains (Fr) 34495
phage typing of Shigella sonnei Berlin strains (Ger) 46365
prophage P2 inheritance in bact. crosses 22593
relation of antibiotic-resist. of micrococci to phage type (Ger) 34500
specificity of O-1 phage test for detection of salmonellae (Ger) 28416
T2, action on filamentous cells of E. coli 10860
T2 enzyme, characterization 10873
$T_2$ of E. coli, eff. on bact. ribonucleic acid turnover 13754
T2 of E. coli, elimination of dual sedimentation in sedimentation rate determ. by formaldehyde treatment 1694
T2 of E. coli, host-induced modification & eff. of $\alpha$-keto acids 4713
T2 phage reprod., role of desoxyribonucleic acids 10197
T2 phages with different sedimentation rates depending on pH, electron microscopy 23610
T2r+ phage inactivation by properdin system of human serum in vitro, interference by endotoxic polysaccharides 37567
$T_2$ & $T_4$, release & stability of large subunits of desoxyribonucleic acid 50566
T3, adsorption reaction with specific antibodies (Ger) 34478
T4 of E. coli, recombinations & crossing 10857A
T4 phage, genetic & funct. analysis of multiplicity-reactivation in 22594
T4D mutants, genetic analysis 10864
T4 rII group, recombination of formol-inactivated phages (Fr) 47404
T5 of E. coli, breakdown & resynthesis of desoxyribonucleic acid in host during infect. 10877
T5 of E. coli, immunogenetic dissection of phage tail 21674
T7 infect. of E. coli, eff. on ribonucleic acid phosphorus metab. 23605
tier increase in rapid detection of Vibrio comma (Rus) 11495
transduction of bact. hered. by phages, review 32359
virulence of ultraviolet-inactivated phage (It) 54241
*effect of drugs on*
5-bromouracil & proflavine induction of mutations in E. coli phages 19609
glyoxal inhibitory action (Fr) 10212
mechanism of inhib. of phage prod. (Ger) 39231
protamine inactivation of E. coli T1 & T5 phages, kinetics (Ger) 25324
proteinase inactivation of urea-disrupted phages 45842
*effect of radiations on*
relation of funct. & genetic radiation damage 45828
ultraviolet rays on survival after exposure of temperate phage & host bact. (Fr) 13801
*metabolism*
desoxyribonucleic acid replication, study by molecular radioautography 51307
internal protein in T2 & T4 bacteriophages 45831
phage precursor desoxyribonucleic acid, sensitivity to ultraviolet light 10855

BACTERIUM
*infections*
Bacterium anitratum causing fatal pyopneumothorax in inf. (Rus) 52891
*metabolism*
aspartase & fumarase from Bact. cadaveris, mechanisms 16931

BACTEROIDES
corrodens n. sp., morphol. & biochem. studies 23952
melaninogenicus, morphol., biochem. & serol. (Ger) 55496
*effect of drugs on*
oleandomycin (Ger) 34055

BACTEROIDES INFECTIONS
*case reports*
Bacteroides as forgotten pathogenic agent, clin. bacteriol. & immunol. consi. 3662

*BAL see* DIMERCAPROL

BALANTIDIASIS
(Por) 13613
(Sp) 31845
*case reports* 6455

BALANTIDIUM
*effect of drugs on*
inv. substances on Balantidium coli, susceptibility (Pol) 33777

*BALDNESS see* ALOPECIA

BALLISTOCARDIOGRAPHY
12250
12251
biophys. factors 12252
cardiohemodynamographic exam. of healthy child. (Rus) 13842
classif. of waves in various heart dis. & central mechanism of prod. (Sp) 6814
determ. of eff. of progressive phys. strain on heart beat & minute volume (Ger) 53083
differences with dynamocardiography (Rus) 25814
eff. of pregn. & labor (Sp) 1550
IJ stroke, eff. of resp. (It) 15252
in athletes (Sp) 8674
mechanism of prod. of waves & significance in physiol. & pathol. states (Sp) 6817
methods, interpretation & diag. value (It) 36211
of healthy subjects (Rus) 18302
origin of displacement of human longitudinal ballistocardiogram from changing blood distribution 24357
pathol. origin of various waves in ballistocardiogram (Hun) 29152
practical problems (Rus) 18301
reading ballistocardiograms 12253
relation of precordial force-thrust to intracardiac pressure events 15719
relation to heart funct. 24356
time relations of precordial force-thrust & accelerartion ballistocardiogram from pendulum & ball bearing platform 15718
ultra-low frequency ballistocardiographic systems & recording of various circ. processes 24345
*apparatus and instruments*
combined ultra-low & high frequency ballistocardiograph 35032
for simultaneous ECG & ballistocardiography (Rus) 1769
*effect of drugs on*
trimethaphan on K wave in hypertension without heart dis. (Sp) 8834
*experimental*
ballistocardiograms of normal dog, prod. & results (Sp) 8676
direct ballistocardiographic technic in chronic experiments in dogs (Rus) 48050
*in various diseases*
anemia, severe chronic cases 48703
cardiovasc. defects, congen. (Rum) 43997
cardiovasc. defects, congen. (Sp) 53352
complete visceral situs inversus (Rus) 19313
coronary dis., preop. & postop. evaluation 35638
coronary dis., results after a heavy meal 35644
coronary dis., role in diag. & in evaluation of ther. 35643
diabetes mellitus (Pol) 30831
diabetes mellitus in adults with origin in childhood 2910
diag. value & limitations (Ger) 18980
hypertension (Pol) 30730
hypertension, determ. of peripheral arterial funct. (Pol) 30830
kidney dis. 12254
mitral stenosis (Fr) 35029
mitral stenosis & mitral insuff., comparison 32487
mitral valve dis. (Pol) 43665
mitral valve dis., differ. diag., abnorm. in F, G, H & I waves 9778
peripheral vasc. dis., after intra-arterial oxygen inject. (Pol) 30832

BALNEOLOGY
*see also* MINERAL WATER
*see also* MUD THERAPY
Bad Münster am Stein, Germany, physicochem. & bioclimatic studies of waters (Ger) 47687
balneo-psychiatry (Ger) 53830
balneother. cures in E. Germany, choice of resorts & deserving patients (Ger) 46126
eff. of thermal baths on water-electrolyte metab. (Pol) 30788
eff. on kidney funct. 31783
famous political & royal figures at Span. resorts (Sp) 1814
hot baths & sulfur baths, eff. on 17 ketosteroids in urine (Ger) 47688
hot baths, physiol. eff. (Fr) 44794
med. evaluation & geol. of Bad Liebenzell mineral springs (Ger) 16104
review (Pol) 53186
role in current med. (Ger) 10283
sauna baths, eff. on electrolyte excretion & renal clearance 24458
sauna baths in Finland 43179
sauna baths, radioactive factors (Ger) 38901
spa selection (Ger) 55472
sulfur baths, principles (Ger) 22828
thermal bath & mud ther. of aged (It) 43583
thermal baths of Bursa, Turkey 16360
thermal springs in So. Vietnam (Fr) 13096
*complications*
thermal bath causing heat stroke, case report 25517
*history*
Bath, England 20389
*in various diseases*
arteriosclerosis & thromboangiitis obliterans (Pol) 30848
balneother. with Karlsbad spring, efficacy (Ger) 49033
biliary tract dis. (Ger) 10285

brachialgia & intercostal neuralgia caused by cervico-dorsal spondylosis (Rum) 31128

bronchitis, eff. of climate (Ger) 36477

carbon dioxide baths in chronic rheum. dis. (Ger) 49052

diencephalic disord. (Rus) 34732

dis. due to modern life cond. (Ger) 4055

eczema, mineral water baths of Talgi, Russia (Rus) 55199

emollient oil baths in dermatoses & burns 6531

gastrointestinal dis. (Ger) 10284

hepatitis, chronic (Bul) 45307

hypertension, comparison of various ther. procedures (Ger) 29478

hypertension, eff. of various procedures on ECG (Pol) 30867

oil bath in skin dis. 11585

puberty disord., thermal baths (Fr) 15171

rheum. arthritis, with adjuvant nicotinic acid, local admin., for calorific nerve stimulation (Ger) 22832

rheum., coverage of cranother. under national health program in France (Fr) 43803

rheum. dis., methods & results in Rumania (Rum) 31132

31136

rheum., iodized mineral water, eff. on 17-ketosteroids in urine (Rum) 31124

rhinobronchial dis. (Fr) 10037

ringworm, galvanic baths (Rus) 45873

skin dis. 24717

skin dis. (Ger) 3990

skin dis. & dystrophic disord. of connective tissue, thermal baths (It) 13656

sulfurous crenother. in eczematous & psoriasic skin dis., eff. on blood proteins (It) 3906

thermal baths in loss-of-confidence synd. & fatigue in jet-plane pilots (Fr) 29239

thermal baths of Saint-Gervais, France in ther. of skin dis., indic. (Fr) 28490

thiobitum bath in gyn. dis. (Ger) 38920

## BALSAM

### *therapeutic use*

N,N-diethyileucinon-p-aminobenzoic acid methanesulfonate-balsam ointment prep. in painful & inflammatory lesions in surg. (Ger) 34542

*BANANAS see* FRUITS

## BANDAGING AND DRESSING

adhesive plaster in skin dis., with ultraviolet rays (Rus) 45648

adhesive plastic material in management of burns (Cs) 21545

bovine embryo skin zografts as temporary biol. dressings for burns & other skin disord. 30662

emergency bandage for extensive burns (Cs) 21546

gauze gloves for wet-compress ther. 24

hist. develop. in army med. serv. (Ger) 30621

leg bandages, method of application (Ger) 15344

new bandage scissors 4527

new-type dressing in anorectal surg. 24612

nobecutan, value in hot climate 4832

plastic casts (Ger) 11390

postop. dressing of wd. & drainage in paracentesis tympani in otitis (Fr) 13067

roll bandage with camphor-ethereal oil-quinine balsam in ther. of resp. dis. (Ger) 42353

routine use of spray-on plastic dressing on surg. wds. 17461

starch bandages in surg., hist. (Rus) 41563

tight dressing in prev. & ther. of compl. during healing of postop. eye wds. (Pol) 28843

transparent plastic spray-on bandage in foot orthopedics 40389

tubular bandage, description (Fr) 44702

Unna's paste boot, technic 24720

various types for major & minor wds. 20596

vibesate plastic transparent dressing in abdom. surg. 48511

*BANG'S DISEASE see* BRUCELLOSIS

*BANTHINE see* METHANTHELINE

*BANTI'S DISEASE see* ANEMIA, SPLENIC

## BARBITURATES

*see also* AMOBARBITAL

*see also* PENTOBARBITAL

*see also* PHENOBARBITAL

*see also* THIOPENTAL

5-allyl-5-(3-hexyn-2-yl)-1-methyl-barbituric acid, pharmacol. 51071

sedation threshold test in psychiatric patients 23418

tetrabarbital & tetrathiobarbital, pharmacol. (Fr) 32910

### *administration*

methital, intravenous admin., dos. & indic. (It) 51974

rectal infusions in pediatric anesth. (Fr) 24749

### *anesthesia and analgesia*

5-allyl-5-isobutyl-thiobarbituric acid & cito-eunarcon in gynecol. surg., intravenous admin. (Fr) 12986

5-allyl-5-isobutyl-2-thiobarbituric acid,eff. on QT interval in ECG, comparison with thiopental 2028

5-allyl-5-isobutyl-2-thiobarbituric acid for general anesth. in gyn. laparotomy (It) 11833

5-allyl-5-isobutyl-2-thiobarbituric acid in cardiazol convulsive ther. of ment. disord, (Por) 8751

5-allyl-5-isobutyl-2-thiobarbituric acid in outpatient surg. (Ger) 12889

5-allyl-5-isobutyl-2-thiobarbituric acid, indic. 30693

5-allyl-5-isobutyl-2-thiobarbituric acid, intravenous admin., eff. of polyvinylpyrrolidone in labor (Ger) 12879

1,3-bis(2-dimethylaminoethyl)-5,5-diethyl-barbituric acid in controlled hypotension in surg. (It) 11822

5-(2-bromoallyl)-5-isopropyl-1-methyl-barbituric acid-meperidine prep. in cataract extraction, with & without d-tubocurarine chloride 23878

cito-eunarcon & methital, ultrashort action (It) 11832

cito-eunarcon as general anesth. with ultrashort action for intravenous admin. (It) 35009

cito-eunarcon in obst. & gyn. surg. (It) 42573

cito-eunarcon, use in orthopedic & traumatol. surg. (It) 11826

combined thio- & oxy-barbiturates in general anesth. in Sluder's tonsillectomy (Fr) 13080

eff. of meperidine & promazine preanesth. in ocelot & leopard 16774

eff. of oxytocin in dogs 24766

eunarcon, causing cardiac arrest with schizoid psychosis (Ger) 7380

hexobarbital & kemithal combinations, anesth. properties in dogs 12756

hexobarbital anesth. by rectal admin. causing metab. changes in child. (Ger) 34565

hexobarbital in electroshock ther. of endogenous depression & schizophrenia, eff. on blood sugar (Ger) 27017

inactin with ether, evaluation as short-term anesth. (Ger) 11036

local anesth. properties of barbituric acid deriv., eff. of alkaline hydrolysis 3549

methitural, chem. & pharmacol. properties & clin. uses (Fr) 54156

methitural, evaluation as intravenous anesth. agent 41018

methitural hypnosis, comparison with thiopental 963

methitural in general anesth. (Fr) 419

methitural in pediatric anesth. (It) 35006

methitural, intravenous, eff. on EEG (Fr) 48918

1-methyl-5-allyl-5-(1-methyl-2-pentynyl)barbituric acid, clin. evaluation 32072

1-methyl-5-allyl-5-(1-methyl-2-pentynyl) barbituric acid, clin. trials 37958

potency in out-patient anesth., comparison with thiopental 2030

secobarbital sodium, comparison of hypnotic eff. with methyprylon 14276

short-acting barbiturates in ambulatory anesth. (It) 15897

with hydroxydione succinate (Ger) 12878

### *antagonists*

4,4-ethylmethylglutarimide (It) 42470

4,4-ethylmethylglutarimide & other analeptics, review (Fr) 36200

### *determination*

cation-exchange resins technic (Dut) 30636

hydrogenation technic in separation of barbiturate mixtures (Fr) 51067

### *effects*

antag. & synergism with aminopyrine in various combinations (It) 15749

antag. eff. on contracting action of barium chloride & histamine on isolated small intestine (Fr) 32911

aprobarbital on anti-inflamm. eff. of phenylbutazone on formaldehyde edema of rat paw in thyroxin-treated rats (Ger) 49341

barbital inhib. of tolbutamide induction of hypoglycemia in rats (Ger) 18322

barbital, on conditioned reflex activity in rats (Rus) 3553

determ. in combination with ethyl alcohol 55008

hexobarbital, potentiating eff. of covatin, mechanism of action (Ger) 1577

methitural, on pancreas of rabbits (It) 39683

motor excitability, eff. of amphetamine in animals (Rus) 37209

narcotic eff. of barbiturates & thiobarbiturates in rats, influence of premedication with atropine (Ger) 36961

on activity of red nucleus in rabbits (Ger) 43016

on brain ammonia & glutamine (Rus) 33565

on convulsive excitability of cortex in relation to reticular system of brain stem in rats (Ger) 33984

on EEG of male post-addicts, eff. of moderate doses & withdrawal 27320

on learning in x-irradiation & non-irradiated monkeys 5115

on pole-climbing response of rats, comparison with tranquilizing agents & morphine (It) 53834

potentiation by atropine & scopolamine in mice 306

potentiation by phenothiazines, hypothermic method for measurement 20728

potentiation of action by new hydantoin (Fr) 54905

secobarbital on avoidance & escape behavior in rats 13433

secobarbital on continuous performance test of sustained attention 50911

secobarbital on escape & avoidance behavior, review 8353

secobarbital on time sense, comparison with amphetamine & placebo 36083

secobarbital on visual & motor behavior 50837

secobarbital, potentiation of hypnotic eff. by methylparafynol carbamate in mice (Fr) 26806

secobarbital with promethazine as preanesth. medication & on resp. 21858

sleep induction in mice, comparison of methods of measuring end point 50252

synergistic eff. with ethyl alcohol in rats (Ger) 52215

### *in blood*

kemithal determ. by ultraviolet spectroscopy 33488

### *injurious effects*

allylbarbituric acid-aminopyrine-caffeine prep., prolonged use causing psychosis, case report (It) 32169

angina pectoris allergica, antihistaminic ther. (Ger) 22820

liver cell damage, protective eff. of vitamin E, in dogs (It) 11834

5-methyl-5-phenyl-barbituric acid causing megaloblastic anemia 1776

### *metabolism*

barbital in brain, radiocarbon studies in rats (Rus) 49424

short-acting barbiturates administered intravenously, review (Ger) 47728

### *poisoning*

barbital & bromide pois., case report 14321

butobarbital in attempted suicide, with butane, resuscitation with Engström appar. (Fr) 38106

chronic (Dut) 29930

coma, ther., 4,4-ethylmethylglutarimide (It) 27663

coma, ther., 4,4-ethylmethylglutarimide (Sp) 53967

ther. 37540

ther. (Fr) 33406

ther., 4,4-ethylmethylglutarimide (Heb) 27773

ther., 4,4-ethylmethylglutarimide & 2,4-diamino-5-phenyl-thiazole 9261

ther., methylphenidylacetate 50794

ther. with & without analeptics, evaluation 12961

12962

### *preparation of*

thiobarbituric acid deriv., chem. structure in relation to local anesth. activity (It) 49412

### *therapeutic use*

5-allyl-5-(β-hydroxy-δ-iodopropyl)-barbituric acid & 5-allyl-5-(β-hydroxypropyl)-barbituric acid in neurol. disord. of peripheral vessels (Pol) 30843

5-allyl-5-(β-hydroxy-δ-iodopropyl)-barbituric acid in hypertension (Pol) 8061

barbital -2-diethylaminoethyl-(2-phenyl)butyrate - diallylbarbituric acid-phenobarbital prep. in sleep disord. (Ger) 51850

barbiturate-papaverine-theophylline prep. in posttraum. brain decompensation (Ger) 52220

cyclobarbital calcium in sleep disord., with meprobamate (Ger) 51809

cyclobarbital-meprobamate prep. in sleep disord. (Ger) 32971

hexobarbital as adjuvant in electroshock ther., pathophysiol. & ther. aspects (Ger) 25387

mephobarbital in chronic schizophrenia, comparison with chlorpromazine & promazine 34900

secobarbital in angina pectoris, combined with pentaerythritol tetranitrate in timed-disintegration capsule form. 16358

tetanus, comparison with chlorpromazine 53503

## BARIUM

as staining solution for tissue sections, electron microscopy 40585

barium meal exam., routine incident radiation dos. measurement 37635

radiocarbon-labeled barium carbonate, determ. by counting in a liquid scintillation spectrometer 41042

use of barium enema in radiography of large intestine, method & diag. value (It) 19244

### *determination*

in non-skeletal human tissues by modified neutron activation method 37078

in various eye tissues from animals & humans by modified neutron activation method 37079

### *effects*

barium chloride prod. of contraction in isolated intestine, antag. by barbiturates (Fr) 32911

on smooth musc. in isolated frog lung (Ger) 23605



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

*injurious effects*

retention in appendix causing acute appendicitis 23505

*metabolism*

blood & hemopoietic tissue in acute leukemia (Rus) 6039

*therapeutic use*

barium-enema reduction ther. of intussusception in inf. & child. 30131

*toxicity*

in guinea pigs, histopathol. (Fr) 47429

**BARIUM SULFATE**

barium meal residue, clin. value 18373

barium sulfate-carboxymethylcellulose prep. as contrast medium in esophagus x-ray, comparison with barium sulfate (Ger) 36937

barium sulfate-tragacanth mucilage, replacement of lipiodol as x-ray contrast medium 38398

double contrast method of colon x-ray with micronized barium sulfate suspension (Ger) 9526

in micticcystourethrography in diag. of urinary disord. in inf. & child. 24791

*administration*

enteric compression coated tablets of barium sulfate alone & with potassium iodide 40355

*injurious effects*

pneumoconiosis in paper workers, x-ray diag. (Ger) 3606

*metabolism*

transport through rat epididymis, mechanical eff. of vas deferens 10054

*BARLOW'S DISEASE see* SCURVY

**BARTHOLIN'S GLANDS**

*anatomy and histology*

cytol. & cytochem. studies in woman 7658

*neoplasms*

fibromyoma, develop. long after hysterectomy for uterine fibromyoma & surg. of bartholinitis (It) 15029

**BARTONELLA INFECTIONS**

contribution of Daniel A. Carrión (Sp) 8710

**BASAL GANGLIA**

chemopallidectomy & chemopallidothalamectomy in dystonia musculorum deformans 34891

chemopallidectomy & chemopallidothalamectomy in dystonia musculorum deformans & other involuntary movement disord. of child. 26649

chemopallidectomy & chemothalamectomy in anterior choroidal occlusion, 5 year follow-up 7397

chemopallidectomy & chemothalamectomy for paralysis agitans & involuntary movements of child. 8129

chemopallidectomy for paralysis agitans & dystonia, technic 53534

chemopallidectomy for paralysis agitans, indic. & technics 18084

chemopallidectomy in paralysis agitans & juvenile extrapyramidal hyperkinesis (Rus) 10941

chemopallidectomy in paralysis agitans, eff. on vocational status 13491

chemopallidectomy, indic. & compl. 4525

electropallidoansotomy in extrapyramidal & convulsive disord. 19787

globus pallidus & its fiber tracts, stereotaxic exploration & application in paralysis agitans (Fr) 54106

globus pallidus & lentiform nucleus, stereotaxic coagulation in paralysis agitans (Fr) 54107

pallidal stereotaxy in paralysis agitans (Fr) 9136

*anatomy and histology*

amygdaloid nucleus change in ontic- & phylogeny (Rus) 33456

*diseases*

calcified tuberculoma, causing hemi-athetosis in child (It) 29723

cysticercosis of corpus striatum, with atrophic liver cirrhosis, case report (Bul) 16430

pallidal lesions, causing personality changes, comparison with eff. of various cortical lesions 27035

strio-pallidal synd. in aged, ther., procaine, intramusc. inject. (It) 42576

*physiology*

eff. of amygdaloid & periamygdaloid electrostimulation & after-discharge on blood pressure in cat 50939

eff. of caudate nucleus lesions on ovarian funct. in ferret 40805

eff. of caudate nucleus lesions on visual discrimination & single-alternation performance in monkey 4931

eff. of corpus striatum & claustrum stimulation on spinal reflex & strychnine activity 5513

eff. of electrostimulation of amygdaloid complex on blood 17-hydroxycorticosteroid levels in monkey 47106

eff. of electrostimulation of caudate nucleus on memory in cat 4929

eff. of removal of amygdaloid nuclei on adrenal cortical hormone secretion in exper. animals 24014

eff. of ultrasonic irradiation of pallidofugal complex in hyperkinetic & hypertonic disord. 50948

hypothalamo-striatal neurosecretory pathways, in guinea pigs (Fr) 26933

*surgery*

destruction of globus pallidus in paralysis agitans (Fr) 7386

pallidotomy & pallidoamygdalotomy in convulsions, indic. 23413

surg. of globus pallidus in paralysis agitans & other tremors, indic. (Sp) 1798

**BASAL METABOLISM**

comparison in humans in relation to their climatic preference 16828

eff. of resp. insuff. (Rus) 53456

eff. of sham feeding in dogs (Rus) 48001

funct. relationship to blood iodine content in rats (Fr) 15119

increased metab., eff. on radiation sensitivity of rats (Ger) 9984

of Indians, relation of low rate to blood cholesterol, glucose & protein-bound iodine levels 40073

reduced metab., radioprotection eff. of 2-aminoethanethiol & cysteine (Ger) 9983

sleeping metab. rate as diag. test for hyperthyroidism 10507

*determination*

in newborn & premature inf., appar. (Ger) 30505

in thyroid funct. test., technics & diag. value, comparison with radioiodine fixation test & serum cholesterol determ. (Fr) 54463

modified open system for determ. in rats (Rus) 52957

psychogenic increase of energetic metab. (Ger) 29450

role of blood pressure & pulse (Por) 8662

*effect of drugs on*

alkylamine deriv. of phenothiazine in rat (It) 27430

aminoketones in rats, comparative studies (Hun) 29173

calorigenic acitivity of various thyroxin analogues in rats 49247

chlorpromazine pretreatment, value of response to chlorpromazine in differ. diag. of dis. with high basal metab. (Hun) 29153

salicylate-induced increase in rate in man, eff. on responses to arterenol & epinephrine infusions 14990

thyroxin, triiodothyroacetic acid & triiodothyronine in non-toxic goiter 15058

*in various diseases*

Hodgkin's dis. & leukemia (Rus) 6037

obesity (Ger) 11207

obesity in inf. (Fr) 16377

pulm. tuberc. before & after chemother. (Ger) 55440

thyroid dis. 30259

thyroid dis., comparison with other diag. tests 1143

*BASEDOW'S DISEASE see* HYPERTHYROIDISM

*BASILAR BONE see* OCCIPITAL BONE

*BASOPHILISM, PITUITARY see* CUSHING SYNDROME

**BASOPHILS**

*see also* MAST CELLS

count, eff. of ACTH on rabbits 35086

count, eff. of cortisone on rabbits 35084

count, eff. of thyroxin inject. on circulating levels in rabbits 35087

count in asthma, eczema & psoriasis 23700

count in various dis., diag. value (Ger) 46602

count of polynuclear basophils in peripheral blood of premature inf. (It) 25587

in normal human anterior pituitary gland, histochem. identification of two types 5619

quantitative changes, diag. value in metabolic dis. (Ger) 33828

stippling in exper. lead pois. & mechanism of form. of granules in stippled cells 24112

stippling in exper. lead pois., cytol. study 24111

*metabolism*

heparin sulfur moiety, characterization by reaction with lead (Fr) 1056

1057

*physiology*

migration from blood to genitalia during ovulation in rabbits 208

*BATHS see* BALNEOLOGY

**BATS**

in rabies transm., review (Fr) 6372

lipids in interscapular brown fat of female bats, histochem. & microchem. 13187

metab. curves (Ca) 38215

orientation in Megachiroptera 17275

unidentified virus isolated from Nigerian fruit bats 22296

*diseases*

helminth infect. (Pol) 33789

**BCG VACCINATION**

advantages 8517

comparison with tuberculin reaction (Fr) 44942

concurrent vacc. program in Brazil (Por) 13602

desirability in school child. of advanced age (Dut) 52527

dry vaccine (Fin) 21986

effectiveness of repeated oral vacc. (Fr) 38541

enteral, increased effectiveness (Rus) 34659

evaluation (Ger) 55077

evaluation, review 17558

follow-up & calculation of mortal. & survivorship in vaccinated & non-vaccinated child. in Algiers 36542

for prev. of primary infect. (Fr) 35504

in adolescents with non-active lung changes (Rus) 45176

in Belgium (Fr) 35503

in Brazil (Por) 8789

in Denmark (Dan) 41959

41961

in France (Fr) 32410

in Germany (Ger) 34340

in Hungary, report on vacc. in a village (Hun) 30039

in newborn & school child. (Sw) 45339

in Russia (Rus) 23619

22620

31221

in schoolchild., need for post-vacc. conversion testing 14229

in U.S. 6138

lack of circulating antibodies after BCG immun., determ. by globulin titration technic 12816

lyophilization of vaccines from various BCG strains with radiocarbon (Rus) 55796

lyophilized vaccines from various strains, comparison (Rus) 55777

pathogenicity in man & hamster, allergic reactions & resist. (Por) 53807

prev. value (Fin) 21987

problems in technic of prep. & standardization of vaccine (Fr) 37762

pulm. tuberc. develop. after vacc., causes of failure (Ger) 37002

sensitivity, eff. of antibiotics & chemother. in tuberc. patients (Pol) 16045

serial tests in school child. in E. Germany (Ger) 34338

standard. of vaccine, progr. 35913

technics & pre-vacc. testing with tuberculin reaction 26014

vaccine, vital staining method for rapid determ. of bact. count 12014

value & limitations 22330

with concomitant isoniazid chemoprophylaxis, results in Espírito Santo, Brazil (Por) 6780

*complications*

allergic reactions, relation to natural resist. to tuberc. (Por) 18829

erythema nodosum (It) 36832

meningeal tuberc. in inf. 14230

37744

ocular (Fr) 9252

post-vacc. allergy & immunity (Por) 53882

pulm. tuberc. in university students, statist. (Por) 53880

sarcoidosis (Ger) 22339

scrofuloderma gummosa in child, case report (Fr) 25449

severe infect. compl. with extensive moniliasis & familial hypogammaglobulinemia (Sp) 36849

Willard's lupus, case report (Fr) 37871

*effects*

induced resist. of mice to Brucella abortus 2308 infect. 19563

induction of anti-tubercl. resist. & relation to infra-allergy produced by total bact. cells in guinea pigs (Fr) 13030

on evolutive rate of exper. leprosy in hamsters 21066

on lepromin reaction in guinea pigs (Por) 44461

on lepromin reaction, irradiated vaccine (Por) 13616

on non tuberculin & lepromin reactors in healthy leprosy contact child. in Indonesia 50026

on subsequent develop. of ocular tuberc., statist. 23689

on tuberculoid leprosy in endemic areas (Fr) 14445

potentiation of eff. of dinitrochlorobenzene on skin in guinea pigs (Ger) 15271

tuberculoid reaction in leprosy following BCG vacc. (Fr) 25508

*experimental*

correlation between phagocytic activity of RE system & prod. of antibact. antibodies in mice (Fr) 26915

determ. of most effective methods in animals (Rus) 31235

eff. of intravenous BCG inject. on develop. of tuberc. lesions in guinea pigs (Fr) 48032

eff. of isoniazid on immun. induced by BCG vacc. (Fr) 13031

eff. on isoniazid sensitivity in tuberc. guinea pigs (Jap) 28693

enhancing eff. on response of rats to inoculation with killed Eberthella typhosa, relation to funct. of RE system (Fr) 38722

enteral increase dose vacc. (Rus) 31181

in guinea pigs treated with isoniazid, comparison with Petragnani's anatuberculin (It) 43268

perorai in guinea pigs, results (Rus) 31180

post-vaccinal sensitivity of mice to bact. endotoxin 31334

*therapeutic use*

oral BCG ther. with isoniazid in chronic erythema & cutaneous tuberc. (Hun) 48075

possible value in leprosy prev. studied by vacc. of So. African Bantus 16353
prev. of leprosy in child. of leprous parents (Por) 13623
tuberc. in child., repeated oral admin., biochem. determ. of reaction (Rus) 31234
tuberc. in child., repeated oral admin., reaction (Rus) 31233

**BEANS**

*see also* CASTOR BEAN
*see also* SOY BEAN

bean sprouts, eff. of combined x-rays & ultrasonics on develop. (It) 53747
eff. of trace elements on amino acids in bean proteins 19605
mung bean ribokinase, properties 13701
mung bean root absorp. of rubidium in vitro, eff. of x-irradiation 31608
mung bean seedlings, mechanisms of enzymic synthesis of $\beta$-1,3-linked glucan 16892
mung bean seedling pyrophosphorylases in biosynthesis of uridine diphosphate galacturonic & glucuronic acids 47707
mung bean synthesis of vitamin C, role of condensation of glucose with acetoacetate 31466
proteins in leguminous seeds, paper electrophoresis 52435
Vicia faba, cytochromes in chloroplasts 52309
Vicia faba meristem cells, structure & mode of form. of nucleolus in 40593
Vicia faba, occurrence & metab. of oligosaccharides 52310
Vicia faba, protective eff. of ribityl benzene in x-irradiation (Ger) 39389
Vicia faba root, relative biol. effectiveness of neutrons & radiocobalt gamma rays on 31607
Vicia faba root synthesis of desoxyribonucleic acid, blockage by 5-hydroxyuracil 40595
vitamin B12 content (Pol) 23587

**BEAUTY**

aesthetic preference, relation to time judgment & need for achievement 50111
cosmiatrics 9475

**BEAUTY CULTURE**

*see also* COSMETICS

dermatol. aspects of cosmetol. (Rus) 48073
fraudulent advertising for slenderizing, prosecution & conviction (Ger) 42252

***BECHTEREW'S DISEASE see*** SPONDYLITIS, ANKYLOSING

**BEES**

*see also* HONEY

bee venom containing phosphatidase A, protective eff. against bact. exotoxins in mice 29836
bee venom ther. of internal dis. (Rus) 28827
fluorine content, determ. (Fr) 3037
honeybee Apis mellifera infested by mite Acarapis woodi, epidemiol. & mortal. of infested bees 30381
host of Torulopsis apicola, new species 25133
nuclear & cytoplasmic changes in fat body cells of queen bee during metamorphosis 17278
royal jelly, antibiotic & hyperglycemic properties of fresh & old jelly (Fr) 38716
royal jelly-ginseng prep. in ther. of degen. dis. in aged (Ger) 19061
royal jelly, ther. value (Ger) 4043
royal jelly, use in ther. of various dis. (Ger) 42921
sting causing laryngeal edema (Rus) 45742
stings causing unusual & sometimes fatal sensitivity reactions (Fr) 53381
thoracic aorta structure (Ger) 55617
twisting of sheet of wax to make it parallel to honeycomb (Fr) 48796

***BEETLES see*** INSECTS

***BEETS see*** VEGETABLES

**BEHAVIOR**

*see also* LEARNING

acceptance of information into attitude structure 4368
achievement motivation & affiliation motivation (Fr) 25106
acting-out behavior disord. in child. as a syndrome 49200
alternating two-day cyclic behavior changes 4922
animal ethology, review 20921
avoidance & escape behavior in rats, eff. of chlorpromazine & secobarbital 13433
behavior rating scale for psychiatric patients derived by factor analysis 40705
behavioral changes in diag. of alcoholic intoxication, medicolegal aspects 4453
behavioral inadequacies in U.S. Naval recruits 42467
behaviorial reactions of monkeys during & after intense vibrations 23287
causation of animal behavior, review 46666
characteristics & disord. in child. epidemiol. study, methods & plans for field survey of Buffalo 802
choice-status factors in 8th grade adolescents 15995
communication between psychotherapist & teacher in treatment of severely disturbed child 51890
comparative neophobia of wild & laboratory rats 2131
comparative quality of group & individual performance, review 31550
comparative soc. behavior & intelligence patterns of Old World & New World monkeys 11528
compulsive circling in rabbits, rats in relation to brain acetylcholine levels 5477
conformity behavior, eff. of feed-back from experimenter 4379
congen. patterns due to endogenous processes in acute schizophrenia, differentiation from neurotic reactions (Ger) 30839
continuity of abnormal & normal behavior 31553
31554
deprivation & satiation of social reinforcers as drive cond. 4373
disord. caused by frontal lobe lesions, mechanisms 8142
disord., eff. of blood pressure & other physiol. & biochem. mechanisms in rats 8426
disord. in adolescents, Wechsler-Bellevue scale & medico-legal problems (It) 44350
disord. in child. & adults, eff. of methylphenidylacetate, comparison with reserpine 12590
disord. in child as early manifest. of ment. defic. 14305
disord. in child. caused by parents' unconscious fantasies & conflicts, counseling of parents & case reports 53614
disord. in child., constitutional factors (Ger) 15812
disord. in child, correlation with psychometric data, case report 3197
disord. in child., diag. studies, interpretation & summing up with parents 19069
disord. in child., eff. on EEG (Fr) 54099
disord. in child., GP & pub. health aspects 52661
disord. in child. in relation to intelligence 603
disord. in child., pediatrician's responsibilities 17190
disord. in child., ther., acetyl-p-aminobenzoate 28593
disord. in child., ther., approaches & problems 12632
disord., in child. under 5 years, diag. & psychother. (Du) 54809
disord. in child. with encephalitis & ment. defic. after smallpox vacc., aggravation after lobotomy (Sp) 8882
disord. in epileptic child. 3600
disord. in epileptics, ther. by chlorpromazine & reserpine with anticonvulsants (It) 54271
disord. in ment. defective child., ther., 2-trifluoromethyl-10-[3-(1-methyl-4-piperazinyl) propyl] phenothiazine 48492
disord. in retarded child., ther., reserpine, evaluation 23511
disord. in school child. (Ger) 49069
disord., neurophysiol. aspects 27021
disord., relation to EEG findings 21020
disord., somatic, neuropsychic, soc. & EEG manifest. (Sp) 44410
disord., sympt. & sympt. substitution, review 31559
dominance behavior, eff. of postweaning gentling in rat 37985
drive strength in relation to stress adaptation in rats 26085
eff. of duration of confinement on activity of rats in tilt cages 17086
eff. of early food deprivation on adult behavior in rat 4948
eff. of early gentling & shock on behavior of rat 2576
eff. of exper. lesions of cerebral cortex in rats 46687
eff. of frontal lobotomy on searching behavior of monkey 4926
eff. of long confinement on voluntary wheel-running by rats 50506
eff. of nutrition, review 7556
eff. of partial radioiodine destruction of thyroid in rat 46451
eff. of post partum separation of mother & kid on maternal care in domestic goat 32344
eff. of selective hippocampal damage on avoidance behavior in rat 37982
eff. of whole body vibration in man 16861
eff. of x-rays on activity & emotionality of pre- & neonatally irradiated rats 17080
eff. on develop. of resist. to exper. trichinosis in mice 31371
exploratory behavior in wild & tame rats, review 26079
exploratory behavior of black-footed ferret 37986
food-carrying behavior of rats 17085
force of habit in childhood 28979
fundamental dimensional properties of operants 20865
genetic factors, review 7949
group behavior, eff. on human & animal behavior (Fr) 5798
group behavior, soc. acceptance in community youth groups, factors relating to accuracy of judgment 2840
habituation & stability of following response 50483
hand clasping in different ethnics groups 49978
hered. patterns in animal behavior, review 44982
human flight behavior in groups, review 55880
incentive in emotional disturbed adolescents 40729
individual & group goal conflict, comparison 50109
individual behavior in group problem-solving (Fr) 25103
maternal aggressivity in lactating rats, eff. of adrenal cortex & sex hormones 35369
motivation, basic mechanisms of positive & negative types 24616
motor habit form., eff. on EEG (Rus) 23257
normalcy concept 48475
of young child. under cond. stimulating entrapment in refrigerators 20251
over-active child., ther., chlorpromazine & covatin (Ger) 34137
paper-eating in neurotic child, case report (Ger) 34138
parent attitude measurement, validity 26580
patterns of symptomatic behaviors, relation to soc. role 4075
performance attitude, eff. of success series (Ger) 46185
personal adjustment, relation to assumed similarity to parents & inferred parental evaluations of self 40759
reaction time of young adults to optical stimuli, eff. of ultraviolet irradiation (Ger) 40176
relation of psychol. structure to psychol. activity, review 31556
relation of soc. science 54400
reticular mechanisms in behavior, review 53641
review (Pol) 30906
risk-taking, eff. of performance delay on maximum risk-taking levels 17337
self-report behavior, relation to fantasy 15996
soc. interactions in child., problems of reliability in observing & coding 40743
sociometric choice patterns of women recruits in Marine Corps, analysis of individual & group characteristics 11543
spontaneous alternation behavior 31552
stimulation of reticular form. causing behavioral changes in monkey 39926
task performance in relation to variations in estimates of skill required & to element of chance 26082
tension habits in child., relation to restrictive factors in environment 55522
tolerance of sensory deprivation in relation to susceptibility to perceptual satiation 32351
unilateral neglect induced by surg. lesions of frontal lobe in monkey 25976

***effect of drugs on***

6-aminonicotinamide & indolacetic acid in rats & guinea pigs 5537
amphetamine & reserpine in monkeys 49451
d-amphetamine, methamphetamine & chlorpromazine in animals 49450
anticholinesterase drugs on rats after intracerebral inject. 21670
chlorpromazine, meprobamate & pentobarbital on performance of behavioral task under stress 50514
chlorpromazine, prochlorperazine & reserpine on emotional behavior in rats 42982
diethazine in patients at various stages of electroshock ther. 76
meprobamate, methyl-phenidylacetate & pipradrol 28201
relation of drugs to reaction components in subjective responses, review 8355
reserpine in Rhesus monkeys on avoidance of humans 17334
various centrally acting drugs on fighting behavior in mice 51072
various drugs on escape & avoidance behavior, review 8353

**BEHAVIOR MECHANISMS**

*see also* PERSONALITY

abstraction as regressive defense in highly gifted individuals 16760
aggression & adjustment, psychoanalytic interpretation (Ger) 53600
aggression, genetic derivations, role of sublimation & neutralization, psychoanalytic theory 4278
aggression in adult, eff. on management of aggressive child. 8573
aggressivity in 15-year-old boy after cranial inj., with epilepsy & hemiplegia, surg., left cerebral hemispherectomy (Sp) 49150
anti-Negro prejudice, correlation with personality & intelligence, eff. of cultural factors 17188
anti-Semitism, Freudian & other psychol. interpretations 53616
autism in child., diag. problems 37579
autistic child., Rorschach test of mothers 37580
autism in perception, eff. of conditioning of attention 4377
awareness in alcoholics, physiol. & psychol. factors 8505
bowel negativism in psychogenic megacolon 1418
comparison of adult's stock of fantasies with child's toy-box (Sp) 21239
compulsion, soc. & psychiatric aspects (Ger) 25373
defense reactions, phys. nucleus, psychoanalytic interpretation 4370
denial in phys. disabilities, mechanism 23420
dependency, exper. control by posthypnotic suggestion 40730



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

dependency-rebelliousness, validity of Edward Personal Preference Schedule in measurement 4906

dominance attitudes in parents & adult avoidance behavior in young child. 26578

eff. of epinephrine & histamine on aggression & regression in terms of appetite 17051

eff. of mild frustration on expression of prejudiced attitudes 50094

ego strengthening by release of frustration-aggression 24594

ethnocentrism in college students, relation to sorority & fraternity membership, sex & intelligence 5116

expression & reduction of hostility, review 20858

funct. of moral masochism as a defense process 50041

general formula for quantitative analysis of motivation 50102

hostility, expression & inhib. in imaginative & overt behavior 16498

identification, concept & status in learning theory 20867

identification processes, eff. of early mother-child interaction 44232

impostors, oedipal interpretation 8411

Kretschmer's short-circuit reaction (It) 32151

mother-son identification, relation to manifest anxiety 4907

motivation mechanisms in traditional psychol. & psychoanalysis (Fr) 1520

psychoanalytic technic & analyst's unconscious masochism 53636

psychomotor performance, eff. of low blood alcohol concentrations & psychol. adjustment 44286

quest for certainty 34898

readiness to express aggression, personality factors in 4901

regression during psychoanalysis, technical aspects 4603

reinterpretation of Barker, Dembo & Lewin frustration-regression study 26578

regression, relation of ambiguity of imagery to, psychoanalytic theory 11657

self control in emotional disturbed adolescents 40729

## BEHÇET SYNDROME

*case reports*

(It) 36219

*complications*

meningomyeloencephalitis, case report (Fr) 18563

*pathology*

(Cz) 14829

nodular lesions, histopathol., comparison with aphthosis en plaques & Weber-Christian panniculitis (Ger) 18089

relation to Eales dis. (Fr) 14495

*surgery*

enucleation of eye & histopathol. exam. 33029

*BELASCARIS see* TOXOCARA

## BELLADONNA ALKALOIDS

*see also* ATROPINE

*see also* SCOPOLAMINE

*see also* STRAMONIUM

Atropa belladonna, eff. of gibberellic acid on growth & alkaloid biogenesis 40385

extraction of belladonna leaf by ultrasonic energy 16729

homatropine hydrolysis, kinetics 40360

homatropine methylbromide, hydrolysis kinetics 50257

tropane as source of various drugs 12974

*determination*

comparison of hydrolytic & nonhydrolytic methods for determ. of total alkaloid content of plants 41326

hyoscyamine separation from scopolamine & atropine by countercurrent distribution (It) 27425

*effects*

inhalation of belladonna & hembane smoke, on excitability of cardiac pneumogastric nerve, in dogs (Fr) 26884

*therapeutic use*

aluminum hydroxide glycine-magnesium oxide-ballafoline prep. in gastric hyperacidity 531

belladonna-ergot-phenobarbital prep. in thrombosis prev. (Ger) 11222

belladonna-pizonal premedication with divinyl ether anesth. in adenotonsillectomy (It) 42750

ballafoline-dihydroxyaluminum glycinate-magnesium oxide prep. in peptic ulcer & other gastrointestinal disord. 24418

homatropine in glaucoma, comparison with N-ethyl-N-γ-picolyltropic acid amide (Ger) 7666

irritable colon synd., with phenobarbital (Sw) 52733

peptic ulcer, antacid-belladonna-phenobarbital-vitamin P prep. neutrone (It) 21457

N-phenacyl homatropine in anesth. for surg. of deafness 54437

N-phenacyl homatropine in controlled hypotension, comparison with trimethaphan 35941

vomiting in pregn., with buclizine & vitamin B6 10997

*BELL'S PALSY see* FACIAL PARALYSIS

*BENADRYL see* DIPHENHYDRAMINE

*BENEMID see* PROBENECID

*BENTONITE see* ALUMINUM SILICATE

## BENZACRIDINE

*related compounds*

2,10-dimethyl-7,8-benzacridine & 2,10-dimethyl-5,6-benzacridine excretion in mice, comparison (Fr) 48789

*BENZALKONIUM see* ANTISEPTICS, QUATERNARY AMMONIUM

*BENZANTHRACENES see* ANTHRACENE

*BENZEDRINE see* AMPHETAMINE

## BENZENE

*see also* BIPHENYL COMPOUNDS

*see also* NITROBENZENE

color reactions of benzene deriv. with nitrous sulfuric acid in presence of mercuric salts (Fr) 13098

*determination*

in atmosphere, relation of content to urinary phenol levels in workers (Cz) 30945

in ethyl alcohol, gasoline & petroleum ether as contaminant (Ger) 43582

*effects*

histochem. eff. on rat thyroid gland 19475

induction of blood disord., response to ACTH & cortisone in rats (It) 25648

on testis histol. in rat (It) 39357

*poisoning*

causing blood dis. & coagulation disord. (It) 21422

causing blood dis., review (It) 44345

causing bone marrow dis., diag., pyrifer test & sternal marrow puncture (Fr) 241

causing erythroblastic anemia, review (It) 3592

causing liver cirrhosis & osteosclerotic leukoerythroblastic anemia & develop. of miliary tuberc. (Ger) 27447

exper., eff. on anterior pituitary histol. in rat 40808

exper., eff. on endocrine glands in rabbits (It) 39363

exper., eff. on metab. turnover of labeled glycine in rats (It) 27461

exper. eff. on thymus in rats (It) 37389

exper., in vitro culture of bone marrow of poisoned guinea pigs & rats (It) 27457

expert testimony (Ger) 38912

periodic prev. hyg. exam. of benzene workers (Cz) 30944

*related compounds*

p-aminobenzenethiol deriv., prep. & testing for activity (It) 49415

benzenethiol & deriv., tox. to DDT-resist. Musca domestica & Periplaneta americana 49353

benzylidene-arylamines, reactions with mixtures of magnesium & magnesium iodide (Ger) 47677

dimethoxybenzene reaction with lead tetra-acetate (Ger) 1325

ω-halogenoalkylbenzenes & related benzyl alcohols, metab. in rabbits 37057

lethal eff. on early chick embryo 31357

1,2-methylenedioxy-4-propylbenzene, tox. comparison with safrole (Fr) 38710

*therapeutic use*

leukemia, lymphatic & myeloid (Fr) 32193

## BENZENE HEXACHLORIDE

water dispersible powders, particle size distribution in relation to dispersibility 4167

*effects*

control of Triatoma infestans & Panstrongylus megistus in prev. of So. Amer. trypanosomiasis in Brazil (Ger) 55577

exper. pois. on acoustic & visual sensitivity of poikilothermals (Ger) 46576

exper. pois. on threshold of visual excitability in frogs (Ger) 46577

on Anopheles aquasalis & Culex fatigans in Fr. Guiana, resist. & sensitivity of larvae (Fr) 36551

on Anopheles gambiae, simulated field deposits on susceptible, hybrid & resist. strains 19505

on Bombyx mori (Rus) 18904

on Culex pipiens fatigans in Fr. W. Africa, sensitivity tests (Fr) 14450

on Latrodectus tredecimguttatus (Rus) 16890

on mites, resist. & mortal. curves (Fr) 38765

on mites, synergism & antag. with 1,1-bis-(p-chlorphenyl) ethanol & DDT (Fr) 38765

species & acquired resist. in synantropic insects (Pol) 33816

*injurious effects*

bone marrow damage 37689

*poisoning*

causing fatal paramyeloblastic leukemia, case reports 11964

## BENZIDINE

*metabolism*

biotransformation of benzidine (4,4'-diaminobiphenyl) in dogs 23385

in various animals, study of urinary amine metabolites 46887

*poisoning*

in chem. workers (Ger) 23136

## BENZOATES

*see also* AMINOBENZOATES

complex esters, local-anesth., cholinolytic & anticholinesterase activies (Rus) 39331

1,4-dicaffeyl-quinic acid, use in intravenous cholangiocholecystography (Fr) 8554

diethylaminoethyl di- & trialkoxybenzoates, prep. & phys.-chem. properties (Ger) 13368

β-D-glucopyranosides of m-hydroxybenzoates, cleavage by β-D-glucosidase (Ger) 20322

*effects*

1,4-dicaffeyl-quinic acid, choleretic & diuretic action (It) 9286

diethylaminoethylbenzoate, depressor action in cats (Rus) 33185

herbicidal activity of plant growth substances of 2,3-, 2,6-dichloro & 2,3,6-trichloro deriv. of benzoic acid 19644

phthalic acid dimethyl ester, mosquito-repelling (Pol) 33815

phthalic anhydride dust on motor activity of esophageal mucosa in frog (Rus) 45735

*metabolism*

hydroxybenzoic acids, form. by fungus Phycomyces blakesleeanus (Ger) 25328

polyhydroxybenzoic acids, form. of m-hydroxy- & methoxy-deriv. 51083

*therapeutic use*

benzoic acid-salicylic acid-metal iodides ointment prep. in ringworm of scalp caused by Microsporum canis (Fr) 37896

diethyl dithioisophthalate in leprosy 51384

4-hydroxy-2-oxobenzoxathiole (Ger) 29492

*BENZOCAINE see* AMINOBENZOATES

*BENZOIC ACID see* BENZOATES

## BENZOIN

*therapeutic use*

deoxybenzoin in intestinal helminthiasis (Fr). 14436

## BENZOPYRENES

3,4,9,10-dibenzopyrene, biol. testing 41188

dibenzopyrene isolation from coal tar 19683

*determination*

3,4-benzopyrene in smoked & half-smoked sausage, fluorescent-spectral analysis (Rus) 33599

3,4-benzopyrene in smoked fish, fluorescent-spectral analysis (Rus) 33598

3,4-benzopyrene vapor in air samples, validity of testing method 25998

in shale prod. & in sewage from shale plants (Rus) 3822

in smoke gases, eff. of method of combustion & type of fuel (Rus) 49784

*effects*

1,2- & 3,4-benzopyrene on x-ray sensitization in rats (Ger) 8988

on disulfide bonds of mouse epidermis 17525

*BENZOQUINONIUM see* MUSCLE RELAXANTS

## BERIBERI

*see also* VITAMIN B, DEFICIENCY

review 15784

*complications*

congestive heart failure, case report (Sp) 53961

heart dis., diag. & case report 48488

hyperthyrodism in alcoholic with congestive heart failure manifest., case report (Fr) 51357

*etiology and pathogenesis*

alcoholism, case reports 41429

*statistics*

in mothers & child. in Burma (Dut) 36188

*BERTIELLA see* TAPEWORMS

## BERYLLIUM

properties & cause of berylliosis, review 9610

properties & various uses 46396

*effects*

inhib. of nucleic form. & growth of cartilage in calcification of rachitic rat slices 1381

*injurious effects*

control of beryllium machining operations 46421

control of operations in plant 46419

control problems in use of various beryllium cpds. 46422

granulomatosis of lungs causing interstitial fibrosis (Ger) 46206

hazard evaluation & control 46418

induction of pneumonitis 46414

med. controls in beryllium indust. 46415

med. control in indust. plants 46416

neighborhood contamination control near beryllium-using plants 46423

safety measures in beryllium-using processes 46420

*metabolism*

in livers, trace analysis 46417

*poisoning*

berylliosis, ACTH & cortisone ther., eff. on pulm. funct. 46404

berylliosis, acute, pathol. 46411

berylliosis, case data from registry 46398

berylliosis, chronic, ACTH ther. 46409

beryllosis, chronic, ACTH ther., eff. on resp. pathophysiol. 46403

beryllosis, chronic, case reports 46399

beryllosis, chronic, pathol. 46412

beryllosis, chronic, x-ray diag. 46402

beryllosis, diag. 46407

beryllosis, differ. diag. by patch-test 46405

46406

beryllosis, differ. diag. from sarcoidosis 46408

beryllosis, exposure data & epidemiol. of case registry 46397

beryllosis, exposure data in registry, relation to maximum allowable concentrations 46424

beryllosis, pathol. 46413

beryllosis, prev. & ther. 46400

beryllosis, ther., aurintricarboxylic acid 46410

causing chronic lung dis., unusual x-ray findings 46401

occup. 26050

***BESNIER-BOECK DISEASE see*** SARCOIDOSIS

**BETEL**

bact. flora in betel leaves 27986

***BETHANECHOL see*** PARASYMPATHOMIMETICS

**BEVERAGES**

***see also*** ALCOHOLIC BEVERAGES

***see also*** COFFEE

***see also*** MILK

***see also*** TEA

***see also*** WATER

carbonated, rapid method of determ. of carbon dioxide (Rus) 33636

vending machines for carbonated beverages, prev. of copper pois. 20888

**BEZOARS**

coconut fibers causing intestinal obstruct. 12835

trichobezoar (Sp) 29351

**BIBLE**

Job in the writings of Freud & Jung 26287

Noah's albinism 37709

passages mentioning Moses' ther. proposals for skin dis. 21805

**BIBLIOGRAPHY**

card-form publications in med. & related fields 48384

cataloging of med. library materials, review 48383

citations for scientific papers (Ger) 19022

marginal punch-card index for physicians & students (Fr) 15218

of Fr. med. literature (Fr) 55127

**BICARBONATES**

***effects***

on performance of isolated perfused guinea pig hearts 12556

sodium bicarbonate, antihistaminic eff. & chem. reaction in guinea pigs (Ger) 22950

***in blood***

determ. & significance (Ger) 6088

eff. of acetazolamide, relation to intraocular pressure 37603

***in urine***

eff. of epinephrine & arterenol, relation to renal circ. dynamics (It) 3853

eff. of glucagon & insulin (Ger) 39897

***metabolism***

aqueous humor in rabbits 47052

liver, bicarbonate requirements for enzymic synthesis of long-chain fatty acids in animal livers in vitro 37102

participation in ribonucleic acid & protein synthesis 50535

***poisoning***

sodium bicarbonate in inf. (Fr) 7509

***BICHROMATES see*** CHROMATES

***BICUSPID VALVE see*** MITRAL VALVE

**BILE**

amylases (Rus) 22647

bilirubin level in jaundice, comparison with blood level (It) 37382

calcareous, in patient with triple gallbladder (It) 20939

cholagogues causing increased liver necrosis in rats with ligated common bile duct 17904

choleretic action of $\alpha,\alpha$-dimethylphenylacetic acid (Fr) 42016

choleretic 2,6-divanillylidenecyclohexanone, ther. use in liver dis. (Sp) 38529

choleretic eff. of 1,4-dicaffeylquinic acid (It) 9286

13921

choleretic eff. of p-hydroxyphenylamides of various acids (It) 49407

choleretic eff. of N-(p-hydroxyphenyl)-salicylamide (Sp) 44508

choleretic eff. of 4, 2' 4'-trimethoxychalcone (Fr) 430

15967

32950

choleretic eff. of various synthetic cpds. in rats & dogs (Fr) 13442

choleretic eff. of various synthetic cpds., tox. & eff. on bile composition (Fr) 13443

choleretics, synthetic, evaluation (Por) 4364

choleretic 4,2',4'-trimethoxychalone ther. of liver dis. (Fr) 54907

composition of denaturated proteins (Ger) 41748

controlled derivation after choledochotomy (It) 29572

cytol. exam., diag. value (Ger) 38962

electrolyte concentration, postop. (Por) 44438

enzymes in common duct bile of dogs, comparison with blood levels 46918

glutathione, determ. in man & animals (Fr) 26907

hydrochloretic action of florantyrone (Sp) 20661

infected, eff. on prod. of exper. pancreatic necrosis (Pol) 20456

organic phosphorus cpds. in bile of dogs after oral admin. of radiophosphorus (Rus) 10931

polysaccharide-protein combinations (Ger) 55633

progesterone level in postmenopausal woman with biliary fistula 4845

protein content (Fr) 36629

secretion, bioenergetics (Rus) 13855

secretion by rat liver, eff. of acetazolamide (Fr) 54903

secretion, eff. of chlorpromazine (Rus) 39323

secretion, eff. of sodium fluoride in rats (Fr) 3088

secretion, eff. of warm mineral water in dogs (Ser) 32613

stasis, extrahepatic, causing histol. changes of liver (It) 32097

surface tension (Rus) 10935

thyroxin content, mechanism of excretion by liver 6266

triiodothyronine sulfate ester excretion after admin. of triiodothyronine to rats (Fr) 26738

***effects***

induction of exper. pancreatitis, comparison with use of bile salts & trypsin 54709

***microbiology***

M. tuberc. isolation (Ger) 10552

***physiology***

eff. of bile on calcium absorp. in rat 17823

eff. of bile on vitamin A absorp. in dogs with biliary fistula by cholecystonephrostomy 17822

**BILE ACIDS AND SALTS**

conjugated bile salts in primates 13744

relation to blood lipoprotein levels in exper. biliary obstruct. 12516

3α,6α,12α-trihydroxycholanic acid & related cpds., chem. 37055

3α,6-7-trihydroxycholanic acids, structure of isomeric forms 40486

***determination***

paper ionophoresis with moving acid boundary, technic 7179

***effects***

cholic acid on mobilization of liver cholesterol in mice 31401

dehydrocholic acid on blood bilirubin in acute hepatitis & liver cirrhosis (It) 52080

dehydrocholic acid, on liver glycogen (Rus) 49434

dietary bile acids on in vivo cholesterol metab. in rat 20788

inactivation of various antifugal & antibiotic agents 31360

induction of exper. pancreatitis, comparison with use of fresh bile & trypsin 54709

on cholesterol uptake of intestine in rat 35831

on dihydrocholesterol-induced cholelithiasis in rabbits 46501

serofloculant activity of ethyl choladienate in Penn test for cancer 2680

sodium cholate on various blood lipid fractions in cholelithiasis in dog (Sp) 8794

sodium dehydrocholate, on blood lipids & lipoproteins, in normal & arteriosclerotic subjects, admin., intravenous (It) 9304

sodium taurocholate on fat hydrolysis by pancreatic juice & extracts (Fr) 26306

***in blood***

trihydroxy-dihydroxy bile acid ratio in liver & biliary tract dis., determ. & significance 17058

***in urine***

taurine, eff. of isoniazid in rats (It) 37456

taurine, reduced elimination caused by prolonged admin. of isoniazid in rats (It) 37327

***metabolism***

acid metab. in normal rats, in fasted rats & in antibiotic-treated rats, comparison (Fr) 37844

cholic acid, identification of desoxycholic acid as intestinal degradation product of C24-radiocarbon labeled cholic acid in rats 25418

cholic acid, products of transform. by intestinal bact. in rats 1719

cholic acid transformation & enterohepatic circ. in rats 16908

conjugation of cholic acid in homogenates of liver specimens stored in deep-freeze unit 11870

conjugation of cholic acid in liver homogenates, eff. of surg. trauma 11869

conjugation of cholic acid in liver homogenates in various dis. including jaundice 11871

eff. of varying type & quantity of dietary fat on fecal bile acid excretion in humans subsisting on formula diets 47703

fecal excretion in rats & comparison with β-hydroxysterol excretion 1353

lithocholic acid occurrence of feces of healthy men 32352

liver, conjugation & form. of bile acids 23699

secretion by liver in relation to level of bile acids in portal blood in rats 311

sodium desoxycholate, form. of helical complex of macromolecular dimensions 7198

taurine synthesis from ethanolamine, in rats (It) 33813

taurocholic acid, reduced biliary excretion caused by prolonged admin. of isoniazid in rats (It) 37328

***therapeutic use***

cardiovasc. dis. in aged (Ger) 22881

dehydrocholic acid in fat embolism (Ger) 42909

indic. (Ger) 7106

magnesium-dehydrocholic acid-magnesium nicotinic acid in Sudeck's atrophy, eff. on blood circ. (Ger) 42911

sodium dehydrocholate, mechanism of action (Ger) 7094

veracolate in chronic constipation 29325

**BILE DUCT, COMMON**

***anatomy and histology***

exploratory intracholedochal catheterization, pseudo-positive Waltzel sign (Sp) 21217

Oddi's sphincter in dog (Fr) 33584

***cysts***

congen. cystic dilat., case reports & review (Fr) 31984

congen. cystic dilat., x-ray manifest. 32038

congen. cystic dilatation, surg., case reports (Fr) 18550

congen., in 13-year-old Negro boy, diag., oral cholecystography 34995

congen., review & analysis of cases 54749

congen., surg., cystojejunostomy with Y-loop (Fr) 6398

congen., x-ray diag. 24655

cystic dilat., case report (Fr) 36636

rupt. during pregn., case report 37651

with adenocarcinoma, case report 14655

with dilatation, surg. & case report (Fr) 18549

***diseases***

ascariasis, case report with 25 ascarides in common bile duct (Sp) 27527

ascariasis, postop., in surg. of extrahepatic ducts (It) 192

benign stenosis of Vater's ampulla (Ger) 45980

cholesterosis, case report 35069

congen. dilat. (Fr) 40547

dilatation, idiopathic, in child. 24869

distomiasis, precop. cholangiography (Fr) 53438

echinococcosis, univesicular primary, case report (Fr) 18632

fibrosis of Oddi's sphincter (Sp) 8235

hypertonia of Oddi's sphincter after postcholecystectomy, neuroendocrine causes (Sp) 15530

inflamm. of ampulla of Vater causing pseudocyst of pancreas with pancreatitis, clin. pathol. cond. 19879

obstruct. caused by echinococcosis of gallbladder, diag. & surg. (Fr) 24253

obstruct., cholecystoduodenostomy with gastrectomy in peptic ulcer, case report 23051

obstruct. due to echinococcal cyst, with piegmonous cholecystitis (Rus) 41554

obstruct., early surg. ther. (Rus) 18215

post-cholecystectomy sclerosis of Oddi's sphincter, causing biliary hypertension dyspepsia, epigastric pain & vomiting (Sp) 44514

primary icterogenic papillitis, surg., papillotomy, case reports (Fr) 36631

spasm of Oddi's sphincter in parathyroid insuff., disappearance with improvement of tetany (Fr) 37931

stenosing odditis caused by biliary rupt. of echinococcosis of liver (Fr) 24249

stenosis of Vater's ampulla & calculi, diag. by peroperative serial cholangiography (Ger) 46008

sudden block of Oddi's sphincter caused by fear & emotional shock, causing emotional jaundice (It) 20965

Vater's papillitis, cholecystography (Ger) 39418

***effect of drugs on***

avafortan, morphine & other analgesics, with antispasmodics, in ther. of acute pancreatitis 45059

piperidolate HCl on Oddi's sphincter funct. in guinea pig (Fr) 26853

***fistula***

choledochoduodenal 5353

choledochoduodenal caused by peptic ulcer, surg. (Sp) 25956

choledochoduodenal, etiol. & surg. indic. (Fr) 10631

choledochoduodenal fistula caused by duodenal ulcer 37645

choledochoduodenal fistula with migration of biliary calculi, x-ray duodenal manifest. (Fr) 36637

***neoplasms***

benign tumors (It) 51994

surg. (Fr) 51464

surg., radical (Rus) 33609

surg., radical, in cancer of Vater's ampulla, pancreas & extrahepatic bile ducts (Rus) 33610

symptomatol. & surg. (Fr) 54468

ulcerated carcinoma of ampulla & first portion of duodenum, clin. pathol. conf. 533

Vater's ampulla (It) 42640 51992

Vater's ampulla & head of pancreas, diag. & surg. (It) 32100

Vater's ampulla, benign (It) 42642

Vater's ampulla, benign, classif. & diag. (It) 32102

Vater's ampulla, benign, conservative surg. (Fr) 36630

Vater's ampulla, diag. value of ether-soluble reaction of blood bilirubin (Rus) 32561

Vater's ampulla, early diag., hypotonic duodenography (Fr) 51877

Vater's ampulla in neurofibromatosis (Ger) 3204

Vater's ampulla, review (Fr) 24224

Vater's ampulla, surg. (It) 42641 51993

Vater's ampulla, surg., duodenopancreatectomy, Child-Nuboer's technic (Fr) 10038

Vater's ampulla, surg., indic. & case reports 35066

Vater's ampulla, surg., pancreatico-gastrostomy by pancreatico-duodenal resection, technic & results 35067

Vater's ampulla surg., results (It) 32101

Vater's ampulla, transduodenal excis., remote results (Rus) 18263

***perforation***

free perf., case report 52610

spontaneous perf. in inf., surg. 34958

***physiology***

diameter after cholecystectomy 48317

eff. of exper. ligation on liver structure & funct. in rats 5645

eff. of interruption or section on serum & liver phosphatase & on glycogen in liver (It) 36965

eff. of stimulation on ECG, clin. & exper. findings (It) 39676

exam. through artif. fistula, technic of application (Rus) 1765

exper. ligation causing cholestasis & jaundice in dogs, eff. on serum mucoprotein alkaline phosphatase (Sp) 53913

exper. ligation inducing hemoglobinuria in rabbit (Fr) 26804

ligation causing exper. liver necrosis in rats, eff. of cholagogues on severity 17964

mechanical irritation, eff. on coronary vessels, arteriography (Ger) 19398

movements, studies with image intensifier 6145

Oddi's sphincter funct., eff. of various drugs & value of perop. determ. (Fr) 40956

patency of ampulla of Vater in gallbladder surg., determ. with modified gallstone sound 6064

***radiography***

x-ray anat. of lower choledochus & sphincter of Oddi region (Fr) 53438

***rupture***

causing postnatal death 644

***stenosis***

benign strictures, surg. 25682

etiol., prev. & surg. 5347

Oddi's sphincter, surg. sphincteroplasty (Fr) 40978

***surgery***

choledochoduodenostomy in prev. & ther. of postcholecystectomy synd. 40993

choledochoduodenostomy, postop. biliary tract radiography (Ger) 52191

choledochoduodenostomy with polyethylene tube prosth., indic. & method 50865

choledochojejunostomy in acute pancreatitis 1225

choledochostomy 32054

choledochostomy, indic. 32095

choledochotomy in acute cholecystitis, technic (Rus) 32546

choledochotomy, postop. controlled derivation of bile (It) 29572

choledochotomy, primary suture (Pol) 20460 20461

drainage for liver decompression in subacute & chronic infectious hepatitis 47237

new dilator for surg. exploration of duct 31468

papillo-sphincteroplasty, technic & late results (Fr) 42422

reconstruction, Longmire technic 36331

reconstruction technic (Fr) 40967

replacement by jejunal transpl. & temporary polyethylene prosth. in animals (Ger) 23180

sphincterotomy & plastic surg. of Vater's ampulla in chronic pancreatitis, indic., technic & results (Ger) 41893

sphincterotomy, indic. & hazards 32096

sphincterotomy, surg. risk, exper. 32053

sphincterotomy with pancreatic drainage, indic. & technics (Fr) 18548

technic for repair of surg. wds. (Sp) 37279

transduodenal Oddi's sphincterotomy, new type instrument (Fr) 42413

use of Cattell sound, indic. & technic (Sp) 43940

Vater's ampulla (Ger) 18314

Vater's ampulla, single-stage pancreato-duodenal resection (Rus) 18264

***wounds and injuries***

complete severance due to blunt trauma 47588

non-penetrating inj. causing complete severance, surg., end-to-end anastomosis, case report 25057

surg., methods 2936

surg. wound, surg., plastic surg. with drain (Fr) 42419

## BILE DUCTS

***see also*** **HEPATIC DUCT**

***abnormalities***

absence of intrahepatic bile ducts, case reports 13414

atresia of extrahepatic ducts, early surg. 36321

atresia, review (Pol) 43688

congen. dilat. of intrahepatic ducts with other abnorm. & liver cirrhosis, case reports (Fr) 31982

embryogenesis 10132

total agenesis of extrahepatic bile ducts causing jaundice in newborn, with anemia & rotation anomaly of duodenum & pancreas (Fr) 53020

***calculi see*** **CHOLELITHIASIS**

***diseases***

***see also*** **CHOLANGITIS**

clonorchiasis, case report 12298

dilat. of cystic duct following cholecystectomy (It) 6819

E. coli infect., dosulfin ther. (Ger) 29409

intrahepatic cholestasis, diag. & surg. 47236

obstruct. & dystonia, surg. & use of choledochoduodenogastric drainage (It) 48696

postop. biliary sympt. of cystic duct after cholecystectomy (Sp) 37383

surg., review (Rus) 22543

systemic manifest. of various clin. & exper. disord. (Sp) 44412

vitamin B12 metab. (Ger) 44924

***metabolism***

N-pyrrolidinomethyl-tetracycline concentration after intravenous & intramusc. inject. (Ger) 18960

***neoplasms***

clin. diag. (Ger) 45939

etiol. & pathogen., review (Fr) 24225

intrahepatic carcinoma 23486

post-cholecystectomy neuroma of residual cystic duct stump (Por) 53861

primary cancer in wall of congen. cystic dilation of cystic duct, case report (Ger) 11398

review (Fr) 24223

surg., radical, in cancer of extrahepatic bile ducts, Vater's ampulla & pancreas (Rus) 33610

ther., review (Sp) 53931

***pathology***

post-cholecystectomy changes (Cz) 14877

***perforation***

by echinococcosis of liver (Sp) 39100

in inf., spontaneous (Dan) 45496

***physiology***

cholangioles, role in liver regen. after exper. dietary inj. in mice 17888

eff. of bile duct ligation on blood & tissue copper levels in rats 31301

eff. of chronic inflamm. of splanchnic nerves (Fr) 35049

eff. of mechanical stimulation of stomach on bile ducts (Cz) 9491

eff. of subdiaphragmatic vagotomy on bile duct pressure in rabbits (Pol) 30383

exam. through artif. fistula in horses (Rus) 1766

***radiography see*** **CHOLANGIOGRAPHY**

***surgery***

anesth., segmental peridural (It) 42487

cholangiojejunostomy in hilar stenosis of liver for intrahepatic-bile duct by-pass (Fr) 11860

cholangiojejunostomy, intrahepatic 2865

duodenotomy, clin. statist. (Fr) 35050

extrahepatic, postop. ascariasis of hepatic & common bile ducts (It) 192

extrahepatic, reconstruction (Rus) 18244

indic. 50755

peritonization of bile ducts, technic (Sp) 8155

perop. radiomanometry (Fr) 41995

plastic surg. of extrahepatic ducts, indic. & technic (Ger) 33890

technical aspects & results (Sp) 8165

types (Sp) 43893 43908

***wounds and injuries***

accid. trauma during surg., causes & prev. 34957

caused by abdom. contusion (Fr) 31909

extrahepatic wds. caused by war weapons, surg. problems (Fr) 51370

in gastrectomy (Fr) 17000

## BILE PIGMENTS

***see also*** **BILIRUBIN**

***see also*** **UROBILIN**

concentration in cholecystic bile in premature inf. (It) 26621

***determination***

separation by rapid chromatographic method with round filter paper (Rus) 28795

separation of special pigment substance, electrophoresis & chromatography 32222

***metabolism***

4213

new results of research on, review (Ger) 48797

normal & paraol., diag. value & review (Sp) 13904

***BILHARZIA HEMATOBIA see*** **SCHISTOSOMA**

***BILHARZIASIS see*** **SCHISTOSOMIASIS**

## BILIARY TRACT

***see also*** **BILE DUCTS**

***see also*** **GALLBLADDER**

***see also*** **LIVER**

***abnormalities***

as cause of surg. inj. during cholecystectomy 23693

classif., diag. & surg. (It) 36820

congen., differ. diag. technics in child. 14555

***calculi see*** **CHOLELITHIASIS**

***cysts***

surg., resection of liver, indic. & technics (Fr) 24249

***diseases***

after Billroth II subtotal gastrectomy 46524

balneother. (Ger) 10385

blood hexose mucoproteins, correlation with liver funct. tests (Nor) 19948

bone involvement in hepatobiliary dis. in inf. & child. (Fr) 37928

cholecystoangiocholitis, chloramphenicol ther. (Rus) 32696

coexistence with peptic ulcer (Pol) 53181

compl., coronary dis., diag. (Fr) 7050

diag. & surg., review (Fr) 24264

diag., coprol., indic. & value (Sp) 49158

diag., prostcsil color excretion test (Ger) 39048

diag., volumetric cholecystography, comparison with minute-timed intubation (Rum) 6594

duodeno-biliary dyskinesia caused by reflux of duodenal & pancreatic fluids diag., radiomanometry (Fr) 36656

dyskinesia, diag. by preop. serial cholecystography 34966

dystonia (It) 20985

eff. of thioctic acid on biliary stasis in rabbit (It) 51968

endoscopy, diag. value (Ger) 15439

exper. obstruct., eff. on blood lipoprotein levels 12516

exper. obstruct. inducing hepatic damage, eff. on transaminase activity of blood & lymph in dogs 52370

funct. disord., hepatic insuff. & vesicular lithiasis, ther., pentaerythritol (Fr) 49749

obstruct. causing xanthomatosis, evolution after surg. of biliary tract (Fr) 36521

obstruct. in inf., diag., laparotomy (Sp) 53948

preop. diag. errors, statist. (Sp) 8906

psammomatous form, in choroid plexuses of patients with biliary dis. (It) 36712

Rhodotorula isolation from bile in various dis. (Ger) 34520

surg. of extrahepatic lesions (Dan) 10594

ther., N, N'-diisopropyl-2, 3-diphenyl-propylamine—D-glucitol prep. 12297

ther., fluranlyrone 35684

ther., glucitol (Ger) 10301

ther., 4, 3', 4'-trimethoxychalcone (Fr) 430

trihydroxy-dihydroxy bile acid ratio in blood, determ. & significance 17058

with jaundice, differ. diag. from chlorpromazine-caused jaundice 10996

x-ray diag. 32508

x-ray differ. diag. (Ger) 52238

***effect of drugs on***

chlorpromazine excreted by liver 36561

1, 4-dicaffeyl-quinic acid (It) 29599

***fistula***

biliogastrointestinal, spontaneous (Sp) 44455

causing liver funct. disord. (Rus) 41680

internal (Fr) 39433

retroperitoneal in hepatic duct rupt. caused by opisthorchosis (Rus) 18879

spontaneous internal 42042 42051

surg. of persistent external fistulae (Rus) 18233

urinary & bile progesterone in postmenopausal female with biliary fistula 4845

***metabolism***

thorotrast, electron-microscopic determ. in mice (Fr) 48898

*neoplasms*

cancer of extrahepatic biliary system, classif. & surg. 47238

diag., combined cytodiag. & secretory methods 4146

diag., transparietal splenoportography in hepatobiliary tumors (Fr) 54608

hepatobiliary cancers, compl., pancreatic & liver dia. (Fr) 24226

surg., methods & results (Sp) 948

ther. (Dut) 1626

with involvement of liver, gallbladder, lymph nodes & pancreas, clin. pathol. conf. 30137

*pathology*

exper. lesions produced by dibutyltin dichloride 5639

*physiology*

eff. of interruption of tract at various levels on serum transaminases, in rabbits (It) 39685

*radiography*

*see also* CHOLANGIOGRAPHY

contrast media selection & anat. & physiol. bases 31253

*rupture*

subcutaneous traum. rupt., review 25679

*surgery*

biliopancreatic surg., severe postop. hemorrh. synd. (Fr) 18526

creation of permanent biliary fistula without intervention upon the bile ducts in dog, technic (Fr) 26953

current problems 35869

drainage & tamponade (Hun) 18588

drainage, indic. 9479

methods of internal drainage (Hun) 51434

perop. cholangiography, technic & diag. value 18059

perop. endoscopy (Ger) 29088

plastic, use of gallbladder as graft material (Fr) 38668

preop. & perop. cholangiography (Fr) 37832

progr. 42822

reconstructive surg. (Ger) 14948

repeat surg. on biliary tract, indic. (It) 29565

sphincterotomy & duodenotomy in biliary dis., indic. (Ger) 39835

unusual compl., case reports 12827

unusual problems (Fr) 51448

with per-operative cholangiography, value & case reports (It) 47813

*wounds and injuries*

diag. & surg. 32731

non-penetrating inj., differ. diag. & surg. 35887

*BILINEURINE see* CHOLINE

BILIRUBIN

free & bound bilirubin, properties & clin. value, review (Cz) 38121

physiochem. & determ. (Dan) 10600

*determination*

benzene-extractable bilirubin, modified Rivoire method (Fr) 21276

direct & indirect determ. (Fr) 21259

in bile & in blood in jaundice patients, comparison (It) 37362

sulfate conjugate, identification in bile 13778

*effects*

on liver homogenate endogenous resp. (It) 37163

*in blood*

azobilirubin & yellow non-bilirubin pigment correlation with serum color in normal sera, icteric sera & bilirubin dissolved in normal sera 32237

binding by serum albumin, eff. of diazotization on bond 32221

constitutional non-hemolytic hyperbilirubinemia in congen. jaundice simulating kernicterus in adult 34891

determ. & correlation with yellow color of jaundice serum 44908

determ. as alkaline azobilirubin, method 32336

determ. by diazo reaction, eff. of temperature on kinetics (It) 1917

determ. by direct reaction after alcohol precipitation (It) 1917A

determ., nature of direct & indirect bilirubins, review (Fr) 31906

determ. of icterus index with spectrophotometer, with correction for turbidity & hemoglobin 32236A

determ., technic (Ger) 18943

diazo reaction rate, clin. aspects (Dut) 7325

diazo reaction rate, value in diag. of cholelithiasis (Dut) 7328

eff. of dehydrocholic acid in acute hepatitis & liver cirrhosis (It) 52080

ether-soluble reaction in cancer of head of pancreas & Vater's ampulla, diag. value (Rus) 32561

excess after hepatitis, determ. of enzyme activity in liver (Ger) 6068

excess in congen. non-hemolytic jaundice 17466

excess in inf., ther., exchange transfusions 16679

excess in neonatal jaundice, ther. exchange transfusion 55281

excess, in newborn 41801

excess in newborn (Fr) 42733

excess in newborn, ther., exchange blood transfusion, results (Ger) 51195

excess in newborn, ther., exchange transfusion 41788

excess, in premature inf. 17542

excess in premature inf., ther., exchange transfusion 41789

53507

excess in premature white & Negro inf., review 43496

excess, ther., glucuronic acid 33084

icterus index in postcholecystectomy synd., diag. value 11881

in hemolytic jaundice, acquired & congen., significance of direct reaction fraction 46950

in jaundice, ether-soluble reaction, diag. value (Rus) 32560

in newborn inf. with & without jaundice, relation to liver funct. 17912

increased level after nicotine acid admin. in normal & in anemic patients 11972

normal values in E. Indian subjects 40932

of umbilical cord in blood group incompatibility (Ger) 33956

*in cerebrospinal fluid*

relation to blood bilirubin levels in newborn inf. 4872

*in urine*

determ., old & new tests 35673

*metabolism*

49713

abnorm. of metab. cycle in jaundiced patients with colonic dis. 39136

catabolism of bilirubin & hemoglobin, hematol. significance 30191

causing enzyme inactivation, relation to urobilinogen genesis (Ger) 6708

conjugation in rat liver homogenates, determinants 52391

conjugation in vitro, inhib. by menadiol & certain antibiotics 31337

in jaundice in newborn 55278

in jaundice, review (Fr) 31907

liver, enzymic conjugation with glucuronic acid in animal & human livers 37077

preferential reduction of conjugated bilirubin to urobilinogen by normal fecal flora 20726

BIOCHEMISTRY

contribution of Karl Lohmann (Ger) 23615

contribution of Henry Albright Mattill 17819

contribution of John Henry Ryffel, bibliog. 16057

histochem., scope & limitations 46938

in Russia, review 1270

isotopes in (Fr) 25404

isotopes in, bibliog. 55890

Mannich reaction, importance in biosynthetic processes (Ger) 36959

microbiol. assay in quantitative histochem. & cytochem. 44107

progr. 1249

relation to med. genetics 44967

role in develop. of human phenogenetics (Fr) 16360

symmetry, asymmetry & mesoasymmetry 46945

*apparatus and instruments*

appar. for vacuum distillation & freeze-drying 25784

*education*

in National University of Buenos Aires, hist. & methods (Sp) 9718

BIOGRAPHIES

*see also* FAMOUS PEOPLE

Abel, John J. 2341

Abraham, Ernest G. 17517

Agricola, Georgius (Dan) 1633

Al'brekht, German A. (Rus) 52870

Aleksandrov, Il'ia N. (Rus) 10784

Alessandri, Hernán (Sp) 21183

Allioni, Carlo (It) 8581

Amantea, Giuseppe (It) 1530

Amatus Lusitanus 28395

Anderson, Rudolph J. 40471

Anokhin, Petr K. (Rus) 34764

Arbuthnot, John 8289

Arenaza, Carlos (Sp) 15504

Arinkin, Mikhail N. (Rus) 22162

Arutamian, M. O. (Rus) 9910

Aschoff, Ludwig 21738

Ascoli, Alberto (Fr) 36187

Assis, Arlindo de (Por) 16141

Babinski, Josef F. (Cz) 2790

Babinski, Josef F. (Fr) 31057 44723 44724 44725 44726

Babinski, Josef F. (Pol) 30078

Babinski, Josef F. (Rus) 28835

Babinski, Josef F. (Sp) 44399

Baglioni, Silvestro (It) 8582

Balado, Manuel (Sp) 9695

Ballagi, Stephen 19458

Banshchikov, Vasilii M. (Rus) 34785

Banti, Guido 9590 9591

Bard, Samuel, bibliog. 17683

Bardakh, Iakiv Iu. (Uk) 29558

Barsuk, Aleksandr L. (Rus) 55886

Beach, Wooster 10701

Beale, Lionel S. 29285

Beatty, John 17728

Beccari, Nello (It) 9941

Becher, Bernard, bibliog. 47034

Beecher, Henry K. 47319

Bělhounek, František, bibliog. (Cz) 48663

Benkő, Sámuel (Hun) 52905

Bental, David (Heb) 37775

Bergmann, Ernst von (Ger) 29021

Bertram, Ferdinand (Ger) 51810

Berzelius, Jöns J. (Sw) 43201

Bieling, Richard (Ger) 22762

Bieling, Richard, bibliog. (Ger) 46235

Bierring, Walter L. 15782

Billroth, Theodor 10146

Bishop, George H., bibliog. 39188

Bizzozero, Giulio 9592

Blackwell, Elizabeth 14312

Bláha, Roman (Cz) 14880

Blain, Daniel 12606

Blanchfield, Florence A. 52812

Blizard, William 29289

Blokhin, Vladimir N. (Rus) 43399

Blumenthal, Franz (Ger) 3227

Blumenthal, Georg, bibliog. (Ger) 23161

Boas, Ismar 27533

Bochalli, Richard (Ger) 34359

Bodendorf, Kurt (Ger) 47681

Boerhaave, Hermann (Dut) 52493

Bohdě, Jan (Cz) 2750

Bókay, János (Hun) 49809

Bommer, Sigwald (Ger) 3214

Bond, Thomas 5360

Bordeu, Théophile de (Fr) 5314

Borodin, Aleksandr P. (Rus) 51339

Botey Ducoing, Ricardo (Sp) 23912

Bouchard, Charles (Fr) 20669

Bovet, Daniel (Ger) 19392

Bowdler, Thomas 7420

Boyle, Robert 37803

Bright, Richard 35709 39714 39715

Bright, Richard (Ger) 55400

Bright, Richard, biobibliog. 39732

Brödel, Max 29242

Bronkhorst, Willem (Dut) 7309

Brown, Buckminster 48755

Brugsch, Theodor (Ger) 38891 46110

Bujwid, Feliks (Rus) 9879

Bukhanov, Iakov G. (Rus) 12140

Burckhardt, Gottlieb (Fr) 44718

Burroughs, Silas 51608

Cabanis, Pierre J. G. (Rus) 33486

Calmette, Albert L. (Rus) 51230

Cameron, Hector C. 16056

Caparini, Ugo 9593

Carl Theodore, duke of Bavaria 48206

Carossa, Hans 30105

Carrión, Daniel A. (Sp) 8710

Carvalho, António da Costa (Por) 12913

Cavalier, Calixte (Fr) 19365

Celli, Angelo 54420

Chakir Chakar, Akif (Ger) 34270

Chalisov, Mikhail A. (Rus) 46307

Chalmers, Lionel 2340

Charonnat, Raymond, bibliog. (Fr) 13100

Charukovskii A. A. (Rus) 34678

Chassovnikov, S.G. 3363

Cherepakhin, Gavriil K. (Rus) 12141

Chessher, Robert 29291

Clarke, Hans T. 1249

Colter (Dut) 43072

Colden, Cadwallader, biobibliog. 3338

Collier, James 48597

Compere, Edward L. 17498

Connor, Bernard 36915

Cooke, Robert A. 4542

Corvisart, Jean N. (Fr) 37772

Couvelaire, Roger (Sp) 49164

Craig, Winchell M. 50744

Crespo Santillana, Angel (Sp) 303

Crosby, Elizabeth C. 55142

Curie, Marie 31644

Darkshevich, Liverii O. (Rus) 31909 34782

Darwin, Charles 6556

Darwin, Charles (Dan) 43205

De Cárdenas y Pastor, Jaime (Sp) 302

De Haen, Anton (Ger) 11047

Delamater, John 50812

De la Mettrie, Julien Offrey (Dut) 19719

De la Peña, Leonardo D. (Sp) 13542

Detwiler, Samuel R. 12930

Devoto, Luigi 9584

De Vries, Ernst (Eng; Dut) 49617

De Vries, Ernst, bibliog. 49635

Dieppen, Paul (Ger) 42292 49145 51385



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

Dagliotti, A. Mario 17497
Dryoff, Rudolf (Ger) 10011
Duncan, Charles 47095
Ehrlich, Paul (Fr) 36302
Elias, Hans (Rus) 13579
Eliot, Martha M. 24647
Ende, Marinus van den, bibliog. 5703
Engel, Stefan (Ger) 18283
22335
Escherich, Theodor (Ger) 30040
Faizullin, Midkhat K. (Rus) 10838
Felix, Kurt (Ger) 49899
Ferrais, Adolfo 9594
Firket, Jean (Fr) 48365
Fischer, Hermann O. 47693
Francis, James W. 14401
Freud, Sigmund 3529 28544 40154 47198 50284
Frey, Emil K. (Ger) 7077
Frick, George 23424
Fridland, Mikhail O. (Rus) 43398
Frumkin, Anatoly P. (Rus) 18241
Gaddum, John H. 33131
Gallavardin, Louis, bibliog. (Fr) 5339
Galli, Eugenio A. (Sp) 8972
Gamna, Carlo 9595
Ganmukhin, P. B. (Rus) 46326
Gautreau Delgado, Alberto (Sp) 21230
Gertsen, P. A. (Rus) 9909
Ghedini, Giovanni 9596
Glaja, Jean, biobliog. (Fr) 48909
Gibson, William 6447
Gil Verast, Salvador (Sp) 8871
Gin, Heinrich A., biobibliog. (Ger) 34506
Gjessing, R. 17748
Glück, Leopold, biobibliog. (Ger) 51686
Gol'ber, Leonid M. (Rus) 7795
Goldscheider, Alfred (Ger) 19049
29411
Golgi, Camillo 9597
Golubtsin, Leonid E. (Rus) 32900
Gómez, Federico (Sp) 29381
Gonnaga, Leonel (Por) 40226
Gracia García, Guadalupe (Sp) 8950
Graham, Evarts A. 5886
Grant, Francis C., biobibliog. 26641
Gravitz, Paul 14737
Greer, Mark 40062
Grenfell, Wilfred T. 22743
Gunzon, Potenciano C., biobibliog. 7985
Gurevich, Vladimir S. (Rus) 33571
Gusdobin, N. P. (Rus) 41668
Guseinov, Dzhalil Iu. (Rus) 25738
Hagen, Wilhelm (Ger) 43314
Hahnemann, Samuel C. 30115
Haller, Albrecht von (Ger) 39025
55366
Hamilton, Alice 46877
Hansen, Karl (Ger) 12187
Harvey, Samuel C. 3167
Harvey, William 499
14287
18436
Heiaroth, Johann C. 8389
Heinsius, Fritz, biobibliog. (Ger) 11426
Heister, Lorenz (Ger) 19435
Heimeberg, Richard (Ger) 39024
Hernández Rodríguez, Juan B. (Sp) 31663
Hess, Kurt (Ger) 42452
Hetényi, Géza (Ger) 11187
Hevesy, George 7946
Hilliard, Marion 50240
Hlaváček, Vladimír, bibliog. (Cz) 14768
14838
Hoff, Hans (Ger) 33833
Holmes, Oliver W. 10482
Holtz, Friedrich (Ger) 36945
Hromashevs'kyi, Lev V. (Uk) 29546
Huebeckmann, Paul (Ger) 39003
Hyde, James N. 49985
Iaroslavskii, Evsei I. (Rus) 45752
Iazikov, Dmitrii K. (Bul) 41592
Janota, Otakar (Cz) 2752
Jendrássik, Ernő (Hun) 16272
52907
Jenner, Edward 13485
Jongh, C. L. de (Dut) 52471
Jovanović-Morski, Milan (Ser) 21949
Jürgens, Rudolf (Ger) 10350
Kad'ian, Aleksandr A. (Rus) 41521
Kämmerer, Hugo (Ger) 12059 24399 39799 42375
Kapuściński, Stanisław (Pol) 53187
Kassirskii, Iosif A. (Rus) 6023
32877
Kedrova, Neonila I. (Rus) 12175
Kemar-xy, Ernest 48561
Kennaway, Ernest (Ger) 30282
Khlopin, G. V. (Rus) 3814
Khotovitskii, Stepan F. (Rus) 39580
Khovanskii, Dmitrii V. (Rus) 25768
Klaproth, M. H. (Ger) 10149
Kleesattel, Hans (Ger) 34360
Kleta, E. (Ger) 27876
Kler, Vladimir O., bibliog. (Rus) 47894
Kohlrausch, Wolfgang (Ger) 52243
Kolomiichenko, Aleksei I. (Rus) 10783
Kolosov, Mikhail A. (Rus) 12145
Kowalczyk, Jan, biblog. (Pol) 20406
Koshevnikov, Petr V. (Rus) 22517
Krasnogorsk, Nikolai I. (Rus) 43553
Kraus, Friedrich (Ger) 6665
Kraus, Friedrich (Rus) 32868
Kretschmer, Ernst (Ger) 15443 29424 29467 33820 43116 44198
Kreuz, Lothar (Ger) 34271
Kris, Ernst, bibliog. 44252
Krikov, Adrian A. (Rus) 55191
Kupalov, Petr S. (Rus) 49530
Kurdinovskii, Evgenii M. (Rus) 12144
Kurkin, P. I. (Rus) 21921
Kyhos, Emma D. 4544
Laennec, René T. 48197
Lagutiaeva, Anna I. (Rus) 12176
Lang, G. F. (Rus) 18285
Langerhans, Paul 28433
Larmola, Erkki (Fin) 10068
Lattes, Leone 9598
Lavoisier, Antoine 14337
Lázaro Ibiza, Blas (Sp) 12919
León Blanco, Pedro, biobibliogr. (Sp) 13534
Leriche, René (Fr) 53561
Levene, Phoebus A. 46783
Levick, George M. 4806
Li, Shih-Cheng (Rus) 49440
Liebreich, Oscar (Ger) 19033
Lima, Henrique R.da (Por) 25666
Lima, Henrique R. da (Sp) 25667
Linderman, Henry R. 43147
Lipschütz, Benjamin von (Ger) 55386
Lisnternik, Roman E. (Rus) 46308
Lloyd, James 22910
Loeb, Leo 30484
Löffler, W. 10510
Lohmann, Karl (Ger) 23615
Long, Crawford M. 54527
Lumley, John 29290
Lustig, Alessandro (It) 13952
L'vov, A. N. (Rus) 18276
Lyons, Leo M. 49935
McGuire, Hunter H. 50638
Machaddie, John F. 46848
McQuarrie, Irvine 11820
Magoun, Horace W. 55075
Majocchi, Domenico 9599
Maklatsov, Ivan I. (Rus) 10732
Malgaigne, Joseph F. 22041
Malpighi, Marcello (It) 14526
Manenkov, P. V. (Rus) 12177
Man'kovskii, Boris N. (Rus) 55865
Mandinger, Vilmos (Hun) 6332
Marat 29287
Marchiafava, Ettore 9600
Marchionini, Alfred (Ger) 51870
Marinescu, Gheorghe (Rus) 46353
Marschik, Hermann (Ger) 55393
Martini, Paul (Ger) 49096
Mastitilstov, Lev N. (Rus) 22518
Matas, Rudolph 18127
Matas, Rudolph (Fr) 26186
Mattill, Henry A. 17819
Mayo, Charles 48381
Mayo, William 48381
Maxique, Edward C. 28543
Mazurkiewicz, Jan (Pol) 30074
Meiklejohn, Andrew 40113
Mieiunowski, Władysław H. (Pol) 38836
Ménière, Prosper (Sp) 23919
Merck, George 18805
Merrell, William S. 42164
Mertura, Frank H. 14641
Meyer, Karl A. 50639
Meyerding, Henry W. 17498
Michell, Ferdinando 9601
Miles, W. Ernest 41237
Minkowski, Oskar 52612
Minkowski, Oskar (Ger) 49091
Miraglia, Biagio 28396
Moïse ben Maïmon (Fr) 21594
Mollari, Mario 26286
Molleson, Ivan I. (Rus) 21932
Monaldi, Vincenzo 3918
Monaldi, Vincenzo (It) 18529
Moreschi, Carlo 9602
Morquio, L. (Sp) 47834
Morussi, Giuseppe 55075
Mosse, Bartholomew 28453
Mouret, Jules (Fr) 44655
Müller, Friedrich von (Ger) 18976
18977
Müller, Johannes (Ger) 362
Mukhin, E. O. (Rus) 32585
Munthe, Axel 30146
Murray, William 38151
Nadel, Bernhard (Ger) 46139
Naihubin, Aleksandr P. (Rus) 49441
Neuhoff, Ernst (Ger) 36962
Neumann, Hugo (Ger) 29458
Neumann, Wilhelm (Ger) 22786
Neuweiler, Walter (Ger) 54339
Nikiforov, Mikhael N. (Rus) 36988
Nikol'skii, Petr V. (Rus) 33485
55206
Nodov, Abram I. (Rus) 25769
Noorden, Carl von 2629
37539
Noorden, Carol von (Ger) 15416 18934 18978 19432 32822 32851 32852 32861 33908 39046 39059 42377
Ochsner, Albert (Rus) 41584
Olivier, G. (Ger) 43315
Ollier, Léopold (Fr) 20800
Ombrédanne, Louis (Ger) 34253
O'Meara, Dermot 28451
O'Meara, Edmund 28451
Ontaneda, Luis E. (Sp) 8972
Opie, Eugene L. 27256
Opitz, Hans (Ger) 41599
Oppel, Vladimir A. (Rus) 45654 45656 45658 45659
Oppenheim, Hermann (Ger) 32278
Osler, William 29147
Ostroumov, Aleksei A. (Rus) 10227
10228
18284
Ott, Dmitrii O. (Rus) 46831
Ovio, Giuseppe (It) 31668
Ovsiannikov, F. V. (Rus) 33493
Paolucci, Raffaele 17516
Paolucci, Raffaele (It) 42639
Paris, Vasilii N. (Rus) 41562
Parkinson, James 5583
19835
Parkman, George 33048
Parnas, Jakub K., bibliog. (Pol) 30884
Passow, Arnold (Ger) 42913
Paterson, Guillermo C. (Sp) 9734
Patten, Bradley M. 55143
Pavlov, Mikhail M. (Rus) 20204
Peabody, J.W., Jr. 37811
Pearl, Raymond 39568
Perkins, James M. 3671
Perrault, Claude (Fr) 31079
Peters, George A. 37990
Petrák, Václav (Cz) 38350
Petrov, Ioakim R. (Rus) 52988
Petrova, Martia K. (Rus) 52972
Pfeiffer, Richard (Ger) 34455
34456
Philipp, Ernst (Ger) 29487
Pirogov, Nikolai I. (Fr) 3144
Pirogov, Nikolai I. (Rus) 51190
Pirogov, Nikolai I., bibliog. (Rus) 43397
Pitruski, Władysław (Rus) 45257
Plaňovicová-Čížková, Jiřina, bibliog. (Cz) 38342
Platonov, Konstantin I. (Rus) 55864
Podvysotskii, Vladimir V. (Rus) 25739
Pokorný, Jaroslav (Cz) 9441
Polášek, Emil, bibliog. (Cz) 38326
Popilka, Josef (Cz) 9439
Poursines, Yves (Fr) 29191 29192 29193 29194 29195
Pugh, Evan 1607
Pujman, Jaroslav (Cz) 9438
Radojević, Ljubomir (Ser) 21988
Razenkov, I. P. (Rus) 49558
Razumovskii, Vasilii I. (Rus) 41701
Redi, Francesco (It) 30676
Reese, Algernon B., biobibliog. 24555
Reichenow, Eduard (Ger) 34321
Reisner, Alfred (Ger) 15861
Ribeiro Sanches, Antonio N. (Fr) 21592
Rich, Arnold R. 33044
33045
Rickmann, Ludger (Ger) 34347
Rieder, Wilhelm (Ger) 11415
Rietti, Fernando 9603
Rigler, Leo G 41052
Roberts, Mary M. 52810
Robinson, Victor 50048
Rodewaldt, Ernst (Ger) 7108
34322
Rodewaldt, Ernst, bibliog. (Ger) 46224
Röttjer, Ernesto A., bibliog. (Sp) 8971
Rogers, William 50388
Rokitansky, Karl (Ger) 38941
Romeis, Benno (Ger) 19449
Rothlin, Ernst (Ger) 54353
Rovsing, Thorkild (Den) 37048
Rozental', Anna S. (Rus) 7899
Rubia, Isidor C. 5406
Rudbeck, Claus (Nor) 45424


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

Rümke, Henricus C. (Dut) 15803
Rümke, Henricus C. (Rus) 15807
Rümke, Henricus C., biblicg (Dut) 15834
Ryffel, John H., bibliog. 16057
Sabbatani, Luigi 9604
Sachs, Ernst 17519
Sánchez Neira, Ignacio (Sp) 53970
Savel'ev, Aleksandr V. (Rus) 55240
Scheele, K. W. (Ger) 10149
Schilling, Viktor (Ger) 15378 15773
Schlander, Emil (Ger) 22774 22863
Schönhauser, Leopold (Ger) 41709 45940 45975
Schönfeld, Walther (Ger) 3200
Schoepf-Merei, Ágost (Hun) 7693
Schüller, Arthur (Ger) 15875
Schuler, Fridolin (Ger) 43843
Schulz, Bruno, bibliog. (Ger) 46711
Schwann, Theodor (Fr) 21319 21323
Seel, Hans (Ger) 16109 18999
Selitskii, Sergei A. (Rus) 46832
Semashko, N. A. (Rus) 3799 21929
Semmelweis, Ignác F. 10282
Sergievskii, Mikhail V. (Rus) 49559
Shamburov, Dmitrii A. (Rus) 34744
Shuravlev, Petr M. (Rus) 45865
Sigerist, Henry E. 48367 48368
Šilink, Karl, biobibliog. (Cs) 26540
Šimek, Jiří (Cs) 2791
Singian, Gregorio, biobibliog. 8004
Smellie, William 35744
Smith, Nathan 41168
Snapper, I. (Dut) 52537
Snow, John 22290 31265 31266
Sokolova-Ponomareva, O. D. (Rus) 7898
Sorgo, Josef (Ger) 22787
Souchon, Edmond II 52648
Speranskii, Aleksei D. (Rus) 7797
Spitz, Sophie 35662
Spizharny, I. K. (Rus) 18205
Squibb, Edward R. 48973 1630 1631 1632
Steffal, Václav (Cs) 26558
Steiner, P. (Cs) 9440
Stertz, Georg (Ger) 51828
Steurer, Otto (Ger) 42265
Stewart, Matthew J., bibliog. 5702
Strassmann, Fritz (Ger) 3264 6705
Strean, George J 17499
Stroganov, Vasilii V. (Rus) 13143
Sturgis, Cyrus C. 55144
Sydenham, Thomas 2337 38150
Tagliacozzi, Gaspare 10481
Tartakovskii, G. Ia. (Rus) 34827
Thies, Oskar (Ger) 51278
Timofeev, Nikolai N. (Rus) 34828
Tobler, Walter (Ger) 54347
Tönnis, Wilhelm (Ger) 34602
Topuzlu, Cemil (Tur) 45480
Touraine, Albert (Ger) 39811
Tscherning, E. A. (Dan) 37047
Tsimmerman, Sergei E., bibliog. (Rus) 47893
Tuohy, Edward L. 17622
Turner, Genrikh I. (Rus) 41702 43400 43401 43402 45706
Valenta, Jovan (Ser) 9969
Valverde, Juan (Sp) 38530
Vara, Paavo (Ger) 36016
Varolius (It) 42880
Vaux, Norris W. 7639
Vestial, K. (Rus) 46552
Villar, Carlos L. (Sp) 8973
Villar y Cisneros, Francisco (Sp) 8917
Virchow, Rudolf 18381 28292 28952
Virchow, Rudolf (Dut) 43073
Virchow, Rudolf (Ger) 4054 24915 38941
Vol'fkovich, Miron I. (Rus) 55239
Volkovich, Nikolai M. (Rus) 55231
Vychytil, O., bibliog. (Cs) 38341
Walker, Mary E. 7644 20101
Wallace, Alfred R. 6211 54431
Wanstrom, Ruth C. 55145
Warren, Shields 11743
Waterhouse, Benjamin, bibliog. 17705
Webster, Noah 16671
Wellcome, Henry S. 51608
Wier, Johannes (Dut) 43072
Wiggers, Carl J. 2913 2914
Wilhelm, Rudolf (Ger) 34389
Wolf, Julius (Ger) 36946
Wolff, Jacob 48532
Zablotskii-Desiatovskii, Pavl P. (Rus) 10706
Zaiko, Nikolai N. (Rus) 52989
Zetkin, Maxim (Ger) 15353
Zhdanov, Dimitrii A. (Rus) 47874
Zhorov, I. S. (Rus) 18275
Zlatarov, Asen (Rus) 45161
Zmeev, Lev F. (Rus) 45197
Znamenskii, Vladimir F. (Rus) 7900

## BIOLOGICAL PRODUCTS

*see also* ANTIGENS
*see also* BACTERIOPHAGE
*see also* IMMUNE SERUMS
*see also* PYROGENS
*see also* TUBERCULIN
*see also* VACCINES AND VACCINATION

bovine embryo skin xografts as temporary biol. dressings for burns & other skin disord. 30662
hormones, parahormones, mediators & other chem. agents used in physiol. control of body funct., review (Rus) 55175
internat. methods of control (Fr) 21305
sclerotiorin from Penicillium multicolor, chem. degradation & reactions 1640

*effects*

bact. levans & lipopolysaccharides on biol. processes in exper. infect. & inflamm. in mice & rabbits 37570

## BIOLOGICAL WARFARE

background & future uses 40324

## BIOLOGY

basic biodynamics 47522
biol. aspects of works of Yves Poursines (Fr) 29191
cellular radiobiol., review 36334
contribution of Richard B. Goldschmidt 21702
controlled-climate conditions for biologists, feasibility of constructing a biotron 9550
importance of taxonomy in biol. research 52356
increase & inflation in articles & reports in field of biol. (Fr) 43981
innovation in biol. research, review 9615
mathematics in biol. (Fr) 53446
measurement problems (Nor) 45427
mechanism of biopathol. synthesis (Sp) 43850
psychobiol., psychopharmacol. & psychiatric aspects 16356
radiobiol., information theory, review 36335
radiobiol. problems & research, review (It) 44318
research methods, symposium 14265
research, new gnotobiotic discipline 7953
research, value of chance-critical statist. (Ger) 28870
taxonomic codification of biol. entities, system for machine processing 21694
teleology & biol. investigation (Por) 53200
use of electron microscope, limitations & possibilities (Por) 42201
use of electron microscopy, review 29854
variations within individuals in human biol. 16270

## BIOMETRY

calculation & interrelation of arithmetical & serial means in cranial measurements (It) 36726
classif. of daily regulation of clin. processes in dia., review (Ger) 34147

## BIOPSY

bone marrow, hist., contribution of Giovanni Ghedini 9596
bone marrow, punch technic (Fr) 44618
cervix biopsy by cold conization, technics, indic. & contraindic. 16573
kidney, transcutaneous technic (Fr) 42961
liver needle biopsy, mortal. in liver cancer 572
mediastinal lymph nodes, through tracheal carina 10105
musc. diag. value, review 12338
needle, methods & value in cancer of various sites 24162
prescalene lymph node biopsy, diag. value 19819
simultaneous biopsy & photolaparoscopy (Ger) 54356
small intestine mucosa, peroral technic 575
suction biopsy, technic (Sp) 43864
technics in diag. of intrathoracic dis. 39438

*apparatus and instruments*

air-driven drill-biopsy gun 18727
biopsy punches, method for sharpening 23
instrument for sampling spongy substance of bone 9005
new needle for liver punch biopsy (Fr) 53445
small knives for dermatol. biopsy 11584

## BIOTIN

53285
biochem. implications of crystal structure 54394

*deficiency*

case report in child 11976
eff. on protein biosynthesis, review 43286
exper. induction in hamsters, clin. aspects 39243

*determination*

microbiol. method using Penicillium chrysogenum mutant (It) 53811

*effects*

on fatty acid synthesis in higher plants 13412
on glycolysis in Saccharomyces cerevisiae 16890

*metabolism*

Micromonospora vulgaris requirements, defined culture medium 17314
participation in synthesis of purine bases in rats (It) 1920
Propionibacterium pentosaceum, specificity 13399
requirements for dextran synthesis from sucrose in rumen strains of Streptoc. bovis 40853
review 1259

*therapeutic use*

dermatitis seborrheica, results (Fr) 16374

## BIPHENYL COMPOUNDS

*see also* BENZIDINE

biphenylacrylic acid amino esters (It) 49401

*effects*

antifungal properties of halogenated deriv. of biphenyl, testing in vitro & in vivo (Fr) 37847
2-(4-biphenylyl)-butyric acid on cholesterol & fatty acid synthesis in rats 36564
2-(4-biphenylyl)-butyric acid on cholesterol & phospholipid metab. in rats 15006

*preparation of*

4-hydroxybiphenyl synthesis, improved method (Rus) 10938
thiocyanatobiphenyl cpds. (It) 48097

## BIRDS

*see also* FOWLS, DOMESTIC

blood volume in aquatic & in nonaquatic species, comparison 742
carotid body in various birds, vasc. system & distribution of carotid tissues 46545
carrier pigeons, relation of homecoming speed to hormonal influences (Ger) 39245
desoxyribonucleic acid content of erythrocytes & spermatozoa (It) 36900
determinants of bilateral symmetry, dominant orientation of embryo to egg axis & von Baer's law (Fr) 18143
freemartin occurring spontaneously in double-yolked bird's egg (Fr) 36510
Gamasidae in sparrows in Russian cities (Rus) 18895
histochem. of nasal gland of duck 19503
hosts of fleas in Fair Isle off Shetland Islands 30371
melanoblast reservoir available to feather papilla 40782
migration detected by centimetric radar 53484
migration detected by high-power radar 53485
molting, induction by 17α-hydroxyprogesterone caproate 15591
pecten of bird eye, morphol. (It) 37165
plumin steroid in plumage of birds 36517
Progne subis, variation in brachial plexus 23358
salt glands in marine birds, review 54428
salt gland secretion, control mechanism 12539
spur-winged plover, host of trematode Cyclocoelum titiri 5608
taxonomy of gallinaceous birds, application of immunol. & chromatography 29850
Urolonchа striata, electron microscopy of retinal rods & cones 5903
zebra parakeet Melopsittacus undulatus, electron microscopy of melanin in feather of normal & albino bird (Ger) 6760

*diseases*

Cestoda of birds of Hertfordshire, England 17378
cnemidocoptic mange in budgerigar 28186
helminth infect. of wild chickens (Pol) 33788
infect. dis. transm. (Rus) 34676
Mallophaga infestation (Pol) 33817
Mallophaga infestation of storks (Pol) 33818
parasitic blood dis. (Pol) 33780
psittacosis-infected parakeets, ther. with chlortetracycline 47617
sparrow, helminth infect. (Pol) 33787
thick leg dis., exper. trs sm. 17110

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

tissue response to infect. with trematode Conspicuum icteridorum in gallbladder of Brewer blackbird 5593
transm. of Russian tick-borne encephalitis (Rus) 22700
trematode infect. in aquatic birds (Pol) 33788
trematodes of Hertfordshire birds 5136

**BIRTH CONTROL**
*see also* CONTRACEPTION
correlation of various types of birth control with ment. illness, statist. 47170
family planning, in control of world population, current status 20552
family planning in India 4831
family planning in Japan 19135
in Indonesia (Indonesian) 41969
planned parenthood, hist. note & present-day concepts (Sp) 21100

**BIRTH INJURY**
*see also* CEREBRAL PALSY
brain inj. caused by oxytocics & anesthetics (Fr) 11985A
brain inj., photoplethysmography (Rus) 12117
closed head inj., follow-up of seq. in injured twin by comparison with control twin 24088
cranial fract. (Dut) 52551
diag. & progn. (Hun) 39737
follow-up studies (Ger) 30056
fract. of humerus during spontaneous head presentation (Ger) 39755
osseous inj., management 52138
phrenic paralysis causing diaphragmatic eventration 43493
shoulder inj., surg. (Sp) 30996
subclin. signs 16688
tentorial laceration, causes (Ger) 15441
vasc. factors 53510
*case reports*
epiphysiolysis of upper femur, x-ray manifest. 4791

*BIRTH RATE see* VITAL STATISTICS

**BISHYDROXYCOUMARIN**
discovery & develop. for clin. use, hist. 48711
*effects*
on blood uric acid (Dan) 10648
on prothrombin time in liver funct. tests, review (It) 36798 36799
on uric acid excretion in cardiovasc. patients 46
thrombolytic eff. in rabbits (Rus) 54549
*injurious effects*
abortive hemorrhagic skin necrosis (Dan) 43243
induction of myocardial lesions in mice 17939
subdural hematoma, case reports 36253
*therapeutic use*
cerebral vasc. dis. (Rus) 34688
early develop. in Sweden, hist. 48716
early experiences 48715
historical data 48714
long-term ther., statist. 41099
myocardial infarct 25837
myocardial infarct (Rus) 18292
prev. of arterial thrombosis in surg. patients 25845
sinus thrombosis of otogenic origin (Rus) 45724
thrombo-embolic dis., prolonged ther. (It) 2877
thrombosis, arterial (Ger) 25839

**BISMUTH**
*see also* BISMUTH-ARSENIC COMPOUNDS
*determination*
in tissue, spectrophotometry with antipyrine reagent (It) 3536
*injurious effects*
fatal cardio-circ. collapse in syphilis ther. in an alcoholic previously treated with disulfiram (It) 6925
mixed decalcifying osteoporosis-osteomalacia in pelvi-spinal region, in patients of syphilis (Fr) 44776
panmyelopathy with symptomatic reticuloendotheliosis (Pol) 53185
*metabolism*
elimination of bound bismuth by bismuth salt admin. in guinea pigs (Fr) 32920
radiobismuth-lecithin camphor-carbonate, distribution after infiltration into solid Ehrlich carcinoma in mice (It) 42585
*therapeutic use*
bismuth-gold-aminopyrine suppositories in adnexitis (Ger) 51832
bismuth silicate in gastrointestinal dis. (Fr) 39481
bismuth subnitrate in gastrointestinal disord. (Fr) 32374
rheum. arthritis (Ger) 23091
syphilis, with penicillin, eff. on kidney funct. (It) 27642

**BISMUTH-ARSENIC COMPOUNDS**
*effects*
bismuth glycolylarsanilate on experim. trichuriasis vulpis in dogs (Ger) 34326
*therapeutic use*
bismuth glycolylarsanilate-allantoin-lauroyl sodium sulfonate-sulfathiazole prep. in vaginitis (Sp) 44580

*BISMUTH GLYCOLYLARSANILATE see* BISMUTH-ARSENIC COMPOUNDS

**BITES AND STINGS**
*see also* ARACHNIDISM
*see also* SNAKE BITES
aphid stings causing floral abnorm. in mustard plant, Erysimum perofskianum (Fr) 9180
bee sting causing laryngeal edema (Rus) 45742
bee, wasp & hornet stings causing unusual & sometimes fatal sensitivity reactions (Fr) 53381
bites of various large animals, compl. & case reports (It) 9275
gnat bites, vertical distribution on human body under different cond. 25063
sting-ray pois. 8515
stinging appar. of mosquito Culex pipiens, anat. (Ger) 46629
stings of weeverfish, review 11303
stone-fish sting, manifest. & ther. 6474
venomous marine snail Conus stings in Pacific islands 4007
*microbiology*
Pasteurella multocida isolation from lion-bite wound 5662

**BLADDER**
*see also* CATHETERIZATION
*see also* CYSTOSCOPY
instillation, new appar. (Ger) 11331
*abnormalities*
exstrophy, case report (It) 20223
exstrophy in newborn, surg. technics 8030
exstrophy, surg. (Ger) 11323
exstrophy, surg., cystectomy 18139
exstrophy, surg., Gersuny technic 33111
exstrophy, surg. reconstruction 34980
exstrophy, surg. technic & problems 30660
exstrophy, surg., ureterosigmoidostomy 35527
exstrophy with split pelvis, progn. progs. 50979
exstrophy with vaginal calculus, surg. followed by pregn., case report (Ger) 55746
*anatomy and histology*
in newborn 18757
mucosal histol. in cat (Rus) 33291
structure & funct. of internal vesical sphincter in dogs 18146
*calculi*
causing cancer & dystocia, case report (Sp) 8951
eff. of cortisone & thyroid extract on post-hypophysectomy dissolution of calculi in rats 55040
fibrin stone 48527
giant calculi in tubere. contracted bladder (Ger) 11318
in cysticercosis, case reports 21861
primary calculus manifesting hyperparathyroidism, case report 35888
surg., lithotomy & lithotrity, hist. 22483
surg., suprapubic lithotomy with primary closure of bladder 17441
ther., trypsin prep. in control of organic bladder concrements (Ger) 29454
*diseases*
*see also* CYSTITIS
atony in female bladder, case reports 46264
bladder neck contraction, surg. by Bradford Young technic 45081
bladder neck contraction, surg. with full thickness bladder flap 54727
bladder neck dis., in child., causing retention of urine (It) 42789
bladder neck dis. in female 33091
bladder neck dis. in inf. (Fr) 41480
bladder neck fibrosis following prostatic resection, management with panendoscope 33079
bladder neck obstruct. 44063
bladder neck obstruct., congen. 32081
bladder neck obstruct., congen., surg. 24790
bladder neck obstruct., diag., surg. & postop. care 4498
bladder neck obstruct. in adult male 9790
bladder neck obstruct. in child, classif. of urographic patterns 12657
bladder neck obstruct. in child., diag. & surg. 32906
bladder neck obstruct. in females 33086
bladder neck obstruct., surg., prostatectomy 14174
bladder neck sclerosis, etiopathogen. (Fr) 8146
bladder neck sclerosis, surg. (Fr) 46765
contracture, surg., substitute bladder from intestinal segment (Rus) 45595
cystourethrocele, differentiation from supernumerary ureter, case report (Sp) 30239
decompensated bladder, physiopathol. & ther. 37668
disord. in paraplegia, ther., tidal drainage (Ger) 23184
displacement, first description by Franciscus de Pedementium 33437
dysfunct. 50689
dysfunct. caused by interstitial cystitis in child., ther. 18147
in pregn., labor & puerperium (Ger) 29486
malacoplakia (Dut) 7326
malacoplakia, case report 8104 58008
moniliasis after antibiotic ther. (Rus) 10726
neurogenic bladder caused by sacral echinoccus cyst 5918
painful, palliative denerv. (Sp) 1544
prolapse in scrotal hernia (Rus) 55162
prolapse of redundant trigonal mucosa through urethra into vagina, in 11-month-old girl 5726
secondary actinomycosis caused by perf. of ovary into bladder 45578
sliding hernia, surg. (Rus) 5992
sliding inguinoscrotal hernia (Rus) 55163
telangiectatic granulation, differ. diag. from cancer, pathol. & case report (Fr) 28677
vesicoureteral reflux, etiol. & pathogen. 33090
vesicoureteral reflux in child. 7490
vesicoureteral reflux, pathogen., diag. & ther. 50116
vesicoureteral reflux, surg., Bischoff operation (Sp) 13537
with traum. separation of pubic symphysis, case report (Fr) 18615
*diverticula*
(Bul) 41570
congen., with cancer, case reports (Fr) 28667
intramural cancer of diverticulum (Rus) 55170
*effect of drugs on*
p-nitrobiphenyl, new bladder carcinogen in dog 40109
sex hormones & autonomic drugs, on female bladder & its sphincter mechanism 52830
*effect of radiations on*
x-ray & radium causing hemorrh., inflamm. & ulcerative reactions, prev. & ther. (Ger) 32870
*fistula*
*see also* FISTULA, VESICOVAGINAL
enterovesical in generalized lymphosarcoma (Rus) 10802
fistulization of cancer of colon into bladder, case report (Sp) 1834
ileovesical caused by infiltrative reticulolymphosarcoma of ileum, surg. (Ger) 55703
rectovesical, management principles & technic of surg. closure 5933
vesico-intestinal 53513 53514
vesico-intestinal, clin. manifest. 53515
vesicosigmoid, complicating intestinal amebiasis (It) 23756
vesicosigmoid, inflamm. & neoplastic (Sp) 1837 1839
vesico-uterine, case reports (Fr) 36273
*foreign bodies*
bladder wall (Rus) 55164
fountain pen causing perf. & form. of abdom. abscess (Rus) 55165
introduced in instrumental masturbation, case reports (Cz) 9454
migration of radio wire into bladder (Ger) 11329
wire thread, in male (Rus) 41558
*function tests*
cystometry in urinary incontinence in women 38573
*in various diseases*
renal tuberc. causing contracture of bladder & bladder neck, diag. & ther. 8929
spinal cord. inj., bladder distention causing hypertension (Fr) 9145
*microbiology*
bact. cultures, clin. analysis 32536
*neoplasms*
adenoma, surg. using blind suture (Rus) 55153
bony & cartilaginous tumors, case reports 17881
determ. of urinary anthranilic acid, 3-hydroxyanthranilic acid & kynurenine (It) 13982
diag. & ther. (Rus) 10714
early diag. 28461
exper. induction by N-2-fluorenyl-acetamide in rats, role of indole in incidence 31310
fibrosarcoma in dog, vet. case report 40395
induced by indust. aromatic amines in man & exper. animals 44066
infiltrative cancer of trigone, surg., subtotal cystectomy 55025
leiomyoma (Ger) 34373
leiomyosarcoma, metastatic from prostate, case report (Hun) 10603
mesenchyoma (Ger) 55513
metastasis to heart (Rus) 28747
neurofibroma, case report 35886
occup. tumors, statist. in France (Fr) 37807
of bladder diverticulum (Ger) 11316
papillary & solid tumors, classif. 6193
papilloma, histopathol. & surg. (Fr) 38673
perf. causing acute diffuse peritonitis, case report (It) 26585
perivesical, causing pericystitis, manifest., diag. & case reports (It) 35595
pheochromocytoma 37689
pheochromocytoma in teen-age girl, unusual case 33106
polypi, surg., statist. (Fr) 18638
polyps, classif. as ther. guide (Fr) 41482

radiother. & surg. of cancer, indic. & results (Por) 53868

rhabdomyomyxosarcoma, in 5-year-old child (It) 27625

rhabdomyosarcoma, x-ray diag. (It) 3896

surg. (Ger) 55738

surg. & supervoltage x-ray ther. 14172

surg. & x-ray ther. 14764

surg., cystectomy for carcinoma & papillomatosis 18139

surg., subtotal cystectomy & total bladder regen. 16592

surg., ureteo-ileal anastomosis, postop. motility of ileal artif. bladder, eff. of eating, distention, morphine, serotonin & neostigmine 48484

surg., ureterolleostomy, postop. body fluid balance disord. 22027

survival rates after ther. 45572

ther., cobalt telether. (Sp) 39092

ther., mistletoe extract (Ger) 34374

ther., radioactive cobalt & yttrium 33885

tumors of the apex, clin. & cytoscopic manifest., case reports (Fr) 28676

with bronchial tumor & 2 types of cecal carcinoma (Ger) 23117

***perforation***

caused by nailing in fract. of femur neck (Ger) 7032

caused by tuberc. of teratoma of ovary (Rus) 55169

late perf. by migrating for. body (Rus) 45612

***physiology***

eff. of electrical stimulation of medullated bladder on urination in dogs (Fr) 38675

eff. of increased intravesical pressure on urinary output in dogs 18145

eff. of pituitrin on water transfer across wall of isolated bladder of toad 17224

method of unconditioned irritation with intracystic pressure & volume registration in man (Rus) 49542

myol. & neurol. 17487

physiopathology, cystometry (Fr) 18525

postop. sensitivity & contractile capacity in patients with & without urinary retention, manometry (It) 37162

voiding efficiency in child., determ. by floating iodized oil with subsequent x-rays 41366

***radiography***

arteriography (It) 42528

contrast media, sodium acetrizoate in cystourethrography 12664

cysto-urethrography during urination, automatic serial technic 35442

delayed cystography, diag. 50673

thorotrast in double-contrast cystourethrography in dog 48985

urethrocystography (Af) 9806

urethrocystography in stress incontinence in women 33819

urethrocystography with metallic bead chain technic, clin. value in stress cond. 38572

***rupture***

early diag. & surg. 41017

surg. ther. (Rus) 45602

***surgery***

anesth. technic (Rus) 45601

bladder flap in ureteroplasty (Rus) 55160

cervico-cystopexy in orthostatic urinary incontinence in women, Perrin method (Fr) 27730

cystectomy, postop. insensible body weight loss 36322

cystogastrostomy & cystojejunostomy in pancreatic pseudocyst, case reports (Sp) 31018

exper. ileo- & colocystoplasty, eff. on body fluid in dogs, review (Fr) 28672

form. of artif. bladder using anal sphincter for continence, technic (Fr) 41468, 41471

form. of rectal bladder, postop. phenolsulfonphthalein excretion determ. as kidney funct. test (Ger) 55713

high section, hist. in Russia (Rus) 55159

ileocystoplasty & bilateral ureteroileal anastomosis after previous bilateral cutaneous ureterostomy for tuberc. contraction of bladder (Fr) 41483

ileocystoplasty & ureterolleocystoplasty in urogenital tuberc. (Cz) 9447

ileocystoplasty, case report (Rus) 45594

ileocystoplasty, cup-patch technic in bladder enlargement or partial substitution 54764

ileocystoplasty, exper., histol. behavior of autografts in rabbits 16786

ileocystoplasty for interstitial cystitis & cancer of bladder (Tur) 22381

ileocystoplasty in patients with solitary kidneys 48519

ileocystoplasty in vesicovaginal fistula (Fr) 10592

ileocystoplasty, postop. funct. analysis of bladder 5917

ileocystoplasty, using serous surface of intestine for prev. of copious secretion of mucus 48763

latero-lateral sigmoidocystoplasty, indic. & technics (Fr) 38674

postop. care 52755

sigmoidocystoplasty (Bul) 28759

substitute bladder, Bricker uretero-ileostomy (Sp) 24743

substitute bladder, ureterosigmoidostomy, case of subsequent pregn. with successful cesarean section (Pol) 27590

substitute bladder with ileum & colon 34977

substitute bladder with isolated ileal loop 14168

substitute bladder with terminal segment of sigmoid colon (Rus) 45593

substitute bladder with urinary diversion, methods 54689

ureterosoecystostomy for calculus of distal ureter, indic. & technic (Fr) 39048

ureterosoecystostomy, indic. & technics 55033

ureterosigmoidostomy by Leadbetter technic (Fr) 38673

ureterosigmoidostomy, postop. ammonia intoxication & hepatic coma in a liver cirrhosis patient 18463

ureterosigmoidostomy, postop. osteomalacia, pathogen. & case reports 37672

urinary diversion through isolated rectal bladder with intrasphincteric anal colostomy 39147

***transplantation***

intramusc. grafts, calcification in rat, radiophosphorus tracer test (Ger) 26163

***ulcers***

caused by x-ray ther. of female genital cancer (Ger) 38106

simplex, pathogen. (Ger) 55592

surg. 38315

***wounds and injuries***

closed, after earthquake, clin. picture & ther. (Rus) 10713

gunshot, migration of metallic splinter to urethra (Rus) 9874

posttraum. azotemia & infect. in dogs (Rus) 41534

surg. inj., late seq. (Ger) 23248

***BLASTOMA*** *see* **NEOPLASMS**

**BLASTOMYCES**

***effect of drugs on***

chloramphenicol on gastrointestinal population (Pol) 31539

**BLASTOMYCOSIS**

(Sp) 8716

So. Amer., of lungs, diag. & ther. (Por) 44475

***case reports***

blastomycotic ulcer of lower lip 35928

chromoblastomycosis, ther., local amphotericin B infiltration 46388

lungs, ther., 2-hydroxystilbamidine 2941

perirectal, with pseudo-epitheliomatous hyperplasia & subsequent develop. of squamous cell carcinoma 21843

So. Amer., Jorge Lôbo type (Por) 21054

***complications***

chromoblastomycosis causing brain abscess in So. African Bantu 54502

tuberc. in pulm. Brazilian blastomycosis (Por) 8782

***epidemiology***

chromoblastomycosis in Brazil (Por) 12893

***manifestations***

x-ray manifest. 47217

***therapy***

stilbamidine & 2-hydroxystilbamidine in systemic blastomycosis 26425

**BLINDNESS**

***see also*** **AMBLYOPIA**

***see also*** **HEMIANOPIA**

***see also*** **NIGHT BLINDNESS**

audiometric tests of blind persons (It) 35960

auditory skills of blind persons training with guide dogs 5847

braille-alexia in blind, comparison with alexia in persons with normal vision & neurol. mechanisms, case report (Rus) 16274

care & employment of blind in Italy, hist. & contribution of Don Gilardi (It) 9335

etiol., prev. & ther. (Ger) 42241

health program for guide dogs for the blind 16780

occup. ther., success as darkroom technician 28646

optical appliances for partially sighted persons 3107

rehabil. (Por) 39471

rehabil. failures, responsibility of rehabil. worker 18028

relation between pupillary reflexes & amaurosis (Sp) 19783

teaching a blind cerebral palsied child to walk 30643

technics for safe foot travel for blind persons 18031

***case reports***

in chronic ankylosing polyarthritis with dyschondroplasia & scleroderma (It) 52126

***epidemiology***

in Florida, causes 17393

***etiology and pathogenesis***

brain tumor, prev. 43334

continuous exposure of cornea during postop. recovery, prev. 30255

cortical blindness with partial recovery after acute cerebral anoxia from cardiac arrest 23434

flash blindness produced by atomic flash 4830

meningeal tuberc., ther., nicotinic acid 40920

***experimental***

eff. of peripheral blindness on stimulus alternation in rat 37983

***in infant and child***

amaurosis & hemiparesis following typhoid fever, case report (Ger) 25288

congen. amaurosis 46455

hysteric amaurosis of right eye treated by post-hypnotic suggestion (Sp) 8840

ment. develop. of child. with blindness due to retrolental fibroplasia 33506

sudden blindness caused by bilateral inflamm. of optic tract, case report (Cz) 38335

***prevention and control***

diag. & ther. of red eye 7651

ther. of bilateral aniridia, case report 38108

protection from snow burn & blindness by protective eyedrops & ointments (Ger) 52200

***psychology***

anxiety & other psychol. manifest. in blind patient with other sensory deficits 47183

***statistics***

applications for state aid in Connecticut 27077

***BLINKING*** *see* **EYELIDS**

**BLISTER**

***experimental***

histamine & histamine-like substances in capillary permeability changes in animals (Rus) 25742

prod. by threshold concentrations of cantharidin in guinea pigs, eff. of hydrocortisone 38871

**BLISTER FLUID**

free amino acids, in skin dis. (It) 3894

glycoprotein determ. after soft x-irradiation of skin, electrophoresis (Ger) 39807

protein composition of human blister fluid (It) 37438

unusual cytomorphol. in case of ectodermosis erosiva pluriorificialis (It) 27643

**BLOOD**

***see also*** **ACID-BASE EQUILIBRIUM**

***see also*** **HEMOPOIESIS**

alpha radiations of rat blood (Fr) 38694

antidiuretic activity after stimulation of posterior pituitary gland in man 16393

antitumor properties, eff. of hemother. (Rus) 30308

bactericidal action, relation to complement factors & properdin system (Ger) 52256

bactericidal eff. of mouse blood for nonvirulent group A streptoc., ineffectiveness in vitro 50601

bactericidal eff. on gram-negative bact., correlation with properdin titer & complement activity (It) 44826

bactericidal properties, eff. of anesth. & hypothermia (Rus) 11485

beta radiations of rat blood (Fr) 38695

biochem. changes during artif. blood circ. in dogs (Rus) 3406

biochem., physiol. normals in Nigerians 10970

bleeding of mammals from retrobulbar venous plexus (Ger) 30569

blood-drawing technics in pediatrics, review 53014

bloodletting, eff. on blood proteins, hematocrit & blood oxygen in normal subjects (It) 44809

bloodletting in hemochromatosis (Dan) 43241

bloodletting in newborn mice & rats, intracardiac technic 31416

bloodletting in ther. of hemochromatosis 43147

bloodletting in ther. of urticaria & angioneurotic edema (Fr) 9632

blood-letting technic for guinea pigs (Ger) 34480

blood picture in non-pulm. tuberc. as indic. of clin. status (Fr) 54123

buffer capacity in severe chronic anemias 24823

buffer capacity, maintenance with polypeptides & casein hydrolysate in rabbits 24825

buffer capacity of human blood 38555

carbon dioxide combining power of serum & plasma in minute quantities, volumetric appar. 35659

changes in normal aged (Dan) 43180

chem., eff. of acceleration (Rus) 1753

chem. in Indonesians, norms (Ger) 38513

chem., relation to coronary dis., inter-racial factors in So. Africa 9830

chylomicrons, determ., new simplified micromethod (Ger) 33998

collection of anaerobic samples, collector device & method 16842

components, postop. determ. (Pol) 43629

cytotoxic factor of rabbit & guinea pig blood for normal & leukemic human lymphocytes 19493

density decrease with decreasing blood pressure in bed rest & induced hypotension (Ger) 38507

depressor-active substance, standard. (Ger) 1590

diurnal variations in constituents in cattle, eff. of environmental temperature 12499



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

drowing, tourniquet (Ger) 19448

eff. of long-term rice & rice-tapioca diets on blood of rats 2082

eff. of phys. training on blood constituents in preliminary period of military service (It) 19182

eff. of plasma from psychotic patients on performance of trained rats 11651

eff. of plasma substitutes on gravimetric indices (Rus) 33196

eff. of sleep (It) 33155

eff. on interaction of sulfonamides with stains (Fr)

eff. on Protosoa of blood from schizophrenic patients (Ger) 46049

embryonic inductive capacity 34850

endotoxin-detoxifying component in blood & plasma, eff. of calcium & dialysis 17353

endotoxin-detoxifying component in blood & plasma, species differentiation 17351

establishment of permanent cell strains from human adult peripheral blood 19532

fibrinolytic activity in whole blood masked by clotting process 38613

fibrinolytic acitivity of peripheral blood during menstrual cycle (Fr) 3129

flocculation test, diag. value in surg. dis. (Ger) 23173

fluid loss during systamic rise of venous pressure caused by repeated Valsalva maneuvers in man

fluidity, eff. of work at high temperatures (Pol) 43639

frequency of tumor cells in blood of cancer patients, comparison with tumor cells in bone marrow 38066

gas content determ. by van Slyke's method using sodium eacin as reagent (Ger) 43600

gases, analysis by van Slyke's double manometric appar. (Rus) 55303

gases, eff. on circ. & intracardiac measurement during systole (Fr) 3303

gases, eff. on human myoglobin 13407

hematol. changes after total gastrectomy (Ger) 26168

hematol. changes in exper. radiation sickness in guinea pigs (Rus) 44012

hematol. eff. of explosive decompression in rabbits (It) 19226

hematol. values in healthy prematures during 1st week of life (Sp) 1819

hemolymph, high concentration of free amino acids in insects 36613

hemolymph of bee moth larvae, cell morphol. & polyphenol oxidase content 49304

hemolymph of snail, evolution of content in salts after inject. of monocationic solutions (Fr) 36873

hemopoietic factor of the blood following repeated bleeding, active protein principle (Fr) 26844

hemostat 12873

homologous whole blood causing enhancement of skin homograft survival in rabbits 47566

hypoglycemic activity of blood draining from pancreas, potentiation by hypoglycemic sulfonamides in dog (Fr) 38665

identification of blood stains, methods in forensic pathol. 4143

immunochem. relation of human & animal blood, immunoelectrophoresis (Fr) 26861

in aged (Fr) 32202

in aged, review (Fr) 33184

in athletes (Cz) 38222

inhib. eff. of human sera on microorganisms used for biol. titration of antibiotics (Pol) 29517

iron-binding capacity, determ. 38514

isolation from human blood of new substance assoc. with fat transport activity 7250

oxygenation by hydrogen peroxide (Fr) 43978

oxytocic properties (Fr) 15129

pathol. physico-chem. changes in surg. patients, penicillin ther. (Rus) 5957

pH & gases in maternal & fetal blood in diabetes mellitus, review 43494

pH, determ. (Dan) 22396

pH, eff. of transperitoneal or transcutaneous electrodialysis in rabbits (Fr) 47321

pH, eff. on EEG 19705

pH, eff. on ECG in hypothermic dogs 11529

pH in pregn. goats & their fetuses 12571

pH, measurement appar. (Fr) 39872

pH of arterial blood correlation with carbon dioxide content (Fr) 15022

pH of venous blood, role in regulation of peripheral circ. (Fr) 26928

pH, postmortem changes, value in determ. of time of death (It) 6923

picture, changes with age in male rats 17367

picture in child. attending summer camps (Ger) 11141

picture in sirenian mammals (Ger) 21650

picture of tuberc. patients, eff. of cycloserine (It) 54313

precursors of milk proteins in blood, review 53475

reaction of human blood with levan fractions from Bacillus subtilis causing precipitation of lipoproteins (Fr) 38696

reciprocal exchange between parabiosed albino rats 740

serotonin-activating property of blood of ment. defectives (It) 32113

simple method for obtaining venous blood from small inf. 43534

smears, cultures & animal inoculations of peripheral aspirates in diag. of tuberc. in child. 5723

smears in sex chromatin determ., comparison with vaginal smears (Sp) 7590

smears, variability of results in cell differentiation, determ. table (Dut) 52513

sparing eff. of blood from mice treated with endotoxin on certain murine virus dis. 52417

temperature in right & left heart, relation to pulm. ventilation & cardiac activity in rabbits (Cz) 21572

temperature in thigh vessels before & after knee warming by diathermy in dogs (Cz) 21571

tests with immovable venous cannula (Dan) 55106

vasoconstrictor action of pre-warmed blood perfused directly into kidney in dog (Fr) 26958

viral inhibitors in normal animal blood, review 45375

viscosity in dehydration states (Pol) 30790

viscosity in hypertension, eff. of reserpine (It) 8364

viscosity, relation to blood pressure (Fr) 9178

viscosity, relation to erythrocyte concentration, size & shape (Sp) 44591

vital staining of blood parasites with acridine orange 51000

*effect of drugs on*

analeptics, hypnotics & sedatives (Pol) 53189

carbutamide & tolbutamide, on blood crasis, in diabetics (It) 8363

carbutamide, tolbutamide, disulfiram & insulin on blood chem. in normal dogs (Ger) 1604

cocoa butter on blood chem. in rat (It) 21006

heparin on plasma clearing activity in rabbits (It) 1989

heparin sodium & cat gastric mucin prep., on optic density, comparison (It) 36815

heparin-treated plasma, eff. on synthetic glyceride emulsions (It) 1987

isoniazid on blood constitution in guinea pigs (It) 42631

nitrogen mustard depression of normal blood bactericidal activity 50602

procaine, eff. of single inject. on composition in dogs & rabbits (Rus) 13848

protamines in rabbits (Fr) 21297

trichlorocthylene, absence of inj. eff. (Fr) 33203

*effect of radiations on*

exam. by isotopic technics 4320

gallium-72 in internal ther. doses 1773

radiother. on peripheral blood in cancer (Rus) 10837

x-ray on chem. in rabbits (Rus) 10804A

x-ray ther. of breast & uterus cancer, age factor (Ger) 46070

x-ray total body irradiation of mice (Bul) 32741

*BLOOD BANKS see* BLOOD, PRESERVED

*BLOOD-BRAIN BARRIER see* HEMATO-ENCEPHALIC BARRIER

BLOOD CELLS

*see also* BLOOD PLATELETS

*see also* BONE MARROW

*see also* ERYTHROCYTES

*see also* HEMAGGLUTINATION

*see also* LEUKOCYTES

cell count chambers, errors in count & interpretation related to cell chamber structure (Sp) 10347

changes during rest & after exertion (Fr) 180

chromosomal count in 5 long-term cell cultures derived from non-leukemic human peripheral blood 26455

Coulter-electronic blood cell counter 26283

count & distribution in peripheral blood smears 4887

count before & after splenectomy in schistosomal liver cirrhosis 4959

count, eff. of hypothermia in irradiated animals (Cz) 38253

count, eff. of methimazole ther. of hyperthyroidism (Ger) 22964

count in differ. diag. of intestinal obstruct. from gastric hemorrh. (Ger) 29406

count in duodenal & gastric hemorrh. (Pol) 20412

count in epidemic hemorrh. fever. (Rus) 45888

count, in hepatic fasciolíasis, comparison with peritoneal fluid in cattle (Pol) 33712

count in intestinal obstruct. (Rus) 9897

count in myocardial infarct (Rus) 18293

count in stomach cancer (Rus) 33221

count in urine 34878

count, neural regulation, review (Ger) 30094

count, neurohumoral regulation in animals (Ger) 15775

count, technic with counting chamber with fluorescent-free grid under fluorescent microscope (Ger) 55613

cytochem. reactions, densitometric evaluation (It) 37522

cytopenia caused by drugs (Fr) 21278

Detroit strains of human epithelial-like cells from nonleukemic peripheral blood 25926

differential blood count in newborn (Ger) 46076

*F* cell factor in monkey 47135

*F* cell factor in normal & splenectomized rats 47136

Golgi appar. (Ger) 46118

Golgi body structure & develop., phase contrast microscopy 24113

in Testudo ibera, normal indices (Fr) 26821

morphol. & count in aged (Fr) 32185

nuclear appendices, demonstration in pigeons (Ger) 27442

packed cell volume in humans, influence of biochem. & hematol. factors 40103

phase-contrast microscopy (Cz) 2733

relation between emission into peripheral blood, survival & proliferation of hemopoietic cells (It) 27761

sludging, differentiation from blood coagulation & thrombosis, mechanisms (Ger) 10345

*metabolism*

cholesterol & fatty acid synthesis from acetate in vitro 14617

endocytoplasmic form. of polysaccharides (Fr) 41143

ribonucleic acid in cells of peripheral blood of horses (Rus) 13854

BLOOD CIRCULATION

*see also* HEMATO-ENCEPHALIC BARRIER

*see also* HYPEREMIA

*see also* PLETHYSMOGRAPHY

*see also* PULSE

antenatal, perinatal & postnatal disord. causing cerebral damage in early life 50932

collateral circ., angiography 10098

collateral venous circ. of venae cavae & allied venae (Por) 35962

digital, review 46876

disord., diag., review (Ger) 36975

eff. of total body perfusion on using Gibbon-type pump-oxygenator 47329

hemodynamic compl. after anastomotic surg. in Fallot's tetralogy 2902

hemodynamics as means of assessing hemorrh. in dogs 25052

hemodynamics of camel 35633

in animals adapted to wds. (Cz) 38203

in fractured legs during cure, arteriography (Ger) 11422

ischemia test with oscillographic control in peripheral arterial dis. (It) 1512

method for slowing of systemic circ. in angiography, indic. & value (It) 29574

normal & pathol. pulm. circ. (Sp) 53959

overloading during & following blood transfusion, prev. with packed erythrocytes & atropine & morphine inject. 12363

peripheral, during & after cardiovasc. surg. (Ger) 29081

peripheral pooling of blood by venous occlusive tourniquets, inducing ventric. gallop rhythm 14035

pulm., morphopathol. (Sp) 37880

research, hist. (It) 44363

research in Gt. Brit. (Cz) 2743

time, eff. of Valsalva exper. 4880

*determination*

by multiple scintillation detectors placed over anterior chest wall 32691

capillary pressure determ. & heat conduction sound (Ger) 55461

capillary pressure determ. in musc. & skin (Ger) 55460

differential manometry in registration volume rate of blood flow (Rus) 48020

evaluation by dye inject. technic 32259

flow rate determ. by indicator-dilution method 14344

flow rate determ. in large vessels with thermistors (Ger) 10330

flow rate determ., source of error (Rus) 18307

fluorescence of skin of legs after fluorescein inject. in effort tests, diag. value in peripheral vasc. dis. (Fr) 43959

indicator technic & calculations 30651

measurement of hepatic blood flow, indirect method (Por) 53862

measurement of musc. reflex tonus by Hensel's heat conduction probe (Ger) 30506

measurement of peripheral vasodilation by digital plethysmography in clin. tests of hyperemia & vasodilator drug eff. (Fr) 54335

monitoring appar. with automatic blood pressure recorder (Ger) 34185

peripheral, eff. of oscillometer test on histamine wheal test 43618

peripheral rheograms in normals & in pathol. cond. (Ger) 46006

peripheral rheovasography (Rus) 45882

Pitot-static method for computation of blood velocity & flow 35624

radiother. & surg. of cancer, indic. & results (Por) 53868

rhabdomyomyxosarcoma, in 8-year-old child (It) 27625

rhabdomyosarcoma, x-ray diag. (It) 3896

surg. (Ger) 55728

surg. & supervoltage x-ray ther. 14172

surg. & x-ray ther. 14764

surg., cystectomy for carcinoma & papillomatosis 18139

surg., subtotal cystectomy & total bladder regen. 16592

surg., ureteroileal anastomosis, postop. motility of ileal artif. bladder, eff. of eating, distention, morphine, serotonin & neostigmine 48484

surg., ureterolleostomy, postop. body fluid balance disord. 22027

survival rates after ther. 45572

ther., cobalt telether. (Sp) 39093

ther., mistletoe extract (Ger) 34374

ther., radioactive cobalt & yttrium 33865

tumors of the apex, clin. & cytoscopic manifest., case reports (Fr) 28676

with bronchial tumor & 2 types of cecal carcinoma (Ger) 23117

***perforation***

caused by nailing in fract. of femur neck (Ger) 7032

caused by tuberc. of teratoma of ovary (Rus) 55169

late pert. by migrating for. body (Rus) 45612

***physiology***

eff. of electrical stimulation of medullated bladder on urination in dogs (Fr) 38875

eff. of increased intravesical pressure on urinary output in dogs 18145

eff. of pituitrin on water transfer across wall of isolated bladder of toad 17334

method of unconditioned irritation with intracystic pressure & volume registration in man (Rus) 49542

myol. & neurol. 17487

physiopathology, cystometry (Fr) 18525

postop. sensitivity & contractile capacity in patients with & without urinary retention, manometry (It) 37162

voiding efficiency in child., determ. by floating iodized oil with subsequent x-rays 41366

***radiography***

arteriography (It) 42528

contrast media, sodium acetrizoate in cystourethrography 12664

cysto-urethrography during urination, automatic serial technic 35442

delayed cystography, diag. 50673

thorotrast in double-contrast cystourethrography in dog 48985

urethrocystography (Af) 9806

urethrocystography in stress incontinence in women 33819

urethrocystography with metallic bead chain technic, clin. value in stress cond. 38572

***rupture***

early diag. & surg. 41017

surg. ther. (Rus) 45602

***surgery***

anesth. technic (Rus) 45601

bladder flap in ureteroplasty (Rus) 55160

cervico-cystopexy in orthostatic urinary incontinence in women, Perrin method (Fr) 27730

cystectomy, postop. insensible body weight loss 36322

cystogastrostomy & cystojejunostomy in pancreatic pseudocyst, case reports (Sp) 31018

exper. ileo- & colocystoplasty, eff. on body fluid in dogs, review (Fr) 28672

form. of artif. bladder using anal sphincter for continence, technic (Fr) 41468, 41471

form. of rectal bladder, postop. phenolsulfonphthalein excretion determ. as kidney funct. test (Ger) 55713

high section, hist. in Russia (Rus) 55159

ileocystoplasty & bilateral ureteroileal anastomosis after previous bilateral cutaneous ureterostomy for tuberc. contraction of bladder (Fr) 41483

ileocystoplasty & ureterolleocystoplasty in urogenital tuberc. (Cz) 9447

ileocystoplasty, case report (Rus) 45594

ileocystoplasty, cup-patch technic in bladder enlargement or partial substitution 54764

ileocystoplasty, exper., histol. behavior of autografts in rabbits 16786

ileocystoplasty for interstitial cystitis & cancer of bladder (Tur) 22381

ileocystoplasty in patients with solitary kidneys 48519

ileocystoplasty in vesicovaginal fistula (Fr) 10592

ileocystoplasty, postop. funct. analysis of bladder 5917

ileocystoplasty, using serous surface of intestine for prev. of copious secretion of mucus 46763

latero-lateral sigmoidocystoplasty, indic. & technics (Fr) 28674

postop. care 52755

sigmoidocystoplasty (Bul) 20759

substitute bladder, Bricker uretero-ileostomy (Sp) 24743

substitute bladder, ureterosigmoidostomy, case of subsequent pregn. with successful cesarean section (Pol) 27590

substitute bladder with ileum & colon 34977

substitute bladder with isolated ileal loop 14168

substitute bladder with terminal segment of sigmoid colon (Rus) 45593

substitute bladder with urinary diversion, methods 54689

ureterosocystostomy for calculus of distal ureter, indic. & technic (Fr) 39848

ureterosocystostomy, indic. & technics 55033

ureterosigmoidostomy by Leadbetter technic (Fr) 30673

ureterosigmoidostomy, postop. ammonia intoxication & hepatic coma in a liver cirrhosis patient 18463

ureterosigmoidostomy, postop. osteomalacia, pathogen. & case reports 37672

urinary diversion through isolated rectal bladder with intraspinkteric anal colostomy 39147

***transplantation***

intramusc. grafts, calcification in rat, radiophosphorus tracer test (Ger) 26163

***ulcers***

caused by x-ray ther. of female genital cancer (Ger) 39106

simplex, pathogen. (Ger) 55592

surg. 38315

***wounds and injuries***

closed, after earthquake, clin. picture & ther. (Rus) 10713

gunshot, migration of metallic splinter to urethra (Rus) 9874

posttraum. azotemia & infect. in dogs (Rus) 41534

surg. inj., late seq. (Ger) 23246

***BLASTOMA*** *see* **NEOPLASMS**

**BLASTOMYCES**

***effect of drugs on***

chloramphenicol on gastrointestinal population (Pol) 31539

**BLASTOMYCOSIS**

(Sp) 8716

So. Amer., of lungs, diag. & ther. (Por) 44475

***case reports***

blastomycotic ulcer of lower lip 35926

chromoblastomycosis, ther., local amphotericin B infiltration 46388

lungs, ther., 3-hydroxystilbamidine 2941

perirectal, with pseudo-epitheliomatous hyperplasia & subsequent develop. of squamous cell carcinoma 21843

So. Amer., Jorge Lôbo type (Por) 21054

***complications***

chromoblastomycosis causing brain abscess in So. African Bantu 54502

tuberc. in pulm. Brazilian blastomycosis (Por) 8782

***epidemiology***

chromoblastomycosis in Brazil (Por) 12893

***manifestations***

x-ray manifest. 47217

***therapy***

stilbamidine & 3-hydroxystilbamidine in systemic blastomycosis 26425

**BLINDNESS**

***see also*** **AMBLYOPIA**

***see also*** **HEMIANOPIA**

***see also*** **NIGHT BLINDNESS**

audiometric tests of blind persons (It) 35960

auditory skills of blind persons training with guide dogs 5847

braille-alexia in blind, comparison with alexia in persons with normal vision & neurol. mechanisms, case report (Rus) 16274

care & employment of blind in Italy, hist. & contribution of Don Gilardi (It) 9335

etiol., prev. & ther. (Ger) 42241

health program for guide dogs for the blind 16780

occup. ther., success as darkroom technician 28646

optical appliances for partially sighted persons 2107

rehabil. (Por) 39471

rehabil. failures, responsibility of rehabil. worker 18028

relation between pupillary reflexes & amaurosis (Sp) 19783

teaching a blind cerebral palsied child to walk 30643

technics for safe foot travel for blind persons 18031

***case reports***

in chronic ankylosing polyarthritis with dyschondroplasia & scleroderma (It) 52126

***epidemiology***

in Florida, causes 17393

***etiology and pathogenesis***

brain tumor, prev. 43334

continuous exposure of cornea during postop. recovery, prev. 30255

cortical blindness with partial recovery after acute cerebral anoxia from cardiac arrest 23434

flash blindness produced by atomic flash 4830

meningeal tuberc., ther., nicotinic acid 40920

***experimental***

eff. of peripheral blindness on stimulus alternation in rat 37983

***in infant and child***

amaurosis & hemiparesis following typhoid fever, case report (Ger) 25288

congen. amaurosis 48455

hysteric amaurosis of right eye treated by post-hypnotic suggestion (Sp) 8840

mest. develop. of child. with blindness due to retrolental fibroplasia 33506

sudden blindness caused by bilateral inflamm. of optic tract, case report (Cz) 38335

***prevention and control***

diag. & ther. of red eye 7651

ther. of bilateral aniridia, case report 39108

protection from snow burn & blindness by protective eyedrops & ointments (Ger) 52200

***psychology***

anxiety & other psychol. manifest. in blind patient with other sensory deficits 47183

***statistics***

applications for state aid in Connecticut 27077

***BLINKING*** *see* **EYELIDS**

**BLISTER**

***experimental***

histamine & histamine-like substances in capillary permeability changes in animals (Rus) 25742

prod. by threshold concentrations of cantharidin in guinea pigs, eff. of hydrocortisone 38871

**BLISTER FLUID**

free amino acids, in skin dis. (It) 3984

glycoprotein determ. after soft x-irradiation of skin, electrophoresis (Ger) 39807

protein composition of human blister fluid (It) 37430

unusual cytomorphol. in case of ectodermosis erosiva pluriorificialis (It) 27643

**BLOOD**

***see also*** **ACID-BASE EQUILIBRIUM**

***see also*** **HEMOPOIESIS**

alpha radiations of rat blood (Fr) 38694

antidiuretic activity after stimulation of posterior pituitary gland in man 18393

antitumor properties, eff. of hemother. (Rus) 20380

bactericidal action, relation to complement factors & properdin system (Ger) 52256

bactericidal eff. of mouse blood for nonvirulent group A streptoc., ineffectiveness in vitro 50601

bactericidal eff. on gram-negative bact., correlation with properdin titer & complement activity (It) 44826

bactericidal properties, eff. of anesth. & hypothermia (Rus) 11485

beta radiations of rat blood (Fr) 38695

biochem. changes during artif. blood circ. in dogs (Rus) 3406

biochem., physiol. normals in Nigerians 10878

bleeding of mammals from retrobulbar venous plexus (Ger) 30569

blood-drawing technics in pediatrics, review 53014

bloodletting, eff. on blood proteins, hematocrit & blood oxygen in normal subjects (It) 44809

bloodletting in hemochromatosis (Dan) 43341

bloodletting in newborn mice & rats, intracardiac technic 31416

bloodletting in ther. of hemochromatosis 43147

bloodletting in ther. of urticaria & angioneurotic edema (Fr) 9632

blood-letting technic for guinea pigs (Ger) 34489

blood picture in non-pulm. tuberc. as indic. of clin. status (Fr) 54123

buffer capacity in severe chronic anemias 24823

buffer capacity, maintenance with polypeptides & casein hydrolysate in rabbits 24825

buffer capacity of human blood 38555

carbon dioxide combining power of serum & plasma in minute quantities, volumetric appar. 35659

changes in normal aged (Den) 43180

chem., eff. of acceleration (Rus) 1753

chem. in Indonesians, norms (Ger) 38513

chem., relation to coronary dis., inter-racial factors in So. Africa 9830

chylomicrons, determ., new simplified micromethod (Ger) 33998

collection of anaerobic samples, collector device & method 16842

components, postop. determ. (Pol) 43829

cytotoxic factor of rabbit & guinea pig blood for normal & leukemic human lymphocytes 19485

density decrease with decreasing blood pressure in bed rest & induced hypotension (Ger) 38507

depressor-active substance, standard. (Ger) 1590

diurnal variations in constituents in cattle, eff. of environmental temperature 12499

drowing, tauraiquat (Ger) 19448

eff. of long-term rice & rice-tapioca diets on blood of rats 2082

eff. of phys. training on blood constituents in preliminary period of military service (It) 19182

eff. of plasma from psychotic patients on performance of trained rats 11651

eff. of plasma substitutes on gravimetric indices (Rus) 33196

eff. of sleep (It) 33155

eff. on interaction of sulfonamides with stains (Fr) 15151

eff. on Protozoa of blood from schizophrenic patients (Ger) 46049

embryonic inductive capacity 34850

endotoxin-detoxifying component in blood & plasma, eff. of calcium & dialysis 17353

endotoxin-detoxifying component in blood & plasma, species differentiation 17351

establishment of permanent cell strains from human adult peripheral blood 19532

fibrinolytic activity in whole blood masked by clotting process 38613

fibrinolytic activity of peripheral blood during menstrual cycle (Fr) 3129

flocculation test, diag. value in surg. dis. (Ger) 23173

fluid loss during systemic rise of venous pressure caused by repeated Valsalva maneuvers in man 17055

fluidity, eff. of work at high temperatures (Pol) 43639

frequency of tumor cells in blood of cancer patients, comparison with tumor cells in bone marrow 38066

gas content determ. by van Slyke's method using sodium escin as reagent (Ger) 43600

gases, analysis by van Slyke's double manometric appar. (Rus) 55303

gases, eff. on circ. & intracardiac measurement during systole (Fr) 3303

gases, eff. on human myoglobin 13407

hematol. changes after total gastrectomy (Ger) 26166

hematol. changes in exper. radiation sickness in guinea pigs (Rus) 44012

hematol. eff. of explosive decompression in rabbits (It) 19226

hematol. values in healthy premature during 1st week of life (Sp) 1819

hemolymph, high concentration of free amino acids in insects 36613

hemolymph of bee moth larvae, cell morphol. & polyphenol oxidase content 49304

hemolymph of snail, evolution of content in salts after inject. of monocationic solutions (Fr) 36873

hemopoietic factor of the blood following repeated bleeding, active protein principle (Fr) 26844

hemostat 12873

homologous whole blood causing enhancement of skin homograft survival in rabbits 47566

hypoglycemic activity of blood draining from pancreas, potentiation by hypoglycemic sulfonamides in dog (Fr) 38665

identification of blood stains, methods in forensic pathol. 4143

immunochem. relation of human & animal blood, immunoelectrophoresis (Fr) 26861

in aged (Fr) 32202

in aged, review (Fr) 33184

in athletes (Cz) 38222

inhib. eff. of human sera on microorganisms used for biol. titration of antibiotics (Pol) 39517

iron-binding capacity, determ. 38514

isolation from human blood of new substance assoc. with fat transport activity 7250

oxygenation by hydrogen peroxide (Fr) 43978

oxytocic properties (Fr) 15129

pathol. physico-chem. changes in surg. patients, penicillin ther. (Rus) 5957

pH & gases in maternal & fetal blood in diabetes mellitus, review 43494

pH, determ. (Dan) 32395

pH, eff. of transperitoneal or transcutaneous electrodialysis in rabbits (Fr) 47321

pH, eff. on EEG 10795

pH, eff. on ECG in hypothermic dogs 11539

pH in pregn. goats & their fetuses 12571

pH, measurement appar. (Fr) 39872

pH of arterial blood correlation with carbon dioxide content (Fr) 15022

pH of venous blood, role in regulation of peripheral circ. (Fr) 26926

pH, postmortem changes, value in determ. of time of death (It) 6923

picture, changes with age in male rats 17367

picture in child. attending summer camps (Ger) 11141

picture in sirenian mammals (Ger) 21658

picture of tuberc. patients, eff. of cycloserine (It) 54313

precursors of milk proteins in blood, review 53475

reaction of human blood with levan fractions from Bacillus subtilis causing precipitation of lipoproteins (Fr) 38696

reciprocal exchange between parabiosed albino rats 740

serotonin-activating property of blood of ment. defectives (It) 32113

simple method for obtaining venous blood from small inf. 43524

smears, cultures & animal inoculations of peripheral aspirates in diag. of tuberc. in child. 5723

smears in sex chromatin determ., comparison with vaginal smears (Sp) 7590

smears, variability of results in cell differentiation, determ. table (Dut) 52513

sparing eff. of blood from mice treated with endotoxin on certain murine virus dis. 52417

temperature in right & left heart, relation to pulm. ventilation & cardiac activity in rabbits (Cz) 21572

temperature in thigh vessels before & after knee warming by diathermy in dogs (Cz) 21371

tests with immovable venous cannula (Dan) 55106

vasoconstrictor action of pre-warmed blood perfused directly into kidney in dog (Fr) 26958

viral inhibitors in normal animal blood, review 45375

viscosity in dehydration states (Pol) 30790

viscosity in hypertension, eff. of reserpine (It) 8364

viscosity, relation to blood pressure (Fr) 9178

viscosity, relation to erythrocyte concentration, size & shape (Sp) 44591

vital staining of blood parasites with acridine orange 51000

*effect of drugs on*

analeptics, hypnotics & sedatives (Pol) 53189

carbutamide & tolbutamide, on blood crasis, in diabetics (It) 8363

carbutamide, tolbutamide, disulfiram & insulin on blood chem. in normal dogs (Ger) 1604

cocoa butter on blood chem. in rat (It) 21006

heparin on plasma clearing activity in rabbits (It) 1989

heparin sodium & cat gastric mucin prep., on optic density, comparison (It) 36815

heparin-treated plasma, eff. on synthetic glyceride emulsions (It) 1987

isoniazid on blood constitution in guinea pigs (It) 42631

nitrogen mustard depression of normal blood bactericidal activity 50602

procaine, eff. of single inject. on composition in dogs & rabbits (Rus) 13848

protamines in rabbits (Fr) 21297

trichlorethylene, absence of inj. eff. (Fr) 33203

*effect of radiations on*

exam. by isotopic technics 4320

gallium-72 in internal ther. doses 1773

radiother. on peripheral blood in cancer (Rus) 10837

x-ray on chem. in rabbits (Rus) 10804A

x-ray ther. of breast & uterus cancer, age factor (Ger) 46070

x-ray total body irradiation of mice (Bul) 32741

*BLOOD BANKS see* BLOOD, PRESERVED

*BLOOD-BRAIN BARRIER see* HEMATO-ENCEPHALIC BARRIER

BLOOD CELLS

*see also* BLOOD PLATELETS

*see also* BONE MARROW

*see also* ERYTHROCYTES

*see also* HEMAGGLUTINATION

*see also* LEUKOCYTES

cell count chambers, errors in count & interpretation related to cell chamber structure (Sp) 18347

changes during rest & after exertion (Fr) 180

chromosomal count in 5 long-term cell cultures derived from non-leukemic human peripheral blood 26455

Coulter-electronic blood cell counter 26283

count & distribution in peripheral blood smears 4887

count before & after splenectomy in schistosomal liver cirrhosis 4959

count, eff. of hypothermia in irradiated animals (Cz) 38253

count, eff. of methimazole ther. of hyperthyroidism (Ger) 22964

count in differ. diag. of intestinal obstruct. from gastric hemorrh. (Ger) 29405

count in duodenal & gastric hemorrh. (Pol) 20412

count in epidemic hemorrh. fever. (Rus) 45888

count, in hepatic fascioliasis, comparison with peritoneal fluid in cattle (Pol) 33712

count in intestinal obstruct. (Rus) 9897

count in myocardial infarct (Rus) 18293

count in stomach cancer (Rus) 33221

count in urine 34878

count, neural regulation, review (Ger) 30094

count, neurohumoral regulation in animals (Ger) 15775

count, technic with counting chamber with fluorescent-free grid under fluorescent microscope (Ger) 55613

cytochem. reactions, densitometric evaluation (It) 37522

cytopenia caused by drugs (Fr) 21278

Detroit strains of human epithelial-like cells from nonleukemic peripheral blood 25926

differential blood count in newborn (Ger) 46078

F cell factor in monkey 47135

F cell factor in normal & splenectomized rats 47136

Golgi appar. (Ger) 46118

Golgi body structure & develop., phase contrast microscopy 24113

in Testudo ibera, normal indices (Fr) 26821

morphol. & count in aged (Fr) 32185

nuclear appendices, demonstration in pigeons (Ger) 27442

packed cell volume in humans, influence of biochem. & hematol. factors 40103

phase-contrast microscopy (Cz) 2733

relation between emission into peripheral blood, survival & proliferation of hemopoietic cells (It) 27761

studging, differentiation from blood coagulation & thrombosis, mechanisms (Ger) 10345

*metabolism*

cholesterol & fatty acid synthesis from acetate in vitro 14617

endocytoplasmic form. of polysaccharides (Fr) 41143

ribonucleic acid in cells of peripheral blood of horses (Rus) 13854

BLOOD CIRCULATION

*see also* HEMATO-ENCEPHALIC BARRIER

*see also* HYPEREMIA

*see also* PLETHYSMOGRAPHY

*see also* PULSE

antenatal, perinatal & postnatal disord. causing cerebral damage in early life 50932

collateral circ., angiography 10096

collateral venous circ. of venae cavae & allied venae (Por) 35962

digital, review 46876

disord., diag., review (Ger) 38975

eff. of total body perfusion on using Gibbon-type pump-oxygenator 47329

hemodynamic compl. after anastomotic surg. in Fallot's tetralogy 2902

hemodynamics as means of assessing hemorrh. in dogs 25052

hemodynamics of camel 35823

in animals adapted to wds. (Cz) 38203

in fractured legs during cure, arteriography (Ger) 11422

ischemia test with oscillographic control in peripheral arterial dis. (It) 1512

method for slowing of systemic circ. in angiography, indic. & value (It) 29574

normal & pathol. pulm. circ. (Sp) 53959

overloading during & following blood transfusion, prev. with packed erythrocytes & atropine & morphine inject. 12363

peripheral, during & after cardiovasc. surg. (Ger) 29081

peripheral pooling of blood by venous occlusive tourniquets, inducing ventric. gallop rhythm 14038

pulm., morphopathol. (Sp) 37880

research, hist. (It) 44363

research in Gt. Brit. (Cz) 2743

time, eff. of Valsalva exper. 4680

*determination*

by multiple scintillation detectors placed over anterior chest wall 32691

capillary pressure determ. & heat conduction sound (Ger) 55481

capillary pressure determ. in musc. & skin (Ger) 55460

differential manometry in registration volume rate of blood flow (Rus) 48028

evaluation by dye inject. technic 32259

flow rate determ. by indicator-dilution method 14344

flow rate determ. in large vessels with thermistors (Ger) 18330

flow rate determ., source of error (Rus) 18307

fluorescence of skin of legs after fluorescein inject. in effort tests, diag. value in peripheral vasc. dis. (Fr) 43959

indicator technic & calculations 30651

measurement of hepatic blood flow, indirect method (Por) 53862

measurement of musc. reflex tonus by Hensel's heat conduction probe (Ger) 30506

measurement of peripheral vasodilation by digital plethysmography in clin. tests of hypermia & vasodilator drug eff. (Fr) 54335

monitoring appar. with automatic blood pressure recorder (Ger) 34185

peripheral, eff. of oscillometer test on histamine wheal test 43618

peripheral rheograms in normals & in pathol. cond. (Ger) 46006

peripheral rheovasography (Rus) 45882

Pitot-static method for computation of blood velocity & flow 35621

portal circ. time, determ. by Zerol's method & diag. value (Pol) 38105

portal circ. time, measurement by indicator dilution technics 40701

pulm. circ., analysis by indirect application of Fick's principle (It) 1864

radioisotope clearance in determ. of tissue blood flow, model exper. (Ger) 27855

rate, bloodless oxyhemometric method (Rus) 15768

rate measurement in puerperium (Hun) 51425

recording of various circ. processes by ultra-low frequency ballistocardiographic systems 24345

selective quantitative radiocardiography, technic & diag. value 32692

total & peripheral determ., clin. application (Cz) 26549

venous pulm. circ., oxyhemometric method (Rus) 18306

x-ray technic for qualitative & quantitative study 14973

***effect of drugs on***

acetylcholine on pulm. & systemic circ. in mitral dis. patients after inject. into pulm. artery 48140

alkaline & alkaline-earth ions applied in monocationic solutions in pulm. cavity on pulm. circ. in frogs (Fr) 26872

anesthetics 17677

angiotonin & serotonin in dogs (Fr) 38769

angiotonin II, synthetic (Ger) 41756

angiotonin II, synthetic, in humans (Ger) 18321

arterenol & epinephrine on peripheral circ. after admin. of 2-(diethylaminomethyl)-1, 4-benzodioxan, comparison in dogs (Fr) 26870

arterenol & epinephrine, review 448

arterenol on venous return during extracorporeal circ. 22014

depressor activity of substances formed in blood (Ger) 13634

diatrizoate sodium & methylglucamine salts in cerebral angiography, comparison with other contrast media (Ger) 55752

2-diethylaminoethyl 2-phenylbutyrate (Ger) 36956

1, 4-dihydrazinophthalazine in dogs (Ger) 13356

1, 1-dimethyl-4-phenylpiperazinium & tetramethylammonium, comparison 5739

epinephrine (Tur) 45447

ganglionic blocking agents on pulm. hemodynamics in mitral stenosis 41834

hydroxydione succinate, in introductory phase of anesth. (Ger) 12883

hypotensive drugs, hemodynamic eff. on heart, kidney & cerebral circ. 9792

mepazine on central & peripheral circ. in cross-circ. exper. in dogs (Hun) 41631

1-phenyl-2-pyrrolidinyl-pentane (Ger) 1587

procaine, inject. into cerebral ventricles of dog following spinal anesthesia (Fr) 9014

reserpine on circ. during cond. & uncond. nutritional reflexes in dogs (Ger) 1439

1, 1, 1-trifluoro-2-bromo-2-chloroethane anesth. (Fr) 54154

1, 1, 1-trifluoro-2-bromo-2-chloroethane on circ. dynamics 48162

trimethaphan on dogs (Fr) 33933

vasomotor drugs, comparative actions on peripheral circ. (Ger) 46793

***effect of radiations on***

peripheral, total body, with & without exper. splenectomy (Ger) 39413

***in aged***

peripheral circ., plethysmographic study (It) 36759

***in pregnancy***

12384

circ. time (Ger) 15392

***in various diseases***

anoxia (Cz) 26544

arteriosclerosis, hemodynamic factors in etiol. (Fr) 9205

auric. septal defect, correlation with ECG (Sp) 25673

brain neoplasms, importance in surg. (Ger) 45985

bronchopulm. dis. caused by abnorm. (It) 1537

burns, eff. on circ. time (Pol) 43634

chronic lung suppurations, hemodynamic changes during surg. (Rus) 54552

congestive heart failure, hemodynamic changes, review (Cz) 26542

endocarditis (Rus) 10933

exper. venous hypertension, renal & systemic hemodynamics (It) 27439

gyn. dis. with chronic hemorrh., eff. of hemoglobin levels of blood transfusion (Ger) 18940

hemodynamic changes in peptic ulcer (Rus) 33893

hemodynamic reactions to phys. stress in silicosis (Rus) 33256

hemodynamics of lesser circ. in pulm. emphysema, angiocardiography & cardiac catheterization (Por) 8788

hypertension, general & renal diurnal changes (Cz) 26513

hyperthyroidism & myocardial infarct relation to blood coagulation (Ger) 27183

mitral stenosis, postop. pulm. hemodynamics (Fr) 21317

myocardial infarct, hemodynamics (Ger) 13350

obesity (Ger) 15357

peripheral blood flow in hyperthyroidism, plethysmography in radioiodine-treated subjects (It) 1515

peripheral, in hypertrophic pulm. osteoarthropathy 8488

pulm. circ. in septal defects (It) 7743

pulm. emphysema, eff. of aminophylline on pulm. hemodynamics 7000

pulm. heart dis., chronic, quantitative & funct. tests of arterial bronchial & pulm. anastomotic circ., review (It) 15247

pulm. hemodynamics in mitral valve dis., comparison with pulm. funct. test & x-ray data, review (Fr) 9086

pulm. stenosis with intact ventric. septum (Rum) 43995

pulm. tuberc. in pregn. (Ger) 38924

rate in pulm. tuberc. (Rus) 31207

vasc. dis. of extremities, evaluation by dye inject. (Rus) 45667

***physiology***

carotid sinus baroceptor & chemoceptor reflexes in monkeys 2916

circ. changes in cats after rapid withdrawal of large volumes of blood (Ger) 23012

collateral, mechanisms of develop. in humans & dogs 54677

continuous control during anesth., methods (Ger) 35950

eff of acute central vasc. engorgement in normal subjects 49187

eff. of acute compression of aorta in cats & dogs (Por) 3702

eff. of anemia 4957

eff. of blood gases (Fr) 3302

eff. of cross circ. in rabbits on intraocular pressure 34918

eff. of depth of hypothermic anesth. on circ. reactions in dogs (Ger) 30491

eff. of erythrocyte aggregation (Sw) 43203

eff. of exper. ischemia on neuromusc. appar. of intact rabbits (Rus) 13852

eff. of exper. pooling of blood in lower limbs on right heart blood temperature in man 44896

eff. of external stimuli in paraplegic patients 13008

eff. of hypertension in stress conditions, review (Ger) 13353

eff. of hypothermia in dogs (Pol) 30770

eff. of increased pulm. alveolar carbon dioxide pressure on flow strength in greater & lesser circ. in cats (Ger) 11251

eff. of induced circ. arrest in hypothermic dogs (Por) 44450

eff. of induced circ. arrest on ECG in hypothermic dogs (Por) 44451

eff. of intra-arterial & intravenous infusions in hemorrh. shock in dogs (Ger) 11205

eff. of intravenous nitrogen & oxygen insufflation in cats & guinea pigs (Ger) 46573

eff. of isolated changes of brain temperature in dogs (Ger) 30576

eff. of lethal inject. of E. coli endotoxin on peripheral resist. & blood pooling in eviscerated dogs 35802

eff. of ligation of pulm. & cutaneous arteries on survival of frogs & possibility of reestablishment of circ. after arrest (Fr) 48891

eff. of occlusion of coronary venous sinus, concept of coronary reflex (Sp) 1554

eff. of open pneumothorax on neurohumoral regulation in animals (Rus) 7804

eff. of rapid drop in blood carbon dioxide level in dogs with acute hypercapnia (Fr) 3087

eff. of unilateral disequilibrium 492

eff. of venous infusion of gaseous carbon dioxide into dogs 46380

eff. of vertical position of patients confined to bed on resp. & blood circ. (Pol) 38460

exchange transfusion as method for study of regeneration processes (Ger) 23594

hemodilution & temperature change after inject. of cold plasma in dog extremity (Ger) 53085

hemodynamics in hemorrh. shock, eff. of chlorpromazine in dogs 54688

in epinephrine-induced pulm. edema in rats, histopathol. 5679

in newborn 55070

influence of spiral-shaped arteries (It) 25544

interval between onset of inspiration & resp. increase of circ. flux (It) 49581

local regulation of peripheral circ. during musc. work, review (Fr) 177

peripheral, eff. of high fat diet in essential hyperlipemia 35728

peripheral, eff. of smoking on pulse wave frequency (Ger) 36489

peripheral improvement after surg. for coronary dis. 35639

peripheral, regulation mechanisms, role of metabolic carbon dioxide & pH of venous blood (Fr) 26928

peripheral, relation to blood pressure rhythm (Ger) 30518

portal, physiopathol. (It) 29612

post-ischemic insuff. & recovery of surviving cells & organs, exper. study (Ger) 54926

pulm. circ. in patients with one lung excluded from hematosis, relation between oxygen content of arterial blood & systemic blood (Sp) 31016

pulm. circ., relation to bronchopulm. vasomotor action & air volume in dog (Fr) 5768

pulm., control in normal man, review (Fr) 9029

pulm., eff. of exper. hypoxia in dogs 46868

pulm., eff. of pneumothorax & vagotomy in dogs 48731

pulm., eff. of severe unilateral hypoxia on partition of blood flow 5893

pulm., regulation mechanism in oxygen defic. of a lobe in animals (Ger) 7081

pulm., regulation, review (It) 44364

quantitative determ. in various dis., technic & applications (It) 42485

reactive hyperemia test in healthy young & old subjects (It) 36761

relation of circ. rate to structure of vasc. wall & capillary permeability (Ger) 2436

relation to aldosterone secretion, application to etiol. of congestive heart failure, review (Cz) 38125

resuscitation after exper. interruption of circ. (Ger) 54935

reversible cessation in exper. deep hypothermia in rats 16822

simultaneous measurement of filling pressure of both ventricles in natural blood circ. in dogs (Ger) 6068

stretch reflexes from dog's lung to systemic circulation 48727

turbulence of blood flow, study in glass models 53701

venous regulation 19282

## BLOOD COAGULATION

***see also*** **BLOOD PLATELETS**

***see also*** **FIBRIN**

***see also*** **FIBRINOGEN**

***see also*** **HEMORRHAGIC DIATHESIS**

***see also*** **PROTHROMBIN**

***see also*** **PROTHROMBIN TIME**

***see also*** **THROMBIN**

***see also*** **THROMBOPLASTIN**

***see also*** **THROMBOSIS**

antihemophilic globulin, diag. & ther. use in hemophilia (It) 44808

antihemophilic globulin, relation to Bridge anticoagulant 2070

biol., chem. & phys. methods for prev. of blood clotting 27982

bleeding time in dogs with heart-lung by-pass circ. 12562

blood clot, local application in ther. of tuberc. fistulas (Hun) 45472

bound coagulase of Micrococcus pyogenes aureus 50340

calcium time test (Pol) 30904

Christmas factor & factor VII, eff. of phenindione admin. on blood levels 16824

Christmas factor, one-stage assay method & eff. of phenindione ther. on concentration 32217

clot retraction cofactor, properties & funct. (Ger) 10341

clot retraction, eff. of antihistaminics (Fr) 13452

clot retraction, eff. of temperature (It) 3886

clot retraction, histol. & hypothesis on mechanism of retraction (Ger) 10359

clot retraction in labor & puerperium (Cz) 14831



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

clot retraction inhibitor with thrombocytopenia & circulating platelet agglutinin & platelet lysin in cancer patient 48056

clot retraction, measurement by retractiogram (Ger) 41761

clot retraction mechanism, relation to changes of thrombocytes & fibrin coagulum during course of coagulation, electron microscopy (Ger) 53072

clotting deviations in open heart surg. with hypothermia 41456

clotting factors in various ethnic groups in Israel (Heb) 27772

clotting process masking fibrinolytic activity in whole blood 38613

clotting time determ. by kaolin method 4886

clotting time in silicone-treated tubes 16847

clotting time in thrombopenic patients, measurement in glass tubes & in siliconized tubes (It) 32108

coagulase activity of micrococci, correlation with desoxyribonuclease activity 6515

coagulase & fibrinolytic tests using standardized lyophilized human plasma 41036

coagulases in Micrococcus pyogenes, review (Pol) 53205

coagulating principles of plant Ceanothus americanus 16727

coagulation activity of stored blood at +4°C (Ser) 25721

coagulation factor in cantharides blister fluid (Ger) 27189

coagulation properties of erythrocyte hemolysates (Fr) 10343

differentiation from blood-sludge phenomenon & thrombosis (Ger) 10345

electrophoresis of various coagulation factors (Ger) 10325

factor V & factor VII forming complexes with euglobulin causing interference with clotting mechanism 1148

factor VII activation by asbestos in bovine blood 2547

factor VII synthesis in RE system, exper. & review 32257

factor VII synthesis, role of bone marrow 229

factors in arteriosclerosis, diag. value (Pol) 8070

factors in erythrocyte hemolysates, eff. on normal & on hemophilic plasma after platelet removal & after platelet addition (It) 37356

factors in erythrocyte hemolysates, prep. & analysis (It) 37355

Hageman factor in plasma foreign surface reactions 19653

Hageman factor in surface activation phenomena 31346

heparin test of coagulability (Fr) 54312

hypercoagulation disord. in pathogen. of coronary dis. (Ger) 46036

hypercoagulation disord. in pathogen. of thrombosis, review (Rus) 41645

in heart surg. with hypothermia & extracorporeal circ. (Ger) 41754

in parachutists (It) 37488

in surg. dis. (Rus) 41510

increased tendency in lipemia, eff. of choline (Ger) 6076

inhibitors occurring naturally (Ger) 11922

initiation by contact of plasma with glass, mechanism & relation to release of plasma kinin 28613

intravasc. clotting with subsequent hemorrhagic states, induction in dog & pathogen. mechanisms 33462

intravasc. coagulation in occluded veins of dogs, method of exper. prod. & study by radio-opaque medium 34409

of arteriosclerotic sera, nonprotein nitrogen levels (Pol) 8102

physiol. & pathol., review 10330

10351

physiol. & pathol., review 22232

physiol. & physicopathol. (Sp) 21213

physiol. anticoagulating system, existence & significance 7182

plasma factors interfering with platelet adhesiveness & agglutinability (It) 27766

platelet factor 1 & platelet fibrinogen, relation to plasma 16823

precipitable factor from erythrocyte hemolysates, eff. on normal & on hemophilic plasma after platelet removal & after platelet addition (It) 37357

preop. routine tests of bleeding & clotting times, inadequacies 30124

prep. of human plasma fraction rich in prothrombin, proconvertin, Stuart factor & PTC & study of its activity & tox. in rabbits & man 50737

prep. of labile factor defic. plasma 10339

prephase accelerator, a new clotting factor (Ger) 21645

protein factors in man, analysis by continuous flow electrophoresis 4863

Prower factor, electrophoresis 2072

recalcification time in vitro, eff. of addition of dairy products & influence of phospholipid content 32232

recent advances with regard to anticoagulant ther., fibrinogen, hemophilia & platelet disord. 39929

reflex eff. of horse serum inject. into carotid sinus perfusate in dogs (Rus) 13840

secondary bleeding time in differentiation of hemorrh. dia. 35187

staphylocoagulase, prep. of pure prep. (Pol) 29511

staphylocoagulase, purification 13710

Stuart factor, properties & pediatric importance (It) 30305

Stuart-Prower factor assay, clin. significance 10353

Stuart-Prower factor in factor VII complex, physicochem. properties 10324

symposium (Ger) 10363

tests in prev. of thromboembolism (Ger) 38419

thromboelastography (Fr) 53556

thromboelastography (It) 8056

thromboelastography, eff. of anti-platelet immune serum (It) 43625

thromboelastography, eff. of transfusions in recipients & relation to transfusion reactions (It) 44810

thromboelastography in heparin tolerance test (Ger) 34028

thromboelastography in surg. patients (Fr) 16997

***effect of drugs on***

***see also*** ANTICOAGULANTS

acenocoumarol & other coumarin deriv. & phenindione on Christmas factor 10323

acetyldigitoxin, hemodynamic eff. in mitral patients (It) 48990

6-aminocaproic acid reversal of lysis of blood clots induced by streptokinase in rabbits 34962

antibiotics on response to anticoagulant ther. (Ger) 39852

antibiotics, singly & combined, in various dis., comparative clin. study & review (It) 14520

antihistaminics & tranquilizing agents on conversion of fibrinogen to fibrin 14602

calcium-binding by glutamyl peptide in clotting mechanism 46800

coumarin & anticoagulant indandiones on factors V & VII (It) 6790

di- & tricarboxylic acids on human blood in vitro 31344

digitalis, lanatoside C & strophanthin in normal subjects & in compensated & decompensated heart dis. (It) 39854

edathamil disodium, potassium oxalate & sodium citrate in vitro 35651

fats, relation to arteriosclerosis, review (Ger) 18319

fats, review 14186

glucose on clotting time in dogs after feeding of peanut oil 15007

histamine-liberators & heparin, modifying eff. of trypsin & phenylbutazone (Fr) 26796

5-hydroxytryptophan, 1-benzyl-2,5-dimethylserotonin, 1-benzyl-2,5-dimethylbufotenin & serotonin on clot retraction (Ger) 10358

isoniazid, PAS & streptomycin in tuberc. ther. (It) 32095

long-acting heparin prep. (It) 8359

lysozyme, in dogs & rabbits (It) 37520

lysozyme on coagulation factors in epistaxis (It) 37313

oleandomycin (Ger) 19420

phenylbutazone in thrombophlebitis ther. (Ger) 12087

3-(1-phenylpropyl)-4-hydroxycoumarin on factor VII (Ger) 10361

potassium glycyrrhizinate, in rabbits (Ger) 34006

salicylates (Rus) 32557

serotonin, on bleeding time in guinea pigs, admin., local (Fr) 48871

serotonin on clot retraction & thrombelastography 10357

strophanthin, heparin test (Rus) 3562

sympatholytics & parasympatholytics (Ger) 27186

total body on prothrombin & factors V & VII, in rats (Ger) 32653

tannin (Ger) 36940

venom of viper Bothrops jararaca, blood clotting activity 52394

***effect of radiations on***

low dos. x-irradiation of sternal region on coagulation in man (It) 6950

x-rays in vitro 23582

***in infant and child***

in newborn, thromboelastography (Fr) 30454

in premature inf. in neonatal period (It) 29734

study methods in small inf. 4884

***in pregnancy***

(Ger) 46078

coagulability during labor (Pol) 27592

fibrinolytic factors during normal pregn. & labor, fibrin plate method of study (It) 53687

in labor (Ger) 25199

prothrombin, proconvertin & fibrinogen levels at various stages of pregn. & in umbilical blood at term 52826

thromboelastography during labor in normal pregn. women (Fr) 44633

***in various diseases***

arteriosclerosis 14666

arteriosclerosis, relation to form. of arterial atheroma (Fr) 44987

atherosclerosis, correlation of coagulation factors with blood lipids (It) 6879

cancer (It) 8357

cancer, coagulative properties of cancer tissue 16396

chronic obliterating arteriopathy of extremities (It) 3877

coronary dis., etiol. & interracial factors in So. Africa 9830

diabetes mellitus, thromboelastography (It) 44161

factor VII, prothrombin & Stuart factor depression in vitamin K defic., chem. & metab. relation of factors 11617

heart dis., thromboelastography (Fr) 53401

hemophilia, lack of antibodies to clotting factors in hemophiliacs refractory to transfusion 16334

hyperthyroidism & myocardial infarct, relation to blood circ. (Ger) 27183

influenza (Rus) 45211

leukemia (Ger) 34130

leukemia, myeloid, thromboelastography (Fr) 32192

leukemia of various types (It) 3859

liver cirrhosis with hepatic insuff. diag. value (Rus) 33227

liver dis., acute & chronic (Ger) 27196

thermal coagulation in cancer (Rus) 54565

thrombocytopenia 10341

thromboelastography in diag. of cardiovasc. dis. (Fr) 35805

thromboplastic activity of plasma in paroxysmal nocturnal hemoglobinuria 36031

***physiology***

amino acid & peptide products of coagulation 1376

changes during menstrual cycle (Ger) 47639

coagulation as continuous process during hemorrh. 10544

coagulation components & mechanism of coagulation (Fin) 27276

correlation with blood lipids in population groups with different fat intake 25723

during & after phys. work (Ger) 28048

eff. of aging (Fr) 32201

eff. of anesth. (Ger) 46019

eff. of antigen-antibody interactions 40809

eff. of blood lipoproteins in aborigenes & Australians 52330

eff. of decrease in circulating blood volume in human volunteers (Ger) 27182

eff. of dietary fats, review 30143

eff. of dietary lipemia on blood coagulation in arteriosclerotic & non-arteriosclerotic patients 14707

eff. of electric current on in vitro coagulation, relation to develop. of thrombosis in inj. (Hun) 41614

eff. of electroshock ther. (It) 18035

eff. of explosive decompression on coagulation time & prothrombin time in rabbits (It) 9387

eff. of fibrinogen concentration on susceptibility of clots to in vitro clot lysis with fibrinolysin 22225

eff. of hypervitaminosis A in rat 20920

eff. of increased blood volume by transfusion (Ger) 33973

eff. of intravenous admin. of thromboplastin intermediates on coagulation in rats 12496

eff. of lipid load in rabbits (It) 9328

eff. of phospholipids 24401

eff. of repeated bleeding on blood clotting & fibrinogen levels in rabbits (Ger) 23602

eff. of transfusions & repeated bleedings (It) 39761

eff. of transfusion of citrated blood (It) 27627

eff. of various fat prep. of various phospholipid content 25423

eff. of vasodilation (Fr; Ger) 24767

eff. on capillary permeability in rats, review & exper. (Ger) 10360

exper. study on isolated hind limb of dog, technic 16817

factors & mechanism of coagulation (It) 32105

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

increased coagulability following ingestion of fat, comparative eff. of animal & vegetable fats 10349

lipoid activators of blood coagulation (Ger) 10337

lipoid activators of blood coagulation, comparison with synthetic cephalins & spingosines (Ger) 10335

mechanisms, new concepts, relation to diag. & ther. of hemorrhagic dis. 5451

regulatory processes (Ger) 23632

relation to arteriosclerosis (Ger) 42253

relation to blood lipids in population groups with different fat intake 25722

research, contribution of Luigi Sabbatani 9604

review (Ger) 9954

role of phosphatidyl serine in vitro 19627

thromboplastic activity of blood after defibrination with thrombin (Cs) 2731

## BLOOD DERIVATIVES

*see also* BLOOD SERUM

*see also* PLASMA SUBSTITUTES

*see also* SERUM ALBUMIN

*see also* SERUM GLOBULIN

preserv. by refrigeration (Cs) 48614

***therapeutic use***

trichinosis (Pol) 33694

## BLOOD DISEASES

*see also* AGAMMAGLOBULINEMIA

*see also* AGRANULOCYTOSIS

*see also* ANEMIA

*see also* HEMORRHAGIC DIATHESIS

*see also* LEUKEMIA

*see also* POLYCYTHEMIA

classif. & ther. (Rus) 9888

disability evaluation & progn. 10442

immune hemopathies (Rus) 8256

malignant, develop. (Sp) 53339

malignant, frequency of urinary changes of azotemia in (It) 27761

parasitic, in birds (Pol) 33780

review 18679

review (Ger) 42935

***blood in***

complement in dis. caused by autoimmunol. (Ger) 34146

copper & iron content, comparison with normal humans (Rus) 44018

hemoglobin solubility curve, variations (It) 48113

manganese in various blood fractions (It) 38769

non-hemoglobinic iron in erythrocytes, determ. (Fr) 9011

proteins, electrophoresis (Sp) 31814

sulfhydryl cpds. in malignant blood dis. (It) 55088

***complications***

pneumonia, course (Rus) 6042

rheum. in malignant & other blood dis. (Sp) 21193

***diagnosis***

radioisotopes 30193, 43729

***etiology and pathogenesis***

benzene (It) 21422

dyscrasias, caused by phenothiazine deriv. 775

pois. by aromatic hydrocarbons, review (It) 44345

sulfhemoglobinemia caused by acetophenetidin prep., case report (Pol) 39727

sulfhemoglobinemia caused by chloronitrobenzene pois., determ. of free erythrocytic porphyrins, coproporphyrinuria & sideremia (It) 42219

x-ray exposure (Fr) 38231

***experimental***

benzene-induced, eff. of ACTH & cortisone in rats (It) 25648

hematol. disord. in rabbits after inject. of homologous serum (Fr) 38750

***in infant and child***

acute malignant congen., review & case reports (Fr) 30456

auto-immunol. synd., alone & with agranulocytosis, hemolytic anemia, purpura & thrombopenia (It) 6943

***manifestations***

eye (Rus) 22558

***metabolism***

iron transport & hemoglobin synthesis in various blood dis. (It) 37326

***pathology***

bone changes, biophys. aspects 502

gastrointestinal localizations of malignant blood dis., review (Fr) 54305

***surgery***

splenectomy (Rus) 41524

***therapy***

N, N-bis(2-chloroethyl)-N'O-propylene-phosphorodiamidic acid (Ger) 33832

chemother. in malignant blood dis. (Sp) 53337

prednisone, large doses 7463

radiophosphorus (Fr) 21360

review 20567

x-ray ther. of malignant dis. (Fr) 38779

## BLOOD GROUPS

*see also* PATERNITY

*see also* RH FACTORS

A & B antigens in human amniotic fluid & cells of fetal urinary & vaginal exfoliations (Fr) 26711

AB group erythrocyte survival in group A recipient 33662

ABH substance, relation to secretor gene & Lewis system 10964

ABO & AB groups in Punjab 40094

ABO & MNS group distribution in Greece 10954

ABO & Rh incompatibility, diag. 38577

ABO distribution in cancer of various organs 42137

ABO gene frequency in Berlin determined by maximum likelihood method from forensic blood group determ. statist. (Ger) 1788

ABO, glycolipid globoside of erythrocytes, purification & type-specific activity (Fr) 48930

ABO group distribution in France (Fr) 8237

ABO groups in Cypriots 14203

ABO groups in Sicilians (It) 44814

ABO incompatibility causing fetal erythroblastosis (It) 21424

ABO incompatibility, diag. 38577

ABO incompatibility in blood transfusions (Fr) 26968

ABO incompatibility in etiol. of fetal erythroblastosis (Ger) 34135

ABO incompatibility in newborn, ther., exchange transfusion, determ. of blood regen. by differential agglut. methods (Fr) 45009

animal blood groups in relation to human blood groups 11930

anti-A isohemagglutinins in group O (Fr) 21296

anti-A isohemagglutinins, natural & immunization-induced (Fr) 21295

anti-A & anti-B immune isoantibodies in group O subjects (It) 32110

anti-Fy$^a$ causing hemolytic reaction in blood transfusion 50054

anti-k serum with properties of complete saline agglutinin 55350

anti-P agglutinin, case report 27993

anti-S serum associated with MNSs groups in Australia 18733

antigens, determ. in dry bloodstains (Fr) 55344

antigens, determ. in leukocytes, method 36993

antigens in pigs other than A-O system 50473

AP antigen, identification by Witebsky's partial neutralization test in human & animal erythrocytes 2067

Ax, rare group, serol. & family study 35660

Be$^b$ factor, immunol. 55348

blood group-like substances in Enterobacteriaceae (Ger) 48071

corneal donor selection by blood type 93

Cw, distribution in Sardi, Italy (It) 37494

distribution among Spanish armed forces, typing & statist. (Sp) 51628

distribution in Natal population, racial distribution 33293

eff. of adsorbed purified blood group substances on human erythrocytes 20738

eff. of 3-sulfo-isonicotinic acid dineodymium (Ger) 13083

Forssman factor distribution in various species of Artiodactyla 17403

genetic study in Sweden 23723

Gm serum group inheritance 23725

group-specific mucopolysaccharides, degradation by ficin & papain 19461

group-specificity & antigenic properties of leukocytes (Rus) 8264

hemagglutinins in uterine cervical secretions in relation to blood groups 9582

immunol. importance in tissue transpl., review (It) 21013

in aged, relation to immun. (Fr) 32200

in Australian aboriginal child. of Cape York Peninsula, genetic survey 732

in Cyprus & Near East 14211

in Eti-Turks & southern Turks 14202

in Italian military personnel, regional variations (It) 19230

incompatibility in pregn., bilirubin level of umbilical cord-blood in (Ger) 33956

incomplete antibodies, eff. of heparin & protamine (Ger) 23008

inhib. of anti-Rh & anti-Lutheran sera by ribonucleic acid deriv. 55346

iso-antigenic incompatibility in blood transfusion in dogs (Rus) 8263

iso-immun. after transfusion causing habitual abortion (Sp) 42210

isoimmun. in pregn., role of normal & acquired antibodies in cases of anti-A & anti-B immun. (Ger) 22999

Kell antigen frequency in people of So. Sweden 23936

maternal-fetal blood types in cattle, comparison 10498

Mia & Vw group antigens, relation to MNSs system 542

minimal cond. for blood typing (Fr) 31903

MNSs blood group system & Vr antigen 10965

nomenclature problems 21679

of mummies 14219

P substance antigenicity in echinococcus cyst fluid coated on to tanned erythrocytes 55349

plant anti-N agglutinins, reactions with erythrocytes treated with papain & trypsin 24855

polymorphous substances (Pol) 23584

relation of blood group active plant substances to human blood groups 11920

relation of donor-recipient blood type incompatibility to incidence of success in corneal transpl. 47023

relation to blood transfusion 38054

simultaneous isoimmun. in ABO & Rh systems, case reports (Ger) 27454

substances, isolation, properties & ther. use (Ger) 49061

test for determ. of parentage in cattle using two polyvalent sera 19679

U antibodies, demonstration by blocking test 13738

usefulness of Ulex europaeus agglutinin in large-scale blood group study 55352

variant A3B group (It) 33186

weak A group Am detection in a patient (Ger) 48070

***determination***

ABO & Rh(D) determ. for transfusions, technic 6497

ABO & Rh groups in fetus in utero, technic (Fr) 53990

new plates for determ. (Rus) 20175

post-transfusional compatibility tests, indic. & technics (Fr) 21329

pre-transfusion, compl. by poly-agglutinable erythrocytes (Cs) 2732

typing & compatibility tests in blood transfusions 2552

typing for prev. of erythroblastosis & transfusion reactions & for medicolegal identification, responsibility of pub. (Sp) 51631

typing of skeletal material of prehistoric Amer. Indians, method for reducing non-specific reactions 725

typing tests, prep. (Fr) 31902

use of lyophilized formol-treated erythrocytes in blood group serol. 19597

***in various diseases***

ABO group & Rh factor in pregn. toxemias (Ger) 3739

ABO group relation to breast carcinoma 14750

ABO group relation to leukemia 543

ABO, relation to peptic ulcer, epidemiol. study in Shanghai 2867

ABO, relation to stomach cancer 4830

distribution in psoriasis 11555

peptic ulcer & cancer of stomach (Ger) 55736

relation to cancer incidence (Ger) 32643

relation to dis. susceptibility, review (It) 21012

relation to leukemia 33664

***BLOOD PLASMA*** *see* PLASMA

## BLOOD PLATELETS

abnorm., indic. for platelet transfusions 39931

acquired thrombocytopathy in uremia 35652

adhesiveness & agglutinability, influence of plasma factors (It) 27766

adhesiveness, count & thromboplastin activity in liver dis. (It) 3860

adhesiveness to foreign surfaces (Fr) 10326

agglut. in vitro, eff. of large & small doses of heparin (It) 27753

antigens determ., immuno-electrophoresis of human, bovine, sheep, horse & pig platelets (Fr) 10356

antigens, immuno-electrophoresis (Fr) 21846

antiplatelet immun. induced by repeated inject. of same blood (Fr) 54303

anti-platelet immune serum, eff. on blood coagulation in vitro, thromboelastography (It) 43625

antiplatelet serum from rabbits, eff. on blood proteins after inject. into guinea pigs (It) 1942

antithrombocytic antibodies, determ. & eff. of blood coagulation factors on results (Ger) 10956

as source of acid nitrophenyl-phosphatase 50462

auto-antibodies against platelets in sharks of serum from thrombopenic purpura patients, properties & eff. on rabbits (Ger) 40132

binding & transport of serotonin, eff. of reserpine in rabbits 12573

count, determ. of ovulation in rabbits (Sp) 33469

count, eff. of gonadectomy, hypophysectomy or thyroidectomy in rats 20733

count, eff. of iproniazid & metabolites of serotonin & epinephrine (Ger) 21856

count in cadavers, value in determ. of time of death (It) 6923

D, C, c, $C^{W}$ & E antigens in human blood platelets (Fr) 26947

distribution of radiophosphorus-labeled platelets after inject. into rats (It) 36724

electrophoresis, eff. of dextran 50463

form., immediate & delayed eff. of splenectomy (It) 53783

form., study in megakaryocyte cultures in vitro (Rus) 44016

funct. activity after preserv. for different periods (It) 36726

in preserved blood, eff. of container surface & various preserv. methods on platelet survival (It) 1504

inhib. eff. on fibrinolysis in blood of thrombocythemic patients 54434

inhb. of lipoprotein lipase by various human platelet prep. 17594

labeling in vitro of human platelets with radiogold (Fr) 26748

labeling with radiophosphorus, influence of incubation in various media (It) 36738

measurement of retraction of blood coagulum as indic. of count & normal funct. of platelets, new simple method (Hun) 43449

megakaryocyte count in lungs of rabbits after exper. stimulation 140

megakaryocyte funct. stain, evaluation in classif. of thrombopenic purpuras (Rus) 44015

megakaryocytes, possible etiol. role of increased number in lungs in postop. thromboembolism 50206

microphotography in blood circ. (Ger) 41767

morphol. exam. with erythrocyte count (Dan) 45500

platelet-erythrocyte values, relation to thrombocytosedimentation rate (It) 27760

platelet-rich transfusions of blood in thrombopenia, platelet survival & thrombocytopoietic eff. of transfusion (It) 44811

relation to immobilisation & agglutination of microorganisms (Fr) 9177

sedimentation rate in normal patients & in thrombotic cond., diag. value (It) 27754

separation from blood cell mixture after centrifugation, technic (Fr) 10957

storage using glycerol preservation technic at low temperature 1236

survival after transfusion into normal recipients 4855

thrombocyte count in eczema caused by Micrococcus pyogenes infect. after admin. of micrococcal anatoxin (Hun) 37336

thrombocythemia, essential, with hemorrh. & thrombosis (Fr) 54304

thrombocythemia, neurol. compl. (Fr) 44747

thrombocythemia, primary hemorrh., hemostatic funct. in 20711

thrombocythemia with polyneuritis & gangrene of fingers, ther., radiophosphorus, case report (Fr) 44748

thrombocythemia with pulm. intra-alveolar coagulum, clin. & postmortem pathol. 1783

thrombocythemic human serum inducing thrombocytosis in mice, possible existence of human thrombopoietin 23745

thrombopathic hemorrh., hemostatic eff. of transfusions of concentrated dried plasma (Fr) 54306

thrombopathy, familial (Ger) 27184

thrombopathy, familial, with familial hemophilia (Det) 7321

thrombopathy secondary to scurvy, case report 3075

thrombopathy with telangiectasis, case report (It) 39767

thrombopenia after extracorporeal circ. with modified heart-lung appar. in dogs, with severe antihemophilic factor defic. 22221

thrombopenia & anti-platelet immunol. factors in menometrorrhagia, case reports (It) 42569

thrombopenia & thrombopathic synd. in child., thromboplastin & anti-heparin funct. of platelets (It) 43469

thrombopenia, blood coagulation mechanism in 10341

thrombopenia caused by chlorothiazide 36113

thrombopenia caused by circulating platelet-agglutinin with jaundice & infect. mononucleosis, corticone ther., case report 18443

thrombopenia caused by repeated blood transfusions, develop. of anticoagulant factors labile to contact (It) 20817

thrombopenia, clotting time measurement in glass tubes & in siliconed tubes (It) 32100

thrombopenia, eff. of splenectomy on platelet count & capillary permeability (Pol) 43645

thrombopenia, eff. on capillary permeability in rats, review & exper. (Ger) 10360

thrombopenia, exper. prod. in dogs by inject. of rabbit antiplatelet serum (It) 1941

thrombopenia in case of multiple hemangiomata, pathogen. 37327

thrombopenia in child., ther., blood transfusions performed with siliconized equip. (It) 8052

thrombopenias in newborn, classif. (Fr) 21749

thrombopenia in newborn inf., etio-pathogen. & case reports (It) 27769

thrombopenia induced by dextran transfusions (It) 44812

thrombopenia induced by hypothermia, eff. of heparin in dogs 54687

thrombopenia, induction in dog by rabbit anti-dog platelet serum 48377

thrombopenia, role of spleen (It) 31669

thrombopenia with circulating platelet agglutinin, platelet lysin & clot retraction inhibitor in cancer patient 48058

thrombopenia with menometrorrhagia, case report (Fr) 15183

thrombopenic factor in blood of patients with idiopathic thrombopenic purpura (It) 36766

thrombopoietin in human thrombocythemic blood 48603

transfusion of platelets & platelet substitutes 13877

unspecific clumping & platelet antigens & antibodies, review 33358

***effect of drugs on***

alkylsulfonates on count in rats (It) 1926

heparin on platelet survival & count in vitro 24405

immunothrombopenia induced by novobiocin 12312

suspensions of synthetic amorphous silica, water-soluble starch & titanium dioxide after intravenous inject. in rats 46610

***in various diseases***

cardiovasc. defects, congen. (Fr) 9007

***metabolism***

arterenol & epinephrine activity & distribution 13693

arterenol & epinephrine uptake by pig platelets in vitro 48229

cholinesterase in exper. berghei malaria in mice, eff. of splenectomy (Fr) 36857

glutamic-pyruvic transaminase activity of human platelets 31291

glycogen content in man, determ. method & eff. of repeated phlebotomies 37336

lipoproteins, electrophoretic fractionation (Ger) 46605

mucopolysaccharides in rats, chem. 44147

platelet phospholipids, separation, identification & clotting activity 40700

***physiology***

adsorption of isoagglutinins of ABO system by suspension of intact, lyophylized & trypsinated platelets & their stroma (It) 1506

antiglobulin consumption in idiopathic pancytopenias (Fr) 10960

antiheparin activity of thrombocytes from brain extracts (Ger) 10338

changes in number of blood platelets in rabbits under various endocrine cond. (Fr) 48914

form. from megakaryocytes in bone marrow cultures, eff. of reduced oxygen tension 38399

protective role in radiation inj., review (Rus) 22615

role in fibrinolysis & thrombus form. 54438

## BLOOD, PRESERVED

*see also* BLOOD TRANSFUSION

ammonium & potassium excess in stored blood, removal method 54729

biomechanical equip. for long-term preserv. of glycerolized erythrocytes 4500

blood banks in Italy, organis. & operation (It) 20980

by refrigeration (Cz) 48614

centrifugal washing of erythrocytes 2066

cholinesterase activity preserv. in blood (It) 14012

citrated blood causing citrate pois. 2155

citrated blood causing hemorrh., cardiac arrest & tetany, exper. study 12847

coagulation activity of stored blood at +4°C (Ser) 25721

cold-resist. (Rus) 22520

collection & preserv. of placental blood (Pol) 30752

determ. of state of preserv. by isotope method (Sp) 44426

donor recruitment & collection of blood, responsibility of pub. & need for propaganda in Spain (Sp) 51631

donor recruitment & supplying of banks, need for propaganda in Spain (Sp) 51630

eff. of adenosine & inosine on erythrocyte metab. 26411

eff. of container surface & various preserv. methods on platelet survival (It) 1504

eff. of dextrose-citrated solution on leucocytes in stored blood of dogs 9777

eff. of inosine on erythrocyte preserv. 17057

eff. of inosine on metab. behavior of erythrocytes during preserv. of blood in cold 48448

eff. of preserv. on erythrocyte morphol. (Sp) 51629

erythrocyte storage at temperatures between +10°C & -20°C, post-transfusion survival 3065

establishment of blood bank in Cyprus 14203

filtered liquid plasma for transfusion, method of prep. & advantages 41871

funct. activity of platelets after preserv. for different periods (It) 36726

lyophilized formol-treated erythrocytes in blood group serol. 19597

mechanism of action of containers on erythrocytes 50710

osmotic resist. & post-transfusion survival of erythrocytes stored in α-tocopheryl disodium phosphate 31335

pasteurized pooled human plasma for inactivation of serum hepatitis virus 10684

preserv. method (Pol) 43651

preserv. of whole blood in frozen state 21696

preserv. problems (Ger) 29025

preservability of oxygen-treated & ultraviolet-irradiated blood (It) 9331

preservants (Rus) 45673

procurement & preservation for open heart surg. 22033

prolonged storage of liquid plasma in prev. of posttransfusion infect. hepatitis 16653

16669

recipient set for removal of potassium & ammonium from bank blood 33491

stability of in vivo antigen-antibody bonding on erythrocytes after frozen storage 46902

survival of glycerolized & frozen erythrocytes in vivo 4499

teaching of blood bank procedures to enlisted med. personnel of U. S. Army Europe 42141

thromboplastic activity after defibrination with thrombin (Cz) 2731

Ullevål hosp. blood bank, jubilee (Nor) 54987

***microbiology***

bact. contamination by Pseudomonadaceae (Fr) 13042

Pseudomonas fluorescens, prod. of spreading factor activity 24003

Trypanosoma & Plasmodium survival in citrated & glucose-treated blood preserved by refrigeration (Fr) 36887

## BLOOD PRESSURE

appar. & method for stabilization in animal experiments (Ger) 30344

comparison in humans in relation to their climatic preference 16828

correlation with blood cholesterol & body fat in Australian men 36950

correlation with height, weight, race & age, statist. on U.S. armed forces personnel in World War II 24436

hypotensive activity of heparin (Pol) 8082

hypotensive drugs, eff. on cardiovasc. system (Rus) 38330

hypotensive drugs, ther. of pregn. toxemias 7602

hypotensive drugs, vasomotor activity, relation to electrolyte metab. (Fr) 13466

in apparently healthy aged, exhibit 39556

of Alaskan Eskimo men 18374

of umbilical artery of newborn inf. 383

orthostatic disord. after cerebral hemorrh. & in cerebral arteriosclerosis (Ger) 7372

perop. & postop. pressure in skin capillaries (Pol) 30766

relation to blood viscosity (Fr) 9178

relation to pulse pressure & capillary flow 26500

retinal, in insulin shock ther. of schizophrenia (Rus) 46297

venous, during total body perfusion using Gibbon-type pump-oxygenator 47329

venous pressure in arm after application of force to hepatic area in normal & in congestive heart failure patients 52

venous pressure, physiol., pathol. & clin. significance (Hun) 20161

***determination***

acoustic method (Rus) 49568

after constriction of pulm. artery in exper. pulm. heart dis. in dogs (Ger) 55553

appar. (Rus) 49544

appar. for determ. in high altitudes (Rus) 45898

appar. for measurement of small intermittent low-frequency pressure changes (It) 52092

arterial, comparison of methods (Rus) 9855

arterial, in eye (Ger) 3292

auscultatory & intraarterial methods, comparative results (Ger) 26479

auscultation & palpation in determ. of brachial, temporal, femoral & iliac artery pressure (Rus) 45225

by surgically-produced arterial loops in dog 11527

cathode oscillographic registration by means of mercurial manometry (It) 14010

circ. monitoring appar. with pressure recorder (Ger) 34185

continuous recording of systolic arterial pressure in man by bloodless method (Fr) 26909

digital blood pressure measurement by auscultatory technic 2539

electrical manometer for determ. (Ger) 22947

flush method in child. (Cz) 38312

in exper. surg. with artif. heart in dogs (Rus) 3405

in hypothermia, technic (Ger) 29049

influencing factors (Bul) 32824

intra-auric. & intrapulmonic, in commissurotomy (Rus) 10740

maximum pressure determ. by new type sphygmomanometer (It) 46992

measurement range adjuster for simultaneous registration of diastolic & amplitude pressure difference in left ventricle (Ger) 30523

modified arterial oscillograph for blood pressure registration in dogs (Rus) 49555

piezography of peripheral vessels, technic (Fr) 975

primary indirect determ. by rheography, review (Ger) 34153

Riva-Rocci-Korotkov method, auscultatory & graphical criteria (Ger) 28950

sphygmomanometry, extent of errors caused by fatty tissue & musc. tonus (It) 54207

Valsalva exper. in quantitative measurement of pressure changes in heart, intrathoracic & abdom. vessels (Ger) 12058

venous, methods (Ger) 6684

***effect of drugs on***

acetylcholine in rats, bioassay method 41297

aldosterone in rat 35800

γ-aminobutyric acid, determ. of site of action in animals 50073

amyl nitrite, hemodynamic & vasomotor eff. in normal humans (It) 31672

antihistaminics & phenothiazine deriv. (Rus) 49429

arterenol & epinephrine in conscious dogs, comparison with conscious humans & anesthetized animals 20913

arterenol & epinephrine in hypophysectomized turtles 24040

arterenol & epinephrine-induced hypertension, inhib. by tolazoline in guinea pigs (Fr) 26912

arterenol during extracorporeal circ. 22014

arterenol, epinephrine & isoproterenol, comparison in cats, dogs, rabbits & rats (Fr) 48855

arterenol, epinephrine, lactic acid & sodium lactate on rabbits 314

arterenol followed by various local anesthetics on pressure in dogs (Ger) 35948

arterenol or epinephrine on dogs, influence of chlorpromazine or yohimbine (Fr) 36562

atropine & pentobarbital on pressure response to tetraethylammonium chloride in dogs 756

autonomic drugs, comparison of various prep. (Rus) 39326

1-benzyl-3-(benzylcarboxy)-pyridinium chloride in rabbits & dogs (Fr) 32929

bronchoconstrictors, responses to intravenous & aerosol admin. in guinea pigs (Ger) 29931

2-chloroadenosine on cats 47732

chlorothiazide in normotensive subjects 13184

chlorpromazine, mechanism of hypotensive eff. in cat 13457

contrast medium sodium acetrizoate in carotid angiography in cats 35424

cyanide, lobeline & veratridine infusion into CSF in cats & dogs (Ger) 30508

diethylaminoethylbenzoate, depressor action in cats (Rus) 33185

2-diethylaminoethyl 2-phenylbutyrate (Ger) 36956

1,1-dimethyl-4-phenylpiperazinium & tetramethylammonium, comparison 5739

epinephrine & lidocaine alone & together in dent. patients 4412

epinephrine, reversal of eff. by various sympatholytics in mice (Ger) 13635

fraction V-22 of Vinca rosea, hypotensive eff. in dogs & cats 4201

histamine-liberators, mechanism of arterial response 12555

3-hydroxytyramine & epinephrine depressor eff. in guinea pigs, rabbits & cats, influence of reserpine admin. 48238

19-nor-ethisterone, in women of various ages (It) 21483

papaverine, salsolin & spherophysin, in exper. arteriosclerosis (Rus) 39343

potassium chloride after intracisternal admin. in dogs 35699

procaine infusion in CSF, localization of point of attack in cats (Ger) 30510

17α-propyl-estrane-17β-ol-3-one in DOCA-treated rats 41038

Rauwolfia vomitoria extracts on cats (Fr) 3121

reserpine & rescinnamine, mechanism of hypotensive action (Fr) 36593

reserpine causing increase after admin. in high doses in rabbits 307

reserpine in spinal cat treated with amine oxidase inhibitors 36938

sodium salt infusion on pressor responses in rats 48725

sympathomimetic aldehydes & epinephrine, potentiation by cocaine, ephedrine or tripelennamine 13434

sympathomimetics, influence after admin. of other sensitizing drugs (Fr) 36575

sympathomimetics, influence of reserpine in cats (Fr) 48830

testosterone, progesterone & 17α-ethyl-4(5)-estren-17β-ol-3-one in dogs 5744

trimethaphan, determ. of site of action in dogs 36576

trimethaphan on dogs (Fr) 32932

venom of Latrodectus mactans in dogs, mechanism (Sp) 8989

venom of spider Latrodectus mactans, vasoconstrictive & hypertensive action, mechanism (Fr) 36721

venom of stonefish in rabbits 54408

Veratrum alkaloids, mechanism of prod. of hypotension in dogs (Fr) 1048

yohimbine deriv. 48801

***effect of radiations on***

x-rays (R) 53793

***in various diseases***

alcoholism 8502

arterial & venous pressures in dehydration states (Pol) 30780

arteriovenous anastomoses between main blood vessels (Rus) 45670

auric. & ventric. tachycardia 2033

burns, eff. on venous pressure (Pol) 43834

cardiac & pulm. dis., correlation of pulm. arterial pressure with resp. (Ger) 23021

cardiovasc. dis. & focal infect., eff. of psychogenic factors (Ger) 54319

cerebral hemorrh., diag. value (Ger) 35585

congestive heart failure with edema, relation of venous pressure to circulating blood volume & blood sodium (Pol) 30798

coronary arteriosclerosis, eff. of media constriction & intima disintegration on vasomotor funct. (Ger) 27502

infect. hepatitis in child., determ. (Rus) 7886

intracardiac, left auric., in mitrial valve dis., correlation with intra-esophageal pressure (It) 52086

intracardiac, right ventric., eff. of premature ventric. contractions, in heart dis. patients (It) 52085

myocardial infarct, diag. value (Sp) 4063

pneumonia in child. (Rus) 43539

pulm. embolism, eff. on pulm. & systemic pressure in dogs (Sp) 42205

pulm., relation to frequency of postprimary pulm. tuberc. 12786

schizophrenia of long duration, arterial oscillography (Rus) 34777

septal defect, interventric., correlation with angiocardiographic signs (It) 29657

venous, in congestive heart failure, eff. of ther. use of fluids (Rum) 44000

venous pressure in congestive heart failure 43254

venous pressure in peripheral vasc. dis., diag. & ther. value in assoc. with phlebography (Pol) 30836

***physiology***

arterial, eff. of positive pressure breathing (Fr) 51490

arterial pressure, eff. of work performance (Ger) 23019

blood density decrease with decreasing blood pressure in bed rest & induced hypotension (Ger) 38507

brachial to digital blood pressure gradient in normal & hypertensive persons, determ. by auscultatory technic 2540

central venous pressure, eff. of resp. (Ger) 11254

cerebral, eff. of 02/C02 ratio in inspired air (Rus) 33231

changes caused by mechanical stimulation of stomach in hypertensive patients (Cz) 9490

changes in cerebral arteries during carotid angiography with iodopyracet 35443

changes in transmural central venous pressures in man during hyperventilation 17062

critical closing pressure of hind leg of cat 47142

eff. of amygdaloid & periamygdaloid electrostimulation & after-discharge on blood pressure in cat 50939

eff. of bact. polysaccharide & other tumor-necrotizing agents on pressure in mice 5441

eff. of chemostimulation of pericardium & role of carotid sinuses in cats (Rus) 48029

eff. of conditioned reflex (Rus) 37196

eff. of coronary occlusion (Cz) 48626

eff. of coronary occlusion after admin. of arterenol (Cz) 48627

eff. of cough on intracarotid changes in animals (Cz) 38255

eff. of decrease in venous pressure on ECG axis in congestive heart failure (Tur) 33004

eff. of dietary amino acid defic. in rats (Rus) 33625

eff. of emotional stress & its relation to age (Ger) 39573

eff. of environmental factors 14300

eff. of exper. coarctation of aorta in sheep 48739

eff. of exper. hypothermia in dogs (Ger) 30490

eff. of family size, occup. & hered. on arterial pressure 15051

eff. of high protein diet on portal vein pressure, review 20016

eff. of hypothermia (Sp) 8861

eff. of increased pulm. alveolar carbon dioxide pressure in greater & lesser circ. in cats (Ger) 11251

eff. of intensification of thoracic aspiration in dogs (Fr) 26871

eff. of interoceptive stimulation relationship between systemic & regional vasomotor reflexes (Rus) 37197

eff. of labored breathing through nose on venous pressure (Rus) 45730

eff. of lethal inject. of E. coli endotoxin in eviscerated dogs 35802

eff. of ligation of left pulm. artery on blood pressure of greater circ. (Fr) 38692

eff. of noise (Ger) 54320

eff. of noise in indust. & laboratory cond. (Rus) 33332

eff. of pleural stimulation (Rus) 49561

eff. of portal changes on resp. (Rus) 49552

eff. of porto-caval pressure on liver vascularization, in rats (It) 37156

eff. of regulation on peripheral NS (Dut) 52500

eff. of resp. on intravasc. pressure in supra- & subdiaphragmatic descending aorta (It) 39640



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

eff. of resp. suppression (Fr) 26826

eff. of simultaneous hypoxia & hypercapnia on pulm. arterial pressure in dog 36606

eff. of smoking (Dut) 12040

eff. of stimulation & exclusion of pericardial chemoreceptors (Rus) 37198

eff. of stimulation of central end of pneumogastric on blood pressure of dogs anesthetized with ether, urethane, pentobarbital & chloral hydrate, comparison (Fr) 38726

eff. of stimulation of interoceptors, eff. of streptomycin on reactivity (Rus) 7799

eff. of syncardial massage (Ger) 23017

eff. of thoracic aspiration on arterial pressure in dogs without pericardium (Fr) 48885

eff. of tooth extraction on blood pressure & pulse rate of sedated normotensive & hypertensive patients with & without epinephrine 40238

eff. of transmural blood pressure & transpulm. tissue pressure on isolated lung in rabbits (Ger) 34031

eff. of unilateral occlusion of pulm. artery on distal blood pressure in dogs 14997

eff. of uterine contractions at birth on blood pressure of umbilical vein of newborn inf. 281

eff. of uterine ischemia in pregn. in rabbits 5573

eff. of weight loss 38117

eff. on behavioral disord. in rats 8426

hemodynamic changes underlying pressor reactions 31789

interval between onset of inspiration & resp. increase of circ. flux (It) 49581

intrathoracic, eff. of inspiration in anesthetized dogs (Ger) 30501

lack of normal blood pressure rise in growing chicken deprived of choline in early life 44096

loss of fluid & protein from blood during systemic rise of venous pressure caused by repeated Valsalva maneuvers in man 17055

mechanisms of arterial pressure variations 10239

portal vein pressure, influence of spleen (Dut) 29946

possible mechanisms regulating relation between resp. phase & concomitant variations of systemic pressure (It) 37466

pressure changes in cats after increasing pressure in pulm. artery 5785

pressure-time curves obtained in occluded femoral artery in cats at elevated venous pressure, analysis 46697

proprioceptive regulation, eff. of spinal cord section (Rus) 52970

pulm. artery pressure, correlation with heart x-ray image in auric. septal defects (Fr) 35028

pulsatile pressure & flow in femoral artery of dog, statist. analysis 14992

regulation (Fr) 37791

relation of pressure rhythm to resp. & peripheral circ. (Ger) 30518

relation of pressure waves to resp. innerv. (Ger) 30517

relation to epinephrine secretion after intravenous inject. of epinephrine (Fr) 26919

relation to resp. fluctuations (It) 1867

renal venous pressure change, eff. on renal vasc. resist. & on urine & lymph flow rates 12501

role in determ. of basal metab. (Por) 8662

role in exper. hemorrh. in release of fluid into circ. & in trapping of erythrocytes in dogs 12495

systemic vasomotor reactions, regulation by cutaneous vasc. system, review (Pol) 30744

transm. of left atrial pressure waves to right pulm. capillary position in dog in open-chest surg. (Fr) 35026

variability of amplitude of oscillation of secondary order (It) 37467

***BLOOD PRESSURE, HIGH see*** **HYPERTENSION**

***BLOOD PRESSURE, LOW see*** **HYPOTENSION**

**BLOOD PROTEINS**

***see also*** **FIBRINOGEN**

***see also*** **SERUM ALBUMIN**

***see also*** **SERUM GLOBULIN**

antiproteins in rabbit after subcutaneous or intravenous infect. with live human M. tuberc. 13327

aso-proteins in immune serums (Ger) 34075

behavior of sulfhydryl proteins in pyknotic autolysis of neutrophil cells (It) 27764

binding affinity of purified proteins for 1-phenylethyl-biguanide 38559

binding capacity, determ. by filter paper absorp. (Cz) 26556

binding capacity for Congo red & application in study of lipoprotein lipase 31791

binding capacity of radiolabeled thyroxin by serum protein bodies, electrophoresis (Ger) 46087

binding of digitoxin, radioisotope determ. 17929

binding of electrolytes, determ. by filtration method (Dut) 29974

binding of hydrocortisone in vitro, types of binding 25425

binding of iodine as test of thyroid funct., comparison with radioiodine uptake test 54859

binding of iodine, eff. of contrast media 38519

binding of iodine in subacute nonsuppurative thyroiditis 12780

binding of mercurial diuretics, exper. in rats (It) 37518

binding of porphyrins, attempted demonstration 32220

binding of succinylcholine (It) 37462

binding of thyroxin in rabbit fetus 19548

binding to blood iodides in adult salmon during migratory cycle (Fr) 15065

bromphenol blue-binding capacity of blood & cytoplasmic proteins, comparison (Ger) 23075

C-reactive protein during postop. period in gyn. surg. (It) 15028

C-reactive proteins, eff. of sympathetic NS stimulation (Fr) 47478

C-reactive protein hemagglutination studies, clin. evaluation (Ger) 11197

C-reactive protein in perilymph, eff. of stimulation of neurovegetative system of inner ear (Fr) 44667

C-reactive protein in premature & newborn inf. (It) 20221

C-reactive protein, precipitation analysis in agar diffusion test & localization 11300

C-reactive protein, review (Rus) 20203

Cx-reactive protein (Rus) 37204

changes after inject. of rabbit antiplatelet serum into guinea pigs (It) 1942

classif. (Fr) 37788

correlation with esterase & phosphatase activity of blood, electrophoresis (Fr) 44611

cryoglobulins, characterization & clin. manifest. (Ger) 21642

cryoglobulins, differentiation from cryoglobulin (Ger) 21641

dependence of increased agglutinability of erythrocytes on individual protein fractions (Ger) 34050

disord. & defic., manifest. & case reports (It) 3864

disord. & hypercholesteremia in exper. protein withdrawal by plasmapheresis, relation to nephrotic synd. (Ger) 55468

disord. caused by burns, in child., progn. significance (Sp) 53943

disord., classif. (Ger) 21640

disord., exper., comparison in cats, guinea pigs & rabbits (Ger) 55463

disord., exper. eff. of acute hypoxemia (Ger) 41896

disord. in Africans, relation to diet (Fr) 42038

disord. in biol. false-positive reactors to syphilis tests 46391

disord. induced by inject. of cortisone, desoxycorticosterone & hydrocortisone (Fr) 38614

disord., induction in rats by methylcellulose storage with reticulosis & hemolysis 23749

disord., interpretation of abnorm. electrophoretic patterns 15033

distribution of antistreptolysins in protein fractions 7148

eff. of adrenalectomy & cortisone (Rus) 52981

eff. of age & sex 46919

eff. of aging (Fr) 32199

eff. of anoxia & fasting in conger eel (Fr) 26924

eff. of artif. hibernation on blood protein changes following surg. in dogs (Hun) 28787

eff. of bloodletting in normal subjects (It) 44809

eff. of depletion by plasmapheresis on reserve protein from extravas. extracellular fluid 50530

eff. of exper. hepatectomy (Pol) 20445

eff. of exper. hypoxia in guinea pigs (Ger) 46701

eff. of exper. partial hepatectomy in rats (It) 44843

eff. of exper. total hepatectomy in dogs 1340

eff. of glucose loading (Ger) 24844

eff. of hypothermia on levels in cat (Pol) 30894

eff. of lowered atmospheric pressure on electrophoretic pattern in endocrine defic. in rats 25432

eff. of parabiosis in rats, correlation with renal histol. & histochem. changes (Fr) 13014

eff. of partial ligation of kidneys & hypersaline diet on rabbits (Fr) 3072

eff. of perfusion of saline solution in rats (Fr) 38654

eff. of prolonged prod. of antibodies in rabbits (Ger) 33987

eff. of selective abdom. arteriography (It) 19162

eff. of surg. (It) 25533

eff. of surg. of abdom. hernia & appendicitis, electrophoresis (It) 53769

eff. of transfusion ther. on total circ. proteins & electrophoretic patterns, relation to blood volume (It) 25582

eff. of work at high temperatures (Pol) 43639

electrophoretic changes, correlation with liver funct. tests 5166

erythrocuprein, chem. & phys. properties 40539

erythrocuprein, isolation & properties 40538

fetuin, nonidentity with protein growth factor partially purified from adult bovine & human sera 44971

flocculation as liver funct. tests, mechanism of flocculation & clin. applications 3690

fluorescent sulfonic acid dye labelling of blood proteins, value in diag., immunol. & histochem. (Ger) 46172

fractionation & analysis in crustacean Carcinus maenas (Fr) 40794

fractionation by electrophoretic & saline methods, comparison (Rus) 10929

fractionation by precipitation with trichloroacetic acid (Ger) 49931

β2-globulin in child., electrophoresis (It) 2976

glycoproteins & mucoproteins, comparative eff. of parathyroid extracts & turpentine in rat 35787

glycoproteins & proteins, eff. of infect. & reinoculation of rats with Trichinella spiralis & eff. of cortisone 3522

glycoproteins, clin. & physiopathol. significance of electrophoretic picture, review (It) 25630

glycoproteins, eff. of partial hepatectomy & choline admin. in rats (It) 37400

glycoproteins in monozygotic & in diazygotic twins, comparison 31323

glycoproteins, transpulm. gradient (Ger) 360

glycoprotein variations during antibody form. in immunized rabbits (It) 37302

growth factor for mammalian cell cultures, isolation from bovine serum 4759

haptoglobins & Gm group review (Fr) 21261

haptoglobin, atypical segregation of types 38826

haptoglobin, comparative studies on phys. characteristics of heritable haptoglobin groups of human serum 40813

haptoglobin determ. in diag. of hemolytic dis. (Sp) 53922

haptoglobins, genetics & concentration in various dis. 8397

haptoglobin-hemoglobin complexes with peroxidase-like activity, detection with various reagents 29834

haptoglobins in Australian aborigines, comparison with hemoglobins 42102

haptoglobin phys. properties in man, genetic aspects 9562

haptoglobin types in Amer. Negroes 52426

heme-protein linkage in hemoglobin 49321

immunochem. comparison with colostrum & milk proteins (Cz) 38330

in dogfish, eff. of fasting on levels (Fr) 3099

in gastrectomized, eff. of testosterone enanthate (It) 39528

in gastrectomized rats treated with group-specific substances from hog gastric mucosa (It) 1904

in healthy child., electrophoresis (Rus) 7932

in hibernating hamsters 20785

in inhabitants of Dutch New Guinea & the Dutch Antilles (Dut) 36191

in normal & arteriosclerotic Iranians, comparison with other countries (Fr) 11946

in normal guinea pigs, electrophoresis (Fr) 1423

in normal rabbit blood (Ger) 46086

in Syrian hamsters, electrophoresis (Ger) 46141

insulin activity of protein fractions, electrophoretic separation 51919

insulin-like activity of electrophoretic blood protein fractions 3353

interaction with protamine in vitro (Fr) 39252

interactions with yttrium ions & chelates in vitro 25405

loss from blood during systemic rise of venous pressure caused by repeated Valsalva maneuvers in man 17055

mucoproteins, eff. of hepatectomy (Ca) 48638

mucoproteins in fetal & maternal blood & in newborn (It) 42786

mucoproteins, postop. levels (It) 25655

paraproteinaemia, macroglobulinic (R) 16028

patterns in native Africans, comparison with Europeans 54501

permeability for femoral veins (Ger) 46103

phosphoproteins in leukocytes in healthy & leukemic subjects (Rus) 13853

possible interaction between blood proteins & various substances excreted by liver & kidneys, electrophoresis (It) 37469

postop., in orthopedic surg. (It) 19185

pre- & postop. levels in gynecol. surg., eff. of high-protein diets (Hun) 41982

protein-bound carbohydrates in human fetuses 44892

protein-bound hexoses & glucosamine, sex & age factors (Ger) 46069

protein-bound iodine, determ. methods 351

protein-bound iodine, determ. of distribution by electrophoresis & ultracentrifugation (It) 36745

protein-bound iodine, eff. of acetazolamide in rats 46924

protein-bound iodine, eff. of oral iodized oil 50434

protein-bound iodine, eff. of thyrotropin (Sp) 8691

protein-bound iron transfer to human reticulocytes 50464

relation of proteins & lipoproteins to permeability of peripheral capillaries (Pol) 30807

relation to CSF protein levels, factors influencing concentration gradient 4874

responses in rabbit sera immunized with human cell strains 24830

restoration after exper. hemorrh., eff. of total body x-irradiation (Rus) 33560

review 907

role in liver mitochondria of rats, eff. on vital storage in transport & metab. exper. (Ger) 6880

selective placental transfer in rhesus monkeys 6134

serum vitellin, immunochem. comparison with lipovitellin, isotope study 20725

spectrophotometrically detectable interactions with proteases 25426

variations in horses, electrophoresis 19635

vasc. & extravasc. exchanges in rats, determ. by radioiodine labeling 11548

vitamin B12-binding by rat fractions 16396

***deficiency***

after gastrectomy, correction with gluten-free diet, case report 14331

congen. essential in hypogammaglobulinemia in a 2-month old inf. (Fr) 25477

eff. on course of pregn. (Pol) 39633

exper., induced by plasmapheresis, relation to hyperlipemia in adrenalectomized, castrated & thyroidectomized rats (Ger) 33978

idiopathic, protein catabolism in 32703

idiopathic, with edema (Dut) 13684

idiopathic, with edema (Ger) 378

idiopathic, with hyperaminoacidemia, enzyme activity determ. in (Fr) 54350

in acrodynia in 18-month old girl (Fr) 53022

in child., ther., fractionated human blood protein solution plasmanate, intravenous admin. 14540

in pathogen. of nephrosis in child. (Pol) 30235

in peptic ulcer (Fr) 38815

in reticulum cell sarcoma, with anasarca 24994

transient idiopathic, with edema & hypochromic anemia in child, case report 26426

with agammaglobulinemia, caused by congen. disord. of protein synthesis (Ger) 42259

with multiple skin necroses, in aged woman 37556

***determination***

amidon gel electrophoresis (Fr) 53998

analysis in normal patients & in various dis. (Ger) 11913

C-reactive protein by complement fixation test (Dut) 7297

C-reactive protein, correlation with blood sedimentation data (Sp) 43913

C-reactive protein, cross-reactivity of factors in APC & CRPA tests 24841

copper sulfate method 44901

diffusion of proteins through wedge-shaped agar gel 19637

eff. of ionic strength on relative mobility of absorm. proteins 50718

electrophoresis (Dan) 33430

electrophoresis, eff. of electrical potential (It) 13516

electrophoresis, eff. of heat on patterns 46898

electrophoresis in analbuminemia, mechanism of regulation (Ger) 6682

electrophoresis in crabs (Fr) 46821

electrophoresis in mice 49350

electrophoresis in various dis., diag. value (Por) 1571

electrophoresis in various pathol. cond., clin. statist. (Dan) 32431

electrophoresis of fresh & preserved blood, eff. on thrombin form. (Ger) 55448

electrophoresis of radioiodine-labeled proteins 44900

electrophoresis of rat serum, eff. of borate ion in buffers 7233

electrophoresis relation to blood sedimentation rate (Ger) 15773

electrophoresis, review 11634

electrophoresis with fluorescent dyes (Ger) 34022

electrophoretic aspects after admin. of protamine & lysozyme to rabbits (It) 1486

electrophoretic patterns of rabbits, use in selection of animals for exper. 13770

electrophoretic separation into 12 fractions, method & interpretation 32256

filter-paper electrophoresis in domestic animals, review 48980

filter-paper electrophoresis, technic (Sp) 44558

gelose microelectrophoresis (Fr) 53999

glycoproteins after soft x-irradiation of skin, electrophoresis (Ger) 39807

glycoproteins, electrophoretic & chem. methods (It) 44179

immuno-electrophoresis of heavy components of normal blood (Fr) 53986

immunoelectrophoresis, small-slit, with subsequent immunol. identification by cross precipitation (Fr) 36337

in autopsy, electrophoresis, retention of identities postmortem 13311

in hemolymph of scorpion, microelectrophoretic comparison with proteins in coxal glands (Fr) 38764

in menstrual & venous blood, electrophoresis, diag. value (Ger) 46077

in normal & pathol. cond., immunoelectrophoresis (Ger) 6073

in normal cond. & in various dis., electrophoresis 355

Lugol's solution reaction, diag. value (Rus) 45174

measurement of precipitin reactions in millimicrogram protein-nitrogen range 44965

microelectrophoresis, work method (Sp) 51623

molecular weight determ. by ultracentrifugation of blood, methods & cond. (Dut) 7288

mucoproteins, eff. of various concentrations of perchloric acid on determ. values in exper. animals 15012

mucoprotein α1, saponium precipitation & subsequent isolation (Fr) 26341

nesslerization & micro-Kjedahl distillation methods, comparison 49998

neuraminic acid-containing mucoprotein detection in bovine erythrocyte stroma (Ger) 27892

paper electrophoretograms, simplified rapid method for fixation 12281

precipitation of denaturated proteins of heated blood (Fr) 53997

precipitation with anti-sera & sulfosalicylic acid, age group differences 24819

preserv. of soluble proteins for histol. staining in paraffin sections 21960

protein-bound iodine, improved determ. technic 38560

protein-bound iodine in relation to lowered basal metab. rate in Indians 40073

protein-bound iodine, rapid method 24402

protein-bound radioiodine 32226

protein $X_1$ in human hemoglobin prep., isolation & chem. characterization (Fr) 38748

Sabin-Feldman color test (Pol) 33701

Sabin-Feldman test specificity in Wassermann reaction (Pol) 33702

separation from hemoglobins by rapid electrophoresis 15024

slow proteins in human hemoglobin prep., isolation & electrophoretic study (Fr) 38747

small-scale membrane filter electrophoresis & immunoelectrophoresis, appar. & technic 15018

starch gel electrophoresis for high resolution of human plasma components 7204

ultracentrifugal analysis in humans, method 46376

ultracentrifugation, clin. applications (Dut) 7289

ultrafiltration 44925

Wunderly reaction, attempted interpretation by gel electrophoresis (Fr) 38753

***effect of drugs on***

ACTH & steroid hormones, eff. of chronic admin. in rats (It) 14021

ACTH & steroid hormones, eff. of chronic admin. on PAS-positive substances in rats (It) 14022

aniline (Rus) 33563

bovine somatotropin on man (It) 37413

carbutamide & tolbutamide prolonged ther. in diabetics (It) 53781

chloral hydrate & chlorpromazine in Brucella abortus immunized cats (Ger) 12081

chloramphenicol alone & with prednisone in ther. of typhoid fever (R) 29870

chlorpromazine (Rus) 34682

chlorpromazine, N-(3-dimethylaminopropyl)-o-iminodibenzyl & reserpine in ther. of psychoses (Ger) 27018

Clostridium botulinum A analoxin (Rus) 55843

cobalt chloride solution, in rabbits (It) 25645

copper, precipitation in various animal species (It) 37480

E. coli endotoxins & neomycin in rats, alone & combined 36349

edathamil disodium on distribution of blood protein fractions in rats & guinea pigs (Ger) 53101

ethionine in rabbits & guinea pigs on high cholesterol diet 40905

hyaluronidase, hydrocortisone & somatotropin, in exper. arteriosclerosis (Ca) 26554

hyaluronidase on passage of dye-labelled protein from blood to lymph in dogs 7175

isoniazid-cobalt prep. in ther. of pulm. tuberc. (It) 39515

methamphetamine & amobarbital in castrated animals (Rus) 31157

pentylenetetrazole shock & electroshock on levels in rabbits (Fr) 32926

phenothiazine substituted alkylamine deriv. in rats (It) 14024

phenothiazine substituted alkylamine deriv. on glycoproteins in rats (It) 14025

thyroid extracts on complex protein components, value in determ. of nutritive eff. (Fr) 37773

***effect of radiations on***

denaturation by x-rays (Ger) 23055

radio-cobalt telether. of malignant neoplasms (It) 31660

x-irradiation of intestinal tract of rat 11535

x-rays, eff. of protective screening in guinea pigs (It) 21485

x-rays in horse & rabbit blood serum (Rus) 51758

x-rays, lethal doses, on total proteins & glycoproteins, in rats (It) 36811

x-rays, lethal doses, on total proteins & glycoproteins, protective eff. of ACTH, in rats (It) 36813

x-rays, lethal doses, on total proteins & glycoproteins, protective eff. of cysteine, in rats (It) 36812

x-rays, low doses, on total proteins & glycoproteins in adrenalectomized rats (It) 36814

x-ray, on protein retransport from tissues in dogs (Ger) 46090

***effects***

fractions from human blood on glucose uptake of rat diaphragm 40800

fraction from humans with essential hypertension, cardiotonic eff. on isolated frog heart 14999

inhib. eff. on develop. of opalescence in lipoproteins altered by lecithinase C 31329

inhib. of fibrinogen conversion to fibrin by absorm. proteins in plasma cell myeloma (Fr) 21269

neuraminic acid-containing mucoproteins of bovine erythrocyte stroma inhibiting virus hemagglut. test (Ger) 27919

on capillary permeability in normal humans after intracutaneous inject., study with sodium fluorescein 23708

sulfonamide-bound proteins on exper. streptoc. infect. (Ger) 34077

*in aged*

electrophoresis (Fr) 41938

electrophoresis (Sp) 31841

in normal & pathol. cond., electrophoresis 16003

*in pregnancy*

(Rus) 13146

C-reactive protein in normal & pathol. pregn. (It) 9420

C-reactive protein in pregn. & puerperium (It) 9399

C-reactive protein in pregn., labor & puerperium (Sp) 22273

electrophoretic patterns at various stages of pregn. & relation to serum lipids (It) 54247

in normal pregn. 46999

in normal pregn. (Sp) 21103

in pregn. & puerperium 40091

maternal blood proteins, eff. of intrauterine fetal death (It) 6852

*in various diseases*

abnormal levels of protein-bound iodine in coagen. goiter in child (Fr) 36072

allergic dis., electrophoresis 36241

arteriosclerosis, diag. value (Pol) 8070

arteriosclerosis, electrophoresis of regional blood (It) 6789

asthma, eff. of ACTH (Rus) 51218

atopic eczema, electrophoresis 28020

blood dis. & hemopoietic system dis., electrophoresis (Sp) 31814

brain neoplasms, paper electrophoresis (Rus) 10645

Brucella abortus infect., fractionation at different stages of infect. in guinea pigs 44099

burns, eff. on levels in child. & adults (Pol) 30808

burns, electrophoretic analysis at pH 8.6 40690

burns, electrophoretic findings (Ger) 15311

C-reactive & glycoproteins in myocardial infarct, diag. & progn. value of determ. (It) 39652

C-reactive & mucoproteins in chronic tonsillitis (It) 30686

C-reactive protein & other protein fractions in rheum. fever, clin. statist. 36536

C-reactive protein in agammaglobulinemia, case report (Sp) 21109

C-reactive protein in chronic So. Amer. trypanosomiasis (Por) 16126

C-reactive protein in coronary dis. (Sp) 18858

C-reactive protein in CSF in infect. (It) 3848

C-reactive protein in female genital tuberc. (It) 6858

C-reactive protein in hay fever, in presesasonal & seasonal periods after hyposensitization (It) 6892

C-reactive protein in inflamm. dis., diag. value (Fr) 9646

C-reactive protein in leprosy 50030

C-reactive protein in micrococcal infect. in child. (Pol) 43671

C-reactive protein in myocardial infarct & acute coronary insuff. (Sp) 8184

C-reactive protein in peripheral vasc. dis. in aged (Ger) 22965

C-reactive protein in plasma-cell myeloma (Ger) 46020

C-reactive protein in rheum. fever & rheum. heart dis., comparison 13301

C-reactive protein in rheum. fever, correlation with other diag. indices (It) 39648

C-reactive protein in rheum. fever, diag. value (It) 29888

C-reactive protein in rheum. heart dis. 13300

C-reactive protein in silicosis & silicotuberc. (It) 39361

C-reactive protein in silicosis & silicotuberc., diag. & differ. diag. value (It) 27464

caisson dis. (It) 15790

cancer of bone, malignant, electrophoresis (It) 26598

cancer of cervix treated by radium & x-rays, eff. of antireticular cytotoxic serum (It) 25690

cancer of ovary & complicated leiomyoma of uterus, clin. value (Sp) 3867

cancer of ovary, eff. of endoperitoneal admin. of colloidal radiogold suspension (It) 53684

cancer of uterus, cervix & ovaries, diag. limitations (It) 33378

chronic liver dis., differ. diag. value (Ger) 52204

chronic suppurations of lungs (Rus) 45165

congestive heart failure, adsorptive capacity 18763

dehydration (Pol) 30789

diabetes mellitus, comparison with normals (Fr) 43960

diencephalic lesions (Rus) 34731

disord. & paraproteinemia, relation to pathogen. of cancer 40982

disord. in lipochondrodystrophy, case reports (Sp) 53903

disord. in liver cirrhosis (Fr) 31985

disord. in multiple myeloma & macroglobulipemia, starch electrophoresis (Fr) 44629

disord. in myocardiosis & myocardial infarct (Ger) 46039

disord. in plasma cell myeloma of bone (Fr) 17657

disord. in rheum. arthritis, pathogenetic significance & eff. of cortisone (It) 31756

disord. in visceral leishmaniasis in child., electrophoresis & antigen-antibody reactions (Sp) 46674

dyspepsia in child. (Rus) 7905

eczema in inf., electrophoresis (It) 3867

eczematous & psoriasic skin dis., eff. of sulfurous balneother. (It) 3908

encephalomyelitis (It) 25589

encephalomyelitis in rats, eff. of aminopterin (It) 1952

exogenous traum. & endogenous psychoses, eff. of reserpine, tofranil & chlorpromazine (Ger) 25369

exper. blast inj. in rabbits, electrophoretic analysis 12016

exper. cadmium chloride pois. in rabbits (It) 39364

exper. cholesterol-induced atherosclerosis, influence of renal hypertension in rabbits 6116

exper. emetine pois., eff. of methylandrostenediol & prednisolone in rabbits (It) 23760

exper. scurvy & inflamm. cond. in guinea pigs, electrophoresis (Fr) 21279

exper. scurvy in guinea pigs 2086

exper. scurvy in guinea pigs with turpentine-induced abscesses or tuberc. (Fr) 9010

exper. Shigella newcastle infect., eff. of vacc. & drug ther. (Rus) 55840

exper. silicosis (Fr) 47756

exper. tuberc., eff. of cycloserine & pyrazinamide in rabbits (It) 24928

exper. tuberc., eff. of isoniazid in rabbits in various exper. cond. (It) 24927

fract. (Cz) 35036

fract., in child. (It) 36790

fract., status indicated by blood protein levels in rabbits (It) 19257

glycoproteins & lipoproteins in plasma cell myeloma (Ger) 28948

glycoproteins & mucoproteins, changes in localized osteitis deformans (Fr) 54465

glycoproteins & other blood proteins in kidney dis. in child. & adults, diag. & progn. value (Sp) 44534

glycoproteins & proteins in osteoarticular tuberc., correlation in child. (It) 25613

glycoproteins & total proteins in cancer, carcinomatosis of bone marrow & myelomatosis (Sp) 6573

glycoproteins & total proteins in exper. obstruct. jaundice in dogs (Sp) 44481

glycoproteins & total proteins in postop. period in various patients (It) 9939

glycoprotein changes during develop. of exper. skin abscess in rabbits & rats (Fr) 3040

glycoprotein elevation in perideostosis 28106

glycoproteins in arteriosclerosis, regional levels, electrophoresis (It) 6820

glycoproteins in chronic obliterating arterial dis. of leg (Sp) 12998

glycoproteins in chronic obliterative arterial dis. of leg, electrophoresis (Fr) 977

glycoproteins in erythroblastic anemia, electrophoretic patterns (It) 27768

glycoproteins in rheum. arthritis & lipoid nephrosis in child. (Fr) 16372

glycoproteins, in rheum. dis., Diache test (Rum) 6586

glycoproteins in tuberc. in guinea pig (It) 44825

glycoproteins, lipoproteins & total protein changes in burn synd. (It) 27640

hepatic coma 329

hepatitis, determ. by colloid tests & electrophoresis (Ger) 33902

hepatoma, changes in proteins of blood returning from liver of DAB-treated rats (It) 55092

hexose mucoproteins in cancer & inflamm. dis., correlation with blood protein electrophoresis (Nor) 19947

hexose mucoproteins in hepatobiliary dis., correlation with liver funct. tests (Nor) 19945

hirsutism, electrophoretic changes 50437

histonic protein in peripheral lymphocytes in chronic myeloid leukosis (It) 13966

Hodgkin's dis., statist. study (It) 27755

hyperemesis gravidarum (It) 31479

hyperthyroidism, postop. changes (Rus) 22531

inf. nutrition disord. (Rus) 7903

inf. nutrition disord., electrophoresis (Fr) 24265

infect. hepatitis in child. (Rus) 7888

infect. hepatitis in pregn., electrophoresis (Ger) 46099

inflamm. dis. & liver dis., relation to leukocyte count, review (Ger) 39898

inflammatory bact. & viral CNS dis. 34089

influenza, Asian $A_1$ Singapore '57 type (It) 11957

intestinal obstruc. (It) 46584

iodinated protein in hyperthyroid patients undergoing radioiodine ther., relation to serum albumin 52396

isotonic protein content of erythroblasts in erythroblastic anemia, cytophotometry (It) 37468

juvenile diabetes (Sp) 44600

kidney dis. (Sp) 44488

kidney dis., diag. value (Pol) 8081

kwashiorkor in Italian child., electrophoretic patterns (It) 43476

leprosy, electrophoretic patterns during various phases of dis. (It) 9356

leukemia & plasma cell myeloma (Rus) 6039

leukemia, determ. (Sp) 53905

liver cirrhosis & adhesive pericarditis (Rus) 45695

liver dis. (It) 54210

liver dis., chronic 50011

lupus erythematosus, disseminated (Rus) 22160

macroglobulins, role in rheum. arthritis (Fr) 4734

malaria, tertian (Ger) 34330

malnutrition in child. 16313

mucoproteins, defic. in Marfan's synd. 12354

mucoproteins in cancer of prostate 5921

mucoproteins in cancer with liver involvement (Sp) 21779

mucoprotein, in exper. cholestasis & obstruct. jaundice (Sp) 53913

mucoproteins in rheum. fever, diag. value of determ. (It) 39889

mucoproteins in viral hepatitis & leptospirosis, differ. diag. value (Por) 39883

myeloma, plasma cell 39195

myeloma, plasma cell, electrophoretic patterns (It) 3867

myeloma, plasma cell, normal total protein & latent electrophoretic changes in 34-year old woman 14687

myeloma, plasma cell, origin of myelomatous protein & atypic biol. types (Fr) 53418

myeloma, plasma cell, pathol., immunoelectrophoresis (Fr) 21389

myocardial infarct, electrophoresis (Rus) 33886

nephrotic synd., comparison with orthostatic proteinuria, starch & immuno-electrophoresis (Fr) 53981

nephrotic synd., eff. of partition of unesterified fatty acids on electrophoretic pattern 40894

nephrotic synd., metab. (Fr) 14333

obstruct. peripheral vasc. dis. (It) 54214

occup. carbon disulfide pois. (It) 27466

onesa, pathogen. significance (It) 13496

paraproteinuria in plasma cell myeloma, review (Fr) 45015

peptic ulcer (Fr) 9641

peptic ulcer, eff. of proteinother. (Fr) 9642

peptic ulcer, electrophoresis (Bul) 33745

peripheral vasc. disord. in aged, blood protein-α-heparin-histone prep. ther. (Ger) 11215

plasma cell leukemia, normoproteinemic (It) 42620

pneumonia (Rus) 33156

polio. (Rus) 34708

polycythemia induced by cobalt chloride in guinea pigs, electrophoresis (Fr) 38757

polysaccharide/protein ratio in exper. arthritis in rats, eff. of hydrocortisone & phenylbutazone 31297

porphyria (It) 42625

pregn. toxemias, electrophoresis (Rus) 12147

prolonged lead pois. in animals (Rus) 49438

protein-bound carbohydrates in bronchial asthma, electrophoretic patterns 39237

protein-bound insulin in insulin-treated diabetics & normal subjects, comparison 28971

protein-bound iodine in thyroid dis., comparison with other diag. tests 1143

protein-bound polysaccharides in dys- & paraprotein anemic dis., comparison with extractable organic protein (Ger) 34148

protein-bound radioiodine in thyroid dis., diag. value, review (Fr) 25085

psoriasis, comparative eff. of edathamil & ultraviolet ther. on electrophoretic patterns of β-globulins & β-lipoproteins 5219

psoriasis, electrophoresis (Fr) 41940

radioiron uptake in hypochromic anemia in child., comparison with normal cond. (Rus) 43548

Reiter's dis., electrophoresis 36306

reticulum cell sarcoma caused by acrodermatitis chronica atrophicans (Ger) 39796

rheum. arthritis, Lugol solution precipitation test (Cz) 2749

rheum. fever (Sp) 27226

rheum. fever, paper electrophoresis (Rus) 20283

rheum. fever, perchloric acid soluble seromucoids & orosomucoids, determ., value in diag. & control (Fr) 25465

rheum. of NS (Rus) 34713

salpingo-oophoritis, eff. of pyrexal ther. (Ger) 18938

schistosomiasis japonicum in men & rabbits 888

Schoenlein-Henoch purpura (It) 42665

scleroderma 15270

scleroderma & Sjoegren synd. (Ger) 6093

scleroderma & Sjoegren synd. (Hun) 29155

skin dis., comparison of changes in collagenosis with other dis., electrophoresis (Sp) 21169

taraxein in schizophrenia, isolation & tox. eff. in mice (Rus) 34775

thromboangiitis obliterans (Pol) 30817

thyroiditis, subacute 40673

toxoplasmosis, electrophoresis (Pol) 33700

tuberc., cutaneous, eff. of isoniazid, streptomycin & vitamin D2 ther. (Pol) 44183

tuberc., determ. by Smithies' method of zone electrophoresis in starch gels 24734

tuberc. in child. (Rus) 43558

tuberc. pleural empyema, electrophoresis (Ser) 22352

tuberc., pulm. primary (It) 38834

tuberc., pulm. primary, review (It) 38833

typhoid fever, paratyphoid B & brucellosis, electrophoresis in antibody localization (It) 1937

vaccinia in calves (Ger) 55486

varicose veins & other peripheral venous disord. (Fr) 54125

venous in obliterative vasc. dis. (Pol) 30813

visceral leishmaniasis, electrophoresis 5169

Weil's dis., determ. (Sp) 53893

***metabolism***

absorp. from gut of young calf 44032

eff. of dietary protein on rate of blood protein turnover 50531

eff. of diets on distribution of protein fractions in rats (Ger) 42830

immune proteins in colostrum, intestinal absorp. in newborn ind., mechanisms, review 20039

synthesis of proteins in hemolymph by fat body of silkworm Bombyx mori 19562

turnover in hematuric cattle, study with labeled-methionine (Rus) 10930

turnover in mice after exper. blockade of RE system 31428

**BLOOD SEDIMENTATION**

appendicular test of erythrocyte sedimentation after appendicular massage for diag. of appendicitis (It) 27650

blood sedimentation tests on shipboard (Nor) 22234

correlation with C-reactive protein levels (Sp) 43913

eff. of adding detergent to plasma samples 48192

eff. of commissurotomy (It) 54226

eff. of parenteral infusions of emulsions containing soybean phosphatides & neutral fats in dogs 325

hist. review of sedimentation test 46940

in child. in Russia (Rus) 43550

indic. of clin. status in non-pulm. tuberc. (Fr) 54123

kinetics based on photoelectric method & automatic recording (Fr) 5771

kinetics, types of photoelectric curves (Fr) 15136

postop. (It) 35015

rate in open air & in copper container, using blood samples from animals, electromagnetic eff. of copper shield (It) 36777

relation of sedimentation rate to erythrocyte concentration (Fr) 22919

relation to blood proteins, electrophoresis (Ger) 15773

thrombocytosedimentation rate, relation to platelet-erythrocyte values (It) 27760

***determination***

by photographic cathetometry (Fr) 22918

cetyl-trimethyl ammonium bromide flocculation test in rate determ. (Fr) 51403

micromethod (Bul) 16408

on ships, sources of errors (Rus) 22623

***effect of drugs on***

antihistaminics, diag. value (Ger) 45972

prednisone ther. of rheum. fever (Fr) 9239

***in aged***

(Fr) 41938

***in various diseases***

hyperthyroidism, role of thyrotropic hormone (Ger) 46107

kwashiorkor 41463

leukocyte sedimentation in Hodgkin's dis., lymphosarcoma & reticulum cell sarcoma (It) 6914

leukocyte sedimentation rate in tuberc. & septic infect. (It) 6897

myocardial infarct, diag. & progn. value of determ. (It) 39652

plasma cell myeloma, diag. value 11914

plasmocytoma (It) 3887

pneumonia (Rus) 22156

pulm. tuberc., clin. value & correlation with Seabra lipase index (Por) 8790

pulm. tuberc., rate measurements in fasting & non-fasting states (Hun) 45468

rheum. arthritis, differential sedimentation test 35213

rheum. fever & rheum. heart dis., comparisons 13301

rheum. fever, clin. statist. 36536

silicosis & silicotuberc. (It) 39361

**BLOOD SERUM**

***see also*** **BLOOD PROTEINS**

color correlation with azobilirubin & yellow non-bilirubin pigments in normal sera, icteric sera & bilirubin dissolved in normal sera 32237

composition changes after inject. of trypan blue into rabbits 23790

Congo red binding to normal serum, comparison with binding to serum from patients with rheum. arthritis 32238

form. of bact. protoplasts by serum components 50598

gastric urease inhibitor in blood serum, possible antibody nature (Ger) 27911

interactions with yttrium ions & chelates in vitro 25405

***effects***

anti-proteolytic eff. of human & animal sera against Aspergillus flavus protease (Fr) 37833

bactericidal activity of rabbit serum against Bacillus subtilis, eff. of heparin, citrate, protamine & x-irradiation 17404

bovine fraction VI, eff. on thyroid funct. in rats 44074

bovine fraction VI, thyroid depressent activity 44075

cytotoxic eff. of normal human serum on various human cells propagated in vitro 23464

eff. of intracutaneous inject. on capillary permeability in eczema, study with sodium fluorescein 33709

eff. of intracutaneous inject. on capillary permeability in normal humans, study with sodium fluorescein 23708

embryonic inductive capacity 24850

enzymatic action of rabbit blood serum on cortisone acetate & hydrocortisone acetate 9575

horse serum, reflex eff. on blood coagulation after inject. into carotid sinus perfusate in dogs (Rus) 13840

human serum on survival of total-body x-irradiated mice 10141

inhib. by normal human serum of formate & glycine incorporation by leukocytes 20786

on neurosecretory substance of hypothalamo-hypophyseal system in rat 34403

***BLOOD SUBSTITUTES*** ***see*** **PLASMA SUBSTITUTES**

**BLOOD SUGAR**

***see also*** **GLUCOSE**

***see also*** **HYPERGLYCEMIA**

***see also*** **HYPOGLYCEMIA**

cardiovasc. disord., eff. of blood sugar changes on orthostatic ECG (Ger) 49029

in hypothermia, eff. of insulin in rabbits (Pol) 39519

in thoroughbred race horses, eff. of systematic train. & comparison with ordinary horses 48467

random levels among ambulant women, evaluation 28150

***determination***

by auto-analyzer technic, apparatus, limitations & value 12319

deproteinization technic by calibrated drops of zinc sulfate & sodium hydroxide drops (Sp) 9870

determ. of fermentable sugar in small quantities of blood (It) 36805

electrophoresis in various dis., diag. value (Por) 1571

electrophoresis with toluidine blue, normal values (Ger) 12066

enzymatic determ. (It) 37291

enzymatic spot test 38556

Folin-Wu & Somogyi-Nelson photocolorimetric technics, comparison (Fr) 47383

glucose oxidase paper method for rapid screening 27251

in untreated serum samples 18039

in various vasc. regions in rabbits (Ger) 33993

modified micromethod for use on fish blood 14616

phenylaniline test in pregn., inflamm. of true pelvis & female genital tuberc., differ. diag. value (Hun) 10569

rapid method, dextrotest (Fr) 10682

relation to lowered basal metab. rate in Indians 40073

***effect of drugs on***

ACTH, in rabbits (Sp) 21159

alkyl esters of p-tolylsulfonylcarbamic acid in rabbits (Fr) 3082

aromatic & heterocyclic acids, hypoglycemic eff. in rabbits (Fr) 48802

arterenol in rabbits (Sp) 21149

arterenol or epinephrine on levels in dogs, influence of chlorpromazine or yohimbine (Fr) 36562

arylsulfonamides, mechanisms of sugar reduction in normal or diabetic subjects, review (Dut) 37030

arylsulfonamides, mechanisms of sugar reduction, review (Dut) 37029

bromides & chloral hydrate in dystrophic inf. (Fr) 25446

carbutamide, in diabetics (It) 13518

carbutamide, in diabetic & normal subjects (Ger) 11190

carbutamide in normal cond. (Pol) 8099

carbutamide, in pancreatectomized dogs (Ger) 11191

carbutamide in pregn. diabetics (It) 9415

carbutamide on portal, suprahepatic & peripheral arteriovenous blood sugar after admin. of glucose, in dogs, mechanism of action (It) 36802

carbutamide on rats 11911

carbutamide on total or partially pancreatectomized dogs (Ger) 35263

chloramphenicol (Rus) 36378

chlorpromazine (Cz) 30236

chlorpromazine, in adrenalectomized rabbits & rats (Ger) 49265

1,1-dimethylbiguanide, pharmacol. in various animals (Fr) 32946

dodecamethylene diguanide & phenylethyldiguanide, comparative hypoglycemic eff. (Ger) 15928

estradiol dipropionate, in females (It) 53680

glucagon eff. after prolonged admin. in rabbits 3423

glucagon loading test on healthy & diabetic child. (Ger) 16381

glucocorticoids 49171

hexobarbital anesth. in electroshock ther. of endogenous depression & schizophrenia (Ger) 27017

hydrogen sulfide & sodium sulfide (Rus) 3578

indolacetic acid alone & with carbutamide (Cz) 38241

insulin & tolbutamide, immediate eff. after intravenous admin. 31288

insulin & tolbutamide on plasma glucose turnover & oxidation in humans 33064

insulin in deep hypothermia in rabbit 36807

iodoacetic acid & iodoacetamide, hypoglycemic eff. in rats 7158

neostigmine regulation in diabetic & non-diabetic patients (Ger) 39051

1-phenylethylbiguanide in hydergine- & epinephrine-treated animals, central mechanism of action & eff. of chem. structure & dose of guanide cpds. in blood sugar response (Ger) 1603

somatotropin on levels in adrenalectomized & in adrenal medullectomized rats 35110

testosterone propionate in rabbit 13462

thioctic acid, in normal child. (It) 42762

tolbutamide in glycogenesis, determ. of site of action (Fr) 21283

tolbutamide, in recently pancreatectomized dogs treated with insulin, synergic action (Fr) 26720

tolbutamide on levels in pigeons (It) 13949

tolbutamide, quick response test for determ. of ther. value in various cases (Ger) 42326

***effect of radiations on***

x-ray ther. of lung cancer (Ger) 32673

***in infant and child***

in newborn inf. & child. (Ger) 34124

in newborn normal & macrosomatic inf., eff. of oral admin. of glucose (It) 13101

total sugar, galactose & glucose in blood of premature newborn & inf. several months old after lactose admin. (It) 29726

***in pregnancy***

in normal & pathol. pregn., eff. of glucose admin. (It) 9400

in pregn. & pregn. toxemias (Rus) 12150

***in various diseases***

aplastic anemia, glucose metab. in erythrocytes & leukocytes 48064

asthma, eff. of ACTH (Rus) 51218

cyclic vomiting in child. 286

37708

exper. biliary stasis, role of renal parenchyma in regulation of glucose metab. & blood sugar curves (It) 24937

hepatitis, acute, after protein loading in determ. of pituitary gland & adrenal cortex funct. (Ger) 49126

hypercholesterolemia & hyperlipemia 29527

hyperthyroidism, eff. of radioiodine ther. (Rus) 53453

mest. disord., diag. & ther. value of changes in blood levels (Cz) 2757

peptic ulcer (Ger) 23171

peripheral vasc. dis. (Pol) 30816

Plasmodium knowlesi infect. in monkeys, exper. study 25070

postmortem changes in various dis., value in determ. of time of death (It) 6921

progr. musc. dystrophy, comparison of venous & arterial blood sugar (Fr) 38520

rheum. arthritis 24103

***metabolism***

entry & removal rates, eff. of insulin & tolbutamide 3352

erythrocyte utilization of glucose & permeability in various mammals 4817

measurement in rats of peripheral consumption after glucose admin. (Fr) 26842

pool size, turnover rate & oxidation rate in anesthetized warm- & cold-acclimated rats exposed to warm environment 48468

turnover in anesthetized warm- & cold acclimated rats exposed to cold 48458

***physiology***

correlation of fall of blood sugar with weight reduction 17763

eff. of acute closed cranio-cerebral inj. of varying severity 11886

eff. of blood sugar levels on urine uric acid levels in pregn. & non-pregn. women 32219

eff. of conditioned reflexes (Rus) 11516

eff. of DDD-induced exper. adreno-cortical partial atrophy (Fr) 26840

eff. of effort (Fr) 15158

eff. of exper. funct. disord. of cerebral cortex on levels in dogs (Cz) 9496

eff. of exper. limb ischemia on blood sugar levels in rats 37569

eff. of fasting in normal rats (Fr) 26841

eff. of hemidecortication in rat 29528

eff. of level on glycolytic activity of erythrocytes 3468

eff. of rapid intravenous overloading on arterial & venous levels in dogs (Fr) 15159

eff. of repeated medication sleep (Rus) 7791

eff. of selective abdom. arteriography (It) 42529

eff. of temperature of dietary fluids in exper. animals (Hun) 20168

failure of blood glucose levels to reflect hepatic glycogenolysis after glucagon admin. in rats 20783

glucose-sensitive receptors in rabbits (Cz) 38224

hypoglycemic activity of blood draining from pancreas, potentiation by hypoglycemic sulfonamides in dog (Fr) 38665

post-prandial, homeostatic control 27108

reflex regulation of sugar content in human blood (Rus) 13841

regulation by liver, review 46956

regulation, eff. of exper. ligation of pancreatic duct, subtotal pancreatectomy or extensive destruction of pancreas in rats (Ger) 35262

regulation in ducks, role of pituitary & adrenal hormones (Fr) 25520

regulation, role of dynamic changes in cerebral cortex (Cz) 21553

## BLOOD TRANSFUSION

*see also* BLOOD, PRESERVED

blood group typing & compatibility tests 2552

Blood Transfusion Center in Martinique, statist. (Fr) 1437

citrate method, review 11936

cold-resist. blood, evaluation (Rus) 9890

comparative effectiveness of fresh & lyophilized platelets in controlling irradiation hemorrh. in rats 44134

compl. & indic. (Fr) 9508

determ. of ABO & Rh(D) blood groups, technic 6497

determ. of requirements during & after surg. by measurement of circulating blood volume with radioiodine-labeled serum albumin 50185

direct transfusion to ambulant patients, indic. & technics 46850

donors, clin. & hematic behavior immediately after donation (It) 44172

donors, eff. of repeated donations on iron metab. (Ger) 21647

donors, iron metab. 55345

donors, iron metab. (Dut) 7320

donors, iron metab., determ. by oral iron admin. (Ger) 6696

donor recruitment program in Ibadan, Nigeria 41461

donors, universal, risks (It) 25696

emergency transfusion 41423

erythrocyte suspension in dextran in exchange transfusion (Bul) 45281

erythrocyte transfusions, prep. & indic., review (Fr) 10968

exchange, as method for studying regeneration processes in blood circ. (Ger) 23594

exchange, in newborn, new technic (Fr) 21750

fibrinolyzed cadaveric blood (Rus) 27315

half & complete cross-matching procedures (Ger) 52245

hist. note 25685

in Czech. (Cz) 48678

in first-aid stations in military combat zones, methods & preserv. & supply of blood (Sp) 51627

in gynecol. & obst., statist. (Hun) 41986

in Russia (Rus) 22519

in surg., indic. 22091

in thoracic surg. (Rus) 33536

intra-aortic, clin. evaluation (Rus) 41526

intra-arterial & intravenous, comparative evaluation in agonal cond. (Rus) 22525

intra-arterial forced admin. of oxygenated blood in agonal states (Rus) 22524

intra-arterial, forced, in agonal states (Rus) 22522

intra-arterial, in agonal cond. (Rus) 22523

intra-arterial in resection of lungs (Rus) 5959

intra-arterial, in severe shock in human & animal subjects (Rus) 41535

intraosseous, in child. (Rus) 22527

intra-osseous in psychiatry (Rus) 34696

leukocyte transfusions, problems 11931

lyophilized platelet concentrates, comparison with fresh platelets in vitro & in vivo (Fr) 41142

maintenance of fibrinogen levels during exchange transfusion (Ger) 23624

mass transfusions in disasters (Nor) 22238

minor crossmatch routine use, value 12273

misuse 25931

of total blood, plasma & platelets, indic. & ther. possibilities (Sp) 51632

placental, new method (Ger) 11456

platelet & platelet substitute transfusions, symposium 13877

platelet transfusions, indic. in platelet abnorm. 39931

post-transfusional compatibility tests, indic. & technics (Fr) 21329

pre-transfusion group-compatibility tests & difficulties caused by poly-agglutinable erythrocytes (Cz) 2732

progr. (Fr) 41112

reciprocal transfusion, new method (Ger) 27452

relation to blood groups 38054

requirements in disasters 6771

role of massive transfusion in hemorrh. in heart surg. patients 28139

serv. aboard commercial ships (Dut) 29959

significance of irregular $\alpha_1$ & $\alpha_2$ antibodies for serol. pretransfusion tolerance test (Ger) 22810

survival of group AB erythrocytes in group A recipient 33662

use of edathamil sodium as anticoagulant (It) 39653

***apparatus and instruments***

disposable plastic transfusion-giving set 51347

***complications***

ABO & Rh incompatibility (Fr) 26968

afibrinogenemia 37743

anti-O antibody causing hemolytic compl., serol. studies 33763

bact., caused by preserved blood transfusion (Ger) 25246

circ. overloading during & following transfusion, prev. with packed erythrocytes & atropine & morphine inject. 12263

common reactions 26435

contamination of transfusion blood, control 11938

exchange transfusion in newborn & premature causing cardiac insuff. & potassium & citrate loss (Ger) 34094

fever reactions, relations to basic character of dis. (Ger) 27451

frequent causes (It) 15891

hazards & indic. in surg. 54776

hazards of massive transfusions (Fr) 42428

hemolysis of transfused cells during use of inject. technic in inf. 43507

hemolytic reaction due to anti-Fya 50054

hemorrh., cardiac arrest & tetany, relation to citrate pois., exper. study 13847

hemorrh. in massive transfusion 54696

immediate non-hemolytic reactions, statist. analysis 35172

incompatibility caused by undetected sensitization 33666

incompatibility causing hemolytic reaction, statist. 54732

iso-immun. after transfusion causing habitual abortion (Sp) 42210

liability of physician in errors (Ger) 19066

non-hemolytic reactions 11935

non-hemolytic reactions & allergy (Ger) 11937

nonhemolytic reaction, prev. with calcium-sandostene prep. (Ger) 11048

reaction caused by anti-M isoantibody 24403

Rh incompatibility (Rus) 22521

23539

shock during intramedullary inject., case report (Fr) 19353

siderosis 51830

thrombopenia, develop. of anticoagulant factors labile to contact in repeated transfusions (It) 20817

uncontrollable postop. hemorrh. after incompatible blood transfusion 14286

***effects***

changes in ionized calcium during massive transfusion (Fr) 53996

citrated blood transfusion, on blood coagulation (It) 27627

human blood on survival of total-body x-irradiated mice 10141

on blood coagulation & application in ther. of coagulation disord. (It) 32105

on blood coagulation in recipients, thromboelastography & relation to transfusion reactions (It) 44810

on coagulation factors (It) 39761

on duration of apnea due to succinylcholine (It) 14013

on higher nerv. activity in rats (Rus) 11519

on iron content of various tissues (Pol) 20185

on total circ. proteins & electrophoretic patterns, relation to blood volume (It) 25582

repeated inject. of same blood inducing antileukocyte & antiplatelet immun. (Fr) 54303

*experimental*

cross-transfusion studies in rats, nerv. & humoral responses 17959

defense-adaptation reactions to small amounts of heterogenous blood (Rus) 48036

eff. of exchange transfusion with erythrocytes on blood cholesterol (Ger) 23608

eff. of iso-hemotransfusion on heart arterenol in rabbits (Rus) 48037

heterologous blood causing shock, etiol. role of vasc. receptors & CNS, review (Pol) 32178

heterologous blood causing shock, mechanism & peripheral blood changes (Pol) 24060

intra-arterial, comparative effectiveness of arterial & venous blood in dogs (Rus) 27310

intraperitoneal transfusion of labeled erythrocytes in dogs, absorption & survival of erythrocytes 10089

iso-antigenic incompatibility in dogs (Rus) 8263

iso-hemodynamic transfusion causing severe hypotension in normal dogs, relation to blood incompatibility 24039

maternal transfusion in prev. of exper. fetal erythroblastosis in rabbits (Ger) 12181

reactions due to plasma incompatibility in dogs 48729

*in various diseases*

acute gastrointestinal hemorrh., determ. of erythrocyte loss & replacement 31593

acute renal failure, exchange transfusion 14708

anemia, erythroblastic, in chils., use of fresh plasma (It) 43474

asphyxia neonatorum, with arterial heparinized blood 284

erythroblastosis fetalis, eff. of exchange transfusion on fetal & adult hemoglobin in inf. (It) 25580

erythroblastosis fetalis, eff. of exchange transfusion on fetal & adult hemoglobin in inf; variations with time (It) 25581

erythroblastosis fetalis, method of late exchange transfusion (Ger) 42867

exchange & simple blood transfusion in fetal erythroblastosis, seq. after early & late ther. (It) 26614

exchange, in Clostridium perfringens septic toxemia with acute renal failure in criminal abortion (Sp) 30238

exchange, in ferrous sulfate pois. in inf. 5730

exchange in fetal erythroblastosis (Fr) 21752

exchange, in fetal erythroblastosis, eff. on subsequent develop. of inf. (Fr) 27704

exchange in fetal erythroblastosis, technic & results 33663

exchange in fetal erythroblastosis, technic & statist. 5581

exchange, in hyperbilirubinemia in inf. 16679

exchange, in hyperbilirubinemia in newborn 41788

exchange, in hyperbilirubinemia in premature inf. 41789

exchange, in hyperbilirubinemia in premature inf. 53507

exchange, in kernicterus in premature inf. 13415

exchange, in neonatal jaundice with hyperbilirubinemia 55281

exchange, in salicylate pois. 7444

exchange, in severe salicylate pois. in child. 48787

exchange transfusion in ABO & Rh incompatibilities in newborn, determ. of blood regen. by differential agglut. method (Fr) 45009

exchange transfusion in hemolytic anemia & hyperbilirubinemia in newborn, results (Ger) 51195

exchange transfusion through internal jugular vein in fetal erythroblastosis (Ger) 52175

exper. fetal erythroblastosis in hogs & rabbits, prev. value (Hun) 41815

gastrointestinal hemorrh., transfusion response as guide in management 151

hemolytic anemia caused by lymphosarcoma, with prednisone (Fr) 21334

hemophilia (It) 44808

hemophilia A, develop. of antibodies, case report (Pol) 8065

hemophilia, control by quantitative determ. of antihemophilic globulin (It) 27757

hemophilia, eff. of fresh serum on coagulation (Tur) 55084

hemophilia, lack of antibodies to clotting factors in hemophiliacs refractory to transfusion 10334

hemorrh., chronic in gyn. dis., eff. of hemoglobin level on circ. & resp. (Ger) 18940

hemorrh. in acute leukemia, comparative ther. value of fresh & preserved whole blood 43142

hemorrh., problems & compl. (Sp) 51633

hemorrhagic shock 54777

leukopenia after x-ray ther. (Rus) 51763

liver cirrhosis, perop. hemorrh. 46949

lymphatic leukemia, combined with cortisone & chlorambucil ther. (Fr) 50773

massive gastric hemorrh. (Dut) 19730

metrorrhagia, with vitamin K supplement (Rus) 12129

pediatric dis. in rural hosp. (Rus) 45233

platelet-rich transfusions of blood in thrombopenia, platelet survival & thrombocytopoietic eff. of transfusion (It) 44811

pulm. tuberc., in combined ther. (Rus) 54566

pulm. tuberc., with drug ther. (Rus) 31200

purulent lung dis., surg. (Rus) 5955

radiation dis. 14282

severe inj. & shock (Rus) 44019

thrombopathic hemorrh., hemostatic eff. of transfusions of concentrated dried plasma (Fr) 54306

thrombopenia in child., performance with siliconized equip. (It) 8052

**BLOOD VESSELS**

***see also* ARTERIES**

***see also* CAPILLARIES**

***see also* VASCULAR DISEASES, PERIPHERAL**

***see also* VEINS**

***anatomy and histology***

vital microscopy in animals pretreated with hormones & antihistaminics after local admin. of anaphylatoxin, histamine & serotonin (Ger) 22995

***effect of drugs on***

***see also* VASOMOTOR DRUGS**

acetazolamide on isolated perfused vessels of dogs & frogs 4202

acetylcholine, dual vasodilative & vasoconstrictive action on hindlimb perfusion prep. of Japanese toad 55434

anaphylatoxin, histamine & serotonin in exper. animals, vital microscopy of vasc. reactions after local admin. (Ger) 11237

anticoagulants on arterial wall, dilation & permeability of arteries of rabbit ear (Ger) 23018

autonomic drugs on arteriovenous anastomoses in rabbit ear, direct microscopy (Rus) 1756

carbon dioxide during inhalation anesth. 2037

cations & anions, on irritability of peripheral interoceptors (Pol) 24061

dextran, heparin & serotonin 38620

embryonal heart extract, peripheral vasodilating eff. (It) 16029

epinephrine & ethylmorphine on peripheral vessels, reactivity in peptic ulcer (Pol) 30866

epinephrine, eff. of endotoxin on vasc. reactivity in perfused dog forelimb & lung 44116

epinephrine vasomotor eff., potentiation by hydrocortisone (Fr) 26780

hypotensive drugs, vasomotor activity, relation to electrolyte metab. (Fr) 13466

procaine infusion into CSF on vasomotor funct. in cats & dogs (Ger) 30509

reserpine & serotonin, attempted prod. of allergic vasc. reactions in rabbits (Fr) 40133

salicylates, on reactivity to various factors (Rus) 39344

serotonin, eff. of tone on responses of large & small vessels 48735

serotonin on acetylcholine-sensitive nerve endings of peripheral vessels (Ger) 23613

N-substituted 2-amino-oxazolines in dogs (Fr) 15068

sympathomimetics on volume of blood vessels in cats (Hun) 29183

synthetic angiotonin cpds. on isolated vessels of limbs of rabbits, comparison with various vasoconstrictors (Fr) 36573

synthetic epinephrine deriv., vasodilating eff. 6565

tween 80 on peripheral blood vessels in cat (Ger) 23603

venom of spider Latrodectus mactans, vasoconstrictive & hypertensive action, mechanism (Fr) 36731

***effect of radiations on***

changes, determ. by angiography in animals (Rus) 10823

changes in exper. wds. in rabbits (Rus) 27309

*in various diseases*

heart dis., relation to aging (Sp) 8735

hypertension, adaptive structural changes of vasc. walls & their relation to control of peripheral resist. 46694

hypertension, behavior of unconditioned vasomotor reflexes & reactivity of peripheral vessels to epinephrine & ethylmorphine (Pol) 30857

peripheral vasc. bed in pregn. toxemias 3005

role of small vessels in pathogen. of histaminic cephalea (It) 42586

vasomotor reactions to cold stimuli in rheum. arthritis (Rus) 31123

vasomotoricity in endocrine dis. with & without arterial hypertension (Rus) 44010

***innervation***

18054

***metabolism***

catecholamines, uptake & breakdown 13004

endothelium, histochem. (Ger) 48789

mucopolysaccharides, relation to elastic fibers & endothelial cells 51029

***pathology***

in cancer of lung, incidence of blood vessel invasion 54710

in diabetes mellitus, review 43277

in diabetes mellitus, review (Ger) 15640

in rheum. dis. (Rum) 31129

in rheum. heart dis. (Rum) 31139

in rickettsial dis. (Ger) 52260

in rickettsial dis., serol. findings (Fr) 8251

localization of colloidal substances in vasc. endothelium, mechanism of tissue damage 47080

occlusion in sickle-cell anemia, type of occlusion, site & mechanism 8399

relation to pathogen. of hemorrh. diathesis in child. (Ger) 55512

vasc. lesions in exper. odoratism, rates of growth & of remodelling as factors in genesis in rats 4971

***physiology***

arteriovenous anastomoses, funct. demonstration & hemodynamic regulation in hind limbs of dogs 24016

critical closing pressure & vasomotor tone of vessels of hind leg in cat 47142

dilat., eff. on blood coagulation (Fr; Ger) 24787

dilat., eff. on finger rewarming, formulation 46362

dilat. induced by radiant heat in man, influence of bact. pyrogen inject. 51108

eff. of Arthus phenomenon in rabbits 11745

eff. of colloid-casein infusion prep. on vessel wall of rabbits (Rus) 52904

eff. of exper. ligation on distribution & degradation of parotin injected into rats 15585

eff. of local high frequency vibrations on tonal state of peripheral vessels (Rus) 33331

eff. of noise on vasc. reaction in indust. & laboratory cond. (Rus) 33332

interreceptor vasc. appar. (Rus) 28812

nerv. & humoral responses of isolated innervated rat limb to acute blood loss in exper. cross-transfusion 17959

peripheral vasc. reactivity in normal dogs & in dogs with adrenal atrophy produced by rhothane 24044

permeability, neurotrophic factors (Rus) 52053

resist. to flow in vasc. beds 29878

sequence of vasc. events in early infective inflamm. in guinea pigs 5672

systemic vasomotor reactions, regulation by cutaneous vasc. system, review (Pol) 30744

tox. interoceptive reactions to Ascaris extracts (Rus) 18889

vasc. factors in birth inj. 53510

vasc. receptors in etiol. of exper. shock after heterologous blood transfusion, review (Pol) 32170

vasc. resist. changes in forearm during exper. hypoxia in young adults, mechanism 17960

vasoconstrictor fibers in lumbar sympathetic nerve in dogs, eff. of stimulation in dogs (Ger) 30500

vasomotion in large & small vessels 4150

***surgery***

dacron prosth. (Fr) 16993

in U. S. Armed Forces, review 51955

inert vasc. prosth. (Fr) 42450

new vessel-suture appar. 23693

nylon grafts, eff. on endothelial growth (Dut) 29945

*transplantation*

autogenous & plastic grafts, pulse transm. in dogs 54736

autoplastic cutis vasc. graft 11795

freeze-dried, exper. & clin. evaluation (Rus) 45674

freeze-dried, storage in glass fused ampule containers (Rus) 45676

lyophilized grafts, evaluation (Hun) 51431

technic (Rus) 45675

*wounds and injuries*

early diag. & surg., value 10102

in orthopedic patients 40609

restorative surg. in military field cond. (Rus) 45880

surg. indic. & technics 32723

war inj., surg. (Dan) 22415

**BLOOD VOLUME**

cell volume, plasma volume & total blood volume in monkey 47135

cell volume, plasma volume & total blood volume in normal & splenectomized rats 47136

clin. determ. in surg. patients with weight loss 11866

in aged surg. patients (It) 42536

in aquatic & in nonaquatic birds, comparison 742

in cat 30650

in major orthopedic surg., determ. of changes in circulating volume with radioiodine-labeled serum albumin 50185

postop. determ. (Pol) 43629

*determination*

by Evans blue dye, elimination of interference from hemolysis & turbidity by spectrophotometry of dye 17606

by Evans blue dye, simple, rapid & accurate technic for extraction of dye 17607

by Evan's blue method, modified technic 38617

by Evans blue method, technic for extraction of dye 4896

by Evans blue, radiochromium & radiophosphorus tests (Ger) 18320

by indicator-dilution method 14344

by radiophosphorus-labelled polyphosphate (Ger) 12095

dextran-dilution technic in dog & man 15057

dye inject. technic 32259

in inf., method (It) 42785

42795

in late & prolonged pregn. 50971

in rabbits, erroneous results with Evans blue method 743

in surg. patients, Evans blue method (Por) 44443

isotopic technics 4320

method & value in surg. 54707

method using isotope-labeled plasma (Sp) 44426

methodol. & actual error of plasma volume determ. 54664

minute volume determ. in hypertension, x-ray kymography (Rus) 33257

modified radiochromate method in aged 24761

photometric method after lipemia clearing by heparin (Fr) 24783

plasma & blood mixtures, with special canula (Ger) 397

polyglucin method (Rus) 18305

pulm. volume in normal & pathol. lung, review (Fr) 26203

radiochromium labeled erythrocyte technic (Ger) 18335

radiochromium technic (Ca) 48603

radioiodine-labeled serum albumin method & dye dilution method used simultaneously (It) 29718

radioiodine-labeled serum albumin method, appar. & technic (It) 29713

radioiron & radiochromium method, comparison of plasma & erythrocyte volumes (Ger) 34021

simultaneous determ. by Evans blue & dextran, demonstration of increased vasc. permeability in edema & infect. 38622

simultaneous measurement with Evans blue & improved radioiodine-albumin method 4679

*effect of drugs on*

digitoxin in normal & in pregn. rats 24818

*in various diseases*

central volume in mitral stenosis, relation to x-ray aspects of pulm. vasculature 35636

congestive heart failure, changes in circ. blood volume (Sp) 29372

congestive heart failure, review (Sp) 42234

congestive heart failure with edema, relation to venous pressure & blood sodium (Pol) 30798

*physiology*

changes during lactation period in rats 3414

dependence of volume of circulating blood on fatty tissue content of body (Ger) 23014

eff. of artif. hypothermia in dogs (Ger) 30578

eff. of decrease in circulating blood volume on coagulation in human volunteers (Ger) 27182

eff. of denervation of carotid sinus & vagotomy on diuresis following expansion of plasma volume in dogs 48449

eff. of exper. hemorrh. on plasma volume of various organs of dog 12494

eff. of hypophysectomy alone & with somatotropin admin. in male rats 35103

eff. of hypothermia & chlorpromazine in exper. hemorrhagic shock 35936

eff. of hysterectomy (It) 26613

eff. of increased blood volume on blood coagulation (Ger) 33973

eff. of minor surg. on total blood volume 15060

eff. of semistarvation on organ & tissue blood volumes in rats 5547

eff. of volume changes on aldosterone secretion 40695

induced hypervolemia, eff. on cardiac funct. in normal subjects & patients with mitral stenosis 50460

maintenance of relatively constant blood volume during cardiopulm. bypass, hemodynamic mechanisms 22012

mechanism of renal response to plasma volume expansion in dogs 48450

peripheral volume pulse, basic pattern & changes with resp. rhythm, finger plethysmography (Ger) 23597

regulation, expansion of plasma volume after rapid decrease of circulating blood volume in man (Ger) 23015

relation to measured external blood loss at normal delivery 35269

repeated bleedings, eff. on coagulation factors (It) 39761

**BODY COMPOSITION**

autogenous substances, dilution method of determ. (Ger) 23057

eff. of sex hormones on castrated rats 46367

method for preparing intact animals for carcass analysis 50731

normal & abnorm. types 5251

simultaneous determ. of various constituents by dilution method 5749

*effect of drugs on*

amino acids & chlortetracycline, comparative eff. in rat (Fr) 38682

testosterone propionate in normal rat 39192

*in various diseases*

polio. 50720

**BODY CONSTITUTION**

biotypol. of myopic man (Fr) 36694

eff. of body size & weight on renal clearance of para-aminohippuric acid, in child (Ger) 42664

genotype as factor influencing smoking habits & significance in etiol. of lung cancer, twin studies 7246

hereditary or acquired nature of prenatal aberrations of constitutional develop., anat.-histol. study (Ger) 34208

modifications of lung image according to body constitution (Sp) 27237

prenatal prognostic test (Ger) 34210

relation to dent. caries, gingivitis, intelligence & place of residence in 15-year-old Royal Naval entries 41427

relation to focal infect. (Ger) 35593

types & projective drawing tests (Ger) 34204

types, correlation with personality & physiognomy (Fr) 18620

types, relation to osteochondritis (Fr) 45788

typol. of delinquent child. & adolescents (Fr) 991

*in various diseases*

constitutional factors in behavior disord. in child. (Ger) 15813

constitutional factors in etiol. & pathogen. of ment. disord. 15855

constitutional factors in etiol. of abnorm. & allergic, endocrine & internal dis., review (Ger) 42869

coronary atherosclerosis (It) 42617

correlation between forms of epilepsy & body constitution types (Ger) 39045

pre-eclamptic toxemia 20876

rheum. & multiple sclerosis (Ger) 19417

tuberc., eff. on ECG & reaction time (Ger) 22885

**BODY FLUID BALANCE**

*see also* **ACID-BASE EQUILIBRIUM**

basic principles for understanding of water-electrolyte balance (Por) 44436

chem. & physiol. 3002

conf. (Pol) 30778

disord. & physiol. of water & salt metab. (It) 7661

disord. & ther., review (Ger) 49673

disord., clin. value of determ. of extracellular thiosulfate space (Pol) 30784

disord., compensative ther. (Pol) 30781

disord., correction in surg. patients in prev. of thromboembolism (Fr) 43653

disord., determ. of antidiuretic action of urinary extracts (It) 13960

disord., diag. & ther. 31255

disord., diag. problems 13178

disord. in surg., ther. 8468

disord. in surg., trauma & dis., review (Ger) 44931

disord. induced by chronic admin. of lysergic acid diethylamide in rabbits, eff. of chlorpromazine & 10(N-piperazinyl-carbonyl) phenothiazine (Fr) 26818

disord., role of hormonal regulation disord. in pathogen. (Ger) 11019

disord., sympt. 31254

disord., ther. with standard fluids (Pol) 30783

eff. of adrenalectomy in rats (Ger) 15013

eff. of dry heat in Finnish sauna bath 24858

eff. of exercise in hot environment on nyctohemeral rhythm (Fr) 48900

eff. of monolateral adrenalectomy on water-electrolyte balance in guinea pigs (It) 1500

eff. of rapid water, sodium & dextran loading in intact infused anesthetized dogs 12547

eff. of rapid water, sodium & dextran loading on ascites form. in intact & in diabetes insipidus infused dogs 12548

eff. of stress, 1-(p-3-diethylaminoethoxyphenyl)-1-phenyl-2-p-anisylethanol & 19-nor-Δ4-androstene-17β-ol-3-one-17α-(3-one-17α-(3-propionic acid γ-lactone in women 12413

eff. of surg. on insensible body weight loss 36322

eff. of thermal baths on water-electrolyte metab. (Pol) 30788

eff. of total-body x-irradiation on water-electrolyte balance of spleen, dosage-dependence of eff. (Ger) 46177

electrolyte disord. in iodide ther. of pulm. aspergillosis with cavitation 52644

in anesth. (Fr) 416

in lizards 51102

in normal & adrenalectomized rats, eff. of salt-loading (Ger) 38518

in trauma, surg. & dis.. review (Ger) 44926

44935

losses from total body sucrose space in salt-depleted rats, comparison with total body & tissue losses of sodium & chloride 47108

maintenance & fluid ther. of disord. 40339

maintenance & replacement ther. in daily hosp. practice 29254

maintenance in postop. period (Por) 8750

maintenance in surg. patients, parenteral infusions requirements 6965

maintenance of total body water, review 32362

osmotic regulation, eff. of vasopressin (Ger) 35579

physiol. (Ger) 49673

postop. changes in volume of total body water, calculation from postop. changes in body weight 51917

postop., comparative eff. of glucose & fructose admin. on excretion of hexose, water & electrolytes 11885

postop. in partial nephrectomy, eff. of sodium & potassium chloride admin., in rats 26719

postop. loss with gastrointestinal fistula, management (Por) 39985

postop. maintenance with oral bouillon feedings 17501

regulation by vasopressin (Ger) 39066

regulation of water balance in edema 23401

regulation, review (Ger) 55469

role of capillaries in water-electrolyte metab., review (Pol) 30806

total water exchange in man, estimation by heavy water 8023

water content-electrolyte concentration in light hypoglycemic states (Pol) 30795

water-electrolyte exchange in human jejunum, dynamics 40699

water-salt exchange after collapse ther., eff. of heat & perspiration (Sp) 8788

*effect of drugs on*

adrenal cortex hormones on fluid & electrolyte shifts in fasted adrenalectomized dogs 31304

aldosterone in rat 35800

cortisone, DOCA & vasopressin with cortisone in pituitary insuff. (Ger) 41758

11-hydroxycorticosteroids on balance in force-fed rats 31375

iodine in hypertension ther. (Ger) 11000

magnesium reload (Fr) 47350

mercurial diuretics in patients with edema (It) 6873

mercurial diuretics on water-electrolyte metab. in congestive heart failure (Pol) 30799

17α-propyl-estrane-17β-ol-3-one in DOCA-treated rats 41038

salicylates in accid. pois. in cmld. (Sp) 21136

synthetic oxytocin with & without acetazolamide on water, sodium & potassium excretion in rats (Ger) 15675

*in infant and child*

comparison in inf. & child. (Ger) 13092

disord. in child. (Ger) 49676

disord. in child., solutions for & technics of parenteral, oral & rectal fluid admin., review 53012

disord. in child with third degree malnutrition & multiple infect. (Sp) 48088

in inf., maintenance by Synder technic (Sp) 25675

in normalcy & dis. 51536

maintenance in surg. of inf. & young child. (It) 24940

postop. disord. in child., prev., diag. & ther. (Sp) 39095

renal structure & funct. assoc. with body fluid regulation in child., review 52996

water-electrolyte disord. in child., physiol. basis for estimating parenteral fluid requirements, review 52995

*in various diseases*

brain tumors (Rus) 22665

cardiac insuff. (Sp) 21191

congestive heart failure 19973

congestive heart failure (Cz) 38136

congestive heart failure, eff. of comfortable & hot & humid environments on rate of excretion of various tracers 50709

congestive heart failure, relation of equilibrium of distribution, biol. decay rates, & spaces & mass of various tracers in comfortable, hot & humid environment 50708

congestive heart failure, relation of water-salt retention & renal filtration fraction 12328

diabetic precomatose & comatose states, ther. of water-electrolyte disord. (Pol) 30793

disord. after ureterolleostomy in bladder cancer 22027

disord. in coma (Fr) 5335

disord. in congestive heart failure, relation to ther. (Fr) 9504

disord. in course of diabetic acidosis (Pol) 30792

disord. in endocrine dis. (Pol) 30791

disord. in head inj. 47247

disord. in internal dis., clin. manifest. (Pol) 30779

disord. in kidney dis., mechanisms (Sp) 53892

disord. in metabolic coma, ther. (Fr) 5334

disord. in patients with ment. disord. (Pol) 30786

disord. in rheum. fever (Sp) 43897

disord., in ulcerative colitis (Sp) 27220

eff. of withdrawing ascitic fluid on water-electrolyte metab. in congestive heart failure (Pol) 30800

exper. renal ischemia, unilateral, eff. on fluid turnover in rats 36978

fluid excretion in malabsorp. states 6146

liver dis., review (Ger) 22924

Ménière's dis. 8294

peptic ulcer, eff. of prolonged sleep on water-electrolyte metab. (Pol) 30805

periodic paralysis, water-electrolyte disord. (Sp) 53925

postop. anuria in dogs 32038

pregn. toxemias 3003

pyloric stenosis, imbalance (Ger) 33185

rheum. & rheum. arthritis, eff. of ACTH (Rus) 53457

shock due to burns, determ. by pyrographic slide rule (Ger) 11373

shock, humoral manifest. in chronic shock (It) 26588

water-electrolyte disord. in cystic fibrosis of pancreas, review 53008

water-mineral metab. in liver cirrhosis (Pol) 30804

water-sodium retention in liver cirrhosis (Por) 8757

## BODY FLUIDS

*see also* BLOOD

*see also* CEREBROSPINAL FLUID

*see also* DEHYDRATION

*see also* LYMPH

*see also* URINE

composition in inf. & child. 356

cryoscopic point of intracellular fluid in dog musc., determ. technic (Fr) 48804

determ. by radiogold content by neuron activation analysis 50015

determ. of total intracellular concentrations by cryoscopic method 17981

eff. of change in extracellular space on blood potassium concentration in dogs 12564

eff. of changes on blood alcohol (Ger) 27127

eff. of exper. ileo- & colocystoplasty in dogs, review (Fr) 28672

eff. of induced hypoxia on distribution in man (It) 1502

extracellular, composition, concentration & volume determ. & maintenance 41158

extracellular fluid composition in cat, eff. of acute changes on bone sodium 47111

extracellular fluids, relation to body weight (Ger) 41729

extracellular fluid volume determ. by thiosulfate total-clearance at various phases of growth in hogs (Ger) 53078

extracellular fluid volume role in decreased postop. urinary excretion of sodium 17072

fluid loss during surg., determ. 11874

hemagglutinins in tissue fluid (Ger) 33536

immuno-electrophoresis, technics (Fr) 19350

intracellular, postop. changes (Ger) 51280

radiol. demonstration of fluid levels 55424

relation to sodium & water depletion to ammonia form. by kidneys 50466

total body water & normal electrolyte composition, review 52993

total body water measurement by spectrometric determ. of heavy water in body fluids 8022

volume, relation to urine flow 13667

*effect of radiations on*

total body above LD50 on extracellular fluid volume in dogs (Ger) 32654

*in various diseases*

cancer, changes in lactic dehydrogenase activity, diag. significance 48538

tuberc., chem. analysis of role of humoral factors in native & acquired resist. 24728

*metabolism*

enzyme changes, clin. significance, review 47510

extracellular space, relation to sodium retention in undernutrition, growth & age factors 6198

extravasal proteins in congestive failure (Ger) 22898

fibrinolytic activity determ. in various body fluids 32248

fluid & electrolyte movement across intestinal wall of bullfrog 44140

glucose distribution between plasma water & musc. water 40563

lactic dehydrogenase activity, colorimetric measurement 511

lactic dehydrogenase, review (Heb) 3876

methylparafynol & methylparafynol carbamate, oral admin. 38621

## BODY HEIGHT

correlation with phys. performance, review 24901

estimation of stature based on measurements taken during life & of long bones after death 723

height-weight of World War II selectees 49979

height-weight standards on charts, role of age factor (Dan) 10647

measurement, value in determ. of vital capacity of lungs, comparison with body surface (Sw) 7483

of Martinique population, correlation with occup. (Fr) 25504

relation to blood pressure, statist. on U.S. armed forces personnel in World War II 24436

relation to length of long tubular bones (Ger) 15853

*in infant and child*

as basis for size requirements of school benches (Ger) 38917

birth height, genetic & nongenetic factors, statist. 19134

in school child. in Italy (It) 52099

of European & mixed European & African school child. in So. Africa, statist. comparison 33495

*BODY IMAGE see* PERCEPTION

*BODY IMAGE DISORDERS see* AGNOSIA

## BODY TEMPERATURE

*see also* FEVER

*see also* HYPOTHERMIA

accid. hypothermia, ECG manifest. 6176

accid. hypothermia to 75.2°F in an intoxicated adult, recovery (Fr) 2480

arm, relation of counterflow to heat exchange (Ger) 34029

during nocturnal sleep & rest 11530

finger cooling, eff. of longitudinal conduction of heat 48361

finger rewarming by vasodilat., formulation 46362

finger skin temperature, relation to ego funct. 3389

heat transfer (Ger) 30577

Hensel's heat conduction sound in determ. of blood circ. (Ger) 55481

in naval personnel in Arctic cond. (Rus) 22621

measurement by thermistors, precautions in physiol. use 16848

measurement of changes in determ. of eff. of vasomotor drugs (Pol) 24065

relation of clothing to thermal comfort (Sp) 53368

skin temperature measurement during tuberculin reaction in man (It) 42615

specific heat of kidneys & liver in dogs (Ger) 55451

*effect of drugs on*

aminoketones in rats, comparative studies (Hun) 29173

benzylimidazoline, chlorpromazine, pentamethonium dibromide & sodium nicotinate, comparison in guinea pigs (Fr) 48062

chlorpromazine, reserpine & serotonin in rat, action & interaction 35028

CNS-acting drugs, response to environmental temperature 26408

gallamine triethiodide, succinylcholine bromide & tubocurarine on heat prod. in various animal species (Fr) 54388

heparin, after intravenous fat emulsion in man 17578

lysergic acid diethylamide in pigeon after subcutaneous inject. 35826

lysergic acid diethylamide, tranquilizers & serotonin in pigeon, action & interaction 35827

severe amobarbital pois. causing extreme hypothermia (Ger) 36497

triiodothyroacetic acid in hypophysectomized rats, role of adrenal glands (Ger) 30511

triiodothyronine in hypophysectomized & thyroidectomized rats, eff. of ACTH & cortisone 24033

*effects*

on tissue metab. (Ger) 34030

*in infant and child*

rectal temperature in asphyxia neonatorum 14294

skin & rectal temperatures in premature & other inf. in normal & pathol. cond. (It) 29727

skin, in acrodynia in child. (It) 42767

skin temperature determ. in pneumonia in one-year old child. (Rus) 43540

thermoregulation by cutaneous blood flow in premature & newborn inf. (Ger) 30503

thermoregulation in newborn inf. at term (Ger) 30551

thermoregulation of premature inf. (Fr) 42727

*in various diseases*

basal, in pulm. tuberc. in women (Ger) 11452

endogenous hypothermia in schizophrenia, case report 28466

hypothermic myxedema coma, case reports 14278

myocardial infarct, progn. value of asymmetry of axillary temperatures (Cz) 2742

psoriasis, role of skin in regulation (Rus) 33506

pulm. tuberc. in child., eff. of weather (Ger) 42374

regulation in pyoderma (Rus) 55194

skin electrothermometry in puerperal thrombophlebitis (Rus) 12167

skin temperature determ., diag. value in peripheral blood circ. disord. (Ger) 25298

skin temperature in peripheral vasc. dis. (Sp) 53345

skin temperature test for determ. of susceptibility to tenosynovitis, simplified device (Ger) 38051

standard difference between axillary & rectal temperature in paralytic encephalospinal polio, due to differential inj. of brain stem & mesencephalon (Hun) 52884

*physiology*

basal changes during menstrual cycle (Ger) 15971

basal temperature regulation in pregn. (Ger) 25209

changes in right heart blood temperature, eff. of exper. pooling of blood in lower limbs in man 44896

develop. of skin temperature in young pigs (Cz) 48624

eff. of adaptation to low oxygen tension, polycythemia vera & changes in thyroid funct. on metab. & body temperature in anoxic rats (Hun) 28798

eff. of anaphylactic shock in rabbit (Fr) 26772

eff. of atmospheric humidity on skin temperatures & sweat rates of resting men at two ambient temperatures 41343

eff. of carbon dioxide on thermoregulation of nonanesthetized rat (Fr) 15097

eff. of cold in rats following bilateral hypothalamus lesions (Ger) 24033

eff. of deep hypothermia on thermo-regulation in rats (Fr) 38755

eff. of dinitro-o-cresol & temperature on liver metab. in homoiothermic & poikilothermic animals, comparison (Ger) 23079

eff. of dry & wet clothing on body cooling at low air temperatures 11553

eff. of inject. of lipopolysaccharides of Salmonella endotoxins in horses (Ger) 34229

eff. of normal & reduced temperature on brain metab. during anoxia & ischemia in rabbits (Ger) 5473

eff. of sleep deprivation 5062

eff. of spinal cord lesions at various levels on thermoregulation 5773

eff. of surg. metal implants on temperature distribution in thigh specimens exposed to ultrasound 25515

eff. of temperature changes on pregn. in adrenalectomized rat 49508

eff. of temperature changes on pregn. in rat 49507

eff. of warm short-circuit in a model hand-arm (Ger) 30526

eff. on survival after exper. iodoacetate pois. in newborn, young & old rats in nitrogen atmosphere 17365

heart regulation, eff. of local warming & cooling of brain in rats (Ger) 53088

heat exchanges of men in cold, eff. of humidity, temperature & windspeed 23301

heat prod. in kidneys in dogs (Ger) 30520

hemodilution & temperature change after inject. of cold plasma in dog extremity (Ger) 53085

hyperthermia, role in regulation of ventilation during musc. exercise in man (Fr) 21281

reaction of dogs to hyperthermia & fever 4664

regulation mechanism during exposure to cold, relation to thermal sensations & oxygen consumption 16465

regulation mechanisms, review (Ger) 41741

regulation of body temperature during continuous exposure to heat 23352

renal heat prod. & oxygen consumption in dogs (Ger) 30590

shivering & non-shivering heat prod. during cold acclimation of rats 46360

temperature change in blood in heart & sagittal sinuses caused by stimulation of vagus nerve, mechanism (Cz) 21560

thermal eff. of ultra-high frequency electromagnetic field in animals (Rus) 13856

thermogenesis in rats, relation of dermal thermoreceptors (Ger) 46636

thermoregulation & eff. of temperature changes on NS (Hor) 45418

thermoregulation as sensitivity index in exper. plague (Rus) 34666

thermoregulation, eff. of total body single dose x-irradiation in rabbits (Rus) 6636

thermoregulation, mechanisms 30574

variations in temperature of extremities in subjects submitted to cold (Fr) 26675

## BODY WEIGHT

*see also* OBESITY

*see also* THINNESS

Broca's formula, role of age & sex (Ger) 25227

caloric equivalents of gained & lost weight 24377

comparison of actual weights with ideal physiol. weights in military personnel (It) 19184

correlation of weight reduction with fall of blood sugar 17763

correlation with phys. performance, review 24901

dependence of activation energy of tissue resp. on body size in mammals (Ger) 15666

eff. of dietary supplements in rats on protein-free, amino acid-containing diet 49375

eff. of fat intake (Cz) 48633

eff. of pneumonectomy in rats & dogs (Fr) 26678

eff. of weight loss on blood pressure 28117

eff. of x-rays from modern dental x-ray unit in rat 16533

eff. on costal cartilage chem. in guinea pigs 27572

height-weight standards on charts, role of age factor (Den) 10647

normal standards for body weights & organ weights in India 4192

of Martinique population, correlation with occup. (Fr) 25504

organ weight of mice bearing Ehrlich ascites carcinoma & spontaneous mammary carcinoma 3480

postop. loss, use in calculation of changes in volume of total body water 51917

relation of body size to sweetness preference 4426

relation to blood pressure, statist. on U.S. armed forces personnel in World War II 24426

relation to extracellular fluid (Ger) 41739

relation to glucose tolerance & clin. state of melancholia 50836

relation to incidence of nephroptosis (Ger) 15355

surg. patients with weight loss, clin. determ. of blood volume 11866

weight distribution in legs of persons working in standing position, relation to handedness 23893

weight-height of World War II selectees 49979

*effect of drugs on*

amino acids & chlortetracycline, comparative eff. in rat (Fr) 38682

carbutamide & tolbutamide, in rats (It) 37335

chick embryo extract in infantile dystrophy (It) 39537

4-chlorotestosterone acetate, anticatabolic activity in rats (It) 38806

chlorpromazine in ment. patients 20836

isoniazid, after prolonged admin., in rats & their offspring (It) 3909

isoniazid, in normal & hungry animals (Rus) 3575

methylandrostenediol & prednisolone in exper. emetine pois. in rabbits (It) 23759

testosterone-induced gain in male castrate rats, response to estrone 15800

testosterone on body & organ weight of castrated male rats on amino acid-defic. diets, relation to nitrogen retention (Sp) 44388

testosterone propionate in normal rat 39193

*effect of radiations on*

gamma rays, prolonged low-intensity irradiation in rat 17079

*in infant and child*

birth weight & post-natal loss in inf. of diabetic mothers 35111

birth weight, demographic factors in prematurity & weight, in Hawaii 49846

birth weight-fat-growth correlations 49977

birth weight, genetic & non-genetic factors, statist. 19134

birth weight of offspring of consanguineous marriages 545

comparative weights of newborn inf. dying of pulm. hyaline membrane dis. & those surviving 30255

eff. on renal clearance of para-aminohippuric acid (Ger) 42864

fetal, changes in pregn. toxemia 38023

fetal weight of twins, relation to weight & size of placenta (Ger) 36032

in school child. in Italy (It) 52099

loss in hypertension, clin. pathol. coef. 55136

of European & mixed European & African school child. in So. Africa, statist. comparison 32495

post-natal weight loss in inf. of diabetic & non-diabetic women 1408

relation to dosage of insulin in juvenile diabetes mellitus 27097

variations in breast-fed newborn during first weeks of life (Ger) 49814

*in pregnancy*

weight gain in pregn. 42110

*BOECK'S SARCOID see* SARCOIDOSIS

*BOILS see* CARBUNCLE

*BOILS see* FURUNCULOSIS

## BONE AND BONES

*see also* CALCIFICATION

*see also* EPIPHYSES

*see also* OSSIFICATION

*see also* PERIOSTEUM

*see also* SESAMOID BONES

*see also* SKELETON

A & B antigens in human bone tissue 50405

anat., biochem. & physiopathol., review (Por) 15952

as models for studies on inflamm. (Ger) 34019

. decalcification by formic acid-ion exchange resin method, evaluation 17712

. decalcification, new laboratory methods 2553

differences in tensile strength of bone of different histol. types 50304

hardness & mechanical resist. of bone tissue, measurement 23566

intra-osseous drug & blood admin. in psychiatry (Rus) 34696

osteogenic properties of transitional epithelium (Rus) 48023

physiol. & behavior of skeletal cultures 6251

recalcification of decalcified compact bone in vitro (Fr) 39248

relation of bone age to chronol. & ment. age in retarded child., x-ray determ. 27090

*abnormalities*

in CNS dis. 19780

intra-uterine fetal abnorm. (Fr) 21369

spherophakia-brachymorphia synd. with glaucoma, pathogen. & ther. (Ger) 28872

with ectodermal dysplasia, case report 20692

*anatomy and histology*

internal structure, study technic 17213

methacrylate embedding & sectioning of calcified bone 21974

staining, prep. of thin undecalcified sections by rapid manual method 33632

*blood supply*

metaphysial vasc. manifest. of rheum. (Fr) 976

sodium-24 as indicator of blood supply of bone 29864

*cysts*

aneurysmal bone cyst of hand, case report 8481

aneurysmal cyst, case report (Fr) 18646

essential, progn. significance of manner of growth (Fr) 51463

juvenile unicameral, x-ray diag. 827

radiother. of solitary cyst-like lesions in child. 626

syphilitic (Fr) 9004

*effect of drugs on*

2-aminoethanethiol & 2-aminopropionitrile causing skeletal lesions in rats, comparison 130

2-aminoethanethiol & 2,2'-dithiobisethylamine, osteolathyrogenic eff. in rats 39744

estradiol-17β-n-valerate on endosteal ossification & linear growth in mouse femur 39193

17-ethyl-19-nortestosterone, protective eff. against inhib. of bone repair in lathyrus-fed rats 46597

fluoride excess in water on bone chem. 8441

insulin & somatotropin on limb-bone rudiments of chick embryo cultured in vitro 51094

laminarin sulfate on bone growth in rodents 18358

parathyroid gland extracts on osteogenic tissue of rats & guinea pigs 23791

tetracycline deposition in bone, bacteriostatic eff. in rabbits 54737

xylose on bone develop. (Fr) 41334

***effect of radiations on***

in child. 829

localized x-irradiation on wing skeleton in chick embryos (Fr) 26898

plutonium & radium, radioautographic localization & measurement of radiation dos. in dogs 51302

radioautographic measurement of radiation dose-rate in rabbit bones after radiostrontium admin. 51301

ultrasonics on epiphysial cartilage & growing bone in guinea pigs (It) 29609

x-rays, total-body multiple-dose, in white rats (Rus) 6639

***embryology***

significance of perichondrial zone in develop. of long bone of rat 50307

skeletal develop. in Long-Evans rats 12924

***extracts***

total bone extract, ther. of osteoporosis in paralytic polio. (It) 6956

***in various diseases***

blood dis., biophys. aspects of bone changes 502

Weber-Christian dis. 12359

***infarction***

pathogen., pathol. & radiol. aspects & case reports 37625

***metabolism***

ATPase & AMPase activity of various skeletal tissues in vitro (It) 37362

bone salts, eff. of fluorine on solubility 4783

calcium & phosphorus contents in rats, eff. of feeding of calcium phosphate salts 17210

calcium & potassium, eff. of total body x-irradiation in rats (Rus) 7786

calcium & sodium, eff. of thyroxine & parathyroid hormone in rats 5776

calcium & strontium deposition in rat bone, dietary determinants 44951

calcium deposition in normal & rachitic rats, eff. of vitamin D2 (Ger) 16375

calcium, determ. by induction of hypercalciuria, technic & diag. value (Fr) 21390

calcium, eff. of vitamin D2 in normal, fluorine-treated & rachitic rats (Ger) 28066

calcium incorporation into growing bone, review 43281

carbonates, chem. nature & turnover 1390

chloride analysis for cortical bone in cat & rat, technic 20776

collagen, minerals & hexosamine in rat femora 16979

develop. in rats on calcium-deficient diet, eff. of vitamin D admin. (Fr) 48820

dietary excess or defic. in calcium causing changes in bone structure & composition in rats, influence of lactose or vitamin D (Fr) 48814

eff. of alloxan diabetes & acidosis on mineral & water content of bone 40683

eff. of bilateral adrenalectomy, clin.-exper. correlation (It) 42647

exchangeable calcium of bone salts (Fr) 26324

fat deposition in rat tibia due to lysine defic. 20768

fluoride deposition after prolonged ingestion in drinking water 8440

fluoride retention, eff. of dietary fats in rats 5542

fluoride storage 27512

fluorine content in humans in relation to age & to water supply 17889

fluorine deposition following dietary sodium fluoride in dairy cows 5545

in various non-bone dis., determ. by radioisotope accretion rates 32678

mineral content of normal human bone 4867

mineral salts & radioisotopes, distribution in spongious bone tissue 3519

nucleic acids in animals (Fr) 26881

phosphates, localization of component carbon dioxide by radioisotope methods (Fr) 26344

polysaccharide levels in exper. lathyrism 24828

promethium uptake in rats, eff. of cortisone & edathamil calcium 39236

pyrophosphatases 49323

radiocalcium & radiostrontium removal by peritoneal lavage, eff. of time of inject. & parathyroidectomy 31384

radiocalcium in adult bone, radioautographic study in dogs (Fr) 25437

radiocalcium in long bones during growth, radioautographic study of subperiosteal apposition (Fr) 25436

radioisotope activity in bone, external recording of variations with time in rabbits 17575

skeletal metab., determ. by radioisotope accretion rates 32678

sodium content, relation to blood sodium 35816

sodium, eff. of acute changes in extracellular fluid composition in cat 47111

sodium, eff. of adrenalectomy in rats 5775

sulfate metab. in rachitic rats, eff. of parathyroid extract 31395

sulfate uptake in growing bones of cockerels treated with cortisone & anabolic steroid 17-ethyl-19-nortestosterone 39195

thyroid hormone metab. by limb-bone rudiments cultivated in vitro 41340

uptake & distribution of radiophosphorus by bones of normal & denervated limbs, in toads 24041

***neoplasms***

adamantinoma of long bones, review (Sp) 13531

angioma of long bones (Rus) 45777

atypical musculoskeletal tumors, surg. indic. & technics 28507

blood protein variations in patients with primary malignant neoplasms (It) 26598

caused by radium deposition in human skeleton, statist. on med. & environmental exposure 12676

classif., incidence, & histol. aspects (Sp) 48742

diag. (Dut) 19737

diag., arteriography (Por) 49729

epidermoid carcinoma, metastatic from lip (Rus) 33594

exper., induction in monkeys (Rus) 20196

fibrosarcomas, primary (It) 26603

giant cell tumor, case reports 858

giant cell tumors, case reports (Fr) 11838

giant cell tumors, in aged (It) 37618

histiosarcomatosis, manifest. by systemic diffuse osteolysis & myelomatosis, case report (It) 53593

Hodgkin's dis., case reports (Ger) 11173

in child. (Ger) 30029

in dogs, clin. & radiol. aspects 40412

melanoma, metastatic 48779

metastatic, arteriographic picture 38077

metastatic, causing pathol. fract. of major long bones, management 40827

metastatic, differ. diag. from osteocarticular tuberc. (Ger) 46303

metastatic from breast, eff. of bilateral adrenalectomy with oophorectomy (It) 42545

metastatic from breast, eff. of bilateral adrenalectomy with oophorectomy, x-ray (It) 42645

metastatic from thyroid gland papillary carcinoma 50877

metastatic, importance of activation of patient in management 4509

metastatic tumors, primary manifest. of latent cancer (Fr) 14368

methylcholanthrene- & estrogen-induced bone tumors in rat, histopathol. (It) 9317

multilocular, metastatic from flat cell carcinoma of temple (Rus) 13885

myelomas, differ. diag. from secondary cancer & osseous localizations of leukoses (Fr) 51471

myeloma plasma cell, manifest. by dysproteinemia (Fr) 17657

osteoid osteoma (Rus) 45756

osteolytic metastatic from breast, with acute hypercalcemia causing renal failure 15015

radiation-induced in man & animal, radiation dosimetry 32679

reticulum cell sarcoma (Heb) 3968

sarcoma in child., surg. & results (Ger) 46003

sarcoma induced by radiostrontium in rats (Rus) 45758

squamous cell carcinoma, metastatic from cervix, case report 3931

surg. (Bul) 28762

ther., gallium-72, hematol. eff. 1773

x-ray differ. diag. of benign & malignant tumors 20307

x-ray induced 10478

***pathology***

after prolonged ingestion of fluoride in drinking water 8439

alterations in long bones of inf. in chronic cerebral hematomas (Fr) 18013

aseptic necrosis in caisson dis. 26058

bone lesions in pernicious anemia (Pol) 30868

diameter of haversian canals during calcination, medico-legal application (Fr) 47427

hyperplastic bone reaction after thymoparathyroidectomy in osteogenesis imperfecta (Kr) 31060

in brucellosis (Fr) 45034

in glomerulonephritis, relation to parathyroid glands (Fr) 9853

in hepatobiliary dis. in inf. & child. (Fr) 37928

in leukoerythroblastic anemia, x-ray (Cz) 26538

in polycythemia vera (Rus) 45755

in syringomyelia (It) 39646

in varicose ulcers of leg, etiol. factors (It) 6819

instrument for sampling spongy substance of bone 9005

intra-osseous calcifications, differ. diag. (Fr) 45020

long bones implanted with various metals, x-rays & histol. in dogs 40642

metaphyseal decalcification in nephrotic synd. & renal insuff. in child., causes 13084

methods of identification in forensic pathol. 4142

osseous lesions in exper. odoratism, rates of growth & of remodelling as factors in genesis in rats 4971

osseous localization of thyroid tissue, histogenetic problems & biol. significance (It) 1077

physiopathol. in various dis. (Ger) 55730

prep. of undecalcified bone for microradiography 32838

pseudohistic changes in infect. hepatitis (Ger) 52176

pseudotumor in hemophilia, case report (Fr) 36869

reaction to stainless steel fixations in fract. 32530

skeletal changes in caisson workers, x-ray (It) 15788

***physiology***

bone form. rate in metab. bone dis., radiocalcium studies 17042

Cannon's law (Cz) 11841

eff. of bilateral adrenalectomy, clin. & exper. studies (It) 42547

eff. of hyperoxia on bone resorption in tissue culture 11774

eff. of lower limb amputation & prolonged use of prosth. on motor-skeletal system, clin. & x-ray study 38001

eff. of parathyroidectomy on haversian remodeling of bone in dog 39212

eff. of prolonged pressure by metal nail (Rus) 27312

eff. of starvation, septicemia & chronic dis. on growth cartilage plate & metaphysis of immature rat 50308

eff. of sympath. NS on longitudinal bone growth after polio. 36704

growth & regen. after exper. operations on dogs (It) 47791

growth of bone in young rabbits, eff. of heat 5853

growth of long tubular bones, relation to body height & age (Ger) 15851

growth rate in various dis., x-ray determ. 47490

maturation in child., determ. by simplified method (Fr) 32369

medullary bone of laying chickens 46894

osteogenesis, histogenic factors, review (Rus) 22492

osteogenesis in tendon & ligament insertions in area of original chondral apophyses, review (Ger) 55630

periosteal osteogenesis in rats, electron microscopy (Ger) 34432

regen. in amphibians 40791

reparative processes in localized tibial lesions in rabbit (It) 19259

***radiography***

in inf., study of smallest visible bony structure (Fr) 18002

microradiography of normal & pathol. spongy tissue, appar. & technic (It) 53821

reliability of x-ray for determ. of skeletal growth 836

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

rotary device for measuring length of bones (Ger) 14950

***surgery***

alloplasty, errors & hazards (Ger) 29066

anesth., peridural block (It) 25602

eff. of osteoplast glue on bone union in rabbits (Rus) 45686

exper. bone lengthening by epiphysial distraction in dogs 37654

postop. spectrophotometric urine curves 10136

***transplantation***

autograft in surg. of fract. of forearm (It) 19213

autoplastic transpl., remote results (Pol) 38455

bone bank, prep. & preserv. of grafts (Ger) 27827

bone chip implant in surg. of fract. as aid in callus form. (Ger) 34567

bone chisel, new design (Hun) 7712

eff. of transpl. to heterotopic site followed by exper. fract on healing of fract. in mice 477

freeze-dried bone for ther. of nonunion after surg. correction of mandibular prognathism 41349

grafts in aseptic necrosis of femur head & non-union of neck 40613

grafts of mandible, remote results, case reports 53132

grafts with metal plate in surg. of supracondylar fract. of femur (Fr) 43966

heterotranspl., morphol. changes in transplanted bone & surrounding tissues in rabbits (Rus) 52864

homogeneous grafts in reconstruction of mandible, indic. & technics 24671

homogenous grafts in rhinoplasty 49396

homograft, freeze-dried, results (Rus) 45687

homografts, indic. (Rus) 22534

homoplastic graft in surg. of chondroma of finger (It) 25605

immediate grafts for fingers (Fr) 13027

immun. in homografting 50407

modified Bostworth graft in lumbosacral arthrodesis (Fr) 51450

musc. pedicle cancellous grafts 54533

Phemister technic for bone grafting ununited fract. 4954

preserved homografts (Dut) 29962

spongious bone grafts in surg. of cysts of mandible (Fr) 51467

sterilized homologous bone chips (Ger) 23189

***wounds and injuries***

as cause of osteoarticular tuberc. (Ger) 19337

in traffic accid., ther. problems 5856

osseous inj. in newborn, management 52138

**BONE DISEASES**

*see also* ACHONDROPLASIA

*see also* DYSCHONDROPLASIA

*see also* ECCENTRO-OSTEOCHONDRODYSPLASIA

*see also* EOSINOPHILIC GRANULOMA

*see also* LEONTIASIS OSSIUM

*see also* METABOLIC DISEASES

*see also* OSTEITIS

*see also* TUBERCULOSIS, OSTEOARTICULAR

ankylosing hyperostosis (Fr) 21324

apophyseal disord. in athletic inj., manifest. & ther. (Fr) 15189

as cause for invalidism (Rus) 45224

congen. enchondral dysostoses (Ger) 25345

diag. & ther. with radiogallium (Fr) 21363

echinococcosis, manifest. & x-ray diag. (It) 53786

eosinophilic granuloma, determ. of Charcot-Leyden crystals 12276

eosinophilic granuloma with oral mucosal lesions, case reports 20146

fibrous dysplasia in swine 40397

hemophilic osteoarthropathy, x-ray diag. & case report (It) 31766

hypophosphatasia 4504

metab. disord., review (Dut) 43061

musculoskeletal tension synd., foot manifest. 4589

neurotrophic disord. causing fract. after nerve root trauma in spinal puncture (Rus) 55262

osseous lesions of foot in diabetics (Pol) 53157

sarcoidosis (It) 39680

striated osteopathy, familial (Fr) 51442

xanthomatosis, review (Fr) 54440

***case reports***

familial diaphyseal exostosis & enostosis (Rus) 43416

fibrous dysplasia 28318

fluorosis, case in So. African native 9803

juvenile metaphysial osteodystrophy or aseptic necrosis of hip, shoulder & ankle (It) 42743

massive osteolysis caused by hemangiomatosis of bone in 16-year old boy (Cs) 35034

massive osteolysis, clin. & postmortem pathol. (Ger) 34453

osteolysis, massive 4794

48269

osteolysis, posttraum. progressive (Fr) 51443

osteomyelodysplasia with unusual bone changes (Rus) 44023

pachyperiosteoderma (Ger) 376

pachyperiosteoderma with gastrointestinal hypertrophy (Cs) 48655

pain, fract., deformities & spongiosis of bone in hyperthyroidism (Fr) 44777

***complications***

multiple symmetric bone necrosis with hyperergic panvasculitis (Ger) 25297

***diagnosis***

arteriography (Por) 39464

review (Por) 15952

***differential diagnosis***

generalized dysostosis from cleidocranial dysostosis (Ger) 47650

***etiology and pathogenesis***

adrenal cortex hormones, case reports (Fr) 42443

endocrine dis. (Ger) 39057

extra-articular, with rheum. dis., x-ray diag. (Ger) 39405

hyperparathyroidism, case report (Fr) 21387

infect. following fract., prev. & ther. 50738

kidney dis. (Ger) 15869

lymphoblastic leukosis, case report (Fr) 9228

***experimental***

gastric osteodystrophy in rats, prev. by parathyroidectomy 3693

Streptobacillus infect., determ. of sensitized sheep cell agglut. titers in rats 31364

***heredity***

osteolysis originating in early childhood & stabilizing spontaneously in later years, idiopathic familial cases (Fr) 53371

***in infant and child***

allergic musculoskeletal synd., etiol. & manifest. 50012

decalcification caused by lipoid nephrosis, case reports 25491

infantile cortical hyperostosis 20137

infantile cortical hyperostosis, case report 20485

infantile cortical hyperostosis in sisters of consanguineous parents (Ger) 39900

***pathology***

bone involvement in necrosing angiitis (It) 1485

polyostotic hyperostosis in female parakeets 47080

postural & traum. skeletal disord. caused by pregn. 20549

***urine in***

calcium, diag. value in generalized bone dis. (Fr) 45012

**BONE MARROW**

histochem. of ground substance of normal human hemopoietic bone marrow (It) 36707

isolation of single cells & prep. of clones from human marrow cultures, method 31287

pinocytosis (It) 37474

pinocytosis in leukemia (It) 37475

sex chromatin in medullary blood cells, frequency & value in sex determ. (It) 43472

tests, diag. value (Dan) 45522

viable cadaver bone marrow for intravenous use, collection, storage & prep. 48055

***anatomy and histology***

cell count in rats, method (Fr) 3111

chromosome number in human sternal marrow 33934

erythroblast & sideroblast count in premature inf. (It) 42781

Golgi appar. (Ger) 46118

in aged (Fr) 33186

staining, prep. of sections 33836

***blood supply***

eff. of arterenol & epinephrine in man, study method (Ger) 34030

***diseases***

*see also* ANEMIA, APLASTIC

*see also* ANEMIA, LEUKOERYTHROBLASTIC

allergic, caused by recur. typhoid fever (Ger) 51799

aplasia, eff. on mechanical resist. of leukocytes 230

caused by benzene pois. & x-ray exposure, diag., pyrifer test & sternal marrow punct. (Fr) 241

fibrosis, histopathol. (Ger) 11919

hyperplasia in erythroblastic anemia, post-mortem pathol. (It) 27770

hyperplasia in long bones, method for clin. assessment of involvement 28987

hypoplasia with infiltration by plasma cells, pathol. & case reports 4880

insuff., classif., etiol. & pathogen. (Ger) 11182

myeloasthenia caused by focal infect. (It) 44169

myelofibrosis with myeloid metaplasia, cytochem. & histopathol. in relation to spleen changes 48500

myeloproliferative dis., diag. value of leukocyte alkaline phosphatase test 12272

myeloproliferative disord. 30194

myeloproliferative synd., alkaline phosphatase of mature neutrophils in chronic forms 12271

myelosis, pseudo-megakaryocytic form (Fr) 21759

panmyelopathy with symptomatic reticuloendotheliosis after bismuth & neoarsphenamine ther. of syphilis (Pol) 53185

***effect of drugs on***

ACTH & cortisone in rheum. arthritis ther. (Rus) 31153

alkylsulfonates, morphol. & funct. eff. in rats (It) 1927

benzene hexachloride, inj. eff. 37689

busulfan & chlorambucil on hemopoietic activity in rat 28038

methimazole in ther. of hyperthyroidism (Ger) 22964

pressor & depressor drugs, on intramedullary bone-marrow pressure, mechanism of action 16978

somatotropin & cortisone in hypophysectomized rats, changes after withdrawal 735

***effect of radiations on***

radiother. in cancer (Rus) 10837

x-irradiation on leukemia implants in mice, comparison with shielding 5435

x-ray, total body irradiation on bone marrow cytol., demonstration by radioiron uptake in blood & marrow 32676

***extracts***

determ. (Dan) 45514

heterologous bone marrow extracts, eff. on leukocytes of rats 23962

***in various diseases***

amebiasis, form. of antibodies in bone marrow of rabbits 9784

exper. inhibitory hyperplasism causing blocking of bone marrow cell maturation & immission into circ. (It) 32598

inhib. in splenomegaly secondary to diseases other than blood dis. (It) 32601

leukocytosis & leukopenia in infect. dis., diphasis of mitosis of nucleated cells in bone marrow 22256

multiple sclerosis (Ger) 33838

plasma cell myeloma, behavior of hemopoietic residues (It) 44173

plasma cell myeloma, electron microscopy of plasmocyte structure (Fr) 47345

***metabolism***

esterases, histochem. demonstration 28391

globin incorporation of glycine & heme biosynthesis in rabbit bone marrow prep. 16917

iron in chronic scurvy in guinea pigs (Fr) 26686

nitrogen, labeled albumin & glycine tests of modes of absorp. (It) 37476

radioiron uptake, eff. of propylthiouracil admin. in rats 11971

radiophosphorus incorporation into nucleic acids in vitro (It) 6949

thymine synthesis in vitro, inhib. by substance extracted from rabbit liver 54419

***microbiology***

in tuberc. in child., diag. value of smears, cultures & animal inoculations. 5723

***neoplasms***

invasion from gastric carcinoma causing panmyelophthisis, postmortem pathol. (It) 1490

metastatic, differentiation from plasma cell myeloma (Bul) 16407

metastatic from stomach, with leukoerythroblastic anemia 50084

***pathology***

biopsy, hist., contribution of Giovanni Ghedini 9596

demonstration of abnormal gamma globulin among bone marrow plasmocytes in case of multiple myeloma (Fr) 24773

frequency of tumor cells in bone marrow of cancer patients, comparison with tumor cells in blood 38066

in uncharacteristic macrocytic anemia, comparison with blood vitamin B12 level 46809

in vitro culture of bone marrow of benzene-poisoned guinea pigs & rats (It) 27457

needle biopsy, technic & selection of site (Rp) 36980

punch biopsy (Fr) 44618

stainable iron, diag. significance (Cz) 26539

stainable iron in marrow specimens, incidence & clin. significance 38401

sternal aspiration, diag. value in melanoma (Ger) 4002

unusual pigmented reticular cells in albinism with hemorrhagic diathesis, case reports 48057

*physiology*

activity in newborn inf. at high altitude 51045

changes in normal aged (Dan) 43180

eff. of anoxia on volume in guinea pigs 3064

eff. of familial, age, weight, sex, topographical & weight factors on quantitative cytol. variations in white rats (Fr) 15147

erythropoietic activity in x-irradiated rats, radioiron turnover studies 26030

lymphocyte count changes in guinea pigs during recovery from total-body gamma irradiation 37580

megakaryocyte culture in vitro, activity & role in blood platelet form. (Rus) 44016

megakaryocyte funct. state, evaluation in classif. of thrombopenic purpuras (Rus) 44015

myelocyte mitotic activity in normal & in leukemic rats, comparison & eff. of urethane admin. 35155

myeloid cells in CSF 41223

platelet form. from megakaryocytes in bone marrow cultures, eff. of reduced oxygen tension 38290

quantitative measurement of erythrocytic & granulocytic cells, method 17067

quantitative measurement of hemopoietic cells of marrow, method 17066

relation of proliferative activity to stage of cellular maturation (It) 42591

role in synthesis of prothrombin & factor VII 229

*transplantation*

antigenic stimuli for transpl. immunity to rat bone marrow heterografts in lethally x-irradiated mice 23313

antigens causing transpl. immun., localization & characterization 47564

autologous marrow infusions in attempted protection of gastrointestinal system against fast neutron irradiation in dogs 23314

behavior of cells in lumen of double-ligated segment of carotid artery in rabbits 20111

compatibility factors determining acceptance of rat bone marrow graft by x-irradiated mouse 55428

eff. in x-irradiated mice & rats (Dut) 43044

eff. in x-irradiated mice, role of immunol. relation of donor to host & x-ray dos. admin. to host (Dut) 43045

eff. of bone marrow cell suspensions from normal rats on marrow regen. in irradiated rats (Ger) 9977

eff. of donor & host lymphoid & myeloid tissue inject. in lethally x-irradiated mice treated with rat bone marrow 5421

eff. of inject. of bone marrow & lymph node cells with total body x-irradiation on mouse lymphosarcoma 41185

eff. on mouse lymphosarcoma (Dut) 43046

exper. homologous & heterologous transpl. in irradiated mice (Fr) 44620

failure to demonstrate protective eff. of isologous or homologous bone marrow inject. in mice in radiogold inj. (Fr) 53988

genetic differences in hemoglobin as markers for bone marrow transpl. in mice 44118

growth of autologous bone marrow grafts in dogs 10496

homograft reaction in x-irradiated rabbits treated with bone marrow homotransplants 47573

homologous, diminution of spontaneous leukemogenesis in total body-x-irradiated AkR mice (Fr) 3059

homologous hematopoietic cells, immunogenetic reactions after x-irradiation in mice 17778

homotranspl. in x-irradiated rabbits 47572

in irradiation accid. 14767

in prev. of inj. eff. of total body x-irradiation in cancer (Dut) 43054

in total body x-irradiated mice, alteration of homograft reaction by amethopterin 44103

inject. of homologous marrow cells after x-irradiation in ther. of advanced spontaneous leukemia in mice (Fr) 37802

non-nuclear antigenic stimuli for rejection of rat bone marrow heterografts in x-irradiated mice 10501

normal marrow implants after total-body irradiation for marrow dis. in man 37222

ossification in grafts in rats (Fr) 11855

preserv. of marrow cells in glycerol at low temperatures, in vitro studies 50711

protective eff. in x-irradiated mice 45264

protective eff. of isologous or homologous bone marrow against mechlorethamine pois. in mice (Fr) 9024

radiation protection by autologous infusion in dogs 25927

radiation protection, factors affecting survival of host & homograft, review 24976

radiation protection in mice (Sp) 53334

simplified method for marrow transfusions 48606

stored autogenous bone marrow infusion in ther. of postirradiation hematopoietic depression 24975

tolerance & homologous dis. in x-irradiated mice protected with bone marrow homotransplants 47570

transfer of donor immunol. reactivity to x-irradiated mice by injected parental bone marrow 47116

***BONE TUBERCULOSIS see*** **TUBERCULOSIS, OSTEOARTICULAR**

**BONNEVIE-ULLRICH SYNDROME**

*case reports*

(Fr) 26234

**BOOKS**

*see also* **BIBLIOGRAPHY**

*see also* **PERIODICALS**

contemporaneous Polish medical ex libris (It) 6889

Elementa Physiologiae of Albrecht Haller, hist. of composition (Ger) 27575

first med. book translated from Armenian into Russian (Rus) 9921

J. L. Alibert's Description des Maladies de la Peau, first illustrated dermatol. text-book (Dut) 29940

James Caulfield's Portraits, Memoirs & Characters of Remarkable Persons from the Revolution in 1688 to the End of the Reign of George II 54748

Mihjas al Qhadim by Ibn al Nafis (Ger) 51708

Readings in Med. Care, value to med. students 28154

R. M. Rilke's novel Diary of Malte Laurids Brigge, with description of jumping tic, psychol. aspects (Ger) 44214

Sartre's essay on imagination (Ger) 15828

The True Method of Curing Consumptions by Samuel Haworth 22334

Vidius's Chirurgia è Graeco in Latinum conversa, 3 manuscript precursors of 6444

**BORATES**

eff. of electron bombardment of sodium tetraborate & boric acid in electron microscope 29807

*effects*

borate ion in buffers, eff. on electrophoresis of rat serum 7233

boric acid lactose broth at 43 C, inhib. eff. on fecal E. coli 1297

on conjunctiva & microbial flora of conjunctival sac in newborn (Cz) 38307

*poisoning*

accid. boric acid pois. in 7-day-old inf. 30144

cortisone ther. of boric acid pois. in inf. 24892

*therapeutic use*

boric acid in leukorrhea, with neomycin, phthalylsulfathiazole & lactic acid (Ger) 18954

borotannic complex-salicylic acid prep. in onychomycosis 4571

borotannic complex-salicylic acid prep. in onychomycosis & paronychia (Ger) 20804

sodium borate infusion into eye for reinforcement of alkaloid eye drop eff. (Dan) 48997

***BORIC ACID see*** **BORATES**

***BORNHOLM DISEASE see*** **PLEURODYNIA, EPIDEMIC**

**BORON**

diborane, properties & indust. hyg. standard. 12244

pentaborane, properties & indust. hyg. standards 12245

*determination*

boranes, direct micro-method using carmine 46879

*effects*

aromatic boronic acid on brain & brain tumor, relation of drug penetration to chem. structure 44960

*radioactive*

ther. of intracranial gliomas in mice (Fr) 7388

**BORRELIA**

*effect of drugs on*

spiramycin, sensitivity (Ger) 34070

**BORRELIA INFECTIONS**

*see also* **RELAPSING FEVER**

refringens, lymphadenitis (Rus) 22507

*experimental*

mixed infect. with Trypanosoma brucei, eff. on Borrelia activity (Fr) 1033

**BOTANY**

botanical garden of l'École de Médecine de Montpellier (Fr) 19369

**BOTULISM**

review 16446

*case reports*

(Ger) 36499

(Ger) 41927

clin. & bacteriol. studies 5669

in 10-year old girl (Rus) 7918

*diagnosis*

intravital (Rus) 55829

*epidemiology*

in Japan, type E botulism 40203

*etiology and pathogenesis*

fish-borne, caused by Clostridium botulinum B 43176

type E caused by fish, review 16447

*urine in*

analysis in cattle 12738

***BOURNEVILLE'S DISEASE see*** **TUBEROUS SCLEROSIS**

***BOUTONNEUSE FEVER see*** **ROCKY MOUNTAIN SPOTTED FEVER**

***BOWEN'S DISEASE see*** **CARCINOMA, EPIDERMOID**

***BRACHIAL PLEXUS see*** **NERVES, BRACHIAL PLEXUS**

**BRADYCARDIA**

*diagnosis*

ECG, case report (Sp) 31037

*etiology and pathogenesis*

postop. bradycardia after repair of left ventric. & right auric. shunt 1243

reserpine induced bradycardia as ther. measure in mitral & other cardiac disord. (Sp) 44498

*experimental*

induced by digitalis, significance of carotid artery & aortic chemoreceptors in cats (Ger) 34009

**BRAIN**

*see also* **BRAIN STEM**

*see also* **CEREBELLUM**

*see also* **CEREBRAL CORTEX**

*see also* **CEREBRAL VENTRICLES**

*see also* **FRONTAL LOBE**

*see also* **HIPPOCAMPUS**

*see also* **OCCIPITAL LOBE**

*see also* **PARIETAL LOBE**

*see also* **TEMPORAL LOBE**

antigenic differentiation of white & gray substances (Rus) 48018

Brain Research Institute (Ger) 53629

infrared spectroscopic analysis of various brain prep. 5472

measurements, electronic determ., as basis for electrother. of psychoses 15570

research, use of precision macrotome (Ger) 52570

rhinencephalon, review (Pol) 30907

ultrasonic echo encephalography 11878

volume, oncometric determ. in dogs (Rus) 48025

*abnormalities*

agenesis causing local cranial bulging & external hydrocephalus 37614

agenesis of corpus callosum, review & case report (It) 32147

agenesis of corpus callosum, x-ray diag., review (Por) 18828

agyria with incomplete suture of corpus callosum (Fr) 44913

arhinencephalia (Ger) 55836

arhinencephalia, pathoarchitectonic studies 50927

arhinencephalia, with pseudotrabecula (Ger) 33841

arhinencephaly with agenesis of septum pellucidum causing ment. defic., diag. by ventriculography & case reports 24487

diag. in newborn, EEG 29708

hernia cerebri, anterior, x-ray diag. (Rus) 45774

hydranencephaly, transillumination 8812

macrocephaly, surg., compression trepanation (Ger) 29064

neurocranial, congen. (Fr) 15206

relation of atypical musc. tensor fasciae suralis Gruberi to encephalopathies in newborn (Cz) 38281

symmetrical porencephalia in boy, clin. & post-mortem aspects (Pol) 30392

vasc. abnorm., relation to unexpected death, hydrocephalus & ment. defic. 50930

*abscess*

16569

actinomycotic, case reports (Fr) 288

caused by antibiotic-sulfonamide ther. & surg. 38845

caused by Cladosporium trichoides, case report 14688

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

caused by otitis media (Rus) 10766

caused by whooping cough in child (Pol) 7820

chromoblastomycotic, in So. African Bantu 54502

CSF acid phosphatase (Rus) 10785

diag. & progn. possibilities of angiography (It) 42725

diag. & ther. problems (Rus) 45726

epidural abscess in occipital osteomyelitis caused by Salmonella paratyphi B, case report (Fr) 35249

in cyanotic tetralogy of Fallot in 8-year-old girl, case report (Por) 16485

in inf., diag. (Ger) 19307

metastatic (Rus) 34755

otogenic cerebro-cerebellar (Fr) 9070

postop., in sinusitis caused by influenza (Ger) 23029

statist. (It) 42723

surg. (Fr) 19774

with congen. interauric. communication, surg. (Fr) 19775

x-ray manifest. 14148

with pseudoxanthoma arteriosus & arachnodactyly (Rus) 53889

***anatomy and histology***

form. of human rhinencephalon (Ger) 23586

immediate eff. of various fixatives on measurements of macaca monkeys 40735

method for staining whole brains for gross & macroscopic study 50310

pericentral cortical projections to motor & sensory nuclei 9576

phenomenological aspects (Ger) 44914

precentral region, cytol. & cytoarchitectonic (Ger) 27157

rapid method for locating intracerebral electrode tracks 54587

speech centers, theory (Ger) 46051

stereotaxic localization of central gray nuclei (Fr) 7385

subcommissural organ in ox, horse, pig & dog, histol. & secretory phenomena 47434

synapses (Rus) 22659

topographical cond. in telencephalon of bony fish (Dut) 7353

***blood supply***

*see also* ANGIOGRAPHY, CEREBRAL

*see also* ARTERIES, CAROTID

*see also* CEREBRAL ANEURYSM

*see also* CEREBRAL ANOXIA

*see also* CEREBRAL EMBOLISM AND THROMBOSIS

*see also* HEMATO-ENCEPHALIC BARRIER

*see also* VEINS, CRANIAL SINUSES

acute vasculitis, clin. pathol. conf. 30136

anat. of internal veins (Ger) 33937

angioma racemosum cerebri (Cs) 38267

arterial insuff., indic. for early surg. 19788

arteriosclerosis causing ment. disord. in aged 48175

arteriosclerosis causing psychoses, ther., reserpine 20833

arteriosclerosis, differ. diag. (Ger) 44202

arteriosclerosis in aged, ther., pentylenetetrazole 40254

arteriosclerosis, incidence, distribution & pathogen. (Ger) 55648

arteriosclerosis, with facial dysesthesia & pains (Ger) 42339

arteriovenous fistula causing congestive heart failure in newborn 38600

arteriovenous fistula causing visual field defects 33865

arteriovenous fistula, congen., hemidimetakinesis & local vasc. changes (It) 9764

arteriovenous fistula, pathophysiol. (It) 19249

arteriovenous malform. of posterior fossa angioma (Fr) 51386

arteritis temporalis, chloroquine ther. (Pol) 8092

atherosclerosis, ther., rauhasine (Fr) 31068

basilar artery insuff. synd. caused by hypotension, cardiac insuff., arteriosclerosis & cerebral thrombosis (Fr) 262

basilar artery insuff., x-ray diag. & surg. 4511

basilar artery occlusion, case report 14669

blood flow & vasc. changes, determ. by rheoencephalography 48964

blood flow in mitral stenosis, response to carbon dioxide inhalation 14037

carotid & basilar insuff., tilt table EEG 7395

circ. changes after occlusion of middle cerebral artery & their relation to funct. 28564

circ., continuous registration in dogs (Rus) 48027

circ., determ. by pressure in ophthalmic artery (Fr) 44685

circ. disord. (Rus) 33504

circ. disord., ther., kneippism (Ger) 38948

circ., dynamics, review (Fr) 14502

circ., eff. of stimulation of reticular form. (Fr) 41330

circ. in pregn. toxemias 3006

CSF transaminases in various dis. of cerebral vessels (It) 21437

demonstration in situ with latex 23851

ECG changes during cerebral vasc. accid. (It) 25628

eff. of adenylic acid & ATP cats (Ger) 41734

eff. of histamine on capillaries in guinea pigs (Ger) 35256

eff. of hydroxyethyltheophylline-theophylline-ephedrine prep. on vasomotor tone (Ger) 3259

eff. of theophylline deriv. on cerebral blood flow (Ger) 13637

filtration coefficient of capillaries of cat brain 12566

focal vasc. dis. in ment. patients, statist. (It) 32153

histol. technics in circ. research, review (Pol) 30389

hypertension without localizing signs, diag. value of carotid angiography (Fr) 263

ischemia due to thrombosis of subclavian-vertebral artery thrombosis, surg., thromboendarterectomy 54669

ischemia, relation to anesth. inj. eff. (Ger) 7080

ischemia, ther. (Fr) 31482

neural theory of vasomotor control 33410

persistent carotid-basilar anastomosis, case report 17803

physiol. & eff. of various drugs (It) 31692

pressure, eff. of O2/CO2 ratio in inspired air (Rus) 33231

principles of vasc. surg. 36262

thromboangiitis obliterans, manifest. & case report (Rus) 6592

transient circ. disord., pathogen. (Ger) 19403

tumors of vasoregulatory tissues, classif. (It) 37530

unusual human anterior cerebral artery 50309

vasc. dis., bishydroxycoumarin ther. (Rus) 34685

vasc. dis., classif. & diag. 3641

vasc. dis., clin. & ther. aspects of pre-hemorrh. stages (Rus) 46296

vasc. dis., diag., angiography 4010

vasc. dis., diag. by measurement of cerebral blood flow before & after admin. of various drugs (It) 44322

vasc. dis. of rare occurrence (Rus) 43438

vasc. dis., review 17006

vasc. dis., review (Rus) 48305

vasc. disord., early diag. (Ger) 43338

vasc. disord., EEG manifest. (Sp) 19780

vasc. disord. in aged 51590

vasc. disord., med. ther. & neurosurg. (Fr) 18633

vasc. disord., ther., 7-(2-hydroxyethyl)theophylline with theophylline ephedrine (Ger) 55409

vasc. disord., ther., review (Fr) 33415

vasc. lesions, diag. & ther. difficulties (Sw) 33113

vasc. lesions, physiopathol., diag. & management, review 31594

vasc. malform., multiple, diag. & surg. (Ger) 34601

vasospasm, review 52608

venous circ. & collateral circ. 9821

***cysts***

cholesteatoma, case reports & review (Fr) 35231

cholesteatomas, pathol. & clin. & x-ray manifest. (Fr) 35235

epidermoid, review (Fr) 7381

hygroma, subdural, post-traum., case report (It) 24938

porencephalia, review (It) 32170

porencephalic, bilateral, in inf., with cerebral palsy, epilepsy & ment. retardation 25513

prenatal porencephaly, relation to encephalomalacias of early life, histopathol. 17742

***diseases***

amebiasis, review 10127

atrophy & space-occupying lesions, diag. by angiography of lenticulostriate arteries 38415

atrophy, case report & x-ray manifest. 8494

atrophy causing generalized pseudoparalysis, case reports (Fr) 47443

atrophy, causing hypochondria, differ. diag. from organic schizophrenia, pneumoencephalography (Ger) 28382

atrophy causing simultaneous agnosia (Ger) 36482

atrophy, circumscribed porencephalous-type, review (It) 32170

atrophy, diffuse, case report & clin. pathol. conf. (Sp) 9735

atrophy, with defic. disord. due to dystrophy, pathogen. (Ger) 7373

brain-damaged child., EEG & clin. aspects (Sp) 36846

calcification after tuberc. meningitis in child., x-ray manifest. & statist. 35429

calcification due to toxoplasmosis 30201

calcification, familial (Ger) 54346

calcifications with Sturge-Weber dis., clin. & histopathol. aspects 50929

caused by Asian influenza, in child., case reports (Fr) 41914

caused by carbon monoxide pois. & causing second memory (Ger) 33374

caused by cholesteatoma of inner ear (Fr) 35239

caused by electric inj., EEG (Ger) 44217

caused by hypertension (Rus) 28815

caused by metastatic struma colloides (Ger) 23800

caused by otitis media, case reports (Rus) 39428

caused by radiations in early childhood, diag. (Ger) 45263

caused by radical surg. of otitis media (Ger) 19317

caused by systemic hypertension (Sp) 31033

causing exophthalmos (Rus) 38807

causing hallucinations (Ger) 46045

causing hematemesis 27990

causing musc. hypertonicity, measure of force of passive extension musc. reactions in (Fr) 21264

causing paraplegia (Por) 16120

causing schizophrenia, nosol. reclassif. (Ger) 46050

causing somesthetic disord., cortical potentials (Fr) 44745

chickenpox encephalopathy in 7-year-old child, case report (Fr) 21322

chronic brain synd. 16677

chronic encephalopathy caused by minor head inj., case report 46493

circumscribed atrophy in Alzheimer's dis. (Ger) 39034

Claude-Loyez-Lhermitte synd. (Pol) 30082

compression caused by congen. tumors & cysts, case reports & surg. (Fr) 35234

conceptual behavior of brain-damaged patients, multivariable analysis 50101

continuous & intermittent pain & hemiagnosia for pain associated with hemispheric lesions of brain (Fr) 5801

contusion with edema, ther., cranial decompression (Ger) 37830

Cryptococcus neoformans granuloma 5530

cysticercosis (Rus) 35851

cysticercosis, complement fixation (Rus) 55309

cysticercosis, surg. (Dan) 43250

cysticercosis with cyst-wall calcification 32497

Czech. med. & educ. welfare programs for child. with perinatal brain dis. (Ger) 34139

detection of brain damage by Trail Making Test 40756

diag. by Archimedes spiral aftereffect 17130

17155

17156

diag. by drawing rotation test 17119

diag. by Hewson ratios on Wechsler-Bellevue I test 17128

diag. by Tacorzynski block technic 17120

diag., demonstration of posterior cerebral artery by carotid angiography (Ger) 35416

diag., localization 54518

dysfunct., biochem. factors, review 579

echinococcosis, case report (It) 31694

echinococcosis, en masse ablation of intrahemispheric cyst by increase of pressure in opposite lateral ventric. (Fr) 9136

edema caused by frontal sinusitis, case report (Fr) 54113

edema, diag. by periodic acid-Schiff reaction (Ger) 27160

edema, induction technics, morphol. & physiopathol. in rabbits (Sp) 31833

eff. of expansive intracranial processes on cranial sutures (Ger) 29062

eff. of pathol. foci of stationary irritation on EEG (Rus) 33355

eff. of waking reaction in EEG (It) 1521

eff. on foveal synchrony & thresholds for apparent movement in child. 17136

eff. on perception, Teuber's research (Fr) 25104

encephalomalacia, eff. on cerebral vein histol. (It) 32148

encephalomalacia, physiopathol. & funct. of collateral circ. (Fr) 37926

encephalopathy of hepatic origin, clin. & pathogenic aspects 41910

encephalopathy of pancreatic origin (Fr) 9140

evolutionary theory, review 30487

expansive lesions, diag., phlebography (Ger) 39401

exper. subcortical lesions induced by stereotaxic appar., review (Rus) 49528

Fahr dis., histopathol. of intracerebral vasc. changes (Hun) 4130

flicker fusion thresholds in brain-inj. child. 23409

glutamic-oxalacetic & glutamic-pyruvic transaminases in blood & CSF in (It) 37436

glutamic-oxalacetic transaminase activity of blood, clin. significance (Ch) 38374

granuloma caused by cryptococcosis neoformans (It) 27870

granuloma caused by sarcoidosis, x-ray manifest. 35434A

Hallervorden-Spatz dis., histochem. & macrochem. of non-specific lesions 17801

hepatic encephalopathy caused by alcoholic cirrhosis, clin. pathol. conf. 3982

hepatic encephalopathy, limited ther. value of arginine 571

immediate craniotomy in operable brain lesions 8005

in child., aminoaciduria & serum transaminases, eff. of vitamin B6, in convulsive type of disord. (It) 2963

in child., diag. value of angiography (Ger) 7092

in child., med., medicopedagogical & soc. aspects (Ger) 55397

in child., relation to ment. retardation & schizophrenia 12613

in early childhood, etiol. & prognostic role in juvenile delinquency (Ger) 34205

in inf. & child., ther., possibilities & limitations (Ger) 55408

in inf., relation of early lesions to retardation (Ger) 34218

in influenza A2 in child. (Rus) 34790

in severe systemic dis. in child. 49633

lead encephalopathy in child., edathamil & dimercaprol ther., comparison of post-ther. ment. develop., statist. follow-up 5711

lesions caused by antenatal, perinatal & postnatal circ. disord. 50932

lesions causing musc. rigidity & spasticity, electromyography of stretch reflex (Fr) 44622

leukodystrophy in 5-month old dog, veterinary pathol. case report 49618

limbic lesions, exper. & morphol. basis of symptomatol. in humans (Rus) 34815

localized processes in child., differ. diag. (Ger) 42874

metachromatic leukoencephalopathy in child., histochem. of eye 86

microfocal funct. loss in hypertension, clin. picture & pathogen. (Rus) 28816

motor lesions, significance of motor evolutism in rehabil. (It) 6842

mucormycosis, fatal cases 23453

mucormycosis in diabetes mellitus 11756

neuromotor manifest. in child. (Sp) 36861

Nocardia infect., case report (Fr) 35057

non-eclamptic toxic encephalopathy in pregn. with mesencephalic malacia (Ger) 55739

non-space occupying lesions, transient positive angiographic & pneumoencephalographic findings (It) 42722

orbital lobe synd., relation to hebephrenia (Ger) 36487

organic & funct. abnorm. caused by liver cirrhosis & pulm. edema, ther., kanamycin 25015

organic brain synd. simulated by bromide pois. with psychotic manifest., case report 3186

organic brain synd. simulating funct. psychoses, case report 3194

pathol., postmortem congen. & vasc. lesions 9760

pneumatocele, traum. & non-traum. cases, clin. & x-ray aspects (Fr) 54111

post-traum. extraventric. pneumocephalus, case report (It) 15896

progressive cerebral degen. in child. 7393

progressive sclerosis with schizophrenia, hered. & postmortem aspects (Fr) 47441

psychomotor synd. & other damage in newborn inf. caused by labor acceleration with oxytocin & anesthetics (Fr) 11985A

reading failures & nonfailures in child. with brain damage 47027

relation to musical ability (Fr) 44767

sclerosis of metachromatic type in infancy, pathol. 50934

solitary coralliform calcifications as manifest. of old cerebral hematomas (Fr) 53434

subacute presenile spongiform atrophy with dyskinetic terminal stage, neuropathol. (Ger) 27173

subdural effusions in hypernatremia in inf. 43511

surg., postop. ventriculography (Ger) 45988

tentorial rupt., hematoma & other lesions causing resp. disord. & pulm. dis. in newborn inf. 24895

toxoplasmic calcifications, x-ray images (Fr) 54617

toxoplasmosis, eff. of pyrimethamine & sulfadiazine in guinea pigs 93

trichinosis, ACTH & cortisone ther. 24430

tuberc., exper. induction by intrapharyngeal admin. of bact. (Rus) 31211

tuberc. in aged 48378

tuberculoma, case reports 38397

tuberculoma, surg. 41224

tuberculoma, surg. (Fr) 19773

with sarcoidosis & hypercalcemia, prednisone ther. (Dan) 22418

x-ray diag. & characteristics (Fr) 35435

***effect of drugs on***

acetylcholine on exchange of inositol & phosphate in phosphoinositide in guinea pig brain cortex slices 16899

acetylcholine on exchange of phosphate in phosphatidic acid in guinea pig brain microsomes 16900

ammonium carbonate tox. in rats, EEG 52321

anesthetics on electric potentials of brain (It) 51967

aromatic boronic acids, relation of drug penetration to chem. structure 44960

chlorpromazine & 1-piperidinomethyl-tetralol-2 inducing inhib. of oxidative phosphorylation of cerebral cells, abolishment of inhib. by sulfhydryl cpds. (Ger) 13745

contrast media sodium acetrizoate & diatrizoate on cerebral circ. in carotid angiography in cats 35423

disulfiram, acetaldehyde & other aldehydes on oxidative phosphorylation in rat mitochondria, biochem. 8498

isopropyl methylfluorophosphate on cardio-inhibitory, vasomotor & resp. centers of vascularly isolated dog head 47743

meprobamate & pentobarbital on subcortical response to auditory stimulation in cat 51079

physostigmine, on synapses (Rus) 34811

reserpine-serotonin, antag. eff. of iproniazid & lysergic acid diethylamide (Fr) 44915

thyroxin inject. on L-glutamic acid decarboxylase activity in rats (Fr) 37106

tranquilizers as energizers 24626

vitamin B complex on rhinencephalon of active & free rabbit (Fr) 26770

***effect of radiations on***

on mouse brain of several genotypes 11748

x-ray induced lesions, time-dose relation & morphol. in rabbits 46716

***embryology***

develop. disord. of cytoarchitecture (Ger) 27165

develop. of forebrain of various reptiles (Sp) 13519

early develop. in marsupials 16781

eff. of maternal vitamin C defic. on fetal brain develop. in guinea pig 49625

morphogenesis, role of CSF pressure (Fr) 26750

***extracts***

antidiuretic eff. of extracts of various parts of toad brain in rat, seasonal variations (Fr) 26716

antidiuretic eff. of extracts of various parts of toad brain in rat, seasonal variations (Sp) 8982

eff. on regen. of eyes of Dugesia lugubris (It) 9322

extracts from rabbits after exposure to electroshock inhibiting motility & excitability in monkeys (Ger) 36944

hypocholesteremic eff. of oral admin. of brain extract, mechanism of action & ther. value 17593

neurokstone, depressive eff. on CNS, in convulsions induced by metrazol, camphor & strychnine, in rats, mechanism (It) 1526

neurokstone, eff. on vasopressin-induced spasm of coronary vessels (It) 36807

***foreign bodies***

intracranial sewing needles, causing intermittent headache, surg. removal (Ger) 34608

***hemorrhage see*** **CEREBRAL HEMORRHAGE**

***in various diseases***

fatal methyl bromide pois., case report (Fr) 47423

liver dis. (Ger) 49681

neoplasms of various internal organs (Rus) 34751

plasma cell myeloma, physiol. & pathol. case reports (Fr) 44991

simultaneous Hemophilus pertussis & type 5 adenovirus infect. in young girl with cerebral compl. (Fr) 31077

***infarction***

bilateral, resp. response to carbon dioxide stimulation 7396

cortisone ther. 40097

diag., cerebral angiography with diatrizoate sodium & cervical sympath. block 45567

in dissecting aneurysm of innominate artery with localized calcification, case report 36257

ischemic damage to small cerebral vessels in infarct in cats & monkeys 17795

with multiple cerebral, renal & other systemic compl., clin. pathol. conf. 52591

***metabolism***

acetyl & carbamyl phosphatases, purification & properties 1696

acetylcholine biosynthesis after ammonium pois. in rat, similarity to hepatic coma 17599

acetylcholine content, decrease induced by anticonvulsants in rat 3658

acetylcholine content, decrease induced by anticonvulsants in rat dose-response curve 36582

acetylcholine level, relation to rate of compulsive circling in rabbits 5477

alkyl phosphates in pois., detection with pyridine-2-aldoxime-methyl iodide (Ger) 39028

amino acids, eff. of electric convulsions, electrophoresis (Ger) 36488

4-aminobutyric acid, glutamic acid, glutamine & glutathione, determ. & distribution in rats 50922

4-aminobutyric acid-α-ketoglutaric acid transaminase from bovine brain, properties 28214

4-aminobutyric acid occlusion & metab. in brain tissue 41201

ammonia & glutamine, eff. of bact. toxins (Rus) 33566

ammonia & glutamine, eff. of barbiturates (Rus) 33565

ammonia & glutamine, eff. of carotid ligation (Rus) 1755

ammonia & glutamine, eff. of temporary cardiac exclusion from circ. in hypothermia (Rus) 33569

ammonia & glutamine, increased content after electroshock in rats 5490

ammonia, eff. of penicillin & streptomycin (Rus) 37184

ammonia form. in guinea pig brain slices, mechanism 5476

ammonia level, eff. of anoxia, ischemia, asphyxia & hypothermia on rabbits (Ger) 5474

antiheparin activity of thrombocytes from brain extracts (Ger) 10338

arterenol & serotonin, eff. of harmaline on long-acting monoamine oxidase inhibitors in mice & rats 49359

ATP & phosphocreatine, eff. of exper. pois. with solvents (Rus) 33851

ATPase activity, eff. of pois. with Shigella dysenteriae toxin in mice 36569

barbital labeled with radiocarbon, in rats (Rus) 49424

benzchlorpropamide fixation in different sites in cat brain after oral admin. (Fr) 32947

calcium, eff. of aging in rats 40876

carbohydrate balance (Ger) 18332

carbohydrates, in brain tumors (Rus) 34756

changes induced by lysergic acid diethylamide pois. in rabbits, prev. with adenylpyrophosphate & vitamin C (Fr) 26862

chem. biomorphosis, eff. of aging (Ger) 22942

chem. changes during early myelination in immature mouse brain 50920

cholesterol & fatty acid synthesis 36612

cholesterol turnover in brain of growing chicken 41211

choline acetylase activity of rabbit brain extracts 5470

cholinesterase activity in rats in relation to age & strains 50920

cholinesterase & lactic dehydrogenase activities in rats 50921

cholinesterase, correlation with brain weight in rat 47102

cholinesterase, eff. of methylphenidylacetate in rabbit (It) 9397

desoxyribonucleic acid & desoxyribonucleoprotein from brain extracts of schizophrenics, antigen-antibody reactions 39368

desoxyribonucleic & ribonucleic acids in various ages (Ger) 46067

disord. induced by chronic admin. of lysergic acid diethylamide in rabbits, eff. of chlorpromazine & 10(N-piperazinyl-carbonyl) phenothiazine (Fr) 26818

disturbances induced by prolonged admin. of LSD in rabbits, influence of ATP, cytochrome c & vitamin C (Fr) 15123

eff. of adenylpyrophosphate, vitamin C, cytochrome c & sodium cyanide in rabbits under narcosis (Fr) 15109

eff. of anoxia & ischemia at normal & reduced temperatures on rabbits (Ger) 5473

eff. of benzoquinollizines (Ger) 26995

eff. of chlorpromazine in vitro, review 8342

eff. of exper. ligation of carotid arteries in newborn & adult rats (Cz) 21570

eff. of glutamate & potassium on phosphorus incorporation into nucleotides & phosphocreatine in brain slices 24036

eff. of lysergic acid diethylamide in rabbits, influence of various other drugs (Fr) 28670

eff. of lysergic acid diethylamide in rabbits, relation to exper. psychoses (Fr) 3065

enzymes in mouse encephalomyocarditis (Ger) 33999

enzyme systems in adults & newborn inf. (It) 20219

free amino acids in hypoxic convulsions in cats, electrophoresis (Ger) 25380

free & conjugated morphine in tolerant & nontolerant rabbits 17947

free nucleotide content in rats during generalized convulsions (Ger) 43003

glucose & galactose incorporation into cerebrosides of rat brain, age factors 28239

glucose uptake & oxidation in perfused cat brain 5494

glutamic acid decarboxylase distribution in exper. animals, fluorimetric determ. 41203

glutamic-oxalacetic transaminase activity in exper. hyperthyroidism in rats (It) 1948

α-glycerophosphate dehydrogenase, relation to resp. chain in brain mitochondria 1396

glycerophosphatide synthesis from radiocarbon-labeled precursors in rat brain slices 14627

glycogen, diurnal changes in rats 49333

glycogen, eff. of cold in lizards (Cz) 48622

glycogen, eff. of spreading depression on content in rats 5495

glycolysis, eff. of artif. hibernation in rats (It) 11830

5-hydroxytyramine in mammals 49348

in cortical spreading depression (Cz) 38185

inositol phosphatide content of bovine brain (Ger) 47932

lactic acid content in exper. animals, comparison of colorimetric & ceric sulfate-iodometric methods 41202

lactic acid form. rate in human brain in normal & pathol. cond. (Ger) 53074

lactic acid levels in dogs exposed to hypoxemia & hypocapnia 16836

lecithin & serine cephalin, purification from beef brain tissue, identification & potent thromboplastic activity of serine cephalin-lecithin prep. 28240

lipids, comparative histochem. in rabbits in relation to myelination 50918

lipid content in fetus, inf. & child. 5489

lipids, relative stability 41799

lipophilic peptides & proteins from mouse brain 1364

lipophilic protein fraction from mouse brain, isolation & composition 1365

long-chain fatty acids, activation & oxidation in rat brain in vitro 5488

long-chain fatty acid isolation from glycerophosphatides of ox brain (Ger) 5481

long-chain polyenoic acids in glycerophosphatides of ox brain (Ger) 5482

lysine incorporation into proteins in various brain areas in monkeys 5480

lysine uptake in mice at different ages 5479

non-hemin iron content of human brain at various ages 41306

nucleic acid composition & content in exper. virus encephalitis in mice 24210

nucleotides in rats, separation & identification (Ger) 29884

oxygen consumption changes induced by thiopental in vitro, eff. of cocarboxylase (It) 1883

oxygen consumption in vitro, eff. of atropine, serotonin & primidone (It) 1884

oxygen uptake of rat brain homogenates in vitro, determinants of chlorpromazine action 49335

phosphoproteins, eff. of chem. inhib. & irritation in animals (Rus) 37132

potassium bromide, tracer studies in dogs (Rus) 3566

proteins, eff. of alkylaminophenothiazines in rats (It) 37314

proteins, extractive, eff. of chronic admin. of ACTH & steroid hormones in rats (It) 14023

proteins, topography (Rus) 34765

quantitative evaluation in various dis., technic & applications (It) 42485

radiophosphate uptake, eff. of chlorpromazine in normal, adrenalectomized, hypophysectomized & burned rats 26992

radiophosphorus fixation in rainbow trout, comparison with other organs & tissues (Fr) 26758

radiophosphorus, topographic distribution (Rus) 34757

radiophosphorus uptake, eff. of adrenalectomy in rats 210

radiophosphorus uptake, eff. of hypophysectomy in rats 35092

relation to form. of CSF 28648

resp. in vitro (Pol) 23581

serotonin content, eff. of cortisone admin. to rats (It) 37449

serotonin content, eff. of stress in hares (Fr) 39261

serotonin content in various areas, eff. of exper. electroshock in dogs (It) 37447

spongosine biosynthesis in rat brain tissue, mechanisms of enzymic reaction 28343

substance P in rat brain, eff. of various drugs (Fr) 36619

succinic dehydrogenase activity after ovariectomy & steroid admin. in rats 52377

succinic dehydrogenase activity in rat brain tissue, histochem. demonstration 17385

succinic dehydrogenase activity in single slice of brain tissue (Rus) 10940

succinic dehydrogenase, eff. of ajmaline, reserpine & serpentine in rat 4191

sulfhydryl cpds., silver & mercury methods of determ. (Rus) 48052

thyroxin & triiodothyronine localization in male guinea pig, radioiodine determ. 15807

transaminase activities, eff. of thyroidectomy & thyroid hormone admin. in rats (It) 335

triiodothyronine in rat brain mitochondria in vitro 49260

water & electrolyte levels & acid-base metab. in newborn & adult animals, relation to susceptibility to exper. seizures 31280

***pathology***

changes in terminal plasma induced by hypothermia in lizards 52381

gross anat. changes & alterations of chem. composition of brain tissues in exper. hypernatremia in kittens 43512

histopathol. changes after exper. herpetic keratitis (Ger) 25254

illustration of brain sections for reprod. 29243

in anoxemia following severe abdom. trauma, case report 49619

in asphyxia (Rus) 55855

in cardiovasc. abnorm. (Rus) 28808

in endocarditis lenta treated by antibiotics, autopsy findings (Rus) 28741

in infect. & tumors 45045

in leukemia (Rus) 28813

in lymphatic leukemia (Ger) 25818

in neurofibromatosis, gross & histopathol. (Fr) 9154

in paralysis of conjugated vertical ocular movements, histopathol. of involved regions (Rus) 40049

in time agnosia with color agnosia & word blindness, postmortem aspects (Ger) 36484

mammillary bodies in alcoholic psychoses 19803

postmortem tissue study by transforaminal approach, technic & results 558

postop. cerebral damage in extracorporeal circ. with De Wall-Lillehei bubble oxygenator in dogs 16060

stability of isolated mitochondrial fractions (Fr) 26694

***physiology***

adrenergic & cholinergic cerebral neurohumoral control of synaptic transm. mechanism 15700

adrenergic mechanisms, determ. by isolated head & brain perfusion technic (Fr) 41329

auto-stimulation, localization of impulse mechanism & eff. of drugs & mechanisms in drug addiction (Ger) 15431

bioelectric potentials in hamsters awakening from hibernation & hypothermia (Ger) 33931

brain centers, theory 19007

brainedness in temporal epilepsy & temporal lobe gliomas, statist. 24085

central encephalic funct. in consciousness (Fr) 41908

cerebral cortex-hypothalamus relations, importance for higher funct. of brain (Ger) 19754

during thinking & creative processes 28616

eff. of attentive thought on subcortical visual responses (Fr) 54090

eff. of brain lesions on personality, comparison with eff. of chlorpromazine, review 8346

eff. of corpus callosum partial section on differentiation of visual, auditory & tactile stimuli in dogs (Rus) 15758

eff. of corpus callosum section on learning & tactile discrimination in cat 50941

eff. of environment on mammalian brain (Ger) 3289

eff. of extracorporeal circ. on blood supply, metab. & volume 18117

eff. of hydergine on blood circ. & metab. in ment. disord., role of age factor (Ger) 33847

eff. of hypoglycemia on rhinencephalic electric potentials in rabbit 70

eff. of local warming & cooling on thermoregulatory reaction in rats (Ger) 53088

eff. of partial decortication on subcortical nuclei arterial system in animals (Rus) 13567

eff. of stomach stimulation on subcortical electric activity (Rus) 49537

eff. of subcortical polarization on x-ray picture of stomach motor funct. (Rus) 1749

eff. of temperature changes on oxygen consumption, resp. & circ. in dogs (Ger) 30576

eff. of tryptophan defic. diet on serotonin content in animals (Ger) 33986

electrostimulation during exper. hypothermia, eff. on visual system 11662

factor I 31889

factor I, assay of 4-aminobutyric acid in 31889

factor I distribution in mammals 41337

factor I, eff. on contraction of smooth musc. prep. in vitro 51105

Freud's concepts of brain funct. & brain dis. 20544

funct. recovery of cats with rostral reticular lesions 50951

growth of rat embryos transplanted whole into brain of young rats 17878

hemispheric dominance & asymmetry in left handedness, eff. on vision & language (Fr) 49227

implanted electrodes in white rats (Rus) 13870

in aphasia, relation of cerebral dominance & handedness to progn. 25982

in hibernation of ground squirrel 47100 47101

interhemispheric communication through corpus callosum, mnemonic carry-over between hemispheres 68

layer theory (Pol) 24048

limbic & neocortical systems, contrasting funct. & application to psychosomatic med., review 12339

limbic cortex, role in visceral afferent mechanisms of autonomic NS (Rus) 28794

limbic system, role in visceral afferentation 24015

main trends in develop. of brain physiol. 50838

neurophysiol. principles of electrical stimulation, review (Ger) 7383

neurotropic mechanism in intracerebral passage of Plasmodium berghei & Trypanosoma species from mouse to mouse (Fr) 14448

optic lobes, electrophysiol. analysis of phenomena of interaction in pigeons (It) 14009

optic lobes, spontaneous electrical activity in pigeons (It) 14008

plasticity of abdom. skin reflexes in man 25974

reaction of dog brain to latex 23497

registration of electrical potentials in various parts of cortex, subcortex & brain stem with implanted electrodes in dogs (Rus) 23271

relation of brain excitability to age & hypophysectomy 44106

relation to perception & mind 15514

research of Ferdinando Cazzamalli 40864

resynthesis of phosphocreatine in brain after electric stimulation of brain of rats in shock 24037

rewarding & punishing eff. of stimulating same place in brain of rat 50485

rhinencephalon role in afferent visceral reactions (Fr) 26677

satiation eff. of self-stimulation of brain in rat 50486

substance P, eff. on determ. of serotonin in tissue extracts 5478

survival time after exper. interruption of blood circ. in rabbits, eff. of various drugs (Ger) 54931

weak electric responses, photoelectric detection, determ. forms & variations (Rus) 49518

***radiography***

***see also*** **VENTRICULOGRAPHY**

Bellosi's cisternography, interpretation (It) 3636

directed cisternography in diag. of tumors of cerebellopontile angle (Ger) 34607

dynamic encephalography, technic & clin. application 35408

fluoroscopy with image-intensifier, technic (Ger) 35410

globule sign caused by CSF fatty acid decomposition (Ger) 34122

in neuro-psychiatry, indic. & value (It) 32163

in paroxysmal hemi-hyperhidrosis (Fr) 44754

in surg., technics & diag. value 31616

***surgery***

anesth., intubation, eff. of artif. resp. (Ger) 25388

electrocoagulation of prefrontal lobe in ther. of peptic ulcer (Sp) 49157

hemispherectomy in infantile hemiplegia, case report (Fr) 24241

hemispherectomy in Sturge-Weber dis. (Fr) 35247

left hemispherectomy for epilepsy, aggressivity & hemiplegia following cranial inj., in 15-year-old boy (Sp) 49150

section of structures of base of brain in dyskinesis, with pneumotaxic localization, recording & stimulation 19794

stereotactic, indic. & technic (Ger) 9540

subcortical surg. in paralysis agitans & other dyskinesias (Sp) 32455

subdural implantation of electrodes in epilepsy (Sp) 31005

***transplantation***

heterografts of forebrain region in chick embryos before establishment of circ. 7243

homografts of forebrain region in chick embryos before establishment of circ. 7242

***wounds and injuries***

acute, incidence & classif. in Denmark (Dan) 10618

acute lesions due to traffic accid., mortal. & morbidity statist. in Denmark (Dan) 10619

adrenocortical reactions (Rus) 46317

birth inj. & other lesser damage, causing learning disabilities, case reports 5721

causing acute renal failure 37648

causing chronic delusion, clin. & psychopathol. aspects (Fr) 48414

causing edema, ther. (Ger) 22813

causing intracranial space-occupying lesions 20472

causing neurosis, medicolegal classif. (Sp) 8724

causing neurotic manifest. (Ger) 23096

causing psychogenic disord. (Rus) 34697

causing psychoses, clin. aspects (It) 29571

causing pulm. edema (Ger) 11362

causing remote fatal coronary dis. (It) 6920

causing Simmonds' dis. (Ger) 49040

causing thromboangiitis obliterans, case reports (Bul) 32808

causing thrombosis of internal carotid artery, anat. & clin. aspects (It) 32135

cerebral edema & EEG changes after local acute closed inj. 23411

clin. & x-ray exam. (Ser) 45906

closed birth inj., follow-up of seq. in injured twin by comparison with control twin 24088

closed inj. causing brain stem synd. with laughing disord., case report (Fr) 9144

closed inj. causing central deafness & memory disord., diag. tests (It) 42757

closed inj., early & late EEG manifest. (Ger) 38430

closed inj., management (Ger) 33909

closed inj., post-traum. hypertension (Rus) 33879

closed, posttraum. compl., role of symmetric internal hydrocephalus in diag. (Ger) 20827

concussion, analysis of resonance-cavitation theory 16862

concussion & contusion, sleep ther. (Rus) 9865

concussion & inj., dynamics, new theory 5529

concussion causing vomiting, prev. & ther. with rodavan (Ger) 42318

concussions, cond. vasc. reflexes in (Rus) 10226

concussion, diag. & posttraum. seq. (Ger) 7030

concussion, exper., eff. of autonomic drugs on ECG in cats (Hun) 28788

concussion, expert testimony in compensation (Ger) 19431

concussion, optic chronaximetry (Rus) 45855

concussion, physiopathol. in cats (Ger) 42304

concussion, review (Ger) 35578

contusion, causing homonymous hemianopia with photophobia & controlateral occipital pains induced by light stimulation (Fr) 9116

craniocerebral, compl. (Fr) 27022

craniocerebral inj. caused by traffic accid. (Fr) 9212

craniocerebral inj. causing cerebral hemorrh. & necrosis of an asympt. pituitary adenoma (Ger) 44930

craniocerebral inj., differ. diag., role of fresh findings, psychosomatic aspects (Ger) 18949

craniocerebral, tracheotomy (Fr) 6398

craniocerebral inj. with fract. of cranial base, diag. & ther. (Rus) 54551

craniocerebral inj. with ment. disord., statist. (Ger) 55582

critical flicker frequency, correlation with EEG findings 19791

diag. value of electronystagmogram, review (Ger) 49119

diag. value of immediate findings (Ger) 18965

disability evaluation (Dan) 45537

eff. of acute closed cranio-cerebral inj. on blood sugar & eosinophil count 11886

eff. of closed non-severe inj. on cortical lability (Rus) 23256

eff. of exper. inj. on hemato-encephalic barrier (Ger) 27174

eff. on intelligence test performance 17129

exper., permeability of cerebral blood vessels during wd. healing in rabbits 52573

impairment of flicker discrimination in brain damaged patients 19789

in boxers, EEG of neurophysiopathol. seq. (Sp) 39094

in child. & young adults, soc. rehabil. (Ger) 27164

in child., EEG in closed trauma, eff. of rhythmic photic stimuli (Rus) 34795

in child., eff. on perceptual processes, comparison with normal & ment. defective child. 597

intrauterine inj. causing congen. ment. defic. (Ger) 45936

learning in brain-injured child by living in a structured setting 46979

minor lesions in child., diag. & manifest. (Sp) 36848

neurosurg. management of severe inj. 28157

neurosurg., postop. drug resist. pyogenic infect. in Korean casualties, antibiotic ther. 5525

pattern construction performance of brain-injured ment. defective child., comparison with familial ment. defective child. 46978

penetrating wds. with retention of for. bodies (It) 39687

physiopathol. (Ger) 49090

post-concussion synd., ther., papaverine with quinine (Ger) 49053

post-traum. analyser relationship disord. (Rus) 55857

post-traum. coma, ther., parenteral infusion by drip feeding for 3 months (Fr) 427

posttraum. decompensation, ther., papaverine-theophylline-barbiturate prep. (Ger) 52220

post-traum. epilepsy, case report 3190

posttraum. headache (Ger) 46047

post-traum. pneumonia, morphol. & pathogen. (Rus) 33270

post-traum. subjective synd., clin. manifest. & ther. (Fr) 9656

posttraum. synd., EEG findings, value & limitations (It) 32138

relation of edema, blood-brain barrier & tissue in local brain inj. 17793

sequelae (Fr) 36095

specific & general eff. 11646

ther., Aesculus hippocastanum extract-rutin-vitamin B1 prep. (Ger) 45406

ther., artif. hibernation (Cz) 2754

ther., artif. hibernation (It) 19159, 19251, 54202

ther., 1-bicyclo-2, 2, 1(hept-5-en-2-yl)-1-phenyl-3-piperidino-propanol (Ger) 18328

ther., cortisone (Fr) 24268

ther., hibernation & hyperventilation (Den) 22426

ther., hypothermia (Ger) 11376

various diag. procedures 50312

vocabulary response to lateralization of cerebral lesion & concept of latent aphasia 4383

with hypochloremia & hyponatremia, differ. diag. from intracranial hematoma 11663

## BRAIN NEOPLASMS

clin. & diag. aspects (Rus) 21879

culture of human tumors, technic & cellular morphol. (Fr) 35242

diag. & ther. with radioisotopes, review 19767

glioma, histochem. (Rus) 22666

metastatic cancer, classif. 6994

metastatic from lungs in undiag. cases, statist. (Fr) 11839

***case reports***

angioma, arteriovenous, assoc. with saccular aneurysm of arteries 51022

clin. pathol. conf. (Sp) 53350

dermoid & epidermoid of posterior fossa with complete dermal sinus (It) 23806

ependymoma, surg. 12849

giant epithelioma (Fr) 31990

glioblastoma & fibrosarcoma with extracranial metastases 14739

glioma of corpus callosum with hemispheric propagation & parieto-occipital symptoms (Fr) 9133

glioma with spindle-cell sarcoma & pulm. metastasis 11765

hemangioreticuloblastoma of left parieto-occipital region in young girl (Fr) 9147

intracanalicular extramedullary tumors (Fr) 43818

large bidermal tumor (Rus) 22670

melanoma (Rus) 34748

meningiomas in 3 members of same family, without evidence of neurofibromatosis 50954

meningioma of anterior cranial fossa, metastatic from lacrimal gland (It) 36221

metastases from breast (Rus) 34749

metastatic from primary pulm. chorioepithelioma (It) 21447

metastatic hypernephroma with simultaneous metastasis to scalp (Fr) 32005

reticulum cell sarcoma, with diffuse hyperplasia (It) 32143

teratoma in chick (Ger) 55531

teratoma of posterior cranial fossa (It) 2971

***cerebrospinal fluid in***

relation to pathol. findings to tumor type (Ger) 52566

transaminases, glutamic-oxalacetic & glutamic-pyruvic (It) 21427

***complications***

blindness 43334

funct. disorganiz. of left extremities in tumor of corpus callosum infiltrating hemispheres 17739

intracranial hypertension with dehiscence of cranial sutures (Rus) 22668

olfaction disord. in tumors of posterior cranial fossa (Rus) 45728

retrobulbar neuritis (Fr) 27027

***diagnosis***

(Por) 6572

angiography, early venous opacification during serial x-ray (Fr) 35430

angioma, ventriculography 35407

angioma with cerebral hematoma, x-ray diag., case report 28819

astrocytoma & medulloblastoma, x-ray diag. & differentiation 35412

capillary angioma (Ger) 35574

carotid angiography in demonstration of posterior cerebral artery (Ger) 35416

carotid angiography in intracranial meningiomas (Fr) 53399

early diag. (Ger) 45989

early diag., difficulties (Ger) 45955

EEG (Dut) 52519

EEG (It) 19248

hamartoma, carotid angiography 53735

iodoventriculography in tumors of posterior fossa (Fr) 50361

localization by radiochromium chloride 46709

meningioma, x-ray diag. & differentiation from intracranial meningioma 35425

metastatic choriocepithelioma (Pol) 30070

selective ventriculography, position & technic (Fr) 35411

tomography of cranial base, value (Ger) 27151

vertebral arteriography (Fr) 35449

x-ray exam. of sella turcica, review 37820

x-ray localization of neurilemmoma in anterior pillar of cerebral fornix & anterior hypothalamus (Fr) 18016

x-ray of osecrescence on old Incan skull in diag. of advanced meningioma 51550

***differential diagnosis***

eclampsia simulated by brain tumor, unusual case (Rus) 43437

inflamm. pseudotumors (Rus) 34750

metastatic carcinomatosis, differentiation from meningitis 21847

***etiology and pathogenesis***

postop. dissemination of astrocytoma of spinal cord along ventricles of brain 50955

precancerous & other cond. which give rise to develop. & appearance of brain tumors (Fr) 43120

***experimental***

eff. of aromatic boronic acids, relation of drug penetration to chem. structure 44960

receptivity of brain tissue to Gulliers rat sarcoma homografts (It) 54482

*in infant and child*

angiomatosis, review & case report in 7-week old inf. 17918

astrocytoma of left hemisphere, clin. pathol. conf. (Sp) 13903

diag., manifest. & statist. of pediatric clinics of Stockholm 35353

differ. diag. from pseudotumoral synd. 9469

EEG (Ger) 25390

ependymoma, x-ray findings 818

general & focal cerebral sympt. (Rus) 34800

glioma, calcified (Ger) 30062

gliomas in posterior fossa, clin. aspects 26642

glioma with extracranial metastases, case reports 514

ocular signs 38651

posterior cranial fossa (Rus) 34802

radiother., clin. statist. (Fr) 45011

supratentorial tumors (Rus) 39730

sympt. (Rus) 34801

teratoma in newborn inf., unusual case 17797

with tuberous sclerosis, histopathol. & surg. indic. (It) 32114

*in pregnancy*

exacerbation of sympt. in pregn. 14236

surg. (Ger) 33854

*manifestations*

conditioned motor reactions in tumors of frontal lobe (Rus) 33663

convulsions 39153

EEG in angiomas (It) 32119

EEG, preop. & postop. (Fr) 54102

epilepsy in adults, statist. 6473

extraocular motor involvement in primary tumors 48446

eye & visual changes (It) 9395

eye findings in suprasellar tumors, significance (Ger) 45956

otoneurol. signs of the posterior fossa in parietal lobe tumor (Sp) 19784

psammomatous form. in choroid plexuses & pituitary gland (It) 36712

vestibulo-ocular reflex disord. of anterior nuclear paralysis type in supratentorial tumors 24068

*metabolism*

acetate-1-C14 incorporation into cholesterol by human tumors in vitro 41184

blood & CSF proteins, paper electrophoresis (Rus) 10945

carbohydrates in brain & musc. (Rus) 34756

phenols in brain & musc. (Rus) 55852

protein composition of glioma (It) 1953

proteins in cystic fluid of brain tumors, electrophoresis (Por) 25770

water-electrolyte & carbohydrate metab. (Rus) 22665

*pathology*

calcium deposits, microradiographic & x-ray crystallographic analysis 23966

parasagittal meningioma with metastasis to lung, necropsy 5699

*physiology*

capillary circ. in skin in intracranial hypertension of temoral origin (Rus) 34753

eff. on retinal blood pressure & circ. (Cz) 21563

electrogastrometric exam. in cerebellopontine tumors 52580

neurol. response to plastic stimulation, correlation with EEG & diag. value (Cz) 2779

posterior cranial fossa, unconditioned reflex changes (Rus) 34754

vascularization of pia mater & arachnoid endothelioma of brain surface (Rus) 33661

*psychology*

fear synd. caused by glioma of gyrus cinguli, case report (It) 27659

psychiatric & psychol. eff. in child. & adolescents, review & case reports (Ger) 23808

*statistics*

catamnestic (Pol) 43633

incidence & mortal. in Minnesota 38563

metastatic tumors (Fr) 37763

*surgery*

blood circ. & intracerebral pressure in (Ger) 45985

craniofacial meningioma, excis. in cranial, orbital & zygomatic stages (Fr) 53373

meningiomas at base of brain 26643

neuro-ectodermal tumors (Rus) 10948

postop. ventriculography (Ger) 45988

results, review 16061

suboccipital craniotomy, cardiac arrest 46055

value of preop. tracheotomy versus intratracheal intubation (It) 9273

*therapy*

boron10 in ther. of intracranial gliomas in mice (Fr) 7388

glioma, ther., radiocobalt & telether. with cobalt (Fr) 19768

local hypothermia, using specially designed cooling cannula unit 41881

radiother., review 31495

radiother., tolerance of brain tissue & sensitivity of tumors to irradiation 46719

BRAIN STEM

*see also* DIENCEPHALON

*see also* MEDULLA OBLONGATA

*see also* MESENCEPHALON

*see also* PONS

efferent projections from cerebellar nuclei to brain stem of cat 28307

reticular form., (Rus) 33478

reticular form., anat. & physiopathol., review (Sp) 53923

reticular form., review (Rus) 34739

*anatomy and histology*

central auditory nerve pathways 35327

fasciculus centralis tegmenti & reticular form. fiber system 23552

reticulomotor system in dogfish 40734

*blood supply*

arterial anat. & vasc. synd. (Fr) 53419

latent vasc. insuff., neurol. manifest. (Cz) 3787

*diseases*

brain stem synd. with laughing disord. caused by closed brain inj., case report (Fr) 9144

manifested by vertical or oblique nystagmus, clin. & histopathol. findings (Sp) 19782

myelographic synd. of caudal displacement of brain stem (Cz) 3783

*effect of drugs on*

chlorpromazine on reticular system, bibliog. 13868

*metabolism*

cholinesterase, eff. of methylphenidylacetate in rabbit (It) 9397

*neoplasms*

gangliocytoma (Ger) 27159

gliomas, manifest. & case reports (Por) 42200

gliomas, manifest., incidence & results of radiother. & surg. (Fr) 261

infiltrating gliomas, anat. & clin. aspects (It) 19256

medulloblastoma of posterior fossa causing horizontal conjugate gaze defect & facial paralysis 43128

*pathology*

degenerating fibers in lower brain stem, distribution 25979

in exper. scrapie in sheep 17109

*physiology*

bulbar & mesencephalic regulation of jaw movement in dogs 18473

convulsions induced by electrostimulation of reticular substance & periaqueductal substance in cat & rat, EEG & electromyography 5516

eff. of anoxia on reticular activity in cat (Fr) 15139

eff. of lesions on perception of heat & pain in cat 5510

eff. of lesions on response to chlorpromazine in monkeys 5411

eff. of stimulation of tegmentum of reticular formation on memory in cat 4929

electrical activity, eff. of anesth. 50229

resp. eff. of stimulation in monkeys as possible method for bioassay of drugs 52577

reticular activating system in cats, eff. of drugs which depress peripheral nerv. activity 48240

reticular form., eff. of stimulation on brain circ. (Fr) 41330

reticular form. facilitation of motor & cortical responses & arousal mechanisms (Fr) 41332

reticular form. in conditioned reflexes, review 24054

reticular form. interactions 12482

reticular form., role in system of analyzers (Rus) 23272

reticular form. stimulation causing behavioral changes in monkeys 39926

reticular mechanisms in behavior, review 53641

reticular post-discharges after electrical reticular stimulation 34834

reticular system relation to convulsive excitability of cortex, eff. of ethyl alcohol & barbiturates in rats 33984

standard difference between axillary & rectal temperature in paralytic encephalooptinal polio, due to differential inj. of brain stem & mesencephalon (Rus) 52884

*BRAIN SYPHILIS see* NEUROSYPHILIS

*BRANCHIAL CYST see* BRANCHIOMA

BRANCHIAL REGION

ultimobranchial remnants & deriv., relation to thyroid gland tumors in cattle 48977

*abnormalities*

first arch synd. 13429

unclosed cleft, surg. with resection of hyoid bone (Pol) 30309

*embryology*

develop. of Meckel's cartilage in hamsters & moles (Fr) 33573

BRANCHIOMA

(Fr) 6295

branchiogenic cyst carcinoma, diag. & surg. 24675

congen. cervico-facial fistula (Sp) 43688

*case reports*

clin. & histopathol. aspects 23460

congen. cyst-like malform. of possible branchial origin, in 13-year-old child (It) 19171

*differential diagnosis*

cervical lymph node tuberc. (Ger) 22345

*surgery*

with resection of hyoid bone (Pol) 30309

*BRANDY see* ALCOHOLIC BEVERAGES

*BREAD see* FOOD

BREAST

*see also* GYNECOMASTIA

*see also* LACTATION

*see also* MASTITIS

*abnormalities*

aberrant tissue, cancerous degen. (Ger) 34555

polymastia in female, case report (Pol) 7778

polythelia in cardiovasc. dis., incidence 48155

supernumerary breasts & nipples in male (Por) 43197

various types, indic. for surg. (Ger) 3285

*abscess*

epidemic, puerperal 24484

*anatomy and histology*

interstitial fluid, clin. significance, review (Ger) 3733

mammary epithelial mitosis in various stages of sexual cycle in mice (Rus) 37190

*blood supply*

eff. of simultaneous ligation of internal mammary & intercostal arteries on exper. coronary dis. (Ger) 55555

exper. anastomosis of internal mammary with coronary arteries 16514

internal mammary artery, bilateral ligation in coronary dis., statist. (It) 17513

internal mammary artery ligation in angina pectoris 50804

internal mammary artery ligature in myocardial revascularization in man, technic (It) 27637

ligation of internal mammary arteries, Davide Fleschi operation, eff. on coronary circ. & pericardial vessels, exper. study (It) 188

*cysts*

cystic dis., bilateral, with hyperestrinism, case report (It) 8601

*diseases*

ablasia of one breast caused by deep x-ray ther. of mediastinal sarcoma in young girl (Fr) 41369

bleeding nipple, clin. significance 11071

cracked nipples, ther., procaine block & chloramphenicol emulsion with ethyl aminobenzoate (Rus) 9863

echinococcosis, surg., case report (Sp) 29365

fatty necrosis, etiol. & pathogen. (It) 1495

fibrosis, pathol. 46482

hyperplasia, induction with estrogen & pituitary suspension in rats (Rus) 31158

hyperplasia, massive bilateral, in pregn., case report 20095

hypertrophy, clin. aspects & surg. 20852

hypertrophy, massive (Fr) 8153

lipophagic granuloma (Sp) 13532

macromastia, case reports (It) 193

mammary swelling in newborn, role of maternal hormones (Ger) 35575

panniculitis, bilateral (Ger) 34550

puerperal infect., ther., intravenous posterior pituitary extract (Fr) 44634

rhagades of nipples, eff. on lactation (Ger) 49614

secreting galactophorus ectasia (Fr) 53420

secreting mastopathy, malignant degen. (Ger) 48348

secretory dis., relation to plasma cell mastitis (It) 1494

tuberc. 2864

vitiligo in pregn. (Ger) 46281

x-ray differ. diag., value in detection of malignancy (Fr) 21365

x-ray of mastoses (Fr) 50360

***effect of drugs on***

cortisone on mammary involution in parturient rats 3415

hormonal control of mammary growth in rats 8639

progesterone, prolactin & whole human anterior pituitary substance on mammary gland of male mouse 50516

reserpine on mammary involution in rats 44069

serotonin on rat mammary gland (It) 37482

somatotropin on develop. in female mice 21661

testosterone alone & with insulin in castrated & hypophysectomized rats 35142

***extracts***

female mammary gland extract, eff. on female genitalia in intact, castrated & hypophysectomized rats (It) 13507

lipoid extracts, chemomorphotic eff. on ovaries & uterus of young rats (It) 29627

***fistula***

of mammary duct, pathol. & ther. 18439

***hemorrhage***

diag. value of mammography (Hun) 51433

***metabolism***

acetoacetic acid form. in homogenates of guinea pig mammary gland 25865

alkaline phosphatases, eff. of methylcholanthrene in inhib. of exper. mammary tumor transplants in rats (It) 21444

amino acid activation by individual enzymes 53477

amino acid incorporation into mammary tissue, review 53476

casein biosynthesis in goat, source of proline component 13718

coenzymes I & II, oxidized & reduced, content of mammary glands from lactating animals 37095

fatty acid biosynthesis in mammary tissue in vitro, eff. of hormones, review 14189

fatty acid synthesis, enzyme systems, review 53479

glucose, catabolic pathways in mammary gland slices from lactating animals 37094

glucose catabolism in pregn. & lactating rats, eff. of insulin & phenazine methosulfate 52414

glucose-6-phosphate dehydrogenase in rat breast at end of lactation (Ger) 23620

glucose utilization, pathways, review 53473

mucopolysaccharides in normal & pathol. cond., distribution & significance 708

oxygen consumption of mammary gland slices from lactating mice after forced weaning of their offspring 49238

protein phosphokinase from rabbit mammary gland, isolation & properties 1708

***pathology***

secretion of mammary gland in cytodiag. of Hodgkin's dis. (Ger) 23599

***physiology***

capacity funct., method of determ. (Rus) 12170

develop. & funct. in C3H/He Crgl mouse, endocrine control 41180

eff. of age at ovariectomy on mammary gland develop. in mice 31311

eff. of denervation on glandular tissue in guinea pigs (Rus) 48048

eff. of disord. of hypophyseal-gonadal funct. (Sp) 31801

eff. of hypophysectomy & castration on growth in male mice 17235

growth, hormonal synergism in, review 53469

growth, influence of general metab. action of pituitary hormones on response of breast to stimulating actions of estrogens 53470

relaxin role in stimulating mammary gland growth in mice 31345

***radiography***

criteria for use 24663

use of LogEtron electronic contrast modulator (Fr) 54611

without contrast medium, technic & results (It) 6805

***surgery***

***see also*** MASTECTOMY

mastoplasty complicated by keloid cicatrices (It) 8055

plastic, indic. & contraindic. (Sp) 30999

plastic, indic. & technics (Fr) 54136

***BREAST FEEDING*** ***see*** **INFANT NUTRITION**

**BREAST NEOPLASMS**

(Sp) 53950

aberrant breast tissue in axilla, case reports (Ger) 37753

adenofibroma, incidence & relation to benign dis. of breast (It) 1493

appearance, diag. & manifest. (Pol) 20436

benign & malignant tumors (Pol) 20439

bilateral metastatic (It) 27632

clin. manifest. & statist. (It) 23671

cystosarcoma phylloides (Por) 21050

53127

cystosarcoma phylloides, review (Sp) 13525

47830

diag. & ther. (Ger) 22181

in men 3663

in men (Por) 13591

inflammatory carcinoma 10083

Paget's dis., histopathol. comparisons with Paget's dis. of vulva (Ger) 15978

Paget's dis., incidence & pathogen. (Por) 53851

primary sarcoma 10078

progn. in subjects 35 years or younger 10109

***case reports***

adenocarcinoma with lipophagic granuloma, mastectomy followed by lipophagic granuloma of thoracic wall & forearm (It) 2880

cystosarcoma phyllodes in 13-year-old girl (Sp) 1831

cystosarcoma phylloides, malignant (Sp) 13530

epithelioma, sudoriparous, of skin of lower mammary fold (Fr) 2336

fibroadenoma, giant (Rus) 55340

giant fibro-adenoma with massive epidermoid metaplasia & keratin cyst form. 51040

hemangioendothelioma (Rus) 18262

leukosarcomatosis (Fr) 15179

malignant melanoma 47253

osteogenic sarcoma & carcinosarcoma, rare cases 5641

reticulum cell sarcoma (Sp) 44405

sarcoma (It) 7749

***complications***

adrenal cortical hyperfunct., case reports 14706

bone metastases of carcinoma, eff. of bilateral adrenalectomy & ovariectomy (It) 42545

compression of superior vena cava due to metastasis, x-ray diag. (Fr) 41398

leukoerythroblastic anemia, ther. hypophysectomy 35189

metastases to brain (Rus) 34749

metastases to lungs, x-ray pathol. (Ger) 41895

metastasis to middle ear (Ger) 23032

metastasis to parathyroid gland in hyperparathyroidism with osteitis fibrosa cystica 14751

metastases to spleen, eff. of adrenal cortex hormone admin. on incidence 23976

metastases to thyroid, intrafollicular growth (Ger) 34161

metastatic fract. of long bones, eff. of adrenalectomy & oophorectomy on fract. union 11890

multiple local recur., surg. & radiother. (Ger) 51282

osteolytic metastases with acute hypercalcemia causing renal failure 15015

recur., clin. statist. (Fr) 11856

***diagnosis***

40432

early diag. 28459

early diag. & progn. 12043

early diag. & registration (Ger) 42274

globulin-fluorescein complex stain, differentiation between normal & malignant cells 37650

immediate histol. exam. of lumps in breast, statist. 6128

infiltrating duct carcinoma, x-ray diag., case report 28516

of inflamm. carcinoma, skin biopsy, value in prev. of unwarranted surg. 12851

radiophosphorus (Rus) 45770

retraction phenomenon (Ger) 15362

x-ray (Fr) 9018

x-ray diag. (Ger) 18928

x-ray in early cancer, correlation with surg. findings 50119

x-ray, with & without contrast medium (Rus) 55249

***differential diagnosis***

benign tumors 27959

florid papillomatosis from Paget's dis. 10135

rapid cytol. method for Paget's dis. of nipple 41005

x-ray, value in differentiation of malignancy (Fr) 21365

***epidemiology***

in Jamaica 22712

***etiology and pathogenesis***

(Dut) 52531

attempted demonstration of tumor-producing agent in cancer extracts in mice (Rus) 33596

cancerous degen. of aberrant tissue (Ger) 34555

hormonal etiol. 17240

relation of breast feeding to cancer, statist. 48554

relation to follicle stimulating hormone (Ger) 55456

role of endocrine glands in origin & develop. of breast cancer 6265

viral theory, exper. study in mice (Fr) 7759

***experimental***

eff. of 2, 2-bis(p-ethylphenyl)-1, 1-dichloroethane on growth of transplanted tumors in mice 28465

eff. of steroids & phenanthrene deriv. on growth, relation to chem. structure 8635

eff. of tranquilizing agents in mice 3691

x-irradiation time-dose relationships, eff. of fractionation 31636

***heredity***

relation to ABO blood groups 14750

study in family with high cancer incidence 14749

***in aged***

ther., conservative & radical surg., progn. statist. 3933

***in pregnancy***

clin. pathol. conf. 5242

metastatic, in left breast after right mastectomy, surg. in 3rd month of pregn. (Ger) 32664

ther. (Sp) 15489

***manifestations***

bleeding & secretion of breast (Ger) 48348

***metabolism***

α-ketoglutaric acid prod., eff. of estradiol-17β 48548

***pathology***

adrenal & ovarian histopathol. & histochem. (It) 33374

cultivation of human breast carcinomas, methods & results 41186

3-dimensional reconstruction of human adenofibroma 8475

sarcomatoid squamous-cell carcinoma 17896

scleroderma-like changes of skin of right breast (Ger) 11231

sclerosing adenomatosis (It) 25851

sex chromatin in, determ. (Fr) 4824

***physiology***

adrenal histophysiol. of patients adrenalectomized for metastatic breast cancer (Sp) 21150

endocrine relation to chronic cystic mastitis 934

pituitary glands 9478

Thorn test (It) 8595

***prevention and control***

self-exam. for detection of early cancer 24192

***psychology***

eff. of hypophysectomy on personality of women with metastatic breast cancer, Rorschach test 41360

***statistics***

benign tumors in Finland (Fin) 27292

in Switz. (Ger) 30279

in U.S. 10130

mortal., comparison with uterine cancer mortal. in various countries (Fr) 37803

mortal. trends & relation of cancer stage to survival rates 12677

survival in females, correlation of early sympt. reporting with demographic & economic factors 35871

***surgery***

***see also*** MASTECTOMY

adrenalectomy & ovariectomy in metastatic cancer 859

adrenalectomy, bilateral, results 48541

adrenalectomy, eff. of postop. steroid ther. 14757

adrenalectomy, hypophysectomy & oophorectomy in metastatic cancer 30915

adrenalectomy, hypophysectomy & oophorectomy in metastatic cancer (Sp) 8696

adrenalectomy, hypophysectomy & ovariectomy, review (Fr) 23669

54894

adrenalectomy in disseminated cancer 50656

adrenalectomy in metastatic cancer (Dut) 29950

adrenalectomy in metastatic carcinoma, histopathol. & histophysiol. of adrenal cortex & medulla (Por) 50089

adrenalectomy with oophorectomy, bilateral, x-ray determ. of eff. on bone metastases (It) 42645

adreno-lienal shunt as palliative ther. (Ger) 30264

endocrine surg., indic. & progn., statist. (Fr) 9640

excis. of internal mammary lymph node chain in primary operable cancer 48536

hosp. statist. (Pol) 20442

20443

hypophysectomy in recur. cancer, preop. & postop. management with prednisolone 31580

hypophysectomy, indic. & results 35089

37643

48544

new incision technic with cervical debridement (Sp) 20655

ovariectomy in advanced cases (It) 15900

preop. histol. exam. (Pol) 20438

preop. & postop. x-ray ther., results (Ger) 45994

results & factors influencing results 18103

survival & long-term follow-up 34971

transection of hypophyseal stalk in metastatic breast cancer 932

*therapy*

17294

(Pol) 20437

actinic castration, indic., contraindic & control with vaginal cytol. exam. (It) 44834

androgens alone & with castration (Fin) 54646

androgens & estrogens (Fr) 33425

androgens, intratumoral inject. (Ger) 34588

androgens, saturation dosage, control & results (Fr) 27706

castration by irradiation (Ger) 10018

chemother. & surg. 16604

chemother., prolongation of survival following inadequate surg. 18793

chemother. studies, screening of new cpds. on mouse tumors 2705

comparison of results at Mayo Clinic & in Edinburgh 28994

endocrine ther. in advanced cases 26140

fluoxymesterone, eff. on clin. course & hormonal excretion 38067

fluoxymesterone in advanced breast cancer, oral admin. 19831

51545

52663

hormones 4327

hormones in generalized metastases (Fr) 9535

hormones, radiother. & surg., indic. 9823

hormones, review (Fr) 23668

hormone ther., hypophysectomy & adrenalectomy 54767

irradiation, drug ther. & surg. 19715

management of malignant tumors (Fr) 8232

19-nor-testosterone phenyl propionate 2263

palliation (Fr) 23670

palliation, endocrine ther. (Ger) 30273

piperazinediones, screening for activity in mice 2720

pituitary irradiation by high-energy proton & alpha particle beams in advanced cancer 32698

prednisone in advanced cancer 48545

preop. x-ray ther. (Rus) 55333

radio-cobalt telether. (Fr) 27731

radiogold (Ger) 39013

radiother. (It) 20997

radiother. & surg. 22104

51333

radiother. & surg., value & limitations of supplementary hormone, cytostatic drug & tissue extract ther. (Ger) 32658

radiother. causing ulceration with perf. of chest wall, case report (Ger) 54946

radiother., follow-up by successive radiograms (Fr) 41406

radiother. with radical mastectomy, follow-up (Hun) 51432

radioyttrium implant in pituitary gland, pernasal transsphenoidal approach 30928

review 54510

sex hormones (Por) 18833

statewide care for medically indigent patients in Iowa 46751

statist., review 10147

x-irradiation of pituitary (Ger) 49012

x-ray, eff. of age on blood picture (Ger) 46070

x-ray ther. causing herpes zoster (Pol) 20467

x-ray ther., postop. (Fin) 27298

*urine in*

gonadotropins (Ger) 11418

pituitary gonadotropins & estrogens 51132

*BREECH PRESENTATION see* LABOR, PRESENTATION

BRENNER TUMOR

*case reports*

extra-ovarian (Rus) 33617

histopathol. & histogenesis, review (Dut) 37036

malignant 12401

*BRIDGEWORK see* CROWN AND BRIDGEWORK

*BRIGHT'S DISEASE see* NEPHRITIS

*BRILL'S DISEASE see* TYPHUS

*BRILL-SYMMER'S DISEASE see* LYMPHOMA, GIANT FOLLICULAR

*BROAD LIGAMENT see* PELVIC SUPPORTING STRUCTURES

*BROMELIN see* PROTEASES

BROMIDES

bromide partition test in diag. of non-purulent meningitis 13422

p-bromobenzyl-trimethylammonium bromide stimulation of autonomic ganglia & pharmacol. (Ger) 29906

bromothyroacetic acids & bromothyronines, assay of biol. activity in accelerating metamorphosis of tadpoles 37108

potassium bromide disk technic for determ. of solids, review (Dan) 48994

48995

*addiction*

carbromal, case reports & need for restricted sales 14206

*effects*

methyl bromide on phosphorus metab. in adult houseflies 1659

on glycemia in dystrophic inf. (Fr) 25446

*in blood*

relation to higher nerv. activity in monkeys (Rus) 11512

*in urine*

determ. of bromine-containing hypnotics 24001

*injurious effects*

bromoderma tuberosum (Ger) 3219

carbromal causing spermatogenesis abnorm., microscopy 51940

methylbromide in fire extinguisher causing erythematous-bullous dermatitis, case reports (Hun) 37235

*metabolism*

potassium bromide in brain, tracer studies in dogs (Rus) 3566

thyroid gland, eff. of exper. hyperthyroidism & methylthiouracil (Rus) 48042

*poisoning*

case report with barbital pois. 14321

methyl bromide pois. with cerebral, pulm. & renal manifest., autopsy findings (Fr) 47423

with psychotic manifest. simulating other organic brain synd., case report 3186

*therapeutic use*

sodium bromide in epilepsy, with calcium chloride & adenoside (Bul) 32818

BROMINE

*determination*

brominated long-chain fatty acid esters, gas liquid chromatography 52316

*effects*

on ultraviolet absorp. spectra of desoxyribonucleic acid 29809

*radioactive*

metab. in CNS & other organs in animals, eff. of spinal cord section (Rus) 49539

*BROMSULPHALEIN see* PHENOLPHTHALEIN DYES

BRONCHI

long-term drainage in ther. of resp. paralysis in bulbar polio. (Ger) 15372

selective bronchial suction catheters, clin. uses 869

tracheal fenestration as new method for exper. exploration of bronchial tree 24721

*abnormalities*

tracheal bronchus, causing pulm. emphysema, x-ray diag. (Ger) 15845

tracheal bronchus with Wrisberg's lobule, case report (Fr) 14332

*anatomy and histology*

adrenergic & cholinergic ganglion cells, pharmacol. evidence 41336

anat. nomenclature of tracheobronchial tree 11722

bronchi & bronchioli 14149

bronchopulm. segmental anat. 52130

*calculi*

(Sp) 15526

*cysts*

bronchogenic cyst, clin. pathol. conf. 43148

causing dyspnea, with epileptic seizures (Ger) 27152

*diseases*

amebiasis 27261

bronchial stump insuff. after pneumonectomy (Ger) 11014

bronchopulm. dis. caused by abnorm. (It) 1531

bronchopulm. dis. caused by abnorm., cardiac & circ. funct. in (It) 1537

bronchopulm. dis. caused by abnorm., causes of diag. errors (It) 1538

bronchopulm. dis. caused by abnorm., clin. aspects (It) 1536

bronchopulm. dis. caused by abnorm., detection by photofluorography (It) 1539

bronchopulm. dis. caused by abnorm., distribution & histopathol. of blood vessels in (It) 1534

bronchopulm. dis. caused by abnorm., gross & histopathol. aspects (It) 1533

bronchopulm. dis. caused by abnorm., x-ray aspects (It) 1535

bronchopulm. dis. in influenza (Sp) 8913

bronchopulm. dis. in influenza, bacteriol. (Sp) 8914

bronchospasm, exper., eff. of carbon dioxide in guinea pigs (Ger) 39918

bronchospasm, study of flow-resist. variations by means of pressure-flow diagrams (Ger) 40130

bronchospasm, x-ray diag. (It) 8545

caused by primary tuberc., seq. & ther. (Sp) 21104

chondroosteoplastic tracheobronchopathy, tracheobronchial sclerosis & endobronchial Hodgkin's dis., review (It) 24924

chronic bronchopulm. dis. causing pulm. hypertension, clin. statist. (Fr) 54040

chronic diffuse suppurations (Fr) 21379

dehiscence in liver echinococcosis (Sp) 8216

diag., x-ray & bronchographic demonstration of patent bronchus 15916

dilatations in child., pathogen. (Fr) 50772

disord. of bronchial discharge causing new tuberc. foci & other compl. in pulm. tuberc. (Rus) 33267

dyskinesias (Fr) 54021

expert testimony, value of resp. resist. determ. (Ger) 51837

histomorphol. & histochem. of bronchial mucosa in severe dis. (It) 37530

in child., ther., pinimenthol ointment (Ger) 20457

in primary plasma cell myeloma of trachea, case report 14153

moniliasis albicans, ther., nystatin aerosols (It) 13958

obstruct. caused by intrathoracic goiter, with pulm. fibrosis & cystic bronchiectasis, case report 34883

obstruct. in coma, ther., bronchoscopy & tracheotomy (It) 42603

review 125

rhinobronchial dis., ther., thermal cure (Fr) 10037

suppuration in child., classif. & ther. in specialized open air sanatoriums (Fr) 17654

*effect of drugs on*

acetylcholine excitability tests in pulm. tuberc. (Fr) 32059

apigenin, bronchodilating eff. in guinea pigs (Ger) 36556

bronchoconstrictors, blood pressure responses in guinea pigs to intravenous & aerosol admin. (Ger) 29921

bronchoconstrictor drugs, eff. on vagal regulation of resp. rate in guinea pigs (Ger) 29880

isopropyl methylfluorophosphate bronchoconstriction in guinea pigs (Fr) 15116

isoproterenol, bronchodilator eff. 29336

lidocaine & procaine inhalation on resp. musc. during asthma attacks, electromyography (Ger) 12196

nicotine & ganglionically active drugs, responses of isolated bronchial musc. 41336

*fistula*

bronchothoracic, after cavernotomy, bronchial ligation in hypothermia (Rus) 31214

cholecystobronchial (Sp) 8160

colo-pleuro-bronchial, traum., case report (It) 47810

esophagobronchial, pathol. & surg. (Fr) 6291

esophagobronchial, with esophageal diverticulum, case report 14670

esophago-bronchial, with peptic ulcer of esophagus, case report (It) 36822

postop. after pneumonectomy, x-ray diag. (Rus) 21893

postop., ther., endoscopic technic (Fr) 50555

***foreign bodies***

beef soup-bone, case of accid. ingestion (Fr) 43762

case reports (Por) 50085

endoscopic removal, anesth. technic (It) 52940

fish hook with lure (Rus) 45746

in adults (Fr) 37932

of 7 years duration, case report (Pol) 30732

seed husk, removal by suction (Rus) 55236

spontaneous expulsion through thoracic wall (Rus) 51220

vegetable for. body causing spontaneous pneumothorax in inf., case report 22581

***hemorrhage***

caused by bronchial biopsy (Dut) 7295

***in various diseases***

giant follicular lymphoma, case report (Fr) 50558

***microbiology***

bact. exam. from aspiration during bronchography 35328

Bordetella bronchiseptica from child & mice with lung dis. (Ger) 46243

fungus flora of bronchial secretions, diag. & ther. significance (Hun) 10589

***neoplasms***

adenoma, diag. & case reports (It) 26583

adenoma in child (Pol) 53195

adenoma, in child, case report 36279

adenoma in child., differ. diag. from primary & subprimary tuberc. (Ger) 46207

adenoma, surg. (Rus) 27308

adenoma, surg. (Ser) 35061

adenoma, surg., bronchotomy 36289

as pub. health problem (Ger) 3245

benign, classif. (Ger) 29085

bilateral, x-ray, diag. (Ger) 39417

blood adenosine deaminase activity in (Ger) 18325

blood vessel pathol., x-ray-anat. comparisons (Rus) 32545

carcinoid, clin. manifest. (Ger) 22760

case reports 50669

caused by arsenic pois. in former miner, case report (Ger) 6103A

cavernous epidermoid carcinoma, differ. diag. & ther. (Ger) 2284

chemother., intratumoral technic (Ger) 49013

cytodiag. (Sp) 33013

diag. & clin. picture (Ger) 45269

diag. & surg. (Ger) 11417

diag. & ther. (Dut) 47911

diag., bronchoscopy, review (Fr) 54317

diag., mass x-ray surveys (Ger) 34349

early diag. (Ger) 15337

early x-ray differ. diag. by mass photofluorography (Ger) 35602

electrokymography in early diag. (Ger) 39377

endobronchial lipoma 38003

hamartochondroma, endobronchial, in recur. cavitation in pulm. tuberc. (Hun) 45469

hamartoma, pathol. (Ger) 11355

in Kikuyu male of Brit. E. Africa, first case 3400

localization in Nelson's bronchus, x-ray diag. & ther. (Fr) 28488

metastasis to skin (Ger) 18316

papilloma 24731

papillomatosis of larynx & bronchi, 34-year follow-up 48546A

peripheral, surg., lobectomy (Ger) 7087

primary cancer, cobalt 60 telether. (Sp) 49149

primary, etiol. & ther. indic. (Fr) 28486

radiother. (Fr) 50561

radiother., control by iodised oil bronchography (Fr) 41408

relation to chronic bronchitis (Ger) 44934

surg., palliative & radical methods in cancer of tracheobronchial tree 43094

triple primary bronchial, biliary & prostatic tumors (Ger) 24230

with bladder tumor & 2 types of cecal carcinoma (Ger) 23117

with hypertrophic pulm. osteoarthropathy (Ger) 396

with hypertrophic pulm. osteoarthropathy, surg., vagotomy 6130

with hypertrophic pulm. osteoarthropathy, x-ray ther. (Bul) 32823

with pulm. tuberc., case reports (Fr) 43776

with pulm. tuberc., pathogen., pathol. & diag. (Fr) 43773

***pathology***

bronchopulm. compl. of Asian influenza 9587

broncho-pulm. manifest. in intestinal giardiasis (Fr) 28362

43747

calcification of bronchial cartilage (Sp) 8890

in asthma, histomorphol. & histochem. of mucosa (It) 6917

in chronic tuberc. empyema (It) 7730

in Hodgkin's dis. (Fr) 2314

metaplastic squamous epithelium of mucosa, significance as cancer precursors (Ger) 36420

mucosal lesions in asthma-like dis. (Fr) 37919

sterile bronchoscopic method for obtaining bronchial secreta (Hun) 52916

***perforation***

during bronchoscopy in complicated pneumonitis, case report (Sp) 25935

***physiology***

diameter & shape variations at different pressures, study on isolated dog bronchi 16812

epinephrine test of bronchial constriction in mitral stenosis 26496

***radiography***

52130

aimed fluorography (Rus) 10807

appar. for bronchopulm. stereoradiography, theoretical & practical principles (Fr) 9115

bronchographic aspiration technic for bact. exam. of bronchi 35328

bronchography, cricothyroid puncture technic 47237

contrast media, intrapulm. absorp. of dried plasma as viscous carrier (Ger) 39375

contrast media, propyliodone, clin. scope 8566

contrast medium, lipiodol, causing relapse in pulm. tuberc., case reports (Fr) 19358

contrast medium, propyliodone (It) 29658

distribution & inj. eff. of contrast medium in lungs of tuberc. patients, histol. aspects (It) 3910

in bronchopulm. disord., diag. value (Ger) 3297

in child., method, indic. & value in resp., cardiovasc. & gastrointestinal dis. 36280

in district hosp. (Rus) 55266

in middle lobe synd. 36287

in pleural adhesions (Ger) 29084

in sarcoidosis of lungs, diag. value (Dut) 29936

military hosp. series in Morocco (Fr) 41995

new appar. for bronchopulm. stereoradiography (Fr) 9114

polisobronchography, technic & diag. value (Jap) 41491

precop. & postop. in pneumonectomy for pulm. tuberc. in child. (Fr) 30447

pulm. changes after contrast bronchography in pulm. tuberc. (It) 32316

technic, hazards & diag. value 6566

use of carbetapentane in prev. of cough reflex (It) 11821

water soluble contrast media (Rus) 10817

***rupture***

caused by closed thoracic trauma in humans & dogs 11788

traum., bronchial anastomosis, end-to-end technic (Ger) 22195

traum., physiopathol. 36313

traum., with atelectasis (Cz) 2739

***stenosis***

chondrogenic stenosis, histopathol. (Ger) 22214

surg. (Fr) 51379

***surgery***

plastic, of stump, using diaphragmatic flap (Rus) 18353

plastic technics (Pol) 16047

reconstructive surg. (Fr) 4827

viable intercostal pedicle graft in tracheobronchial surg. 41457

***wounds and injuries***

avulsion (Pol) 20452

## BRONCHIECTASIS

***see also*** KARTAGENER TRIAD

5249

***case reports***

full bronchiectasis of solid content, pseudotumoral aspect (Fr) 26365

reversible, etiol. & x-ray manifest. 8565

tuberc. 53230

with caseous pulm. tuberc. & sudden death 2-months after full-term pregn., hazards of inadequate total prenatal care 43140

with pulm. emphysema, clin. pathol. conf. 19859

***complications***

pulm. fibrosis with bronchial obstruct. in intrathoracic goiter, case report 34883

***etiology and pathogenesis***

for. body in lungs, reversal after removal (Ger) 22749

***in infant and child***

extensive lobar, in primary tuberc. infect., surg., pulm. resection (It) 42773

pulm. resection (Pol) 16043

review (Pol) 43689

***manifestations***

clin. manifest. of diag. value (Jap) 41492

***pathology***

collagen fibrils, electron microscopy (It) 21003

giant cell reactions in elastic tissue in cystic bronchiectasis (Hun) 10587

***statistics***

in New Zealand Maoris 19925

***surgery***

18400

bilateral pneumonectomy, precop. care (Ger) 29014

indic., compl. & remote results 48681

pneumonectomy, postop. statist. 8489

results 39932

***therapy***

42077

3-sulfanilamido-6-methoxypyridazine (Nor) 45407

***BRONCHIOGENIC CANCER*** ***see*** LUNG NEOPLASMS

## BRONCHITIS

acute 43784

chronic 40268

chronic, in indust. workers in England, relation to air pollution by dusts, disability & mortal. rates 11600

diag. & pathol. in chronic cases (Fr) 28363

***case reports***

acute, causing relief of recur. atelectasis 29298

fibrinous (Pol) 53161

plastic fibrinous bronchitis (It) 6900

tracheobronchitis, necrotic, with micrococcal bronchopneumonia, fatal (Pol) 53151

***complications***

asthma with lower resp. tract infect. (Ger) 9542

bronchial cancer (Ger) 44934

pulm. emphysema, dyspnea & resp. & cardiac failure, diag. & ther. 22330

***diagnosis***

bronchoscopy in control of tracheobronchitis 17666

***etiology and pathogenesis***

(Sp) 18020

in miners (Ger) 25182

mediastinal gastrogenic cyst with bronchial communication causing peptic bronchitis, unusual case 35933

relation of bronchitis mortal. to atmospheric deposit & smoke 37730

relation to acidity of urban rain in Gt. Brit. 18388

Saccharomyces carlsbergensis, demonstration of pathogen. 35365

***experimental***

Dictyocaulus viviparus bronchitis in calves, eff. of oral & intramusc. diethylcarbamazine, comparison 17106

sensitization by inhalation of castor bean antigen in bronchitic guinea pigs (Ger) 23526

***in infant and child***

acute laryngotracheobronchitis, hosp. statist. 48337

asthmatic, incidence in pediatric clinic of Milan (It) 42791

with maxillary sinusitis in subacute & chronic cases, x-ray manifest. (Fr) 23932

***prevention and control***

eff. of Hemophilus influenzae vaccine trial on incidence of chronic bronchitis in male factory workers 48297

***statistics***

in Dumfriesshire, Scotland, incidence in smokers & nonsmokers, comparison with community in So. Wales 22329

in Gt. Brit. & Finland (Fin) 27289

incidence in coal miners of left lower Rhine, Germany (Ger) 25823

*therapy*

balneother. & med. ther., eff. of climate (Ger) 36477

chloramphenicol, clin. statist. (Cz) 26547

cysteine methyl ester aerosol in aged (Fr) 44712

desoxyribonuclease & chymotrypsin insufflation for reduction of sputum viscosity 18421

dosulfin 53289

drug ther. of chronic bronchitis 37740

hydrocortisone powder inhalation in chronic cases 3226

inhalation ther. with trypsin (Ger) 42332

isoproterenol, admin. as aerosol alone & with positive-pressure breathing appar., comparative eff. on ventilation (Sp) 42216

isoproterenol bronchodilation, inhalation with & without pyrilamine potentiation 18422

oxytetracycline, continuous admin. for prev. of recur. 14225

prednisone in croupous bronchitis (Ger) 11209

tetracycline in reduction of acute recur. 16394

BRONCHOPNEUMONIA

acute obstruct. bronchiolitis, pathol. & ther. 36286

*case reports*

micrococcal with necrotic tracheobronchitis, fatal (Pol) 53151

*complications*

rheum. fever 5310

*etiology and pathogenesis*

bronchiolitis caused by occup. inhalation of nitrous fumes, case reports 54923

influenza, Asian virus A (Ger) 11152

influenza, incidence in 1957 epidemic in Milan (It) 53933

*experimental*

bronchiolitis fibrosa obliterans, pathogen. & pathol. eff. of cortisone in rabbit 23461

*in infant and child*

bronchiolitis in inf., relation to childhood asthma 50125

review 38610

ther., oxytetracycline (Sp) 29379

ther., sulfamethoxypyridazine (It) 42779

ther., tetracycline, eff. of citrate supplement on resorption (Ger) 39074

with eosinophilia caused by ascariasis lumbricoides, case report (Sp) 13901

*therapy*

antibiotics with ACTH & adrenal cortex hormones (Sp) 27206

dosulfin 53289

BRONCHOSCOPY

apneic oxygen diffusion phenomenon in bronchoscopy under general anesth. (It) 51969

bronchoscopic photography (Fr) 44670

bronchoscopic photography (It) 42758

photography in sanatoria, appar. & technics 3367

use of carbetapentane in prev. of cough reflex (It) 11821

use of sitting position 36288

use of thoraco-abdom. cuirass respirators in bronchoscopy during general anesth. indic., method & prev. of compl. (It) 52116

*anesthesia and analgesia*

adjuvant succinylcholine causing prolonged resp. paralysis (Ger) 23031

anesth. with added musc. relaxants, technic & results (Rus) 18189

bronchial nerve block with special intubation catheter for optical control (Ger) 22213

cocaine, comparison of transtracheal & spray & instillation technics 18489

general anesth., clin. statist. 35979

hydroxydione succinate (Fr) 53236

indic. & technic 36283

*apparatus and instruments*

broncho-esophagoscope with ring-shaped mirror (Hun) 43453

*complications*

bronchial perf. in complicated pneumonitis, case report (Sp) 25935

complicative coincidences of tracheobronchoscopy (Fr) 38378

*in various diseases*

atelectasis in child., with ephedrine & epinephrine ther. (Pol) 16036

bronchial obstruct. in coma, with aspiration (It) 42603

cancer of bronchi, diag. value, review (Fr) 54317

cancer of lungs, peripheral (Rus) 18268

cancer of lungs, value in x-ray ther. (Cz) 14777

lung dis. & neoplasms, value in diag. & surg. (Sp) 49147

lymph node tuberc. perf. into bronchi in adults, diag. 3369

middle lobe synd. 36287

middle lobe synd., correlation with x-ray manifest. 1563

pulm. tuberc., diag. & ther. value (Bul) 32765

pulm. tuberc., fresh cases 276

pulm. tuberc. in child. 13282

pulm. tuberc. in child., diag. & ther. value (Por) 8791

pulm. tuberc., value of laryngeal swab method, comparison with minor x-ray findings (Sw) 10186

resp. tract dis. in inf. & child, bronchial aspiration with bronchoscope (Hun) 3652

sarcoidosis of lungs, value (Dut) 29936

tuberc. localizations of bronchi, comparison with bronchogram, tomographic findings (It) 29648

tuberc. primary infect. in child. 36277

*BRONCHOSPIROMETRY see* RESPIRATION, *function tests*

*BROWN-SÉQUARD SYNDROME see* SPINAL CORD, *diseases*

BRUCELLA

allergens, prep., biochem. & diag. value (Cz) 38157

biol. stability of various species, review 26400

bronchiseptica vaccine for prev. of pneumonia in laboratory rats 4643

endo-antigens & glucidic-lipidic-polypeptidic antigens, study by gel diffusion methods (Fr) 36085

identification of species (Fr) 28401

melitensis, eff. of subzero temperatures (It) 13935

phage 42995

serol. relation to Vibrio comma (Rus) 55842

suis antisera, agglutinating & protective properties in relation to their agar diffusion patterns 2054

type determ., importance for systematol. of genus Brucella (Ger) 55490

typing of strains by determ. of dye resist., sources of error (Ger) 23163

virulence of antibiotic-sensitive & resist. strains of rabbit skin (It) 16016

*culture*

selective medium for cultivation of Brucella including fastidious types 14468

*effect of drugs on*

aemoline & tetracycline, alone & in combination (Rus) 36410

*metabolism*

enzyme studies (Cz) 14801

neotomae 28224

suis intracellular polysaccharide, isolation & properties 16873

BRUCELLA ABORTUS

eff. of chloral hydrate & chlorpromazine on blood proteins in Brucella abortus-immunized cats (Ger) 12061

freeze-dried strain 19 vaccine, keeping quality 17307

survival in diluted semen at 29°C. 12764

vaccine, eff. on sensitivity of mice to histamine shock & anaphylactic shock 16522

*culture*

trypticase-soy & veal infusion broths for isolation from blood of cattle 14469

*metabolism*

amino acid composition & nucleic acid content of strains, comparison 5188

eff. of bacteriophage (Rus) 1723

BRUCELLOSIS

as an occup. dis. in dairy workers, medicolegal factors (It) 240

clin. bacteriol. & immunol. conf. 15930

diag. & ther. (Ger) 49104

in man, compl. & ther. (Sp) 1827

in white-tailed deer of southeastern U.S., incidence & detection 4642

*case reports*

brucellar hepatitis & spondylitis 32507

granuloma of tongue (It) 54263

tritis (Fr) 7065

pure meningeal type, cure after course of 18 months (Fr) 37933

*complications*

chronic valvular heart dis. following neofatal brucellosis 1165

endocarditis, clin. aspects & ther. prospects (It) 42696

epididymitis & orchitis, clin. picture & ther. (Rus) 55155

fibrositis (Rus) 22538

flexor contractures simulating Dupuytren type (Rus) 45212

meningitis & meningoencephalitis (Rus) 46346

orchiepididymitis, ulcero-necrotic, case report (Fr) 32369

osteoarticular (Fr) 45034

purpura of rectal mucosa with intestinal hemorrh., case report (Fr) 18558

sacroiliitis (Rus) 45694

spinal cord compression, extradural, from spondylitis 40616

spondylitis 37613

spondylitis, classif., diag. & ther. (Fr) 9002

thoracic abscess (Ger) 38958

*diagnosis*

Burnett's reaction, modified (Pol) 31534

Coombs hemagglutination test, epidemiol. aspects (Ger) 23010

in man, diag. errors (Sp) 1828

laboratory tests (Pol) 30765

laboratory tests, comparison (Sp) 21220

milk ring test & blood tests in cattle 40393

rapid agglut. test in man & animals, clin. value (Pol) 20464

serodiag., prep. of monospecific Brucella sera, recommended method 14465

technic for isolation of Brucella in epidemics (Fr) 54131

*epidemiology*

(Rus) 55812

in agricultural workers (It) 3598

in Argentina, correlation of incidence in man & animals (Sp) 27221

in Argentina, manifest. & histopathol. (Sp) 18845

in dairy workers (Pol) 31533

in Italy, distribution in humans during 1946-57 (It) 36224

in Latin America, review (Sp) 48095

in Minnesota, eff. of eradication in cattle on incidence of human cases 44271

in Poland (Fr) 8247

survey of cases in Pisa (It) 9341

*experimental*

combined Brucella suis & Coxiella burnetii infect., immunol. aspects 16884

eff. of cortisone on infect. of mice with Brucella abortus 31439

eff. of penicillin, oxytetracycline & N-pyrrolidinomethyl-tetracycline on Brucella melitensis infect. in rabbits (Ger) 12089

fractionation of sera from guinea pigs at different stages of Brucella abortus infect. 44099

growth of brucellae within monocytes from normal or from previously infected animals 5002

increased susceptibility of infected mice to bact. endotoxins 17401

induced resist. of mice to Brucella abortus 2308 infect. by BCG vacc. 19583

infect. of mice with micro-colonies of Brucella abortus 31437

infectivity of Polish strain of Brucella bovis for mice & histopathol. (Pol) 20187

para-agglut. reactions & cross-reactions between brucellosis & tularemia (Ger) 25259

pathogenicity of Brucella species following subcutaneous inoculation into guinea pigs (Fr) 47410

*immunology*

antibody localization by electrophoresis of blood proteins (It) 1937

eff. of repeated infect. on immunized organism (Rus) 34667

ether-killer Brucella abortus vaccine 14467

exper. vaccine, streptomycin-non-dependent strain of Brucella melitensis in goats 26399

gel diffusion precipitin reactions 14466

hemagglut. reaction, comparative studies (Ger) 32313

immunobiol. in animals & antigen properties of various strains (Ger) 34088

incomplete antibodies, Coombs indirect antiglobulin technic for demonstration 9800

intradermal reactions to Brucella antigen in normal persons (Fr) 23531

live avirulent vaccine, killed rough adjuvant vaccine & killed smooth adjuvant vaccine, comparative immunity in guinea pigs 17109

live plague-tularemia-brucellosis-anthrax polyvaccine, eff. in guinea pigs (Rus) 55795

vacc., eff. of colostrum on antibody production in calves (Ger) 55678

vacc., intranasal with living bacilli in guinea pigs (Rus) 55789

vacc., RE cytol. reactivity (Rus) 55790

vacc., with simultaneous tetanus toxin vacc. (Rus) 55773

*physiology*

cerebral electrical activity (Rus) 46347

liver funct. in Egyptians in 28669

*prevention and control*

(Rus) 55787

in Italy (It) 36234

in Russia (Rus) 11490

swine brucellosis, eradication in control of swine losses 50291

***therapy***

chlorotetracycline & dihydrostreptomycin (Sp) 27209

endovenous vaccine in NE brucellosis (Sp) 44572

Hieracium pilosella extracts, failure (Ger) 13651

kanamycin 25022

novobiocin (Sp) 1807, 31022

oleandomycin combined with tetracycline (Sp) 39134

review (Sp) 53909

tetracycline & vacc., Wright & Coombs test results (It) 9279

***transmission***

by ticks (Rus) 34640

***BUERGER'S DISEASE*** *see* **THROMBOANGIITIS OBLITERANS**

***BULBAR PALSY*** *see* **PARALYSIS, BULBAR**

***BULBOCAPNINE*** *see* **MUSCLE RELAXANTS**

***BULBOURETHRAL GLANDS*** *see* **GENITALIA, MALE**

***BULLA*** *see* **BLISTER**

***BUNDLE-BRANCH BLOCK*** *see* **HEART BLOCK**

## BURIAL

***see also*** **EMBALMING**

collection of funeral sermons as source of information on med. hist. (Ger) 19065

## BURNS

***see also*** **SUNBURN**

battlefield (Dan) 23416

eye, caustic, conservative ther. & surg. (Ger) 19044

eye, chem. & thermal, sympt. & ther. (Fr) 26362

eye, review (Fr) 26354

flash burns from atomic bombs, study by means of pulse simulating device 11552

in armed forces personnel (Dan) 45510

in miners, eff. of clothing on pattern & severity in colliery firedamp ignitions 26040

molten metal burns of leg 37647

pathophysiol. & bacteriol. (Sw) 52711

physiopathol. & med. & surg. ther. 12832

severe burns caused by Ammi majus prep. (Fr) 54699

snowburn, prev. by ointments (Ger) 52200

***blood in***

eff. on electrolyte & protein balance, hematocrit & rest-nitrogen levels in child. & adults (Pol) 30696

electrophoresis of blood proteins (Ger) 15311

protein changes, electrophoretic analysis at pH 8.6 40690

protein disord., in child., progn. significance (Sp) 53943

proteins, lipoproteins & glycoproteins (It) 27640

***case reports***

electric burns of abdom. wall & cavity & internal organs (Rus) 16219

extensive burns caused by molten steel, ther. 38409

over 80% of body surface, successful ther. (Pol) 43669

***complications***

abdom. wall burn causing develop. of acute duodenal ulcer (Rus) 5997

acidosis in child. (Pol) 53180

cancer of skin following burns of hand, case report (Fr) 1339

chondritis & perichondritis of ear in burned patient (Sp) 8162

cicatrical seq. of severe burn of neck, surg. repair with dorsal flap, case report (Sp) 37277

edema, early & delayed, & capillary permeability changes 5614

furunculosis, expert testimony (Ger) 19018

hand scalding causing osteolysis (Ger) 25356

internal (Rus) 22611

miliary pseudo-colloid tumors of face, in site of burn (It) 6827

myositis ossificans after extensive burn (Ger) 55734

periarticular soft-tissue changes 50374

pruritis, ther., 10-(3-dimethylamino-2-methylpropyl)phenothiazine 53050

severe tetanus in extensive burns, ther., adjuvant artif. hibernation in classical ther., recovery (Fr) 10668

shock, determ. of body fluids by pyrographic slide rule (Ger) 11373

shock, ther. 10278

***experimental***

ACTH & cortisone secretion & eff. in inflamm. induced by burns (Rus) 37178

burn synd. in toxemic stage, eff. of convalescent serum (Rus) 22612

causing acute oliguria, eff. of adrenal cortex hormones in dogs (Fr) 13450

causing acute oliguria, eff. of chlorothiazide in dogs 13451

diuretic eff. of caffeine in burned dogs (Fr) 3117

eff. of antihistaminics in guinea pig 14277

eff. of caffeine on oliguria & renal vasoconstriction in burned dogs after admin. of heated blood or erythrocyte extracts (Fr) 47736

eff. of high environmental humidity on survival of burned mice 35820

eff. of organic & inorganic sodium solutions on exper. burn shock in mice 20759

eff. of various medications on burn healing, methods of evaluation 22056

eff. of wound necrectomy in rabbits (Rus) 27313

eff. of x-rays on local course of 3rd stage burns (Rus) 22613

eff. on thyroid funct. in rat 35808

esophageal caustic burns, eff. of prednisone (It) 47825

flash burns in rabbit retina as means of evaluating retinal hazard from nuclear weapons 24545

inducing shock, eff. of thyrotropic hormone, in guinea pigs (It) 6807

induction of kidney dis. in dogs, eff. of angiotonin (Fr) 38769

large area sub-fabric burns, eff. of reflectance & separation of fabric & treatment with fire-retardant material in pigs 23345

nuclear burns, relation between burn severity & simulated thermal pulses of various nuclear weapons in pigs 23346

nuclear weapon pulses of intense thermal radiation in rat 23307

protection by hot-wet uniform in contact with skin in nuclear weapon pulses of thermal radiation 23308

radiophosphorus absorp. through burn site in rabbits (Rus) 5995

role of renal innerv. in oliguria in dogs (Fr) 15152

suppression of increased capillary permeability in thermal burns by isofluorphate, pyrilamine & salicylate in rats 19595

thermal burns of skin in total-body irradiated rats, tumor form. on burn scars 46503

thermal, carbon arc & burning magnesium as sources 47590

thermal gradients in skin of pigs & rats during & after flash-burns 11776

***in infant and child***

clin. statist. (Fr) 42424

compl., septicopyemia, pathogen., pathol. & diag. (Sp) 43929

cross-infect. caused by bact. air contamination in burns unit in hosp. 16051

fluid ther. of burns & shock, review 53003

micrococcal sepsis as cause of death 16052

nutritional response 51129

physiopathol. & ther. 12837

severe, ther., case reports (Fr) 40971

social study 42087

ther., paraffin dressings (Rus) 9870

ther., prednisolone trimethylacetate (Ger) 19419

ther. with special complex prep. & ther. sleep (Rus) 5990

***in pregnancy***

eff. on course of labor 24521

***metabolism***

blood, urine & tissue levels of porphyrins in burn patients 35168

glucose conversion to lactic acid in rat 23341

nitrogen, magnesium & other electrolytes in severe burns 25042

***pathology***

liver, parenchymal efficiency in child. & adults (Pol) 30697

malignant potential of burn scars 20399

***physiology***

circ. time & venous pressure (Pol) 43634

relation between granulation tissue, bact. & skin grafts 8033

***statistics***

mortal., hosp. statist. 2519

***surgery***

chem. & caustic burns of eye, surg., Passow's operation (Ger) 6741

early excis. & grafting technics in 3d degree burns of dorsum of hand 866

early excis. of more than 25 0/0 of body surface in extensive burns 149

head & leg electrical burns, skin transpl. (Ger) 29096

microdermagrafting using Meek-Wall microdermatome 870

plastic, in face & neck burns (Fr) 47376

plastic repair in extensive & total burns of face, problem of mouth & expression (Fr) 47375

skin homografts alternated with autografts in extensive burns (Fr) 47374

skin transpl. (Bul) 41583

skin transpl., homologous grafts, factors affecting survival & report of case of prolonged survival 14651

skin transpl. in combined ther. (Rus) 45679

skin transpl., new technics & results (Rus) 5996

under war cond. (Dan) 22448, 33404

***therapy***

9839 28280 32718 47281 52463

(Rus) 54560

(Ser) 51716

adhesive plastic material (Cz) 21545

blood transfusion causing jaundice, case reports 3150

bovine embryo skin xenografts as temporary biol. dressings 30662

chlorophyll (Ger) 11389

cod liver oil-neomycin sulfate ointment (Fr) 43819

conservative ther. & surg., progn. (Sw) 52712

electrolyte & fluid ther. 52137

emergency bandage for extensive burns (Cz) 21546

emergency ther. (Fr) 39424

ganglionic blocking agents 50231

hand burns (Fr) 54135

head burns (Fr) 54134

Hippophe rubamnoides oil in combined ther. (Rus) 45234

human serum albumin solutions, value in severe burns (Fr) 47325

hydrocortisone & streptomycin, local admin. 14065

local care 19976

local ther. (Sp) 27234

local wound ther. of severe 2nd & 3rd degree burns (Ger) 19331

management (Sp) 24742

mass care in wartime (Rus) 22614

mass casualty treatment program 41412

med. management 7522

methods of Med. Research Council's Burns Unit, Birmingham Accid. Hosp. 10508

modern principles & case reports 50060

nursing care 7523

oil baths, emollient, colloidal type 6531

open method with ethyl aminobenzoate aerosol spray 47248

open treatment (Cz) 21547

penicillin, local admin. with sensitivity reactions 6131

promethazine in severe burns 23689

rehabil. 7524

review (Heb) 39775

review (Rus) 6012

secondary ther. (Fr) 53425

somatotropin in infected burns (Pol) 30728

sterile gelatin prep. (Ger) 42373

thermal 51148

## BURSITIS

***see also*** **PERIARTHRITIS**

trochanteric, of hip, compl. & ther. 29278, 47778

trochanteric of hip, diag. & manifest. 13488

trochanteric synd. 4463

***case reports***

(Ger) 46189

***diagnosis***

chronic occup., x-ray diag. (Rus) 45761

***in aged***

giant subacromiodeltoid, with scapulohumeral periarthritis in octogenarian, ther., thromboplastin after failure of steroids (Fr) 44717

***statistics***

prepatellar, in coal miners (Rus) 45124

***surgery***

achillobursitis 16755

***therapy***

cobalt beam ther., statist. 29766

hydrocortisone 11884

hydrocortisone acetate, frequent intrabursal inject. 3778

latex forefoot device for bursitis with hallux valgus & plantar neurofibrous heloma 4588

supraspinatus, ultrasonic ther. 43621

x-ray in calcific bursitis of shoulder joint (Rus) 54559

BUSULFAN

*effects*

on amphibian embryos 4979

on hemopoietic activity in bone marrow & spleen of rat 26028

on neutrophil count in healthy mice & mice with leukemia & leukemoid reaction (Rus) 33601

*related compounds*

1,6-bis-O-methylsulfonyl-D-mannitol, tumor-inhibiting eff. in rats 19670

mechanisms of action following bone marrow inject. in rat 10431

*therapeutic use*

leukemia in child. (Rus) 20300

leukemia, myelocytic (Rus) 8033
8035
8034

leukemia, myelocytic (Sp) 31035

leukemia, myelocytic (Tur) 22379

leukemia, myelocytic, with 6-mercaptopurine, prolonged remission (Rus) 20298

polycythemia vera 28130

BUTADIENE

*injurious effects*

2-chlorobutadiene causing NS lesions (Rus) 46323

*BUTAZOLIDIN see* PHENYLBUTAZONE

BUTTER

*effects*

induction of arteriosclerosis in swine, comparison with margarine-induced arteriosclerosis 14686

on aging in rats 39570

on blood ATP, cholesterol & phosphorus levels in diabetes mellitus 22260

on fatty acid composition of rat body (Ger) 16389

on nutrition of young calves, comparison with starch, lactose & hydrogenated palm oil in milk diets 37598

BUTTOCKS

*abscess*

caused by inject. of medicaments for intramusc. use into fatty tissue (Sp) 9700

gluteal abscess with epidural abscess during cortisone ther. (It) 51990

*diseases*

combined molluscum contagiosum-moniliasis in child 29309

*neoplasms*

recur. calcified leiomyoma of pelvic & gluteal regions in pregn. Negro 16986

BUTYRATES

*effects*

2-(3-biphenylyl)-butyric acid on cholesterol & fatty acid synthesis in rats 36564

2-(4-biphenylyl)-butyric acid on cholesterol & phospholipid metab. in rats 15006

2,3-dichlorobutyric acid inhib. of enzymic synthesis of pantothenic acid 44954

β-hydroxybutyric acid on pancreatic activity in guinea pigs 52373

*metabolism*

bact. synthesis of butyric acid in rumen of sheep 4731

poly-β-hydroxybutyrate inclusions in washed suspensions of Bacillus cereus & megatherium 5100

poly-β-hydroxybutyrate inclusions of Bacillus cereus, isolation & estimation 5099

*preparation of*

2-(iodo- & diiodophenyl)-butyric acid deriv. (It) 37295

*BUTYRIC ACID see* BUTYRATES

*BZ-55 see* ANTIDIABETICS

*CABBAGE see* VEGETABLES

CACAO

*see also* THEOBROMINE

flavonoids & phenolic acids, chromatographic separation & identification 13709

fluorine content of cacao seeds, determ. (It) 37424

CADAVERS

*see also* AUTOPSY

*see also* IDENTIFICATION, MEDICOLEGAL

acetabulo-ischial index in sex determ. of cadaver torso (Ger) 27146

alcohol diffusion in, determ. (Cz) 27125

body-snatching in relation to 19th century Anat. Act in Quebec

demonstrability of poisons in exhumed cadavers (Ger) 27142

determ. of length of time of burial by ultraviolet rays (Ger) 27130

diameter of haversian canals during calcination (Fr) 47427

4,6-dinitro-o-cresol with nitron determ. in organs of corpses (Ger) 36505

fibrinolyzed cadaveric blood transfusion (Rus) 27315

glucose distribution determ. by glucose-test strap (Ger) 12063

medicolegal aspects of use of cadaveric tissues for grafts & transpl. (Sp) 38542

postmortem changes in phys. properties of blood, relation to cadaver age & cause of death, legal med. aspects (Ger) 33522

postmortem gastric diffusion of alcohol (Ger) 39033

postmortem mutilation of murder victims by psychopathic criminals, case reports (It) 254

purchase & sale of cadavers for anat. study in England in 19th century 18806

smallpox vacc. scars in cadavers (Ger) 23145

thanatol. of prostate by fluorescence microscopy (It) 42708

viable cadaver bone marrow for intravenous use, collection, storage & prep. 48055

CADMIUM

*effects*

enhancement of double-diffusion precipitin reactions 5145

on testes (Cz) 38227

*poisoning*

occup. cadmium oxide pois. (Ger) 38422

*therapeutic use*

cadmium sulfate-containing shampoo capsebon in seborrheic dermatitis 20516

cadmium sulfate-containing shampoo in seborrhea of scalp 38021

*toxicity*

after long-term admin. of small quantities in drinking water to rats 35

cadmium chloride causing changes in blood glutamic-oxalacetic transaminase activity in rabbits (It) 37438

cadmium chloride causing changes in blood proteins in rabbits (It) 39364

cadmium chloride causing increase in serum alpha- & beta-globulin fractions in rabbits (It) 37431

CAFFEINE

*administration*

with acetophenetidin, acetylsalicylic acid & meperidine, analgesic eff. 30937

*effects*

activation of contractile mechanism in frog striated musc. in Ringer solution 35381

caffeine & d-amphetamine, on dinitrochlorobenzene-induced eczema in guinea pigs 14086

caffeine benzoate on pial vasc. permeability (It) 9768

on cardiovasc. dynamics in man, new findings (Ger) 46794

on cerebral cortex, mechanism of convulsant activity (Fr) 5763

on diuresis in dogs with exper. burns (Fr) 3117

on exper. tumor M-1 in rats (Rus) 48019

on metab. of normal & anoxic myocardium (Hun) 41609

on metab. of normal & hypoxic myocardium in rats 24023

on oliguria & renal vasoconstriction in burned dogs after admin. of heated blood or erythrocyte extracts (Fr) 47736

on pathogen. of tuberc. in mice (Rus) 52985

*injurious effects*

allylbarbituric acid-aminopyrine-caffeine prep., prolonged use causing psychosis, case report (It) 32169

*therapeutic use*

caffeine-α-(p-chlorophenyl-α-methyl-benzoyl-N,N-dimethyl-ethylamine - 8-chlorotheophylline prep. in control of postop. vomiting (Ger) 23195

caffeine-α-(p-chlorophenyl)-α-methyl-benzoyl-N,N-dimethyl-ethylamine-8-chlorotheophylline prep. in x-ray pois. (Ger) 39084

caffeine-procaine prep. in joint dis., with & without prednisolone trimethylacetate, local admin. (Ger) 43817

CNS dis., with procaine, cisternal admin. (Ger) 39964

felsol in dyspnea of asthmatics & cardiacs (It) 39508

headache after pneumoencephalography & spinal puncture, with ergotamine (Pol) 53143

*CAISSON DISEASE see* DECOMPRESSION SICKNESS

CALCANEUM

*see also* HEEL

*abnormalities*

talocalcaneal bridge, diag. & x-ray aspects 38400

*cysts*

surg. (Ger) 11395

*diseases*

spurs, x-ray ther., small doses (Ger) 34535

*fractures*

beak fract. & breaking away of upper half of tuberosity, case reports (Ger) 34261

comminuted depressed fract., ther. method for accurate reduction 50218

in emergency ther. (Sp) 49881

non-union, of anterior superior process 50384

of anterior superior process, need for correct diag. & adequate ther. to prevent permanent disability 21855

surg. (Sp) 38527

surg., hosp. statist. (Bul) 28742

*physiology*

growth in Koehler's dis. (Ger) 51233

*surgery*

triple arthrodesis, compl., postop. osteomyelitis 12714

*CALCIFEROL see* VITAMIN D

CALCIFICATION

*see also* OSSIFICATION

acute decalcification in adults, initial x-ray images (Fr) 50362

various organs & tissues in exper. magnesium defic. in dogs (Ger) 23592

anterior vertebral ligament (Ger) 39399

aortic & mitral valves, tomographic manifest. 48142

arachnoid, in influenzal arachnitis & arachno-encephalitis (Rus) 55308

behavior of glycogen, histochem. study 16976

brain, after tuberc. meningitis in child. (Rus) 55307

brain, due to toxoplasmosis 30201

calcification of a myocardial infarct 43080

calculous calcification of biliary tract, surg. & case report (Fr) 24242

coraco-acromio-clavicular ligaments (It) 21471

eyeball, posterior portion (It) 13136

fetal, with uterine perf. (Sp) 32467

ganglion of wrist, x-ray aspects (It) 25622

goiters, case reports (It) 20992

hand, paraosteal (It) 25614

heart & great vessels 4017

hyoid, thyroid & tracheal cartilages in inf., x-ray 819

innominate artery with dissecting aneurysm & cerebral infarct, case report

intramusc. bladder graft in rat, radiophosphorus tracer test (Ger) 26163

lung, with develop. of cancer on calcification (Fr) 43775

meniscus of knee (It) 54230

microgranular calcifications in auric. wall resected in mitral commissurotomy (It) 39687

mitral valve, pathol., surg. & case reports (Rum) 43993

nucleus form. & growth of rachitic cartilage in rat, inhib. by beryllium & iodoacetate 1381

osteoplastic pneumopathy in rheum. (Rus) 36887

pelvic arteries, in arteriosclerosis, angiography (Pol) 30025

perforating corralliform mitral calcification complicating mitral stenosis (Fr) 31120

posttraum. musc. (Ger) 11419

posttraum. of obturator membrane causing neuritis of obturator nerve (Ger) 41707

posttraum. periarticular of knee, x-ray diag. (Ger) 3618

renal, acute, exper. & clinicopathol. study 5914

soft parts, in Weber-Christian dis., x-ray diag. (Ger) 39398

spleen, granular type total calcification (It) 42678

stylohyoid ligament with facial paralysis & temporomandibular arthrosis (It) 32129

superior transverse ligament of scapula, x-ray diag. (Pol) 30713

CALCINOSIS

lipocalcinogranulomatosis, etiopathogen. & manifest. (Ger) 34114

*case reports*

disseminated, with scleroderma-tomyositis (Sp) 8170

unusual case (Rus) 45772

with Besnier's prurigo 44083

*complications*

scleroderma, generalized, case report (Sp) 0916

*differential diagnosis*

interstitial localized from generalized (Ger) 29407

*in infant and child*

interstitialis universalis, case reports (Pol) 7829

nephrocalcinosis in cretinism (Fr) 25473

transitory interstitial after chickenpox (Ger) 51198

*metabolism*

calcium orthophosphate crystals in bones, joints & soft tissues of gibbon, x-ray 51555

CALCIUM

apatite, stability in various media (Fr) 26342

apatite, structural hypotheses (Fr) 36343

calcium chloride with heparin in determ. of blood β-lipoproteins, comparison with other methods (It) 37423

calcium oxalate, eff. of crystalloid urinary substances on precipitation (Ger) 27886

calcium oxalate, eff. of hydrophilic colloids & crystalloid urinary substances on precipitation with normal urine (Ger) 27887

calcium oxalate, eff. of hydrophilic colloids on precipitation & relation to dispersion grade of calcium oxalate (Ger) 27885

calcium phosphate with Ca/P ratio of 2.14, isotonic exchange of calcium with radiocalcium, reversibility & eff. of aging of solid (Fr) 26331

***deficiency***

dietary defic. in rural areas of Belgian Congo (Fr) 36189

eff. of vitamin D on calcium absorp. & retention & on bone develop. in rats on calcium-defic. diet (Fr) 46820

eff. on action potential of motor axons of lobster limbs 50578

in Tradescantia, relation to x-ray-induced chromosome aberrations 52334

***determination***

calcein titration method without ashing 44151

direct emission spectrography in solutions & suspensions of biol. materials 1388

histol. demonstration, method (Ger) 55841

in calcium chloride, edathamil technic (Ser) 39710

in milk, review 20026

in sweat, eff. of age on concentration (Fr) 26798

simultaneous determ. with magnesium, rapid method (Fr) 47354

***effects***

ayurvedic calcium prep. on growth & calcium balance of rats 4186

calcium acetate-dihydrotachysterol sensitization for induction of cardiac lesions by various agents 35622

calcium carbonates on 2,3-butanediol form. in Serratia marcescens cultures 4348

calcium chloride, arrhythmic & anti-arrhythmic eff. after inject. into coronary arteries of normal & infarcted hearts 2917

calcium chloride-human plasma mixture inducing hyaline membrane dis. in rabbits 11749

calcium chloride solution on skin of frogs 40104

calcium-digitalis relationships (Ger) 22879

calcium fluoride dust-induced tissue reactions in lungs of rats 36042

calcium hydroxide, osteogenic potential in soft tissue & bone wds. 40778

calcium ions on dog spermatozoa 5779

calcium oxide treatment of maize on availability of its nicotinic acid & amino acids 26567

calcium-treated sea water on caudal regen. of marine worm Nereis diversicolor (Fr) 26701

dietary excess or defic. on bone structure & composition in rats, influence of lactose or vitamin D (Fr) 46814

high- & low-calcium diet on mass performance of rat 50491

induction of paralysis of frog heart, eff. of adenylpyrophosphate on restitution of membrane potential (Ger) 30533

inotropic eff. on cation transport in myocardium of rats (Ger) 30530

metabolic action of phosphorus-free calcium supplements in pregn. 43305

on diastolic potential changes in frog heart 28079

on endotoxin-detoxifying component in blood & plasma 17252

on epiphyseal histol. in rachitic rats (Ger) 30613

on growth & morphol. of tissue cultures of mouse lymphoblasts 2703

on heart, antag. with sodium, application to mode of activation of contractile system 17978

on metab. of radio-rubidium in isolated rat diaphragm (It) 13972

on nerve-musc. prep. of rat 13435

on radiochromium binding by human erythrocytes in vitro 39845

on response to smooth musc. to cooling 5101

on secretion & acidity of gastric juice in pigeons 47727

on solubility & calcium uptake of synthetic hydroxyapatite & rat molar enamel 4401

on thyroid funct. in rainbow trout (Fr) 26757

reversal of edathamil inhib. of intestinal absorp. of vitamin B12 in man 44909

transitory amino-aciduria during calcium perfusion in Fanconi's rachitic synd. in inf. (Fr) 21272

***in blood***

arteriovenous changes in hyperparathyroidism (Cz) 38120

changes in ionized calcium during massive transfusion & extracorporeal circ. using citrated blood (Fr) 53996

determ. (Ser) 22639

determ. by edathamil, method 40463

determ. by flame photometry 11757

determ. by rapid micro-titration with edathamil, appar. & technic 44905

determ., complexometric titration (Bul) 32763

determ., complexometric titration (Fr) 24774

determ., rapid micro-quantitative method 52440

determ. technics 2554

determ. with calcein indicator & complexometric titration (Ger) 18327

eff. of blood levels on calcium & strontium metab. in man 17573

eff. of estradiol in immature pullets, response to thiouracil 14605

excess & defic., eff. on blood magnesium (Fr) 26762

excess, caused by gastrointestinal absorp. disord. & D-hypervitaminosis (Ger) 46111

excess causing renal failure in breast cancer with osteolytic metastases 15015

excess, idiopathic (Ger) 32601

excess, idiopathic in inf. 173 823 18495 31473 43727

excess, idiopathic in inf. (Dut) 7336

excess, idiopathic in inf. (Ger) 19313

excess, idiopathic in inf. as defect of vitamin D metab. 30130

excess idiopathic in inf., relation to defic. of dietary fatty acids, review 14198

excess, idiopathic in inf., ther., sodium sulfate-supplemented milk 7875

excess, idiopathic in inf. with ment. retardation, case reports 24458

excess, idiopathic in young child., case reports (Fr) 25467

excess in cretinism (Fr) 25473

excess in kidney dis., manifest. 5416

excess in sarcoidosis & brain dis., prednisone ther. (Dan) 22418

excess in sarcoidosis, ther., cortisone & prednisone 50205

excess, induced by magnesium defic. in rats 25870

excess induced by vitamin D3, eff. on renal concentrating ability 40686

excess, with facial manifest. in child 13413

excess with renal dis. in hyperthyroidism, case report 36107

fetal, maternal & umbilical levels during 3rd stage of labor (Pol) 8090

filterability in vitro in serum, comparison with strontium 20779

funct. in potassium permeability of human erythrocytes 47968

hypercalcemic eff. of liposoluble fractions from parathyroids or green leaves of Gramineae in dogs & rats (Fr) 15102

hypocalcemia as primary disord. in tetany of cattle, review 28187

hypocalcemic ECG abnorm. in liver dis. 35626

hypocalcemia in inf., ECG in diag. & control of ther., review (Fr) 32392

hypocalcemia in nontropical sprue, with diabetes mellitus & intrinsic factor defic. anemia 24864

hypocalcemic tetany, EEG (Cz) 38285

hypocalcemic tetany in newborn developing within 36 hours of birth 36531

in acute pancreatitis, diag. value 23694

in dyspepsia in child. (Rus) 7905

in miners (Pol) 30736

in mongolism, comparison with other forms of ment. retardation 17759

in premature inf., determ. (Sp) 21125

ionized, complexed & protein-bound fractions of calcium, study in various dis. affecting calcium metab. & role of calcium ions in prev. of tetany 31589

ionized, protein-bound & complexed blood calcium in hyperparathyroidism, diag. value 41838 41840

normal values 7138

protein-binding & partition in laying hens & estrogenized roosters 15610

***in urine***

apatite & brushite content at various pH, relation to calculi form. 5937

calcium phosphate in urine, solubility, eff. of citrate 18154

complexometric titration with photoelectric endpoint indic. (Ger) 43608

determ. by ion exchange & complexometric titration (Ger) 49086

eff. of lactose ingestion in rat, time factor (Fr) 26854

excess, idiopathic 19862

excess, idiopathic (Fr) 32399

excess in Guillain-Barre synd., with hypertension, hyposthesuria & without hypercalcemia in post-paralytic period (Sp) 44494

excess, induced for determ. of bone metab., technic & diag. value (Fr) 21390

excretion in kidney calculi, comparison with healthy subjects (Fr) 45022

hypocalciuria in hypochloremic renal acidosis, nephrocalcinosis & albescent retinitis, in child (Fr) 54449

in generalized bone dis., diag. value (Fr) 45012

in kidney calculi & renal insuff. (Fr) 28686

in kidney calculi, excretion in calcium stones of renal origin 2142

in kidney dis., semeiol. value (Fr) 53441

in nephritis with glomerular involvement, semeiol. value (Fr) 47349

in renal tubular acidosis 14164

phenomenon of fading of hypercalciuric urines in primary hyperparathyroidism, diag. value (It) 1516

postop., mechanisms (Fr) 24772

quality control standards in determ. methods 24406

***metabolism***

(Fr) 54177

absorp. & excretion in submerged aquatic plants, eff. of light 4811

absorp. in Fanconi's rachitic synd., eff. of vitamin D 39729

Azotobacter vinelandii, intracellular localization 3491

binding to casein, eff. of pH & calcium & phosphate concentrations 1350

blood & middle ear secretion in various forms of otitis (Rus) 22657

blood & urine levels of ultrafilterable calcium in exper. acidosis & alkalosis in man (Ger) 39096

blood & urine of bovines (Fr) 26679

bones during growth, radioautographic study of subperiosteal apposition (Fr) 25488

bones during growth, review 43261

bone, eff. of thyroxine & parathyroid hormone in rats 5776

bones, eff. of vitamin D2 in normal, fluorine-treated & rachitic rats (Ger) 28068

bones, exchangeable calcium of bone salts (Fr) 26324

bone in determ. of bone form. rate in metab. bone dis., radiocalcium determ. 17043

bone in normal & rachitic rats, eff. of vitamin D3 (Ger) 16375

bones, radioautography in dogs (Fr) 25437

bone tissue, eff. of total body x-irradiation in rats (Rus) 7786

brain, eff. of aging in rats 40876

calcium oxalate & phosphate crystals in detached retinas 82

calcium oxalate crystals in detached retinas & lenticular tissue 83

calcium-phosphorus metab. in relation to Krebs cycle (It) 16373

calcium salts in endolymph of toad larvae, eff. of thiouracil treatment (It) 1890

CNS & other organs in animals, eff. of spinal cord section, radiodeterm. (Rus) 49539

deposits in bone, dietary determinants in rats 44951

deposits in eye & eyelid in hypercalcemia, role of acid secretion & resp. of eye surface 33050

deposits in pineal body & in intracranial tumors, microradiographic & x-ray crystallographic analysis 33966

disord., Burnett synd. (It) 1514

disord., Burnett synd. after ther. of peptic ulcer with alkali & milk (Dan) 22394

disord., Burnett synd. complicated by salt-losing nephritis 52635

disord. in glomerulonephritis, relation to parathyroid glands (Fr) 9653

eff. of bile secretion in rat 17823

eff. of blood calcium levels in man 17573

eff. of estrogens, androgens, cortisone, somatotropin & thyroxin, review (Fr) 25096

eff. of exper. scurvy in guinea pigs (Fr) 48826

eff. of glucosamine & acetylglucosamine in rats, radiocalcium determ. (Ger) 35565

eff. of surg. 42957

eff. of tapioca macaroni replacement of rice diet in undernourished child 37594

eff. of vitamin D & ultraviolet irradiation in milk-fed calves 13723

eff. of xylose (Fr) 41374

exchange between blood & various organs in rat (Fr) 15073

exchange of Ehrlich ascites tumor cells of mice in vitro 19534

femur & saliva content in rats, eff. of feeding of calcium phosphate salts 17210

in atherosclerosis in rabbit, radiocalcium determ. 40123

in gastrointestinal dis. (Ger) 49675

in hyperthyroidism, review 7562

in idiopathic familial hypophosphatemic vitamin-resist. rickets, calcium gluconate perfusion test (Fr) 44612

in inf., review (Ger) 34139

in osteoporosis & osteomalacia (Fr) 34771

interaction with desoxyribonucleoprotein from sea urchin sperms 3503

kidney deposits, comparative eff. of parathyroid extracts & turpentine in rat 35787

musc., determinants of calcium movement in striated frog muscle 35818

musc., inward movement of calcium as link between electrical & mechanical events in contraction, experim. on frog musc. 52343

Nereis diversicolor, in caudal regen. (Fr) 15145

parathyroid regulation, review (Sp) 21102

precipitates in senile aorta, histochem. localization (It) 37426

requirements, calcium-phosphorus ratio, & disord. in white & Negro child. in Africa (Fr) 26208

retention in rats, eff. of lactose admin. in various doses (Fr) 3069

retention in young rats after oral & parenteral admin., eff. of vitamin D (Fr) 48837

role in blood coagulation, research, contribution of Luigi Sabbatani 9604

transport in submerged aquatic plants eff. of aeration 4812

umbilical cord content, eff. of vitamin D (Fr) 47358

***radioactive***

determ. by iso-ionic exchange with calcium phosphates, technic & calculation methods (Fr) 26311

induction of osteogenic sarcoma in rats 11764

iso-ionic exchange with synthetic calcium phosphates, mechanism (Fr) 26313

isoionic exchange with tricalcium phosphate (Fr) 26332

removal from bone by peritoneal lavage, eff. of time of inject. & parathyroidectomy 31384

***therapeutic use***

allergy (Dut) 39551

calcium chloride in serous pleurisy in pulm. tuberc., iontophoresis (Bul) 32709

calcium-sandostene prep. in allergic skin dis. (Sp) 3346

hypertension, with estradiol & testosterone 211

protein-calcium enriched diet in osteoporosis in aged (Fr) 41931

senile ocular capillaritis, technic of calcium ionization (Fr) 13057

## CALCULI

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

***see also*** CHOLELITHIASIS

crystal-matrix interrelations 55039

histol. of calculi form. (Ger) 45590

## CALLOSITIES

occup. 37551

***surgery***

indic. in plantar callosities (Fr) 31066

***therapy***

adrenal cortex hormones, subdermal inject. 4585

plantar neurofibrous heloma with hallux valgus & bursitis, corrective ther. with latex forefoot device 4588

vitamin A, intradermal inject. in helomata 4586

***CAMOQUIN*** ***see*** ANTIMALARIALS

## CAMPHOR

***administration***

inhalation, radioisotope determ. of speed & duration of inhaled vapors in dog 40363

***determination***

chromatographic analysis of alcoholic solutions of camphor, method (Fr) 49398

***effects***

on cardiovasc. system, comparison with nicotinic acid diethylamine & pentylenetetrazole (Rus) 3569

on Widmark test in alcoholism (Ger) 27137

***poisoning***

52659

***related compounds***

radiobismuth-lecithin camphorcarbonate, distribution after infiltration into solid Ehrlich carcinoma in mice (It) 42585

***therapeutic use***

athletic inj., camphor prep. (Ger) 38940

camphor-ethereal oil-quinine balsam in ther. of resp. dis., with roll bandage (Ger) 42353

camphor-ethereal oil-quinine prep. in prev. & ther. of postop. resp. tract inflamm. (Ger) 3303

## CAMPS

changes in blood picture of child. attending summer camps (Ger) 11141

eff. of summer camps on kindergarten child develop. (Rus) 3806

for diabetic child. 17456

for diabetic child., daily blood sugar determ. using multi-interval clinitron method 5286

participation of child. with hearing disord. in camping programs 15097

summer camps for diabetic child. (Ger) 3233

***CANCER*** ***see*** NEOPLASMS

***CANCROID*** ***see*** CARCINOMA, EPIDERMOID

***CANDIDA*** ***see*** MONILIA

## CANNABIS

isolation & characterization of sedative substance from Cannabis sativa (Ger) 13361

sativa intoxication, clin. & metab. findings with its funct. as research tool in model psychoses 50826

***addiction***

in Morocco (Fr) 6374

## CANTHARIDES

blood coagulation factor in cantharide blister fluid (Ger) 27189

***effects***

cantharidin in threshold concentrations causing blisters in guinea pigs, influence of hydrocortisone 38871

skin response of normal & eczematous subjects to cantharidin 14083

***therapeutic use***

cantharides plaster in various dis., role of skin stimulation (Ger) 3333

## CAPILLARIES

anat. & physiopathol. 17723

physiopathol. & role in water-electrolyte metab., review (Pol) 30806

***anatomy and histology***

funct. capillary beds in the beating, potassium chloride-arrested & potassium chloride-arrested-perfused myocardium in dog 2921

structure, electron microscopy (Ger) 15429

***diseases***

hemorrhagic capillary disord. with antihemophilic globulin defic., review & case reports 6621

***effect of drugs on***

adrenal cortex hormones on capillary resist., stress-induced changes 4671

arterenol & epinephrine on resist. in healthy men 49233

Crataegus extract on fragility (Ger) 42386

oxygen-induced proliferation of pulm. capillaries, postmortem findings 12465

***effect of radiations on***

ultraviolet & x-rays on capillaries in web between toes of frog, comparison 29837

***in various diseases***

epilepsy (Rus) 34822

hemorrhagic diathesis (Ger) 10329

***metabolism***

basement membrane, histochem. (Ger) 45789

***pathology***

in pigmented purpura of skin 23362

***physiology***

capillary flow in tissues, relation to blood pressure & pulse pressure 26500

cutaneous circ. in brain tumors (Rus) 34753

percep. & postop. blood pressure in skin capillaries (Pol) 30766

pressure determ. in extremity musc. as blood circ. test (Ger) 55461

pressure determ. in skin & musc. as blood circ. test (Ger) 55460

pulm. capillary circ. in atelectasis in fetus, postmortem findings 11997

resist., eff. of temperature & diet & relation to growth in guinea pigs (Fr) 41924

resist., eff. of various vitamin P factors with vitamin C & vitamin K in guinea pigs (Fr) 32921

resist. in psychoses & electroshock ther. (Fr) 26989

skin capillary resist. in cond. of different influences on tonsils (Rus) 55225

unilateral disequilibrium, capillary changes induced by motor & sensory stimuli 12315

## CAPILLARY PERMEABILITY

disord. in exper. blister develop., role of histamine & histamine-like prep. (Rus) 25742

peripheral capillaries, relation to blood proteins & lipoproteins (Pol) 30807

review (Ger) 39219

***effect of drugs on***

chlorpromazine (It) 1510

hyaluronidase in dogs 7175

hyaluronidase, in dogs (Ger) 34002

isoflurophate, pyrilamine & salicylate suppression of increased capillary permeability in thermal burns in rats 19595

polyphloretin phosphate 23998

review 43591

serotonin causing increased permeability in rats, influence of various other drugs on increase (Ger) 24916

tannin (Ger) 36840

***effect of radiations on***

total body x-irradiation in dog 19565

x-ray in dogs (Ger) 46090

x-ray total body irradiation in dogs (Rus) 43440

***in various diseases***

eczema, eff. of intracutaneous inject. of blood serum & histamine, study with sodium fluorescein 33709

hypertension (Rus) 7792

hypoxia (It) 3852

plague in guinea pigs (Rus) 37203

pulm. tuberc. in child. (Rus) 31228

rheum. fever, Landis test (Cz) 38313

thrombocytopenia & blood coagulation disord. in rats, review & exper. (Ger) 10388

***physiology***

eff. of ganglionic sympathectomy (It) 30670

eff. of human serum globulin factor on capillary permeability, isolation & properties of factor 2052

eff. of human serum globulin factor on capillary permeability of guinea pig skin 2051

eff. of intracutaneous inject. of blood proteins, blood serum & histamine in normal humans 33708

eff. of skin burns 5614

eff. of splenectomy in thrombopenia (Pol) 43645

eff. of splenectomy on permeability of normal & experimentally injured vessels, role of mucopolysaccharides (It) 30669

Landis test in aged (It) 25689

microcirc., review 54427

passage of colloidal mercuric sulfide particles across capillary wall in skin of mice, eff. of histamine 53697

relation to circ. rate & structure of vasc. wall (Ger) 2436

***CAPITELLUM*** ***see*** HUMERUS

## CAPROATES

6-aminocaproic acid reversal of lysis of blood clots induced by streptokinase in rabbits 34962

***CAPROIC ACID*** ***see*** CAPROATES

## CAPRYLATES

***metabolism***

utilization by liver & fatty tissue of castrated & sex hormone-treated rats 14618

***therapeutic use***

thiocaprylic acid in fetal erythroblastosis, statist. (Cs) 14858

***CAPRYLIC ACID*** ***see*** CAPRYLATES

## CAPSICUM

annuum, electron microscopy of fruit chromoplasts 5911

***CARBACHOL*** ***see*** PARASYMPATHOMIMETICS

***CARBAZOCHROME SALICYLATE*** ***see*** HEMOSTATICS

## CARBOHYDRASES

***see also*** AMYLASES

***see also*** GLUCURONIDASES

***see also*** HYALURONIDASE

***see also*** LYSOZYME

alginase in intestine & intestinal contents of sea urchin 54397

cellulase, complex forms 19691

cellulase-containing prep., viscosimetric determ. of depolymerising activity (It) 30616

cellulases with ther. value, technics for activity determ. (Fr) 30617

cellulolytic enzymes from sheep rumen microorganisms, isolation & properties 1648

chitinase system of Streptomyces griseus strain, purification & enzyme activity 13752

chondroitinase from bact., spreading factor activity 44123

α-galactonidase, partial hydrolysis of alfalfa galactomannase (Fr) 26335

β-D-glucosidase cleavage of β-D-glucopyranosides of m-hydroxybenzoates & gentisates (Ger) 20322

β-glucosidase from cell-free extracts of microorganisms of sheep rumen, substrates 13691

α-glucosidase from Saccharomyces italicus, purification & properties 13791

inducible β-glucosidase from Saccharomyces cerevisiae, purification & properties 28251

invertase from dry yeast (Ger) 23630
maltase from cactus plant, isolation & purification 49301
mucinase in oral Treponema & Fusobact. (Ger) 25224
neuraminidase, substrates & mode of action, review 35556
neuraminidase-susceptible disaccharide in bovine salivary mucoprotein 55565
pectinase activity, eff. of tannins 13714
pectinase solution in pollen tube & pollen mother cell smears, value 54583
sucrase liberation from disintegrated yeast cells 42960
sucrase synthesis extracellularly in certain strains of yeast 1360
1361

***effects***

chitinase from Streptomyces species on Aspergillus oryzae 52419
β-glycosidase component of cellulolytic enzyme system of Poria vaillantii, characterization 47723
maltase from cactus plant, activity 49302
on cell detachment from culture flask in vitro (It) 37358
phenylglycosidase activity, eff. of pressure & temperature changes 47942

***in blood***

maltase in dogs, electrophoretic mobility 12757

## CARBOHYDRATES

***see also*** **DISACCHARIDES**

***see also*** **GLYCOSIDES**

***see also*** **MONOSACCHARIDES**

***see also*** **PECTINS**

***see also*** **POLYSACCHARIDES**

benzyl ethers of sugars, prep. & properties 46780
chem., review 1250
consumption & preference of sweets, relation to body size 4426
glycolipid globoside of erythrocytes as factor determining type ABO blood group, purification (Fr) 48930
group A streptoc. carbohydrate, chem. basis for its serol. specificity 4999
malt candy, determ. of sugar composition (Ger) 42828
methyl esters of 2-amino-2-desoxy sugars, synthesis & properties, review 35546
saccharinic acids, form. & properties 46785
sugars, form. & cleavage of oxygen rings, review 35542
sugars, Lobry de Bruyn-Alberda van Ekenstein transform., review 35543
sugars, mutarotation, eff. of pyridine (Fr) 38668
sugar nitrates, prep., phys. properties & reactions 46787

***antagonists***

inhibitors of carbohydrate metab., eff. on rabbit electroretinogram 7669

***determination***

glycolipids, review 6756
in alfalfa, chem. composition & identification 1347
in cereals, review 43288
in collagens & their gelatin deriv. from various sources 37092
in leaves of Aconitum napellus (Fr) 1066
in rice, eff. of cooking on content (Sp) 1558
infrared spectrum analysis 46784
isolation from grasses & analysis (Ger) 27481
reducing sugars in culture media for bact. by Schoorl's method (Hun) 41636
reducing sugars, identification as 1-phenyl-quinoxazolino[2,3-d]-Δ2-pyrazoline deriv. (Fr) 36175
spectrophotometric determ. of total carbohydrate 7139
sugars by formazan reaction, significance in carbohydrate research, review 35544
sugars in malt extract, chromatography (Ger) 30614
sugars in polysaccharides of M. tuberc., quantitative determ. (Por) 21091
zone electrophoresis 46786

***effects***

high-carbohydrate low-fat diets, induction of dent. caries in molar teeth of rats 40771
on human isohemagglutinins in vitro (Fr) 26297
on nitrogen turnover in body proteins in rats (Hun) 39740
on phosphorylase activity of rat liver 44117
potassium hydrogen saccharate inhib. of uterine B-glucuronidase activity after local application in rat 35144
potassium hydrogen saccharate inhib. of uterine β-glucuronidase activity, eff. on estradiol-induced changes in rat uterus 35145
preprandial ingestion of small quantitiy of sugar on appetite (Fr) 24878
sugar concentration of medium on lactic acid-acetic acid ratio in lactic acid bact. 1302
tolerance of tube-fed rats, eff. & interactions of insulin, carbutamide & somatotropin 49175
type of dietary carbohydrate on growth & food intake of rats 28571

***in cerebrospinal fluid***

in African trypanosomiasis (Fr) 26776

***in urine***

reducing sugar determ. by alkaline copper reagents, paper chromatography in testing of interference by other reducing substances (Sp) 36847
reducing sugars in inf. toxicoses & diarrhea, determ. (Sp) 36859

***injurious effects***

dent. caries (Ger) 19046

***metabolism***

aldose oxidation by Acetobacter sub-oxydans & eff. on growth 1651
amniotic fluid content in normal & toxemic pregn. (Rus) 12150
Azotobacter agilis composition in relation to age of culture (Rus) 19117
bact., review 25113
brain & musc., in brain tumors (Rus) 34756
brain, balance (Ger) 18332
brain, liver, heart & diaphragm glycolysis, eff. of artif. hibernation in rats (It) 11830
cactus, Nopalea cochinellifera 49364
carbohydrate/tyrosine ratio of fibrinogen, variations in various dis. (It) 37411
CNS, relation of neuroglial & choroid plexus ependyma in vertebrates, histol. (Ger) 34411
consumption of sugar & sweets by child. (Sp) 31015
disord. in hypercholesterolemia & hyperlipemia 29527
E. coli, eff. of environmental cond. & x-irradiation 23289
eff. of arylsulfonylbutylureas in rats (Ger) 15627
eff. of bovine somatotropin in man (It) 37412
eff. of chlorpromazine on enzymic processes in intermediate carbohydrate metab. (Ger) 36594
eff. of concentration of sugar solutions on intestinal absorp. in rats, comparison with poikilotherms (Fr) 26682
eff. of epinephrine, review (It) 27435
eff. of hemidecortication in rat 29528
eff. of nicotinic acid on carbohydrate tolerance in diabetics & nondiabetics 46923
eff. of somatotropin in dog 47120
eff. of surg. in Jamaican natives 12865
eff. of thyroid hormones in chick embryo fibroblasts 13830
eff. of tissue fixation, on carbohydrate histochem. 17381
eff. on repeated medication sleep (Rus) 7791
Eremothecium ashbyii, synthesis during fermentation, relation of osmotic pressure (Ger) 32283
fermentation by Enterobacteriacea, rapid detection methods 50335
fermentation, combined test with indole prod. in identification of coliform bact. (Ger) 36424
galactan from Asterococcus mycoides 19696
gastric emptying & intestinal absorp., eff. of nature of test meal in rat 17826
glucosyl oligosaccharides in liver, relation to glycogen metab., eff. of starvation, glucose feeding & insulin 7136
glycogenesis & glycolysis in isolated rat diaphragm, eff. of vitamin E & insulin 18159
glycolysis, aerobic & anaerobic, in developing rat retina 48212
glycolysis anaerobic, in insect musc. (Ger) 25883
glycolysis & glucose-6-phosphate cycle in smooth musc. of pigeons (Ger) 49883
glycolysis by extract from pea seeds 1638
glycolysis, eff. of toxic antibiotics in animal tissues 47725
glycolysis in cornea & intestinal mucous membrane, eff. of epinephrine in rats (Rus) 13866
glycolysis in Ehrlich ascites tumor homogenates & intact tumor cells in mouse, inhib. by 2-methyl-1,4-naphthoquinone (Ger) 46163
glycolysis in rat liver, eff. of DAB (Ger) 23073
glycolysis in Saccharomyces cerevisiae, eff. of biotin 16890
glycolysis in salivary sediment, inhib. by various chem. in relation to sediment thickness 17201
glycolysis in tissue culture, changes & influencing factors 14101
glycolysis in tissue cultures, eff. of hydrocortisone 39235
glycolysis in Yoshida ascites tumor cells, inhib. by x-rays in rats (Ger) 46176
glycolysis of fetal tissues, relation to lactic dehydrogenase of umbilical cord blood & amniotic fluid (It) 24959
glycolysis rate in ascites tumor cells 48578
glycolysis, relation to cancer (Ger) 6104
glycolysis, relation to potassium uptake by cells 27370
glycolytic enzymes in blood in cancer & other pathol. cond., limited diag. specificity of abnorm. enzyme activity 17776
glycolytic enzymes in blood in cancer, eff. of protein on abnorm. enzyme activity 17777
glycolytic enzymes in erythrocytes in anaemia (Ger) 35564
glycolytic inhibitors inducing retinal degen. in rats & rabbits 2102
glycolytic metabolites in isolated rat liver nuclei (Ger) 49330
glycolytic pathways in Ehrlich ascites tumor cells, interrelationship with resp. pathways & Crabtree eff. 37103
heart, consumption of various simple sugars by isolated small heart (Fr) 26687
heptoses, non-oxidative form. in skeletal musc. in vitro (It) 37427
hist. of research & findings (Ger) 42393
hist. of research, biographies of principal contributors (Ger) 42407
in aged, physiol. changes (Ger) 52247
in brain tumors (Rus) 22665
in chronic alcoholism 35170
in diabetes mellitus 9837
in diabetes mellitus, eff. of salicylates (Ser) 41926
in exper. fatty liver in rats (Fr) 25521
in exper. shock, behavior of enzymes in glycolytic cycle (It) 3869
in liver cirrhosis (Ger) 22953
in liver echinococcosis (Rus) 51172
in newborn premature inf. & in inf. several months old (It) 29726
in rat 39197
in rat ascites hepatoma cells in tissue culture 16440
in rheum. arthritis 24103
in schizophrenia, eff. of blood fractions from schizophrenics on glucose uptake of rat diaphragm 27015
intestinal absorp. in sprue, determ. by xylose tolerance test 38349
intestinal absorp. in vitro, review 49704
kidney cell cultures, eff. of trypsinization by Dulbecco-Vogt method on anaerobic metab. (Ger) 34233
liver & musc., eff. of testosterone propionate in rabbit 13462
liver, eff. of N-acetylglucosamine & glucosamine in rat liver slices 4741
liver in hepatitis, eff. of choline (Rus) 33334
melezitose in Saccharomyces, eff. of environment 7145
metab. rate, diag. value (Fr) 21755
monoacetyl-sugars in Bacillus megatherium & other soil organisms 25878
mouth, eff. of defic. of bivalent trace metals on glycolytic activity of acidogenic microorganisms 40777
myocardium, during cardiac arrest & post-arrest perfusion of dog heart 1247
oligosaccharides in bean Vicia faba 52310
oligosaccharide synthesis in bact. 10208
phosphorolysis, review (Pol) 30889
plants, possible role of vitamin C as intermediate 47955
protein-bound carbohydrates in effusions from tubotympanitis 1191
protein-bound carbohydrates in human fetuses 44892
reactivity of halides with sulfonyloxyl groups of carbohydrates 19464
requirements of human cell cultures for growth 4742
review 1257
skeletal musc., eff. of adiphenine & hexamethonium on carbohydrate & phosphorus metab. (Rus) 33180
spermatozoa of cock 7183
sugar content of exudates in pulm. & pleural compl. of pulm. tuberc. (Ger) 25790
sugar-decomposing activity of Sarcina flava 23768
sugars in semen of various mammalian species, determ. (Fr) 37846
trisaccharides of grasses Lolium & Festuca 19539
tumor cells, eff. of x-rays on anaerobic metab. (Ger) 34234
tumor tissues, release of enzymes from ascites tumor cells into extracellular medium in study of metab. of phosphorylated & non-phosphorylated sugars 37122
yeasts, determ. technic (Ger) 34469

***therapeutic use***

colpan capsules in vaginitis (Ger) 42944
colpan in nonspecific vaginitis (Ger) 42308
high carbohydrate diets for work at high altitudes, value (Fr) 39474

## CARBON

***see also*** **CHARCOAL**

***determination***

cytochem. determ. by radioautography 3785
in organic & inorganic cpds., microdeterm. by ignition with sodium amide 2826

***effects***

carbon black of various types, on skin of exper. animals 23384
on radiation-induced necrobiosis in ascites tumors of Wistar rats (Fr) 38812

***metabolism***

balance in Bacillus megatherium growing in glucose-mineral medium 50342
distribution of radiogold-carbon suspensions in lung after admin. by transvenous cardiac catheterization in exper. study of lung cancer in dogs (Ger) 32659
fungus Zygorhynchus 17304
pathol. deposition of colloidal carbon in vasc. endothelium 47083
soy bean plant, rapid translocation of photosynthetically assimilated carbon 26412

***radioactive***

biol. hazards to man of carbon-14 from nuclear weapons 34836

genetic & biol. hazards to man 44948
genetic & somatic eff. of carbon$^{14}$ from atomic bomb tests 21716
labeling of p-iodobenzoyl groups in paired labeling of anti-tissue antibodies & control proteins for in vivo localization studies 16349
labeling of sucrose using detached sugar beet leaves, method 48460

## CARBON DIOXIDE

carbon dioxide absorbents in anesth., absorp. at various flow rates 47332
carbon dioxide-combining power of serum & plasma in minute quantities, volumetric appar. 35659
in angiocardiography in dogs, exper. study (Fr) 42508
in artif. pneumomediastinum in child. (Sp) 21121
in dissociation of ovalbumin-hemoglobin complex 19474
intravenous inject. for demonstration of interauric. septal defects 35795
preserv. of swine spermatozoa in carbon dioxide, exper. study (Fr) 48822
response of carbon dioxide-deficient human cells in vitro to normal cell extracts 44085
snow in cryother. of verruca plantaris, with surg. 40343

***administration***

new procedure 50445

***determination***

appar. & method in resp. studies 32229
bedside determ. of alveolar carbon dioxide tension 19864
compression meter for carbon dioxide determ. in cavities & inhalation anesth. (Dut) 52523
in air, rapid method (Ger) 25228
in alveolar air at various metab. levels (It) 36776
in alveolar air, dynamic registration (Rus) 15771
in carbonated beverages, rapid method (Rus) 33636
in intact dent. enamel 40763
in resp. airways & in blood, relation to variations in dead space (It) 37330
in respired gases containing cyclopropane & ether, infrared analysis 47333
modified Scholander appar. for accurate estimation of carbon dioxide in small samples of expired air 4682

***effects***

catalysis of pyroglutamic acid form. 7130
exper. acute retroperitoneal carbon dioxide insufflation in dogs, tolerance 55029
hypocapnia on brain lactic acid levels in dogs 16836
induction of ventric. arrhythmia in cyclopropane-anesthetized women 959
on blood vessels during inhalation anesth. 2037
on cerebral blood flow in mitral stenosis 14037
on EEG 19795
on exper. bronchial spasm in guinea pigs (Ger) 39918
on giant axon of mollusk Tethys (Fr) 38678
on glycogen synthesis in myocardium in rats (Fr) 3097
on intestinal blood flow & motor reactions 741
on metab. of polymorphonuclear neutrophil leukocytes (It) 1958
on performance of isolated perfused guinea pig hearts 12556
on resp. during natural sleep at sea level & at altitude 16810
on resp. tract in bilateral cerebral infarction 7396
on thermoregulation of nonanesthetized rat (Fr) 15097
on ventilation, oxygen uptake & arterial blood CO2 saturation in pulm. emphysema 33056

***in blood***

(Sw) 45363
arterial blood, correlation with pH of blood (Fr) 15022
correlation of absorp. in aged with acid base equilibrium (It) 6910
determ., electrode appar. 16843
determ. of partial pressure of carbon dioxide in mixed venous blood from the experimental carbon dioxide rise during rebreathing 4653
determ. of pCO2 & pO2, bubble method 32240
eff. of exposure of rats to high pressure oxygen 5795
eff. of heavy & exhaustive exercise on tension in arterial blood 46690
eff. of increased retention on liver funct. in dog 4657
eff. of intraperitoneal admin. of hydrogen peroxide solutions in rabbits (It) 42541
eff. of potassium & magnesium salts of dl-aspartic acid in induced hypercapnea in dogs (Fr) 48969
hypercapnia & simultaneous hypoxia, eff. on pulm. arterial pressure in dog 36606
hypercapnic coma, postop., in patients with cardiopulm. insuff., immediate recovery by tracheotomy, case report (Fr) 24252
hypercapnia, eff. of buffering of blood on blood arterenol & epinephrine levels in dogs (Fr) 48846
hypercapnia in dogs, circ. eff. of rapid drop (Fr) 3067
hypocapnia, eff. on develop. of ether anesth. in dog 47335
in pregn. goats & their fetuses 12571
incorporation by duck erythrocytes & reticulocytes in vitro 29819
relation of partial pressure of CO2 in arterial blood to ventilation in various stages of chronic pulm. tuberc. (Fr) 32058
venous infusion of gaseous carbon dioxide into dogs, circ. & resp. responses & subsequent recovery phases 46380

***metabolism***

carbon-14 dioxide conversion to starch glucose by spinach during photosynthesis 19704
Desulfovibrio desulficans, enzymic form. from carbon monoxide by cell-free extracts 13817
eff. of acetazolamide on pulm. excretion in dog under constant ventilation (Fr) 53985
eff. of inhib. of carbonic anhydrase by acetazolamide on tissue gas tensions in rat 20757
fibroblasts, requirements for growth & maintenance of permanent strains 16944
fixation by Saccharomyces cerevisiae, eff. of 2, 4-dinitrophenol & sodium azide (Sp) 8983
fixation during oxidation of glucose by Saccharomyces cerevisiae & carlsbergensis (Sp) 8978
fixation in yeasts 25869
form. from degradation of gluconate & glucose by Acetobacter suboxydans in vitro 40479
incorporation into β-carotene in illuminated etiolated maize seedlings 37063
localization in phosphates of bone & teeth by radioisotope methods (Fr) 26344
nonphotosynthetic fixation by algae Chlorella pyrenoidosa & Nostoc muscorum & fungus Zygorrhynchus moelleri 50336
output in mice measured by deuterium oxide under cond. of isotope re-entry into body 35821
permeation in lung, mechanism (Ger) 46179
production of metabolic carbon dioxide in regulation of peripheral circ. (Fr) 36938
requirement of Propionibacteria, relation to growth stimulating eff. of autoclaved glucose media 38313
seaweed Fucus vesiculosus, biosynthesis of radioactive mannitol from radiocarbon dioxide 21665
Thiobacillus thiooxidans, glyceric acid phosphate form. through carbon dioxide fixation 1384
utilization by Penicillium digitatum, pathway 2561

***poisoning***

in stevedores & ship personnel 14226

***therapeutic use***

baths in chronic rheum. dis. (Ger) 49052
with oxygen, in induction of hyperventilation for ther. of trichloroethylene pois. in child (Fr) 2476

## CARBON DISULFIDE

***poisoning***

occup., blood protein levels (It) 27485
occup., eff. on CNS funct. (Rus) 33326

***toxicity***

slow tox. with high cholesterol diet, relation to etiol. of arteriosclerosis in rabbit (It) 3596

## CARBON MONOXIDE

***determination***

chem. & phys. methods of detection & determ. (Fr) 21257
determ. in aeronautic surroundings by gas detector, Drager 19/31, & parallel concentrations in blood of personnel (It) 19197
in tunnels for water supply & drainage sewer during construction, measurement & prev. of pois. of workers 46885

***effects***

prod. of embryonic CNS abnorm. in mice after maternal inhalation 3599

***in blood***

equilibration between maternal & fetal circ. in humans 44891
in Weddell seals & humans, comparison 52384
rate of uptake by normal human erythrocytes & experimentally produced spherocytes 5107

***metabolism***

Desulfovibrio desulficans, enzymic oxidation by cell-free extracts 13817

***poisoning***

causing brain damage with second memory (Ger) 32274
causing brain dis., ther. with prednisone (Fr) 8230
causing hypersideremic hypochromic anemia (Fr) 54299
causing musc. necrosis & acute renal failure, fatal case 6133
causing pulm. edema, ther., tracheotomy & resp. reanimation (Ger) 55437
causing Wallenberg's synd., case report (Sp) 31833
EEG (Dan) 25830
eff. on rhodanese activity of erythrocytes in rabbits (It) 27458
fatal, caused by defects in stoves, furnaces or lighting fixtures, case reports (It) 6929
hazards in Antarctic explorations 48279
in France (Fr) 3055
seq. (Rus) 45242
ther., oxygen, high pressure technic (Rus) 22622

## CARBON TETRACHLORIDE

***effects***

exper. liver cirrhosis, eff. of serotonin on develop. (It) 37483
inducing fatty liver, lipotropic eff. of lecithin in rats (Ger) 39047
induction of biochem. changes in liver in vitro & in vivo, inhib. by edathamil 41277
mammary carcinogenesis in mice receiving carbon tetrachloride during 9 1/2 months (Rus) 37189
on blood phosphatase level in rabbits (Rus) 33327
on cardiovasc. system in intact rabbit & on heart-lung prep., with 1, 2-dichloroethane (It) 27467
on RE system in rats, histopathol. 46495

***poisoning***

causing acute renal failure (Ger) 15412
causing fatty liver in rats, histochem. & biochem. study (Fr) 7755
causing liver inj. in rats, eff. of protein diet 10394
clin. manifest. & histopathol. in fatal case of carbon tetrachloride-1, 2-dichloroethane prep. (It) 3594
eff. of ornithine-aspartic acid mixture in young rats (It) 1881
exper., eff. on ECG & electrolyte metab. (It) 39362
exper. in rats, protective eff. of aminoethylphosphoryl choline (It) 3542
hemodynamic & ECG eff. on rabbit heart-lung prep. in combined pois. with 1, 2-dichloroethane (It) 37437
liver damage causing tryptophan metab. disord. in rats (Rus) 10936
occup., in cargo ship crew members 42111

***therapeutic use***

distomiasis, emulsions for subcutaneous admin. (Pol) 33714

***CARBONATED BEVERAGES*** *see* BEVERAGES

## CARBONATES

calcium carbonate precipitation in water, role of microorganisms (Rus) 33160

***determination***

radiocarbon-labeled barium carbonate, determ. by counting in a liquid scintillation spectrometer 41042

***effects***

calcium carbonates on 2, 3 butanediol form. in Serratia marcescens cultures 4348

***metabolism***

bones, chem. nature & turnover 1390

***therapeutic use***

dolomite implantation in surg. of atrophic rhinitis 35333

## CARBONIC ANHYDRASE

discovery, physiol. eff. & mechanism of action (It) 29597
endometrial activity in rabbits, eff. of admin. of estrogens & progesterone 31442
relation to form. of aqueous humor, review 47038

***antagonists***

***see also*** ACETAZOLEAMIDE
aromatic sulfonamides, in vitro activity 38611
bis-(p-sulfamoylphenyl)methane metab. in rats (Ger) 27914
eff. of vasopressin on carbonic anhydrase inhib. in human volunteers (Ger) 49131
2-hydroxyethyl-p-sulfamoyl-carbanilate, chlorothiazide & dichlorphenamide control of glaucoma, comparison with acetazolamide 47065
mechanism of diuretic action 13175
pharmacodynamics of diuretic action, comparison of 6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide with other inhibitors 18649

***in blood***

eff. of thiopental anesth. (It) 51950

***CARBOXYLASES*** *see* DESMOLASES

***CARBOXYMETHYLCELLULOSE*** *see* METHYLCELLULOSE

***CARBOXYPOLYPEPTIDASES*** *see* PROTEASES

## CARBUNCLE

***see also*** FURUNCULOSIS

***case reports***

neck 55361
with gangrene of sternum in case of carbuncle of neck (Fr) 2393

***CARBUTAMIDE*** *see* ANTIDIABETICS

## CARCINOGENS

***see also*** ANTHRACENE
***see also*** BENZOPYRENES
***see also*** ESTROGENS
***see also*** FLUORENE
***see also*** METHYLCHOLANTHRENE
***see also*** NEOPLASMS, *experimental*
***see also*** STILBENES
antag. 33137
arsenicals, carcinogenic eff., review (Ger) 51874

asbestos implantation in rats (Ger) 55535

benzene extract of carbon black, carcinogenic eff. on skin of exper. animals 23384

chem. classif. & hazards in modern living, review (Fr) 17927

chem., research hist. & progr. 48560

chromite ore roast, induction of cancer after intramusc. & intrapleural admin. in rats 11592

cobalt, potentiating eff. of histamine on carcinogenesis (Fr) 38686

conversion of aromatic amines to quinones & toxic, allergic & carcinogenic activity of end-prod. (Ger) 28942

creosote oil, induction of lung tumors in mice 26468

creosote oil, induction of skin tumors in mice 26467

croton oil carcinogenic eff. on tissues of normal rats & of parathyroidectomized rats (It) 44804

croton oil, isolation & identification of component crystalline acetates 15662

croton oil painting of skin combined with oral admin. of urethane or carbanilic acid esters causing skin tumors in mice 35997

dichlorobenzidine-induced carcinogenesis in rats (Rus) 37212

p-dimethylaminoazobenzene-destroying ability of rat liver slices, eff. of loading of Kupffer cells with dye 39452

electron transfer processes in carcinogen-protein complexes, relation to mechanism of carcinogenesis 26008

ethionine induction of liver carcinoma in rats, prev. by methionine 26474

horse smegma, carcinogenic eff. in mouse vagina (Ger) 34596

licking as a factor affecting dosage in skin carcinogenesis 48572

mechanism of action, interactions of covalent bonds of carcinogens with cellular proteins 36932

mechanism of action, interactions with cellular proteins involving secondary valence forces of carcinogens 36935

neutralization by ultrasonics & high frequency current in slate chamber tar (Rus) 39578

p-nitrobiphenyl, new bladder carcinogen in dog 40109

nitrogenous & polybenzene substances in presence of histamine (Fr) 38725

occup. & environmental, hazards to population (Ger) 7099

relation of carcinogenic activity to O-alkylation 19490

shale oil soot, carcinogenic eff. in mice (Rus) 33600

structure in relation to carcinogen activity 13636

testosterone propionate carcinogenicity in rats & hamsters 26002

thallium, gradual pois. causing basocellular epithelioma of genital tract, in mice (Fr) 38724

tumor-promoting substance in Croton tiglium seeds, isolation & properties 1442

urethane carcinogenicity after long-term application in mice 26477

vitamin A (Sw) 54797

***effects***

azo dyes on p-phenylenediamine oxidase in blood in rats 3470

3,4-benzophenanthrene on nerve structure, relation to histamine fixation (Fr) 38736

carcinogenic & noncarcinogenic hydrocarbons & hepatocarcinogens on rat liver regen. 5422

croton oil, on hair growth on rabbit skin (Ger) 36419

croton oil, protective eff. of repeated doses in Japanese B encephalitis in mice 38410

p-dimethylaminoazobenzene carcinogenesis of hepatomas on tumor tissue ribonucleic acid (Fr) 44614

p-dimethylaminoazobenzene causing biochem. & histol. cellular changes in rat liver, prev. & ther. eff. of coenzyme A (Fr) 54881

p-dimethylaminoazobenzene-induced ascites hepatoma of rat, transitional changes of neoplastic characters in course of serial transfers 49671

p-dimethylaminoazobenzene on liver acid & alkaline phosphatase in rats, electrophoresis 49666

p-dimethylaminoazobenzene on liver histidase, electrophoresis 49665

p-dimethylaminoazobenzene on liver ribonucleic acid deaminase in rats, electrophoresis 49667

p-dimethylaminoazobenzene on regenerating rat liver (Ger) 10010

p-dimethylaminoazobenzene on resp. & glycolysis in rat liver (Ger) 23073

p-dimethylaminoazobenzene on size of cell nuclei in rat liver, with & without yeast (Ger) 10024

dimethylnitrosamine hepatotoxic action, inhib. of protein synthesis in rat liver in vivo 37062

hepatocarcinogens on rat blood p-phenylenediamine oxidase & xanthine dehydrogenase 49354

3'-methyl-4-dimethylaminoazobenzene on liver succinic oxidase, glutamic dehydrogenase & nitrogen, eff. of adrenalectomy & desoxycorticosterone 2675

mutagenic action 13255

on enzyme activity of regenerating rat liver (Ger) 30265

pituitary tumor induction in rats by testicular grafts of liver tissue from pregn. rats fed non-carcinogenic doses of p-dimethylaminoazobenzene (Fr) 37804

simultaneous carcinogen inj. & cortisone admin., on cancer growth in rabbits (Ger) 30263

***metabolism***

benzidine (4,4'-diaminobiphenyl), biotransformation in dogs 23385

p-dimethylaminoazobenzene metab. by liver & other organs, relation to liver carcinogenesis 39455

dimethylnitrosamine in various rat organs in vitro, relation to hepatotoxic action 37061

dimethylnitrosamine metabolites in rats & mice 37065

interaction of carcinogenic molecules with cellular protein 26453

3'-methyl-C14-4-dimethylaminoazobenzene in liver & tissues of rats 2671

*CARCINOID* ***see*** **ARGENTAFFINOMA**

*CARCINOID* ***see MALIGNANT*** **CARCINOID SYNDROME**

## CARCINOMA

***see also*** **CHORIOCARCINOMA**

***see also*** **NEOPLASMS**

***differential diagnosis***

spindle-cell carcinoma from pseudoepitheliomatous dia. (Bul) 45286

***pathology***

nuclear envelope of carcinoma cells, electron microscopy 19620

## CARCINOMA, BASAL CELL

adenogenous melanoid tumors of skin (Fr) 9645

recur., of face, radiother. & surg. 53121

***case reports***

multiple & multiform (It) 25555

multiple of skin, with arachnodactyly 20388

***etiology and pathogenesis***

develop. in cicatrix (Ger) 34558

trauma 16343

***experimental***

genitalia, female, caused by gradual thallium pois., in mice (Fr) 38724

***in infant and child***

case reports 851

***pathology***

histogenesis 11572

***surgery***

adequate excis. 27079

lower eyelid, Hughes technic (Ger) 28934

***therapy***

skin, radiother. & surg. 47841

## CARCINOMA, COLLOID

***case reports***

cecum, with meningeal gliomatosis, clin. pathol. conf. 19836

rectum, with anorectal fistula (Fr) 1457

## CARCINOMA, EPIDERMOID

cavernous of bronchi, differ. diag. & ther. (Ger) 2284

cervix, anatomopathol & clin. study, review (It) 21482

cervix, case reports & minimal ther. 43299

cervix, in situ 38598

cervix, in situ (Por) 53867

cervix, in situ, early diag. & ther. (Pol) 27609 27612

cervix, in situ, review (Sp) 8940

eyelids, surg. & radiother. (Ger) 38951

recur., of face, radiother. & surg. 53121

squamous cell carcinoma of larynx & pharynx, diag. & surg. 6341

ulcerated anaplastic & squamous-cell carcinoma of lungs (It) 6801

upper resp. & digestive tracts, x-ray & radium ther. & surg. (It) 53748

vulva, in situ 20064

***case reports***

anorectal junction 38998

anus 37953

chimney sweeps carcinoma of external ear (Rus) 37242

cornea, diag. & ther. (Fr) 2415

cutaneous epitheliomas of several histol. types in one patient & Bowen's dis. with laryngeal epithelioma in another (Fr) 36515

in situ of both cervices in dideiphic uterus 12392

intraepidermal acanthoma, clin. & histopathol. aspects 38863

intra-epidermal epithelioma of left temporal region (It) 19170

lip 32496

lip, with pulm. & osseous metastases (Rus) 33594

lung, with widespread metastases, clin. pathol. conf. 6534

perirectal squamous cell carcinoma, develop. from pseudoepitheliomatous hyperplasia after blastomycosis 21843

pharynx with recur. lymph node metastases (Ger) 22785

spinocellular epithelioma of base of tongue, surg. & recovery, 5-year follow up (Fr) 13077

squamous cell carcinoma of cervix uteri with adenocarcinoma of endometrium 48508

squamous cell carcinoma of larynx with granuloma 41074

squamous cell carcinoma of skin of nose with metastasis to heart 13685

Stensen's duct 46529

trachea 22803

vagina, in situ, following hysterectomy for epidermoid carcinoma in situ of cervix 12393

vulva, appearing after use of tar pomade for pruritus (It) 6826

***complications***

hyperparathyroidism-like synd. 36315

***differential diagnosis***

cervix, in situ (Sp) 22268

squamous cell carcinoma from keratoacanthoma 6997 48559

***experimental***

induction by methylcholanthrene in chickens, comparison with human keratoacanthoma 46362

***in infant and child***

eye, with xeroderma pigmentosum (It) 13141

***in pregnancy***

cervix, in situ, delaying of extensive diag. & ther. procedures until puerperal state (Sp) 20049

***metabolism***

cervix, in situ, histochem. 10003

nucleoprotein patterns in x-irradiated squamous carcinoma cells in oral smears 35653

vulva, glycogen content of epidermis, histochem. 46984

vulvar epithelioma, glycogen in tumor cells (It) 42566

***pathology***

cervix, localization (Ger) 11427

cervix, with endometrial involvement, case reports 7401

prickle cell carcinoma metastasis from skin to lymph nodes, histopathol. (It) 38863

sarcomatoid squamous-cell carcinoma of breast 17896

squamous cell carcinoma, primary of cervix, metastases to bone, case report 3931

squamous cell metaplasia with calcification in ameloblastoma 35358

***therapy***

cervix, in situ (Ger) 45947

radium in squamous cell carcinoma, interstitial implantation technics & indic. 29770

*CARCINOMA, SQUAMOUS CELL* ***see*** **CARCINOMA, EPIDERMOID**

## CARCINOMA, TRANSITIONAL CELL

***case reports***

kidney pelvis (It) 30302

papillary, of one ureter of horseshoe kidney 50115

ureter, clin. pathol. conf. 7443

## CARCINOSARCOMA

***case reports***

breast, pathol. 5641

collision tumor of tongue 22477

lung (Rus) 33591

uterus (It) 29691

***pathology***

histogen. of uterine carcinosarcoma in tissue culture 46980

## CARDIAC ARREST

***see also*** **DEATH, SUDDEN**

***see also*** **HEART BLOCK**

diag. & ther. 2367

etiol. & management 4326

etiol., diag. & ther. 28161

in anesth. & surg., early detection by miniature R-wave cardiac monitor 4524

in eye surg., causes & prev. 32531

in hypothermia, postresuscitation methods for heart rhythm normalization (Ger) 29108 29109

in surg. (Ger) 2671

in surg., ECG findings (It) 19156

in surg., prev. & resuscitation, surg. & pharmacol. problems (Hun) 30296

in surg., prev. & ther. (Sp) 8682

induced & spontaneous (Ger) 29036

induced, in gunshot wound of right ventricle & aorta with spontaneous develop. of hemopericardium preventing death by hemorrh. of blood into heart (Ger) 13053

induced in open heart surg. 2434

induced, in open-heart surg., mode of action of inducing agents, indic. & contraindic. (Ger) 47391

induced in open surg. of mitral insuff. 485

induced with potassium citrate in open heart surg. for congen. & acquired heart dis. 3370

reflex arrest during tracheotomy (Ger) 53354

review 43168

*case reports*

- cortical blindness with partial recovery after acute cerebral anoxia from cardiac arrest 23434
- during prep. for surg. on two different occasions, in 63-year-old man 45818
- in patient with pulm. tuberc., cholangiohepatitis, glomerulonephritis & myocardial sclerosis, clin. pathol. conf. (Sp) 43935
- in soccer player (Ger) 12077
- in stomach dehiscence surg. after gastrectomy, in Adams-Stokes synd. (Cz) 2738
- in suboccipital craniotomy for brain tumor 46055
- transient ventric. standstill with Adams-Stokes synd. (Sp) 6801

*etiology and pathogenesis*

- eunarcon anesth., with schizoid psychosis (Ger) 7380
- hypersensitivity to pituitrin inject. 14947
- reaction to local admin. of gentian violet-methyl green solution (Fr) 2408
- resp. tract obstruct., rapid diag. & ther. 23444

*experimental*

- acid-base changes in dogs with & without extracorporeal circ. 38001
- antifoam emboli following perfusion with heart-lung machine, detection in dogs 51343
- attempt on induction by inject. of acetylcholine & adenylic acid mixtures in coronary arteries in open heart surg. in hypothermia in dogs (Ger) 46568
- eff. on myocardial carbohydrate metab. during arrest & post-arrest perfusion of dog heart 1247
- evaluation of various cardioplegic methods using isolated guinea pig hearts 54759
- induced by acid-citrate-dextrose solution used as anticoagulant in blood transfusion 12847
- induced by potassium citrate, eff. on blood potassium levels in dogs after inject. into coronary circ. 5874
- induced in open heart surg. with cardiopulm. bypass, eff. of intracardiac pressure on lungs & myocardial funct. during total body perfusion in dogs 18119
- mechanism in standard exper. shock 4676
- technic of induced cardiac arrest & prev. of ventric. fibrill. in dog by intracoronary N-(2-diethylaminoethyl)-isonicotinamide & bethanechol chloride 12824
- with extracorporeal circ., perfusion technic in dogs (It) 42661

*in infant and child*

- clin. statist. 53508
- in newborn, ther., cardiac massage (Fr) 6403

*in pregnancy*

- during labor 10455

*physiology*

- intracardiac pressures in transitory cardiac arrest in hypersensitive carotid sinus synd. (Ger) 27185

*prevention and control*

- (Ger) 29037

*therapy*

- (Sw) 10178
- hypothermia in CNS inj. 1245
- management, case reports 21821
- management in surg. 2253
- management problems 7999
- perop., management 12858
- portable kit for resuscitation in surg. (Ger) 12882
- rapid relaxation of right auricle in arrest during surg. (It) 51986
- respiro-cardiac resuscitation, definition 24363
- resuscitation 37962
- resuscitation in perop. cardiac arrest, technic & indic. for thoracotomy & cardiac massage 33134
- resuscitation in surg. 18709
- resuscitation, massage & artif. resp. technics 18754
- resuscitation technics (Fr) 31948

***CARDIAC DILATATION*** *see* **CARDIAC ENLARGEMENT**

## CARDIAC ENLARGEMENT

*see also* **ENDOCARDIAL FIBROELASTOSIS**

- classif. (Fr) 54460
- etiol. & diag. problems in young adults (Fr) 43769

*case reports*

- familial (Fr) 54058
- idiopathic 36873
- idiopathic in young adult 22579
- idiopathic ventric. 16509
- primary (It) 11959
- probable tuberc. myocarditis in regressive cardiac insuff. & enlargement in long active pulm. tuberc. (Fr) 29140
- right ventric. hypertrophy with right-sided endocardial fibroelastosis & tricuspid stenosis 35624
- with congestive heart failure & pseudoxanthoma elasticum, clin. pathol. conf. 46906

*diagnosis*

- ECG (Sp) 8166
- ECG, deep S wave in leads V1, 2 & 3 in right ventric. hypertrophy 2893
- ECG in hypertrophy of conus arteriosus (Fr) 36676
- ECG in left ventric. enlargement with myocardial infarct, case report (Sp) 43883
- ECG in left ventric. enlargement with myocardial necrosis, case report (Sp) 43894
- ECG in left ventric. hypertrophy 36979
- ECG in left ventric. hypertrophy, U wave characteristics (Ger) 55545
- ECG in left ventric. hypertrophy, U wave characteristics (Sp) 36842
- ECG of right ventric. hypertrophy in pulm. stenosis 35628
- intracardiac ECG during catheterization (Fr) 7042
- vectorcardiography in right ventric. hypertrophy in congen. heart dis. (Sp) 31820
- vectorcardiography, T-E loop in left ventric. hypertrophy 454

*differential diagnosis*

- left ventric. hypertrophy, from aortic stenosis 12363

*experimental*

- glycogen content of heart in rats 31427
- induction by oral admin. of triiodothyronine in rats & mice 12551
- mechanism of induction in rats with phenylhydrazine anemia 15003
- oxidase activities of myocardial homogenates from affected rabbits (It) 32595
- protein fractions in hypertrophic hearts of rats 44105

*in infant and child*

- ECG diag. of ventric. hypertrophy in 1st year of life, statist. 1412
- left ventric. hypertrophy with myocardial anoxia, in inf. (Fr) 30470

*physiology*

- auric. rate with auric. flutter, relation to auric. enlargement, review & case reports 9973
- ECG, hemodynamic & anat. correlates in ventric. hypertrophy 36499

## CARDIAC GLYCOSIDES

*see also* **DIGITALIS**

*see also* **SQUILL**

*see also* **STROPHANTHIN**

- chem. of sugar moieties & distribution in plants, review (Ger) 27477
- erysimine, pharmacol. & ther. value (Ger) 53099
- of Convallaria majalis, isolation & properties (Ger) 13649
- of Convallaria majalis, pharmacol. (Ger) 13650
- pharmacol. (Ger) 33883

*antagonists*

- adrenal cortex hormones, theory & mechanisms (Ger) 30610

*determination*

- quantitative determ. by color reaction with 1,3-dinitrobenzene (Ger) 39893

*effects*

- coresime, in cardiovasc. system in animals (Rus) 3561
- eff. of chlorpromazine on reactivity (Rus) 39332
- erysimine on exper. coronary dis. (Rus) 49433
- hemodynamic eff. in normal humans during rest & exercise 16825
- inhib. of iodide transport in normal sheep thyroid & rat thyroid tumor slices 19803
- sensitivity in animals, eff. of hypothermia (Rus) 3560
- steroid lactones on funct. & potassium exchange in isolated perfused guinea pig ventricle 51074
- various types & combinations (Ger) 29481

*metabolism*

- duration of action, rate of inactivation & cumulative power 21346

*therapeutic use*

- Apocynum canabinum glycoside kendoside in congestive heart failure (Rus) 9892
- comparative evaluation of various glycosides (Rus) 18309
- congestive heart failure, indic. 48170
- congestive heart failure, indic. in child. 55073
- congestive heart failure, review 20492
- congestive heart failure, with glucose (Rus) 18311
- contraindic. (Ger) 33892
- corglicone & kendoside in congestive heart failure (Rus) 18310
- felsol in dyspnea of asthmatics & cardiacs (It) 39508
- khellicor in coronary insuff. (Ger) 19391
- rheum. heart dis., hemodynamic eff. of acute digitalization 26494
- Syrenia glycoside in congestive heart failure (Rus) 21900

***CARDIAC HYPERTROPHY*** *see* **CARDIAC ENLARGEMENT**

## CARDIAC MURMURS AND SOUNDS

*see also* **STETHOSCOPE**

- accid. systolic cardiac sounds accompanying flow rate changes in pulm. artery (Ger) 55537
- auscultation 18403, 30408
- cathode ray oscilloscope analysis of normal & pathol. cardiac sounds (Cz) 14769
- correlation with election dynamics of right ventricle 14980
- correlation with pressure during left heart catheterization 14975
- endocardial & intimal jet lesions as site of origin of cardiac murmurs 14971
- fetal electrocardiophonography (Ger) 34587
- gallop rhythms, summation factors, differ. diag. intergretation (Ger) 55550
- gallop sounds 14984
- mammary souffle of pregn. simulating patent ductus arteriosus 14987
- normal systolic murmur 14988
- origin based on sequence of cardiodynamic events 14973
- phonocardiography 18389
- phonocardiography, deep frequency, determ. of presystolic sounds & presphygmic period (Ger) 53084
- phonocardiography, fetal (It) 29620, 29621
- phonocardiography, fetal (Sp) 22270, 22274
- phonocardiography, fetal, normal & pathol. patterns 12416
- phonocardiography, fetal, technics & clin. value 14224
- phonocardiography in child. (Rus) 53035
- phonocardiography, in normal subjects, correlation with esophagogastriograms (R) 3884
- phonocardiography, intracardiac, correlation of mechanical, acoustic & electrical events of cardiac cycle 14970
- phonocardiography, intracardiac, present status 14978
- phonocardiography, methods, interpretation & diag. value (It) 36211
- phonocardiography, new method of recording high frequency vibrations of catheter 23643
- phonocardiography of funct. systole murmur (Sp) 20620
- phonocardiography of pulm. valve sound 14979
- phonocardiography, postop., of systolic murmur of mitral & pulm. infundibular stenosis after valvotomy & infundibular resection 14038
- phonocardiography, principles (Fr) 21506
- phonocardiography, selective, technic (Ger) 51699
- phonocardiography, unequal projection of frequencies of a murmur, importance in topographic diag. of lesions (Rus) 44009
- phys. basis of cardiovasc. sound 55889
- pistol-shot & Korotkoff sounds, origin 14974
- precordial murmurs during pregn. & lactation 7425
- recording with tape-recorder & oscilloscope device 53395
- relation to asphyxia neonatorum 48259
- 2nd heart sound, mechanism of fixed splitting 14981
- 2d heart sound, physiol. splitting 14982
- systolic clicks, clin., phonocardiographic & hemodynamic evaluation 35619
- ventric. gallop induced by peripheral pooling of blood by venous occlusive tourniquets 14035

*in various diseases*

- aortic stenosis, diag. & clin. value (Fr) 31086
- aortic stenosis, phonocardiography (It) 49578
- arrhythmia, tripling of sounds induced by Valsalva & other maneuvers affecting diastolic load (It) 3846
- auric. septal defect, diag. value (Ger) 11009
- auscultation in coarctation of aorta, origin & interpretation 13314
- auscultation in mitral stenosis, interpretation (Ger) 46148
- auscultation in pericardial effusion & ventric. aneurysm 14986
- Austin-Flint murmur, differentiation from murmur of rheum. mitral stenosis 14985
- carotid auscultation in left-sided intracardial thrombosis (Ger) 39017
- congen. cardiovasc. defects 4021
- congen. cardiovasc. defects in newborn 53540, 53542
- diastolic sounds in various heart dis., diag. value 6533
- ductus arteriosus in newborn, progn. 53541
- 1st heart sound in mitral stenosis, tricuspid component 14983
- intracardiac phonocardiography in mitral & aortic valve lesions 14977
- mitral stenosis, correlation with ECG 26488
- mitral stenosis, significance of opening snap (Rus) 53036
- mitral stenosis, stethoscopy (Fr) 29141
- phonocardiography & auscultation in pulm. stenosis 24330
- phonocardiography in auric. septal defect, external & intracardiac phonocardiograms 24353
- phonocardiography in congen. cardiovasc. defects (Fr) 54035
- phonocardiography in mitral commissurotomy for stenosis, preop. & postop. readings (It) 5794
- phonocardiography in mitral stenosis (Ger) 22902
- phonocardiography in mitral stenosis, new technic for hearing diastolic sounds & presystolic murmurs (Sp) 8675

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

phonocardiography in trilogy & tetralogy of Fallot (It) 43627

phonocardiography in various pediatric pathol. cond., characteristics (It) 42802

phonocardiography of apical diastolic murmurs in pure mitral insuff. 46867

presystolic murmur in auric. fibril. (Rus) 18308

**CARDIAC SEPTUM**

***abnormalities***

auric. & ventric. defects, isolated 10504

auric. & ventric. defects with patent ductus arteriosus & transductal shunt, case report (Fr) 7045

auric. & ventric. septal communications, progn. & ther. (Fr) 29212

auric. & ventric. septal defects, combined, case reports 24326

auric. & ventric. septal defect, graded pulm. vasc. changes & hemodynamic findings 38494

auric. & ventric. septal defects, relation between structural changes in small pulm. arteries & immediate reversibility of pulm. hypertension after closure 38495

auric. & ventric. septal defects, surg., postop. cardiac arrhythmia 14966

auric. & ventric. septal defects with left to right shunt & pulm. stenosis 24869

auric. septal defect 24348

auric. septal defect (Dut) 7287, 52511

auric. septal defect, angiocardiography (It) 42622

auric. septal defect caused by persistent ostium primum, case report (Fr) 35031

auric. septal defect complicated by subacute bact. endocarditis (Por) 8782

auric. septal defect, correlation of ECG & hemodynamics 24352

auric. septal defects, correlation of pulm. artery pressure & heart x-ray image (Fr) 35028

auric. septal defects, demonstration by intravenous inject. of carbon dioxide gas 35795

auric. septal defects, diag. & surg. (Fr) 43739

auric. septal defect, diag. significance of heart tone & venous pulse (Ger) 11009

auric. septal defect, ECG-hemodynamic correlation (Sp) 25073

auric. septal defect, ECG manifest. 24351

auric. septal defect, exper. study (Rum) 44007

auric. septal defect, external & intracardiac phonocardiography 24353

auric. septal defect in adults, physiol. 24350

auric. septal defects in dogs, surg. (Ser) 10914

auric. septal defect in 63-year old woman & her 31-year old son, hered. aspects 28286

auric. septal defect in two sisters, familial homogeneity 38018

auric. septal defect, isolated clin. & hemodynamic aspects (Rum) 43999

auric. septal defects, percp. ECG (It) 19163

auric. septal defect, procaine inject. into sino-atrial node during surg. causing ECG changes (It) 29560

auric. septal defect repaired with inferior vena cava with undetected abnorm., surg. correction of postop. diversion of caval blood into left atrium, case report 54915

auric. septal defect secundum, surg. 51159

auric. septal defect, surg. 11887 14273 15539 24355 40297 42502

auric. septal defects, surg. closure with polyvinyl formalinized sponge in open heart surg. with hypothermia (Ger) 54940

auric. septal defect with brain abscess, surg. (Fr) 19775

auric. septal defect with congen. pulm. stenosis, hemodynamic & surg. aspects 42510

in fowls 41845

left ventric. & right auric. shunt, surg., postop. bradycardia 1243

ostium primum synd., review 174

persistence of valvular opening in fossa ovalis, diag. & postmortem pathol. (It) 1492

persistent common atrioventric. canal, diag. & pathol. (Fr) 7044

persistent ostium primum atrial septal defect, case reports 34967

persistent ostium primum with other cardiac involvement (Sp) 8807

progr. histopathol. changes in pulm. arteries in hypertensive pulm. dis. with congen. septal defects 2900

pulm. circ. in (It) 7743

septal defects, diag. by combined cardiac catheterization & cineangiocardiography 24354

ventric. communication & other septal defects (Sp) 21147

ventric. septal defect, case report of relative diminution in 1st 3 years of life 35030

ventric. septal defect, correlation of angiocardiographic signs & pressor findings (It) 29687

ventric. septal defects, diag. 49186

ventric. septal defect, differentiation from patent ductus arteriosus with pulm. hypertension 14981

ventric. septal defects, ECG & vectorcardiography, review (Sp) 36837

ventric. septal defect, ECG aspects 34988

ventric. septal defects in chickens, pathol. 17887

ventric. septal defect in child., correlation of clin., physiol. & autopsy data 14957

ventric. septal defects, relation of medial thickness of small musc. pulm. arteries to postnatal survival in inf. 54916

ventric. septal defect, surg. 26121

ventric. septal defects, surg., 2-stage technic in inf. 52623

ventric. septal defect with absence of pulm. valve, case report 12264

ventric. septal defect with aortic insuff., case reports 24338

ventric. septal defect with aortic insuff., review & case reports 24337

ventric. septal defect with congen. pulm. stenosis & left-to-right shunt (Ch) 36370

ventric. septal defect with patent ductus arteriosus, case reports (Sp) 1553

ventric. septal defect with severe pulm. hypertension, surg. 51157

***anatomy and histology***

surg. anat. (Rus) 10745

***diseases***

microgranular calcifications in auric. wall resected in mitral commissurotomy (It) 39687

***hemorrhage***

hematoma of interauric. septum with dissecting necrosis of media of aorta, pathol. (Fr) 36672

***perforation***

ventric., clin. manifest. & pathol., review (Ger) 11174

***physiology***

septal activation in electrogenesis of unipolar morphol. in bundle branch block, eff. of total extirpation of free ventric. wall 35627

***radiography***

Kerley's x-ray lines (Ger) 22956

septal lines in mitral stenosis 3656

***rupture***

traum. rupt. of ventric. septum, diag. by cardiac catheterization 14967

ventric., after myocardial infarct (Rus) 18207

ventric. caused by myocardial infarct, antemortem diag. 17292

ventric., in myocardial infarct, surg. repair, case report 34881

**CARDIAC VALVES**

***see also*** **AORTIC VALVE**

***see also*** **MITRAL VALVE**

***see also*** **PULMONARY VALVE**

***see also*** **TRICUSPID VALVE**

design & fabrication of prosth. valves 18725

***abnormalities***

defects, assessment by dye dilution curve (Ger) 26486

doubling of atrioventric. valves 55655

***diseases***

calcification, diag., cineradiography 31646

chronic dis. following nonfatal brucellosis 1165

hyperplastic, atrophic & dystrophic changes caused by aging (It) 39661

in pregn., surg. indic. & management (Fr) 9032

relation to congen. heart dis. & pulm. tuberc. (Sp) 43861

relation to premenstrual tension, statist. & ther. (It) 6786

**CARDIOLIPIN**

evaluation in syphilis diag. (Pol) 29507

improved emulsion of cardiolipin-synthetic lecithin antigen for Kline test, evaluation 22143

lecithin in cardiolipin complement-fixation antigen, eff. of variation of concentration & origin 14181

structure 19591

substitution by unsaturated α-phosphatidic & α-biphosphatidic acids in serodiag. of syphilis 47695

**CARDIOLOGY**

Am. Heart Assoc. Research Program 2897

contribution of Louis Gallavardin, bibliog. (Fr) 5339

Czech. Cardiol. Society, hist. & funct. 31788

department of cardiopulm. physiol. in Hôpital Ste-Justine, Montreal (Fr) 2533

explanation in cardiol. practice 38484

instantaneous cardiac exam. & consultations from distant point by radio & teleradiophotography (Fr) 31108

past & present impressions of Harvey's work (Sp) 44571

progr. (Fr) 41107

***apparatus and instruments***

measurement range adjuster for simultaneous registration of diastolic & amplitude pressure difference in left ventricle (Ger) 30523

portable heart rate recorder 16844

**CARDIOSPASM**

cardial achalasia 32288

diag. & clin. manifest. (Rus) 9895

diag. & ther. 28536

x-ray manifest. & surg. (Por) 50084

***case reports***

achalasia of cardia with cancer of esophagus & hypertrophic pulm. osteoarthropathy 37716

***differential diagnosis***

cancer of esophagus, x-ray differ. diag. 27081

***etiology and pathogenesis***

(Ger) 29796

***experimental***

pathogenic mechanisms in dogs & rabbits 5865

***surgery***

cardial stenosis (Sp) 2934

esophagocardiomyotomy, Heller technic (Por) 8753

Heller's cardiomyotomy in esophageal achalasia 18456

Heller's operation in idiopathic cardiospasm (Ger) 29017

modified Heller operation (Sp) 30995

technics 12776

transpleural esophago-fundal anastomosis causing postop. anemia (Rus) 6007

**CARDIOVASCULAR DEFECTS, CONGENITAL**

***see also*** **CARDIAC SEPTUM, *abnormalities***

***see also*** **COARCTATION OF AORTA**

***see also*** **DUCTUS ARTERIOSUS, PATENT**

***see also*** **ENDOCARDIAL FIBROELASTOSIS**

***see also*** **MITRAL STENOSIS**

***see also*** **PULMONARY STENOSIS**

***see also*** **TETRALOGY OF FALLOT**

abnorm. drainage of pulm. veins, pulm. artery venous pressure (It) 49576

absence of right branch of pulm. artery, review & case report (Sp) 36838

anomalies of major systemic blood vessels & pulm. veins (Ger) 23011

asympt. & acyanotic, diag. & surg. 18652

cardiac catheterization, diag. & ther. value (Ger) 42303

classif. (It) 7736

clin. aspects & surg. indic. (Fr) 31951

combined & unusual malform., incidence & case reports (It) 20181

cor triatriatum, left bi-auric., diag. & case report (Fr) 7056

cor triloculare biatriatum, with bulbar cavity, review 16054

cor triloculare-biventriculare, diag. & surg. 54682

dextrocardia, diag. & surg. aspects (It) 6912

dextrocardia with bronchopulm. abnorm. (Sp) 44542

diag. & ther. (Rus) 20268

ductus cuvieri & venae revehentes hepatis persistens (Ger) 23116

early diag. & surg. indic. 54884

Ebstein's dis., review (Sp) 8793

Eisenmenger complex 2204, 2224

etiol. & differ. diag. of cyanosis of cardiopulm. origin 23387

hypoplastic left heart synd. 30414

in pulm. tuberc. patients (Fr) 43778

manifest. & surg. 6544

persistent common atrioventric. canal & ostium primum 30410

primitive trigeminal artery (Ger) 15877

progn. value of cardiac murmur in newborn 53540, 53542

pulm. stenosis with left to right shunt, diag. & case reports 24869

right division of bulbus cordis with circ. disord. (Rus) 20293

transposition of aorta & pulm. vessels (Sp) 21147

transposition of great vessels, diag. & surg. 30418

transposition of great vessels with cyanosis 14665

***blood in***

intravasc. erythrocyte aggregation 47492

platelet abnorm. & impaired hemostasis (Fr) 9007

***case reports***

abnorm. of coronary arteries 47847

absence of pulm. valve with ventric. septal defect 12264

anomalous course of left pulm. artery causing obstruct. emphysema in inf. 41270

anomalous left coronary artery arising from pulm. artery 35618

anomalous origin of coronary from pulm. artery (Dan) 7487

anomalous pulm. artery with intralobar bronchopulm. sequestration 19829

anomalous pulm. venous drainage in right atrium through coronary venous sinus assoc. with interauric. septal defect & with tetralogy of Fallot (It) 42630

Chiari's network 12362


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

complete interruption of aortic arch 41369

complex cardiovasc. anomalies with situs inversus totalis 12217

dextrocardia with bundle branch block & myocardial infarct in 89-year old woman, ECG 24360

dextrocardia with hypoplasia of right pulm. artery & anomalous drainage of right pulm. vein 443

Ebstein's dis. 41419

ectopia cordis in twin 46509

Eisenmenger complex with dextrocardia & diverticulum of left ventricle 48150

Eisenmenger complex with patent ductus arteriosus & coarctation of aorta in adolescent girl (Hun) 43445

Eisenmenger complex with right-sided aortic arch & absence of left pulm. artery diagnosed during life 54917

extrathoracic heart (Por) 4352

hypoplasia of left heart & aorta with primary pulm. hypertension (Fr) 7047

in one of identical twins 1411

in one uniovular twin (Ger) 34214

intralobar bronchopulm. sequestration with congen. absence of pericardium, review 17911

levocardia with lung agenesis (Ger) 41598

malform. of conduction system with complete auric.-ventric. block 34991

multiple abnorm. of heart, aorta & pulm. vessels, clin. & post-mortem pathol. (It) 42497

multiple cardiovasc. abnorm. (Rus) 3410

multiple heart & lung abnorm. (Sp) 25674

multiple intracardiac defects with coarctation of aorta & patent ductus arteriosus 12265

partial transposition of pulm. veins with drainage into right heart (Rum) 44003

patent ductus arteriosus with interventric. & interauric. communication, pulm. hypertension & shunt across ductus arteriosus (Fr) 7045

patent foramen ovale with pulm. stenosis, angiocardiographic features 12306

persistent ostium primum with other cardiac involvement (Sp) 8807

pseudotruncus arteriosus with arachnodactyly & brain abscess (Hun) 52889

single ventricle with transposition of great vessels (Sp) 8224

superior vena cava & azygos abnorm. with coarctation & hypoplasia of descending thoracic aorta (Fr) 1469

Taussig-Bing synd. with complete absence of interauric. septum & common auriculoventric. orifice (It) 25533

tricuspid stenosis with right ventric. hypertrophy & right-sided endocardial fibroelastosis 35624

unusual cases (Rus) 28703

with funnel chest (Fr) 7051

with pulm. hypertension & mitral stenosis, correlation of hemodynamic & lung biopsy data 42511

with situs inversus of gastrointestinal system (Rus) 55270

***complications***

bact. endocarditis in child., statist. 20358

hemorrh. diathesis (Dut) 7301

mongolism 50055

pulm. hypertension (Fr) 54044

pulm. hypertension & vasc. change 46541

pulm. hypertension, causing pathol. changes in lungs 48165

pulm. hypertension, mechanism 14039

pulm. stenosis, surg. indic. & technic (Por) 18821

pulm. thrombosis, etiol. in cases of cyanotic congen. heart dis. with pulm. stenosis 10315

pulm. thrombosis in cyanotic congen. heart dis. without pulm. hypertension 5640

rheum. heart dis. assoc. with Lutembacher's synd. 46854

***diagnosis***

(Bul) 28745

accurate diag. (Sp) 33014

angiocardiography (Fr) 32594

angiocardiography, selective (Fr) 30464

anomalous pulm. venous drainage, diag. value of bronchospirometry 12343

anomalous pulm. venous return, x-ray (Ger) 3608

ballistocardiography (Rum) 43997

ballistocardiography (Sp) 53352

Bland-White-Garland synd., angiocardiographic findings 811

cardiac catheterization 30410

cardiovasc. funct. tests, indic. & technics (Fr) 54034

cine-cardio-angiography & cardiac catheterization 30411

comparison of clin. factors with blood gases & oxygen in cyanotic dis. (Rus) 10237

cor triatriatum sinistrum, x-ray findings 813

early diag. in infancy & immediate surg. 42507

ECG, extreme QRS deviations (It) 42801

ECG in levocardia, relation of P wave to situation of auricles (Sp) 25669

ECG in malposition of heart, rotated clockwise (Sp) 8223

intra- & extracardiac shunts, detection by circ. studies using radioisotopes 50202

Lutembacher synd. (Rum) 44006

phonocardiography in young child (Fr) 54035

resp. funct. test of induced hyperventilation in inf. (Fr) 12002

resp. sympt. in newborn 47490

review 7851

30412

simple routine methods in cardiol. exam. center (Ger) 42928

spirography with oxymetry (Ger) 24232

tracer method for localization of left-to-right shunts 41872

vectorcardiography in right ventric. hypertrophy in congen. heart dis. (Sp) 31820

venous angiocardiography, washing off of opaque blood sympt. (Rus) 10788

vertebral & azygos venous opacification after inject. of opaque medium into saphenous or femoral veins 814

x-ray 29750

x-ray diag., exam. of non-selective radionegatives in mass x-ray survey, statist. (Fr) 48357

***differential diagnosis***

tuberc., pulm. (Ger) 34335

use of schematic graphs & charts (Ger) 15297

***epidemiology***

in Sweden 48145

***etiology and pathogenesis***

48146

(Fr) 41136

maternal rubella, case in premature inf. (It) 42806

***heredity***

case reports 52604

genetics in siblings 48147

***manifestations***

cardiac murmurs in child. 4021

cardiac thrills, graphic recording & diag. value (It) 52087

trilogy & tetralogy of Fallot, phonocardiographic manifest. (It) 43627

truncus arteriosus, partial persistence, manifest. in adult man (Ger) 11962

x-ray manifest. of hyperafflux in pulm. & contralateral fields, Giano's synd., case reports (It) 29728

***pathology***

brain (Rus) 28808

Ebstein's dis., physiopathol. (Ger) 383

Ebstein's dis., postmortem pathol. 23958

Eisenmenger's complex, histol. changes in pulm. vessels 51027

Lutembacher synd., physiopathol. 24349

morphol. changes in pulm. arteries 20683

persistent common atrioventric. canal 12220

thoracoangus heart, morphol. (Ger) 23113

***physiology***

change between left heart block & normal QRS groups with coronary T waves in anomaly of cardiac stimulation (Ger) 34186

drop heart, hemodynamics with subject at rest (Ger) 55516

ECG analysis of pressure & volume tolerance of right ventricle (Ger) 1316

eff. of air travel (Fr) 29235

eff. of defect on course of pregn. & labor (Rus) 45108

pulm. circ. (Ger) 1314

relation to acquired cardiovalvular dis. & pulm. tuberc. (Sp) 43861

***surgery***

(Bul) 28746

acyanotic lesions, results 51043

anomalous venous drainage, atriocaval anastomosis, technic 54683

auric. communication with abnorm. junction of right pulm. veins with right auricle, surg. correction under hypothermia, case report (Fr) 51380

cardiopulm. bypass, technic of monitoring & control of blood oxygen tension & pH during total body perfusion 18115

corrected transposition of great vessels 23646

corrected transposition of great vessels, embryol. explanation & description of main anat. features & varieties 35625

corrected transposition of great vessels of heart, clin. & autopsy findings 459

drainage of pulm. veins into coronary sinus at junction with persistent left superior vena cava, case report 5878

Eisenmenger complex, surg., artif. constriction of pulm. artery (Rus) 10738

hypothermia (Bul) 28733

hypothermia in open surg. in auric. defect & valvular pulm. stenosis (Ger) 29039

indic. (Sp) 21119

indic. & results (Sp) 8712

indic. & technics 10447

open heart surg., comparison between extracorporeal circ. & hypothermia 44849

open surg. using heart-lung appar. (Ger) 29042

postop. pneumonia, pathogen. (Rus) 27305

progr. 40434

pulm. venous abnorm. with septal defects, surg. technics 54914

selection of patients 2887

## CARDIOVASCULAR DISEASES

***see also*** **HEART DISEASES**

***see also*** **MALIGNANT CARCINOID SYNDROME**

***see also*** **VASCULAR DISEASES, PERIPHERAL**

calcification 4017

cardioresp. synd. of extreme obesity 18464

45044

cardiovasc. compl. in major surg. 46530

connective-microvasc. synd., clin. manifest. & develop. as clin. entity (Sp) 21798

diag. & surg., review (Fr) 24257

diag. & ther., review 18680

eff. of air travel on patients (Fr) 29235

emergency diag. & ther. of naval personnel aboard ship (Fr) 31946

etiol. & ther. relation to nutrition 27956

life insurance for cardiovasc. dis. patients 31246

31251

perop. cardiovasc. disord. (Fr) 426

precordial pains with hyperesthesia, funct. & psychogenic aspects (Nor) 45426

prev. & epidemiol. (Ser) 51687

selective placement & follow-up of indust. employees with cardiovasc. dis. 13675

soc. aspects (Ger) 38979

43318

vasculitis, allergic (Fr) 979

working capacity, determ. (Rus) 33251

***blood in***

eff. of blood sugar changes on orthostatic ECG (Ger) 49029

***case reports***

with arachnodactyly (Fr) 53416

with polythelia 48155

***complications***

hyperergic panvasculitis in multiple symmetric bone & skin necrosis (Ger) 25297

shock 17672

syncope (Ger) 54370

***diagnosis***

basic concepts (Ger) 23024

bronchography, in child. 36280

calorimetry (Ger) 18986

diag. errors, statist. aspects (Nor) 45428

ECG, changes in U wave & TU segment (Sp) 21113

exercise, value of patient-physician consultation 10438

jugular & hepatic venous pulse measurements, technic (It) 42402

Master's 2-step test, clin. re-evaluation 38041

nitrous oxide test of circ. shunts, improved technic for quantification of shunts 14959

oximetry with blue dilution curve determ. (Dut) 29954

stable cuvette of high sensitivity for indicator dilution curves 48151

thromboelastography (Fr) 35605

***differential diagnosis***

diaphragmatic flutter (Sp) 36841

***etiology and pathogenesis***

arteriosclerosis, incidence in E. China & relation to serum cholesterol 48602

asthma, in adults, manifest. & ther. (Fr) 43734

cardiovascullitis after cortisone ther. in rheum. arthritis (Ger) 11209

cholesterol metab. disord. 22723

diabetes mellitus (Dut) 37028

diabetes mellitus (Ger) 51817

diabetes mellitus (Pol) 30855

diabetes mellitus, review (Por) 39993

diabetes mellitus, statist. classif. of peripheral & central vasc. dis. 28965

diabetes mellitus, ther., 3-methyl-hydroxyethyl amino-2-hydroxy-propyl-theophylline nicotinate (Ger) 52249

diaphragmatic hernia, case reports (Fr) 43788

diphtheria, malignant, early manifest., case report (Fr) 431

environmental factors 37822

hypertension, evolution & significance of cardiovasc. changes 16675

influenza, Asian A 1160

influenza causing unusual compl., ECG & x-ray manifest. (Fr) 43753

malnutrition, review (Ger) 29795

occup. factors (Rus) 39577

smoking, prev. (Ger) 15329

***experimental***

DOCA-induced hypertensive cardiovasc. dis. in sensitized rat, eff. of electroshock stress 45379

induction by dihydrotachysterol & calcium acetate sensitization 35622

***heredity***

familial case reports & transm. studies (It) 223

genetic aspects 1164

***in aged***

prev. (Fr) 9050
ther., bile acid (Ger) 22881
ther., nikethamide alone & with synergistic drugs (It) 39519
ther., pentaerythritol (Fr) 45032

***in infant and child***

clin. pathol. conf. 17922
complicating diabetes mellitus, review (Hun) 39744
diag., phonocardiography (It) 42802
rare primary dilat. of large vessels, x-ray diag. (Hun) 49810

***in pregnancy***

advanced vasc. dis. in pregn. diabetics, management 2984

***manifestations***

asthma, ther. 18798
changes in fundus oculi in arteriosclerotic vasc. dis., hypertension & vasc. compl. of diabetes (Fr) 54623
hemoptysis in older men, incidence 49774

***metabolism***

trace elements 49986

***physiology***

cardiac output (Fr) 54162
eff. of psychogenic factors on resp., blood pressure & EKG (Ger) 54319
hemodynamic disord. in arrhythmia caused by AV dissociation 9464
oxidation-reduction potential in saliva (Dut) 12045
resp. (Rus) 22155
temporal pulse form in early circ. regulation disord. (Ger) 30586

***prevention and control***

diets (Ger) 42380
in Europe 28174
mass mobile x-ray survey in Wisconsin, statist. 11064
mass surveys, controlled evaluation 20880

***psychology***

ment. disord (Fr) 15808
neuroses, genetic & constitutional aspects (Cs) 2780
psychopathol. manifest. (Ger) 6691

***statistics***

age & sex incidence 10240
in Minnesota indust. workers 42821
in W. Germany (Ger) 35236
incidence of types by age group in male & female, review 50163
mortal., in Finland (Fin) 27282
mortal. in various countries, geographic variations 14476

***surgery***

postop. coronary thrombosis & myocardial infarct, statist. 15552

***therapy***

acetyldigitoxin, indic. (Fr) 54060
acute, indic. (Ger) 53301
adrenal cortex hormones (Ger) 42937
anticoagulants (Fr) 31949
early ther. in circ. disord. (Ger) 22829
exercise ther. (Rus) 33491
hormones, review (Rus) 33622
hydrother., Kneipp method (Ger) 16101
iodine in sclerotic & thrombotic dis., eff. on serum cholesterol & lipoproteins (It) 29669
neostigmine with phenobarbital in orthostatic disord. (Ger) 54322
nursing serv. outside hosp. 53654
oxygen (Rus) 33230
rehabil. (Ger) 13378 13379
rice diet in diabetic vasc. dis. 20510
sex hormones (Dan) 10612
symposium 2896 19917

## CARDIOVASCULAR SYSTEM

***see also*** ANGIOCARDIOGRAPHY

***see also*** ANGIOGRAPHY

***see also*** BLOOD VESSELS

***see also*** HEART

***effect of drugs on***

arterenol in exper. hypertensive rats, eff. of pretreatment with 17α-propylestrane-17β-ol-3-one 47730
arterenol, nicotine & reserpine 2036
caffeine, caffeine-free & caffeine-containing coffee on dynamics in man, new findings (Ger) 46794
camphor, nicotinic acid diethylamine & pentylenetetrazole, comparison in dogs (Rus) 3569
chloroquine, in dogs 48730
cropropamide-crotethamide prep. in anesthetized dogs (Fr) 37761
dicarbohydrazine-dihydrazine-cobalt (Rus) 53127
1,2-dichloroethane - carbon tetrachloride prep. in rabbit (It) 27467
4,4-ethylmethylglutarimide as cardioresp. analeptic, pharmacodynamics & oral admin. (Fr) 9509
3-(1-hexahydroazepine)-propionyl hydrazide, mechanisms 17932
hypotensive drugs (Rus) 39330
ipronizid in rabbits (Ger) 27849
lysergic acid diethylamide on circ. reflexes in cats (Ger) 27854
2-methoxy-10-(3-dimethylaminopropyl)phenothiazine (Fr) 36591 26683
methypryion 12968
potassium chloride on ECG & blood pressure after intracisternal admin. in dogs 35699
pressor amines, review 47338
reserpine, response to sympathomimetic amines in dog (Fr) 15093
1,1,1-trifluoro-2-bromo-2-chloroethane 14566
1,1,1-trifluoro-2-bromo-2-chloroethane anesth. in child 14045
1,1,1-trifluoro-2-bromo-2-chloroethane in dogs 35884

***effect of radiations on***

radiophosphorus, on funct. (Rus) 10805
x-rays, on receptor appar. (Rus) 37231

***function tests***

(Ger) 23019
cardiopulm. tests in normal cond. & in lung dis. (Ger) 22353
hydergine cardiocirc. test for evaluation of surg. risk (It) 1097
in armed forces personnel, mobile laboratory (It) 19206
precp. m-norsynephrine test of surg. patients (It) 39514
step test, cardiocirc. & resp. behavior in subjects differently trained to phys. exercise (It) 9382 9384

***in various diseases***

anemia of pregn., circ. adaptations, eff. on phys. working capacity 23823
asthma (Fr) 37935
asthma, ther. of cardiovasc. compl. (Fr) 31074
infect. hepatitis (Rus) 7885
Marfan's synd. (Fr) 26364
meningeal tuberc. in child., eff. of streptomycin (Rus) 31227
periodic paralysis (Sp) 53926
polio. (Rus) 21887
rheum. fever (Rus) 30281
scarlet fever, eff. of early discharge from hosp. (Rus) 30284
silicosis, ECG manifest. (Fr) 43745
tuberc., pulm., evaluation of cardiovasc. activity & oxygenation as precp. medication (It) 42656
virus dis. (It) 8658
virus dis., review (It) 36972

***innervation***

sympathetic reactions to total spinal anesth. in dogs (Fr) 15106

***neoplasms***

review (Rus) 32588

***pathology***

attempted exper. induction of cardiovasc. lesions similar to those appearing in malignant carcinoid synd. (It) 1878
changes caused by electrocution (Fr) 31061
composition of lipids isolated from aorta, coronary arteries & circulus Willisii of atherosclerotic individuals 52369

***physiology***

adjustment to exper. femoral arteriovenous fistula in dogs 14994
appar. for local exclusion of blood supply from internal organs (Rus) 1770
eff. of acute central vasc. engorgement in normal subjects on circ. & lungs 49187
eff. of cigarette smoke on hemodynamics in dogs 5740
eff. of deglutition, age factor (Rus) 49535
eff. of direct stimulation of carotid sinus nerve 35388
eff. of drowning in cats & dogs 38099
eff. of exper. prod. of right pulm. circ. excluding right heart in dog (Fr) 26809
eff. of hypothermia induced by refrigeration, control & ECG & cardiac catheterization (Fr) 39824
eff. of ligation of a principal branch of pulm. artery on hemodynamics in dogs (It) 39678
eff. of shock induced by citrates in dogs (Rus) 52979
eff. of stimulation of various points of cerebral cortex in sheep 20636
funct. abnorm. caused by Rickettsia typhi toxin inject. into rats 17411
in aged (Fr) 9051
in child. of preschool age (Rus) 7926
in labor 20087
mechanisms of cardiovasc. response to electroshock in dog 75
relation between positive G tolerance & cardiovasc. response 28206
relation of circ. rate to structure of vasc. wall & capillary permeability (Ger) 2436
research, dangers from improper use of analogs, models & equations 14989
responses to passive tilting in humans, eff. of dehydration, phys. conditioning & heat acclimatization 16833
vasc. eff. of stool straining 24362

***surgery***

15264 15265
(Ger) 14953
errors & hazards (Rus) 10747
hypothermia 15538
in China (Rus) 51168
indic. 18723
indic. (Ger) 30988
indic. (Sp) 21119
open heart surg. with induced cardiac arrest by potassiumdtrate in congen. & acquired dis. 3370
organiz. of a thoracic & cardiovasc. division in private hosp. 31515
perop. & postop. peripheral circ. (Ger) 29081
perop. & postop. pulm. edema, pathogen. & ther. (It) 11823
perop. oximetry, in prev. of postop. ventilation disord. (Por) 53881
resp. involvements, ther. (Rus) 10742
review 18681
review (Fr) 24261
technic with hypothermia 50604
technic with hypothermia, exper. & review 45060

***wounds and injuries***

lacerations of great vessels of upper thorax & base of neck, management 10090
surg. (Ger) 14953

## CARNOSINE

***effects***

on glycolytic oxi-reduction with phosphorylation (Rus) 1722

***metabolism***

carnosine phosphate as phosphate donor in musc. contraction 19491

## CAROB

***effects***

flour in diet of premature inf., eff. on digestion of lipids, growth & incidence of enteritis 39733

***therapeutic use***

prev. of gastrointestinal disord. in inf. (It) 2975

## CAROTENE

***see also*** VITAMIN A

***determination***

in food (Ser) 39709
in margarine containing sesame oil, spectrophotometry 28061
in unsaponifiable fraction of uredospores of wheat rust 2560

***effects***

β-carotene, induction of vitamin A2 resynthesis in Gambusia holbrooki (Fr) 48911
β-carotene on vaginal epithelium of vitamin A defic. rats 20782

***in blood***

age-dependent & seasonal variations of content in normal & various pathol. cond. (Ger) 11173
determ., erratic results caused by hemolysis & reagent impurity 26570
in healthy child. (Rus) 43557
in pernicious anemia 50723
in tuberculotics during chemobiotic ther. (It) 333

***metabolism***

(Rus) 22673
biol. value of natural carotene sources & oily carotene solutions 28058
blood & milk in cows, annual curves (Cz) 48620
β-carotene in pregn., labor & puerperium, comparison (Ger) 40184
eff. of different dietary proteins 28057
eff. of ionizing radiations on carotene content of food products (Rus) 33624
incorporation of carbon dioxide, acetic acid & 3,5-dihydroxy-3-methyl-valeric acid into β-carotene in illuminated etiolated maize seedlings 37063

## CAROTID BODY

blood supply & distribution of carotid body tissues in various birds 46545
eff. of stimulation of chemoreceptors on heart rate in dogs 28023
fine structure 12926

***neoplasms see*** PARAGANGLIOMA

## CAROTID SINUS

***anatomy and histology***

pressure receptor histol. in normal & in hypertensive patients (Ger) 35254

***diseases***

carotid sinus hypersensitivity synd., intracardiac pressure in transitory cardiac arrest (Ger) 27185
irritability causing syncope, cardiotahib. mechanism 19800
sinus synd., caused by vasovagal disord. (Ger) 55556
sinus synd., review 490
sinus synd., ther., review 494

***effect of drugs on***

reactivity to various drugs in vitro & in vivo in dogs 13432

***physiology***

baroceptor & chemoceptor circ. & resp. reflexes in monkeys 2916
baroreceptor reflexes, eff. on pulm. arterial pressure & pulm. blood flow in dogs 17969

baroreceptor reflexes role in eff. of arterenol & epinephrine on pulm. hemodynamics 51109
control of blood pressure after chemostimulation of pericardium in cats (Rus) 48039
control of femoral artery & vein debit in dog (Fr) 36615
case of antigen capsule of induction of antibody prod. in intracarotid admin. (Rus) 1751
eff. of denervation on diuresis following plasma volume expansion in dogs 48449
eff. of direct stimulation on cardiovasc. system 35388
eff. of isolation of carotid sinus on reflex antibody prod. after antigenic action on glomus chemoreceptors (Rus) 48004
electrical reactions in nerves of carotid sinus chemoreceptors in sensitized animals (Rus) 52964
hemodynamic parameters in exper. hemorrh. (Cz) 38219
reflex, eff. of lysergic acid diethylamide & related cpds. 14123
volume & pressure variations in exper. hypotension (Cz) 38218

*surgery*

denervation in myasthenia gravis with thymoma, death 6 years later (Fr) 9155

*CARPUS see* WRIST

*CARROTS see* VEGETABLES

CARTILAGE

*see also* CHONDROITIN SULFATE

*anatomy and histology*

fibelline in Japanese (Ger) 33889
histol. exam. of joint cartilage of bovines in fresh state, standards for maintenance of chondrocyte vitality (Fr) 21392

*diseases*

chondritis & perichondritis of ear in burned patient (Sp) 8162
polychondritis, chronic atrophic 5167

*effect of drugs on*

crystalline papain protease causing depletion of cartilage matrix in rabbits, eff. of adrenal cortex hormones 33071
papain induction of changes in chem. structure of rabbit cartilage matrix 5012
papain inject. causing depletion of cartilage matrix throughout body in rabbits 5004
papain retardation of endochondral growth in young rabbits 35281A
somatotropin, on mucopolysaccharides in connecting cartilage, in rats (It) 42577
testosterone on conjugated acid mucopolysaccharides in rats (It) 1934
triethylene melamine on growing cartilage in rats (It) 37458

*effect of radiations on*

ultrasonics on epiphysial cartilage in guinea pigs (It) 29609

*embryology*

chondrogenesis in vitro from embryonal skin of mice (Fr) 26066
growth of chick embryo cartilage in vitro, eff. of cortisone admin. 39265
type-specific morphogenesis of cartilages developed from dissociated limb & scleral mesenchyme from chick embryos in vitro 4968

*in various diseases*

in arteriosclerosis (It) 9320

*metabolism*

adenosine deaminase in growing cartilage (It) 1862
ATP degradation by growth cartilage in vitro, identification of metabolites (It) 37361
glucosamine synthesis in metaphyseal cartilage (It) 13993
glutamic oxalacetic transaminases in metaphyseal cartilages, eff. of steroids in rats (It) 13983
mucopolysaccharides in costal cartilage 21682
mucoproteins in ox tracheal cartilage, separation & chem. characterization 37568
oxygen consumption of articular cartilage in calf, eff. of hydrocortisone (Fr) 26950
sulfate incorporation into rib cartilage slices from calf, eff. of vitamin C oxidation 17323
sulfate metab. in rachitic rats, eff. of parathyroid extract 31395
sulfate uptake by epiphyseal cartilage in x-irradiated mice, radioautographic study 51303
sulfated mucopolysaccharides in cartilage of osteolathyric rats & chicks, radioautography 44087

*pathology*

articular cartilage in osteoarthritis 21406

*physiology*

articular, inability of regen. (Ger) 34274
eff. of starvation, septicemia & chronic dis. on growth cartilage plate & metaphysis of immature rat 50308
nuclei form. & growth in calcification of rachitic rat slices, inhib. by beryllium & iodoacetate 1381
regen. after deep inj. (Rus) 33301
regen. after superficial inj. (Rus) 33300
regen., structural plasticity (Rus) 33302

*transplantation*

antigenicity & survival of homografts in rabbits 19708
auric. cartilage in repair of palpebral coloboma (Fr) 14487
auto- & homografts, morphol. changes (Rus) 45683
bibliog. 10800
cattle cartilage, prep. & storage for plastic surg. (Rus) 45685
cellular survival in long-term grafts in rabbits 10401
fibrocartilage grafts from exper. fract. in rats, ossification (Fr) 3123
fixed autotranspl. & autotranspl. & whole heterotranspl. in reconstruction of articular surfaces after joint excis. in monkeys 40639
homogenous grafts in rhinoplasty 49398
homogenous, in plastic surg. of face, remote results (Rus) 45684
homografts preserved from fresh cadavers for facial reconstruction indic. & technics (Fr) 13026
in hypophysectomized rats, relation to biol. survival & growth of costochondral auto- & homografts in normal rats 8031
neonatal femur head cartilage graft as postop. prosth. in enucleation of eye (Fr) 17492
survival determ. by sex chromatin study in humans 22316

*CASCARA see* CATHARTICS

*CASE RECORDS see* RECORDS, MEDICAL

CASEIN

allergenicity of α-casein 7866
binding of calcium, influence of pH & calcium & phosphate concentrations 1350
iridium, palladium & rhodium complexes, prep. & characterization (Ger) 47930
nutritive value of amino acid mixtures as substitute for casein for mealworms (Fr) 36602
nutritive value of single amino acids as substitute for casein for mealworms (Fr) 36603

*effects*

casein hydrolysate maintenance of blood buffer capacity in rabbits 24835
casein hydrolysates on glucose fermentation by Propionibacterium freudenreichi 38214
iodized casein, on pentylenetetrazole pois. in mice (Rus) 37208
on glucose tolerance test, intravenous & oral, in inf. & child. (It) 20213
thyroprotein on vitamin B1 requirements & growth in normal & hyperthyroid rats 17809

*metabolism*

activity of Streptoc. agalactiae on casein of heat-sterilized milk 25160
biosynthesis in mammary gland of goat, source of proline component 13718
comparative proteolysis of casein & dephosphorized casein 49290
proteolysis by rennet (Fr) 38670
rennin coagulation of enzymatically dephosphorylated casein 19520

CASTOR BEAN

protein content, determ. & analysis (Fr) 37831
ricin tox., comparison with tox. of its guanidyl, acetyl or benzoyl deriv. (Fr) 37832

CASTOR OIL

castor-oil plant, gall induction by Agrobacterium tumefaciens, inhib. by garlic extracts (It) 44801
castor oil plant seeds causing allergy, exper. & clin. studies (Fr) 43972

*effects*

poly-hydroxyethyl-substituted castor oil on antibiotics, in vitro tests (Ger) 46276

CASTRATION

*see also* EUNUCHOIDISM

*see also* STERILIZATION, SEXUAL

bilateral ovariectomy with normal postop. develop. of pregn., case report (Fr) 14393
chlorotrianisene-androgen hormon support 5276
in anovuation (Sp) 20052
medicolegal & ethical problems (Ger) 11121
of baby pigs, technic using spay hook 40396
relation to carcinogenesis of uterine cervix (Ger) 30280
use of Burdizzo clamp to crush vas deferens 5924

*effects*

maintenance of pregn. in rats after ovariectomy by various progestational cpds. 31449
on acetate & caprylate utilization by liver & fatty tissue in rats 14618
on action of adrenal cortex hormones on pituitary gland cell form. in rats, review (Ger) 49281
on adrenal cortex weight & histol. changes induced by triiodothyronine in male rats 40071
on adrenal medulla content of amines in male mice (Fr) 48857
on blood platelet count, comparison with hypophysectomy & thyroidectomy in rats 20736
on blood protein response to amobarbital & methamphetamine in animals (Rus) 31157
on brain succinic dehydrogenase activity, eff. of postcastration steroid admin. in female rats 52377
on endometrial response to nonovarian hormones in guinea pigs 17368
on epididymal morphogenesis in chick (Fr) 26771
on estrogen eff. on thyroid gland in rats 11751
on growth of exper. Galliera sarcoma & histol. of adrenals in rats (It) 13513
on histol. of anterior pituitary gland in hamsters 12940
on histol. of uterine epithelium in mice, electron microscopy 5910
on inactivation of estrogens in rat liver in vitro (Ger) 23634
on interstitial cell stimulating hormone & follicle stimulating hormone response of male & female rats to low testosterone dos. 46596
on interstitial cell stimulating hormone content of pituitary of male rats 304
on leukocyte count in blood from heart of castrated rats under stress 35114
on mammary gland develop. in female mice, influence of age at castrectomy 31311
on mammary gland growth in male mice 17235
on mammary gland response to testosterone alone & with insulin in rats 35142
on nucleic acid composition, metab. & enzymatic capacity of rat prostate 3412
on pituitary-adrenal system funct. in female rats (It) 6948
on pituitary histochem. in ovariectomized rat, review & exper. (It) 9403
on pituitary histol. & funct. in rat, with & without thyroidectomy 15616
on protein, lipid & polysaccharide composition of dog aorta 35829
on radiophosphorus incorporation in uterus, eff. of estrogens in rats (It) 13956
on response of female genitalia to admin. of lipoid diencephalic extracts, in rats (It) 9405
on response of urinary gonadotropins to 17-α-hydroxyprogesterone acetate after ovariectomy (It) 53686
on response of uterine morphol. & phosphatase to estradiol & progesterone in rabbit 35116
on sex differences in fibrin, fibrinolytic capacity & lipids, relation to pathogen. of coronary occlusion 15050
on submaxillary gland histol. in male & female rats, comparison (It) 49591
on testosterone eff. on hematocrit of aged male rats 40877
on thyroid activity & thyrotropic potency of anterior pituitary in male rats, relation between excretory & secretory funct. of anterior pituitary (Fr) 36509
on thyroid funct. in female rats, determ. from radioiodine uptake studies (It) 29715
on thyrotropic activity of anterior pituitary in rat (Fr) 15146
on urinary estrogen response to ACTH in ovariectomized women 17043
on uterine histamine response to estradiol & hydrocortisone in rat 15619
on vagina, eff. of asiatic acid glycoside on keratinization in rats (Fr) 48874
semicastration, eff. on estrus cycle & fertility of rats (Ger) 29889
x-ray castration, on colored globules of retina, in turtles (Fr) 26794

*experimental*

eff. of estrogens on blood flow in ovariectomized rats 17938
eff. of estrogens on testosterone response in male castrate rat 15600
eff. of sex hormones & homologous gonadotropins on early develop. of right rudimentary ovary in left ovariectomized fowl 15593

*therapeutic use*

cancer of breast, actinic castration, indic. & contraindic. (It) 44834
cancer of breast, advanced, ovariectomy (It) 15900
cancer of breast, indic. & results (Fr) 54894
cancer of breast, metastatic 30915
cancer of breast, metastatic (Sp) 8696
cancer of breast, metastatic, ovariectomy 889
cancer of breast, postop. union of fract. of long bones due to metastases 11890
cancer of breast, radiocastration (Ger) 10018
cancer of breast, review (Fr) 23669
cancer of breast, with androgens (Fin) 54646
cancer of breast with bone metastases, with adrenalectomy, eff. on bone tumors (It) 42545
cancer of breast with bone metastases, with bilateral adrenalectomy, x-ray (It) 42645
cancer of prostate 7495
cancer of prostate, with diethylstilbestrol, survival statist. 11076
irradiation castration in multiple sclerosis in women (Ger) 20845
percutaneous irradiation castration in menorrhagia & metrorrhagia (Ger) 45260
removal of immature testes in male pseudohermaphroditism, supportive estrogen implants (Fr) 36057

CASTS

dorsal stands for spica cast 50803
Trünk resin cast (Ger) 34553

*CASTS, PLASTER see* PLASTER CASTS

CAT-SCRATCH DISEASE

7853
(Sp) 3684

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

relation to benign lymphogranuloma venereum (Fr) 6378
review (Ger) 15641
*case reports*
(Pol) 30772
*complications*
granulomatous osteomyelitis of femur, case report 52647
*differential diagnosis*
Hodgkin's dis. & tuberc. lymphadenitis by lymph node smears (Ger) 21657
*immunology*
intradermal reactions to cat-scratch antigen in normal persons (Fr) 23531
positive reaction with cat scratch antigen 7457
*in infant and child*
case report (Fr) 14443
*manifestations*
(Rus) 51221

CATALASE
Aerobacter aerogenes activity variations during growth cycle 53491
in erythrocytes & liver of normal & iron-defic. rats 17596
in insects, role in arginine oxidation (Fr) 3073
26296
in isoniazid-resist. M. tuberc. as index of bact. virulence (Jap) 41486
in kidney cell cultures, eff. of trypsinization by Dulbecco-Vogt method on activity (Ger) 34233
in M. tuberc. (Jap) 41490
in M. tuberc., bacteriol. & clin. significance 12807
in M. tuberc., decreased activity in isoniazid-resist. (Hun) 10582
in M. tuberc., relation of catalase activity to virulence of isoniazid-resist. & other M. tuberc. strains (Jap) 28696
in M. tuberc. resist. to drug ther. (Rus) 31171
in Mycobact. species as method of identification of strains (Hun) 22361
in Streptomyces griseus (Ger) 23151
in zinc pois. in Corcyra cephalonica, eff. of copper 7235
reactions with hydrogen peroxide in presence of hydrogen donors 1678
requirement of mammalian cells in culture 17247
*antagonists*
boiled tissue extracts 13809
cycloserine & isoniazid inhib. of activity in Mycobact. & beef liver (Fr) 13800
lead, inhib. of activity in blood in vitro by plumbous ion (Ger) 27904
*effects*
on transfer of peroxide oxygen in vitro in presence of reduced & oxidized cytochrome c (Fr) 38749
*in blood*
eff. of 2,4-dichlorophenol, relation to Heinz body form. (It) 51656
eff. of dimethylsulfate inhalation, in guinea pigs (It) 51655
eff. of fluorine ions in rabbits (Rus) 33337
eff. of hydrogen peroxide in tumor-bearing rats 19572
eff. of radiocobalt (Cs) 2734
hemolyzed blood, eff. of alcohols (Rus) 22649

CATALEPSY
*see also* HYSTERIA
caused by & differentiated from diencephalic lesions (Rus) 34728
*experimental*
induced by bulbocapnine in mouse, pharmacol. (Ger) 13468
induced by sound stimulation in rats (Rus) 52949

CATARACT
congen. cataract with microphthalmia, dyscephalia with bird face & other multiple deform. as new synd. 11700
legal aspects of traum. luxation of cataractous lens (It) 6926
Marinesco-Garland-Sjögren synd. (Fr) 44749
Werner's synd., atypical & abortive forms (Pol) 53137
*case reports*
glassblowers', determ. of irradiated surface in compensation cases (Ger) 25184
sudden develop. in massive uveitis in 55-year-old man with ankylosing spondylitis (Fr) 11940
Werner's synd. (Pol) 31505
*complications*
eczema 55053
eczema, case reports (Fr) 26363
multiple sclerosis (Pol) 30083
*epidemiology*
in Africans (Fr) 51514
*etiology and pathogenesis*
galactosemia in inf. siblings, biochem. -ophthalmol. changes 23875
gestational & teratogenic factors (Sp) 33008
radiation inj. (Bul) 41571
radiother. of cancer of eye & adjacent structures, determ. of dos. necessary for induction of cataract & prev. measures 8563
zinc cauterization in herpes cornea ther. causing acute anterior disseminated subepithelial cataract of Vogt (Ger) 28902
*experimental*
dinitrophenol-induced in domestic fowls 46463
induced by protein defic. in pigs 17447
induced by tryptophan defic. & x-rays, changes in proteins & protein synthesis in rats 47037
induced by ultra-high-frequency radiation, failure to demonstrate in rabbits 11594
inherited cataract in dog 706
naphthalene-induced in newborn rabbits after maternal admin. (Bul) 16416
*heredity*
floriform cataract in 3 generations (Ger) 28875
with microphthalmia in house mouse, cytoplast exam. (Ger) 34216
*in aged*
ther., sulfadiazine (Ger) 52188
*in infant and child*
caused by endocrine dis., clin. manifest. (Fr) 32398
congen., caused by maternal rubella case in premature inf. (It) 42805
in Still's dis. 8285
with congen. ichthyosis, case reports 85
zonular cataract in child, born to diabetic mothers 23861
*pathology*
calcium oxalate crystals in lenticular tissue 83

CATARACT EXTRACTION
anterior chamber insertion of plastic lens, compl. (Fr) 14499
course, compl. & postop. results 23880
enzymatic zonulolysis 44050
enzymatic zonulolysis with α-chemotrypsin (Ger) 19430 51239 51240 51241
enzymatic zonulolysis with α-chymotrypsin 34922
enzymatic zonulolysis with α-chymotrypsin (Fr) 38143
enzymatic zonulolysis with α-chymotrypsin (Sp) 43855
erysiphake extraction, technic 44049
implantation of plastic lens (Ger) 3294
indic. & technics 19272
indic., contraindic. & predictable failures 47059
intracapsular technic with expression in senile cataract (Ger) 28877
intracapsular technic with prior tapping of capsule (Ger) 28876
Kirby method 55051
Kirby technic (Fr) 13056
methods of inducing anesth. & hypotony 34910
modern concepts 49384
modified Ridley acrylic implant 48211
of congen. cataracts in child. 50758
preop. mydriatic ther. (Ger) 51242
surg. problems in intracapsular extraction created by adhesion of lens capsule to hyaloid membrane 12438
synecholysis in complicated cataract, technic (Ger) 28868
technics & results 45090
technic for denuding cornea 47073
technic, safeguards for surgeons operating without benefit of skilled assistance 673
with corneal flap incision, technic 2092
*anesthesia and analgesia*
adjuvant chlorpromazine, prochlorperazine & perphenazine as atarctics & anti-emetics 47060
5-(2-bromoallyl)-5-isopropyl-1-methyl-barbituric acid-meperidine prep. with & without d-tubocurarine chloride 23878
general anesth. 23836
37601
supplemental intravenous analgesia 12451
*complications*
anterior chamber hemorrh., eff. of weather (Ger) 51263
expulsive hemorrh. (Ger) 28864
intra-ocular infect., prev. & control (Ger) 51243
pigmentary flocculi of corneal posterior surface (Ger) 51272
postop. astigmatism, causes & prev. (It) 13937
postop. nausea & vomiting, prev. with cyclizine 12971
postop. optic neuritis 55012
pupil block in aphakic eyes 35774
symposium 47075

CATATONIA
periodic 26984
periodic catatonia following 48 hour rhythm, pathophysiol. (Ger) 27001
periodic, mechanism 26997
periodic, metab. & physiol. aspects 15831
*complications*
menstruation disord. (Ger) 26998
*etiology and pathogenesis*
Asian influenza A 57, clin. & EEG aspects (Fr) 9137
*experimental*
induction by chlorpromazine inject. in guinea pigs, eff. of radiocobalt irradiation (Fr) 47442
induction by tranquilizing agents 50442
*pathology*
CNS histopathol. in a fatal case of schizophrenic catatonic excitation (Rus) 34738

*CATECHOL see* PYROCATECHOL

CATHARTICS
*see also* AGAR
*see also* CASTOR OIL
*see also* MAGNESIUM OXIDE
*see also* METHYLCELLULOSE
*see also* MINERAL OIL
*see also* PHENOLPHTHALEIN
*see also* PODOPHYLLIN
*see also* RHUBARB
*see also* SULFATES
aloin-like anthracene deriv. in cascara bark, isolation & properties 41322
bis(p-acetoxyphenyl)-2-pyridylmethane, chem., pharmacol. & prep. of deriv. with two p-hydroxyphenyl groups on the same carbon atom (Ger) 1326
1327
croton oil, isolation & identification of component crystalline acetates 15662
α-elaterin, analysis of funct. groupings 41298
α-elaterin, funct. groupings 41326
pharmacol., review 3381
sorbitol as laxative 2196
*determination*
cascara & frangula extracts, differentiation by spectrophotometry (It) 39703
manna, semimicroanalytic identification (It) 1980
senna, identification of new glycoside more active than sennosides in crude senna prep. 41318
*effects*
anthraquinones, synergistic eff. (Ger) 52219
diacetyl-bis-hydroxyphenylisatin, in guinea pigs (Ger) 42278
senna on intestinal funct., comparison of standard. prep. with inert tablets 5754
*injurious effects*
electrolyte losses assoc. with taking of cathartics, isotope study 37715
*therapeutic use*
aloe in skin dis. caused by radiother. of cancer of various organs (Rus) 10794
bis(p-acetoxyphenyl)-2-pyridylmethane (Sp) 53972
bis(p-acetoxyphenyl-2-pyridylmethane for pre-exposure prep. in abdom. x-ray (Sp) 6577
bis-(p-acetoxyphenyl)-2-pyridylmethane in constipation 26436
bis(p-acetoxyphenyl)-2-pyridylmethane in constipation (Fr) 21328
bis (p-acetoxyphenyl)-2-pyridylmethane in constipation in bedfast tuberc. patients (Por) 49730
bis (p-acetoxyphenyl)-2-pyridylmethane in constipation in pregn. (Sp) 18852
bis(p-acetoxyphenyl)-2-pyridylmethane in prep. for intravenous cholangiography & pyelography (Ger) 6051
bis-(p-acetoxyphenyl)-2-pyridylmethane in prep. for radiography of colon 45814
bis(p-acetoxyphenyl)-2-pyridylmethane, prep. of gastrointestinal tract for cholecystography & kidney x-ray (Ger) 11208
bis(p-acetophenyl)-2-pyridylmethane, use in x-ray exam. of various organs, oral & rectal admin. (Sw) 43209
bis-glycerin tripyroborate in obesity (Ger) 19060
3,3-bis(4-hydroxyphenyl)-oxindole enema in cholecystography 11099
cascara alkaloid-dioctyl sodium sulfosuccinate-alginate prep. in constipation 40939
cascara sagrada extract-dioctyl sodium sulfosuccinate prep. & dioctyl sodium sulfosuccinate in constipation in aged 42153
dioctyl sodium sulfosuccinate, alone & with cascara sagrada extract in postop. management of defecation 11817
dioctyl sodium sulfosuccinate - diacetyldihydroxyphenylisatin prep. in constipation in pregn. 35902
lactose-mannitol-sorbitol prep. in constipation (Ger) 20329
rheogen in constipation (Ger) 4044
trial & evaluation of various aperients (Ger) 49050
veracolate in chronic constipation 29325

*CATHEPSINS see* PROTEASES

CATHETERIZATION
abdom. aorta, technic & results (Sp) 12995
arterial, Seldinger's technic in arteriography in surg. 46849
bronchial in lung abscess, Metras technic (Fr) 6393
Eustachian tube, hist. (It) 13505
exploratory intracholedochal catheterization, pseudo-positive Waltzel sign (Sp) 21217



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

quick method of inflating balloon-tip urethral catheter 6510

renal artery, eff. on renal funct., in dogs 35379

renal vein, percutaneous method in dogs 12017

renal vein with venography, technic 18420

*apparatus and instruments*

catheter for frontal sinuses (Ger) 19321

catheter introducer for chest catheterization 28989

combined catheter for suprapubic prostatectomy 5939

double lumen catheter for use with artif. kidney 50227

equip. for catheterization of female inf. 43535

radio-opaque catheter for stimultaneous blood sampling, pressure recording & temperature measurement 16845

selective bronchial suction catheters in tracheal fenestration & tracheostomy 869

use & abuse of urethral catheters 19974

*complications*

septic thrombophlebitis caused by Micrococcus pyogenes aureus after intravenous use of polyethylene catheters for parental ther., case reports 19846

CATHETERIZATION, CARDIAC 15262

determ. of blood lactic acid before & after pulm. passage (Ger) 41759

determ. of position of catheter tip by x-ray (Ger) 26490

direct registration of blood oxygen pressure by special catheter in cardiac catheterization (Ger) 55543

femoral retrograde catheterization in opacification of left ventricle (Fr) 36689

in control of cardiocirc. changes during hypothermia induced by refrigeration (Fr) 39824

in intracardiac phonocardiography, new simple method 23643

indic. & contraindic. (It) 42660

left heart by dorsal transthoracic puncture of the left auricle (Sp) 44480

left heart, by transbronchial route (Por) 21090

left heart by transthoracic puncture of left auricle, technic (Ger) 36485

left heart catheterization, clin. value 2513

left heart cavities (Fr) 54464

left heart, correlation of heart sounds & murmurs with pressure 14975

left heart, transbronchial approach in diag. of valvular dis. (Por) 51640

left heart, transthoracic route 5368

left ventric., with retrograde levocardiography (Ger) 15863

left ventricle & thoracic aorta catheterization through femoral artery, technic (Fr) 41364

non-surg. technic using large polyethylene tubing 2911

perop. in surg. of constrictive pericarditis, method & results (Sp) 8680

physiol. factors affecting reliability of observations 16062

radiol. aspects 15263

right & left heart, simultaneous 49848

right heart in inf. & child. 17915

technic using image amplifier & television, advantages (Fr) 54047

*apparatus and instruments*

catheter with elastic terminal valve for study of intracardic & intravascular circ. cond. (Hun) 6336

*complications*

chylothorax in left heart catheterization, case report 2369

intravenous polyethylene catheter lodged in heart in child, successful removal 14667

perf. of heart 2894

*in various diseases*

cardiovasc. defects, congen. 30410

congen. cardiovasc. defects, diag. & ther. value (Ger) 42303

congen. cardiovasc. defects, with cine-cardio-angiography 30411

left ventric. & aortic catheterization in diag. of aortic insuff. (Fr) 35604

metastasizing carcinoid 27099

mitral stenosis (Rus) 10741

patent ductus arteriosus, technics (Fr) 43752

pre- & perop. with commissurotomy for mitral stenosis, progn. value (Fr) 415

pulm. emphysema, determ. of hemodynamics of lesser circ. (Por) 8788

pulm. stenosis (Rus) 10739

retrograde aortic catheterization, femoral route in patent ductus arteriosus (Fr) 7046

retrograde catheterization of left ventricle in preop. diag. of aortic insuff. (Ger) 55549

rheum. mitral stenosis, left heart catheterization 15550

septal defects, diag. value with cine-angiocardiography 24354

small blood vessel disord. (Ger) 11161

tensiometric determ. of left ventricle in adhesive pericarditis (It) 29639

traum. rupt. of ventric. septum 14967

with ECG in diag. of cardiac hypertrophy & various forms of heart block (Fr) 7042

*CATHOMYCIN see* ANTIBIOTICS

*CATION EXCHANGE RESINS see* ION EXCHANGE RESINS

CATS

develop. of paw preferences 17358

nutritional requirements 50292

*diseases*

abscess of liver, surg. 40415

cutaneous mast cell tumors 26023

endocardial fibroelastosis, 1st case report 4629

glaucoma, bilateral 4646

steatitis in cats fed canned red tuna 28194

thoracic & abdom. arrow wound 28182

traum. chylothorax in kitten, surg., ligation of thoracic duct 16773

trichinosis in Iowa 5603

CATTLE

blood cholinesterase activity, determ. 12737

detection of unfavorable changes in ruminal ingesta, simple methods 4630

dwarf beef cattle, eff. of hormone admin. on growth 12733

eff. of heat stress on physiol. reactions & food & water consumption 8278

eff. of retained fetal membranes on prolificacy of dairy cattle 28178

estrogen excretion in urine of newborn male & female calves 35100

estrogen use in feed, preliminary exper. (Ger) 22839

finger-electrode electroejaculator for collection of semen from bulls used for artif. insemination 40404

β-globulin polymorphism in Brit. cattle, genetics 7171

glucose metab. in newborn calves delivered after prolonged gestation 12739

growth & fattening, eff. of 17α-hydroxyprogesterone caproate 13197

17-hydroxycorticosteroids in blood in bovine pregn. & parturition 40799

innerv. of external genitalia of bull, anat. & physiol. studies 12741

lactation in virgin heifer 15235

maternal-fetal blood types in cattle, comparison 10498

nutrition of young calves, comparison of butterfat with starch, lactose & hydrogenated palm oil in milk diets 37598

parentage determ. by serol. test using two polyvalent sera 19679

physiol. study of act of eating in cattle 2085

polyethylene glycol in calf gastrointestinal system, substances interfering with its determ. 7135

removal of magnetic foreign bodies in reticulum & rumen by paracentesis, technic 4626

reproductive efficiency in cows, eff. of 17α-hydroxyprogesterone caproate 13198

Stomoxys sp. feeding on cattle in Uganda, protective eff. of midday housing of animals 7253

technic for dent. radiography in cattle 28179

technic of cesarean section 4612

*diseases*

*see also* ANTHRAX

*see also* BRUCELLOSIS

*see also* FOOT AND MOUTH DISEASE

*see also* LEPTOSPIROSIS

*see also* MASTITIS

*see also* TUBERCULOSIS, BOVINE

abomasal perf. in steer 4645

abomasal ulcers, etiol., surg. & case reports 4644

anaplasmosis, ther., oxytetracycline 28184

bloat, review 20918

botulism, urinalysis in 12738

cutaneous mast cell tumors in ox 26023

E. coli infect. in calves, strains isolated from natural outbreaks 17104A

feed-lot bloat, bact. changes in rumen during onset & characteristics of Peptostreptoc. elsdenii 47624

Haemonchus contortus infect., morphol. study of isolated worms 13743

helminthiases of lungs in Poland (Pol) 33715 33717

hepatic fascioliasis, blood picture, comparison with peritoneal fluid (Pol) 33712

infect. pustular vulvovaginitis, review 15243

infect. rhinotracheitis, field trials of modified liver virus vaccine in Colorado 40406

infect. rhinotracheitis, shipping fever & calf diphtheria, differ. diag. 40418

ketosis, ther., prednisolone trimethylacetate 4637

liver abscess, incidence in cattle receiving chlortetracycline regularly 12735

lungworm infect. of calves after exper. subcutaneous inject. of larvae 12727

myelomeningocele with spina bifida in calf, case report 40407

myiasis, prev. & control (Pol) 33724 33725

nematode infect., field trial of phenothiazine prep. in feedlot cattle 4627

nematode infect. of lungs in Poland (Pol) 33716

nematode infect. of yearling cattle, eff. of phenothiazine ther. 12729

physiol. calcemia & calciuria (Fr) 26679

pneumonia in newly weaned calves 4641

porphyria, congen., case reports in Jamaica 15240

porphyria erythropoietica, biol. comparison with human type 33061

puerperal uterine infect. in cows, ther., chlortetracycline & neomycin 28180

Q fever, epidemiol. in Arizona 4650

Q fever in Iowa dairy cattle, epidemiol. 40398

Q fever in Nebraska beef & dairy herds 52464

rabies, prev. 40414

rinderpest, acquisition & persistence of maternally derived antibody in calves 40888

rinderpest, active immun. in calves 40889

rinderpest, diag. by complement fixation test 50471

sacrococcygeal agenesis in calf 48984

seasonal fluctuations of gastrointestinal nematodes of imported beef feeder calves in No. E. Iowa 4611

shipping fever, isolation & pathogenic role of Pasteurella 12731

shipping fever, isolation of pleuropneumonia-like organisms 12732

tetanus, ther., chlorpromazine 16776

tetany with hypocalcemia as primary disord., review 28187

thyroid tumors, relation to ultimobranchial remnants & deriv. 48977

trichomoniasis in bulls (Pol) 33756

trypanosomiasis, control by suramin-ethidium bromide complex 47605

trypanosomiasis control by suramin-ethidium bromide complex, prev. of injection-site reaction 47606

trypanosomiasis, immunizing eff. of repeated doses of antrycide with & without Trypanosoma congolense inject. 47603

trypanosomiasis, prev. by various chemother. agents 50479

tumors of acoustic nerve, case reports 12740

urinary calculi, exper. prod. by diets 12734

Vibrio fetus infect., diag., vaginal-mucus tube-agglut. test 48978

vibrio infect., failure to produce by vulvar exposure 48976

CAUDA EQUINA

*abnormalities*

with anomalous nerve root (Sp) 8163

*diseases*

cauda equina synd. caused by herpes zoster (Fr) 18564

compression by extradural sacral cysts (Sp) 8812

compression caused by intervertebral disk displacement, case reports (Fr) 9099

cryptococcosis with toruloma (Ger) 27506

*neoplasms*

CSF diag. exam. (Rus) 22664

differ. diag. & sympt. (Ger) 22803

giant neurinoma & angioblastoma, with minimal sympt., case reports (Por) 53865

neurilemmoma, case reports 41978

*CAUDATE NUCLEUS see* BASAL GANGLIA

*CAUSALGIA see* NEURALGIA

CAUSTICS

*see also* HYDROXIDES

*see also* IODINE

*see also* SILVER NITRATE

*injurious effects*

stomach lesions with esophageal damage (Rus) 45748

CAUTERY

cauterization of turbinate bones followed by myasthenia gravis, case report (Fr) 32007

trichloracetic acid cautery repair of tympanic perf., modified technic 17627

Wadsworth-Todd cautery, improvements 34925

*CAVERNOUS SINUS see* VEINS, CRANIAL SINUSES

*CAVITIES, DENTAL see* DENTAL CAVITIES

CECUM

*anatomy and histology*

lymphatic system (Ger) 23563

*diseases*

cecitis, acute 50691

cecitis, acute phlegmonous, case reports 5236

inflamm. disord., x-ray diag. (It) 3861

mucocele, ceco-appendicular, case report (Fr) 18639

***diverticula***

solitary diverticulitis 37998

uninflamed, x-ray diag. & case reports 9621

***microbiology***

Mycobacterium johnei & M. tuberc. from ileocecal lymph nodes in apparently normal cattle 5691

***neoplasms***

colloid carcinoma, with meningeal gliomatosis, clin. pathol. conf. 19836

differ. diag. from appendicular granuloma 2145

Hodgkin's dis., case report (Fr) 9096

ileocecal endometriosis (Sp) 27211

lipoma, case report (Sp) 44513

lipoma causing intussusception, surg. (Rus) 18232

lipoma, with ileocecocolic intussusception, case reports (Fr) 51368

lymphoblastoma, case report (Sp) 43906

lymphosarcoma, case report (Sp) 53327

plasma-cell adenocarcinoma, with papillary cystadenocarcinoma of ovary, case report (It) 2003

2 types of cecal carcinoma with bladder & bronchial tumors (Ger) 23117

***perforation***

caused by paralytic ileus, surg., cecostomy, indic. & technics 10843

diastatic, etiol. & surg. (Fr) 18555

spontaneous in patient with paralytic ileus 13718

spontaneous, without mechanical obstruct. 852

***radiography***

ileocecal valve (Fr) 54444

***stenosis***

ileocecal stenosis with retention of ileal for. body, differentiation from adnexal tumor (Ger) 23216

***surgery***

cecostomy in acute abdom. in child. (It) 8867

***CELIAC DISEASE see*** CYSTIC FIBROSIS OF PANCREAS

***CELIAC DISEASE see*** SPRUE

***CELIAC PLEXUS see*** GANGLIA, AUTONOMIC

**CELL DIVISION**

amitosis in origin of binucleate cells in connective tissue cultures, review 34224

antaphase, relation to desoxyribonucleic acid doubling 27411

controlling mechanisms, review 26464

cytodieresis of hemopoietic cells cultured in vitro, microcinematographic & chronol. study (Fr) 53994

daily periodicity in mice (Rus) 37192

distribution of newly synthesized desoxyribonucleic acid in mitosis 7184

eff. of edathamil & x-rays on chromosome fragmentation in microspores of Tradescantia paludosa (Rus) 47990

eff. of heat shock on cell division in Tradescantia brevicaulis & paludosa 26604

epithelial mitosis in estrus cycle in mice (Rus) 48024

genetic disturbance of cell division giving rise to monster producing strain of *Paramecium aurelia* (Ger) 34388

granuloblast mitosis in vitro, phase contrast microscopy (Ger) 15776

kinetochore division prior to metaphase I of meiosis 37563

mammary epithelial mitosis in various stages of sexual cycle in mice (Rus) 37190

metaphase plate form., cinemicrography of mitosis in endosperm 27403

method for testing eff. of drugs & phys. agents on mitosis 52423

mitosis, achromatic figure (Fr) 21292

mitosis, biol. & x-ray studies (Fin) 27279

mitosis, Chatton's kinetid (Fr) 54002

mitosis, eff. on acetate incorporation into various lipids in regenerating rat liver & transplanted tumor 40534

mitosis in corneal epithelium of mice, diurnal cycle 23550

mitosis in cultures of rat kidney medulla, stimulation by serum from unilaterally nephrectomized rats 31399

mitosis in epidermis of skin, influence on prickle cell structure (It) 37425

mitosis in Euglenineae 47656

mitosis in rat liver, eff. of aging on aneuploid chromosome count (Ger) 38478

mitosis in yeast (Ger) 47657

mitosis in yeasts, kinetics 7257

mitosis, persistence of spindle structures during mitotic intervals, review (Fr) 21301

mitotic activity of myelocytes in normal & in leukemic rats, comparison & eff. of urethane admin. 35155

nucleoside triphosphate content of cells during division cycle in synchronously dividing mass cultures of Tetrahymena pyriformis 1715

of fungus Ustilago sphaerogena, biochem. changes 23293

of regen. of salivary gland in mice (Rus) 37191

of macrophages in liver & spleen of chick & mouse embryo cultures, microcinematography (It) 34428

polarized stages in meiosis of liliaceous plants 48692

polyphosphate accumulation & utilization in synchronized cell division of Corynebacterium diphtheriae 40451

prophase index of human tumors (Ger) 36418

relation of desoxyribonucleic acid, review (It) 47798

reproductive capacity of exper. sarcoma cells (Sp) 43930

***effect of drugs on***

aminopterin & nitrogen mustard on mitosis in mouse ear epidermis in vitro 27421

N-carbamoylmaleamic acid inhib. of mitosis in onion root tip cells 31392

colchicine, on develop. of spindle & chromosome movements in endosperm 38483

cortisone & epinephrine (Rus) 37215

cytotoxic drugs on multipolar mitoses in urodele ovum during segmentation (Fr) 15140

3,6-diamino-10-methyl-acridinium chloride on mitosis in amphibians, review (Ger) 34406

ethionine & methionine, mitotic changes of fibroblasts in vitro 3497

folic acid on mitosis in normal & regenerating rat tissue 24840

griseofulvin on mitosis 29824

6-(β-indolylethyl)aminopurine induction of abnorm. forms of mitosis in normal & tumor cells (Ger) 39448

isoniazid-PAS & sulfoniazid on plants (Fr) 24904

mercaptoethanol on mitotic appar. of sea urchin eggs 3498

mitotic reactions of epidermis of guinea pig nipple during repeated application of various substances (Fr) 15667

phenol on mitosis in amphibian eggs (Fr) 33568

phenyl mercuric hydroxide on achromatic spindle & telophase nuclei in mitosis 49805

spindle poisons on mitosis of plant Lupinus luteus (Ger) 27557

substituted azulenes, in sea urchin (Fr) 26731

substituted pyrimidine bases on mitosis in plant cells (Fr) 26310

***effect of radiations on***

beta rays on chromosome movement in mitosis 38482

beta rays on mitotic activity in skin of young rats 50649

low-intensity radiation on mitosis in grasshoper neuroblasts 14425

x-ray-induced synchronized budding of yeast cells 23291

x-ray inhib. of yeast cell division & eff. on polyphosphate metab. 23292

**CELL NUCLEUS**

***see also*** CHROMOSOMES

abnorm., relation to quantitative anomaly of desoxyribonucleic acid, review (It) 47799

centrosome of vertebrate neurons & neuroglia (Sp) 35657

genetic control of conidiation in a heterokaryon of Neurospora crassa 5081

glycolytic metabolites in isolated rat liver nuclei (Ger) 49330

interference microspectrography of cell nuclei of adrenal cortex of white rat 39275

intranuclear inclusion bodies of various origin, electron microscopy (Ger) 33524

isolation of nuclei, technic (Fr) 9031

karyometry of cellular elements of hypothalamo-neurohypophysial system in hyper-& hypothyroidism of hen (Fr) 26940

karyometry of decidua of splenectomized rats (Ger) 33988

measurement in reticulum cells & endothelial cells of human lymph nodes (Ger) 35154

nuclear size in physiol. & pathol. processes, review 27375

nuclear transfer in ultraviolet-irradiated Amoeba proteus 3520

nucleolar appar. in inj. during embryonic develop. 5071

nucleolar count of decidual cells, eff. of splenectomy in rat (Ger) 23077

nucleolus, review (Rus) 45617

nucleoproteins (Rus) 37135

nucleus sizes of triploid hybrid toads with exper. doubled maternal genomes (Ger) 34221

of fission yeast, identification by fluorescent dyes 27419

of prostate adenoma (It) 6815

paranuclei in cells of snail salivary gland & salamander exocrine pancreas, histochem. study (Fr) 38705

random distribution of nuclei in conidia of Neurospora crassa heterokaryons 34384

review (Rus) 47875

semipermeability of nuclear membrane 19482

structure in Euglenineae 47656

structure in yeast (Ger) 47657

ultrastructure of nucleoli in mice & Drosophilid flies, electron microscopy 34408

***effect of drugs on***

6-(β-indolylethyl)aminopurine induction of bi- & polynuclear cells in normal & tumor tissue (Ger) 39448

Janus green B on tumor cell nucleus, mechanism of hydrogen-acceptor activity (Ger) 43082

on nuclear form. & multipolar mitoses in urodele ovum during segmentation 15140

penetration by chromium in metal carcinogenesis 38068

***effect of radiations on***

x-ray on nuclei with different heterochromatic constitutions (Ger) 38481

x-rays on proteins in liver & small intestine cell nuclei (Rus) 51752

**CELLS**

***see also*** EPITHELIUM

***see also*** GERM CELLS

***see also*** MAST CELLS

***see also*** MITOCHONDRIA

***see also*** PROTOPLASM

antibody content of single cells, measurement 38300

biochem. funct. of various intracellular structures (Fr) 21260

cell-like bodies from lipoprotein isolated from plant materials, in vitro develop. 33887

cellular aspects of cell-virus relationship, review 47901

chem. analysis of single cells, improved methods, review 30485

chloragocytes of earthworm Allolobophora caliginosa, metab. funct. & chem. composition (Fr) 49394

cinematographic analysis of cell dynamics, review 49444

clear cell system of Feyrter in endocrine glands & female genitalia (Pol) 27604

contribution of Rudolf Virchow to cellular pathol. (Ger) 34918

coordination of intracellular activity 10210

cytochondrial aspects of cellular pathol. 38394

cytophotometry by silver analysis of photomicrographs, review 23579

determ. of specific gravity of cells & cell fragments, substance for aqueous density gradients 39383

eff. of high pressure on cell physiol., review 32356

environmental reactivity, role of aspartic acid & its salts in preserv. of reactivity (Fr) 8236

enzyme histochem. as further extension of cellular pathol. 38398

enzyme system in anoxic energy forming processes in cellular fluids, role of electron acceptors (Ger) 34241

feedback control theory in differentiation of specialized & unspecialized cells, chem. mechanism, review 44981

Golgi appar., discovery & importance in cellular pathol. 9597

Golgi appar. in animals, comparison with plasma lamellar systems in plants (Ger) 46184

Golgi appar. of macula densa of kidney tubule (Fr) 26847

Golgi appar. of vital blood & bone marrow cells (Ger) 46118

Golgi body structure & develop. in plasma & other blood cells, phase contrast microscopy 24113

growth & multiplication processes, theory & classif. (It) 21080

mass & concentration, determ. by microscope interferometry 3762

mass thickness of cell membranes, determ. from their electron micrographs 19613

membrane potential, constancy in spontaneous changes of ion gradients in normal & denervated rat diaphragm (Ger) 30533

membrane potential, metab. & biochem. processes, maintenance of equilibrium in anesthesiol. (Fr) 9059

membrane potential of calcium-induced paralysis of frog heart, eff. of adenylpyrophosphate (Ger) 30533

physiol. & biochem. processes of the cell (Fr) 9059

pinocytosis 27397

27398

plastids, enzymol., review 35558

role of cell metab. in clin. research, review (Ger) 52235

52240

survival of normal human tissues frozen almost to absolute zero 22321

ultrastructure of ectoplasm-endoplasm border & fibers forming karyophore in cilia of genus Isotrica (Fr) 3060

weighing of cellular structures by ultrasoft x-rays 3761

***effect of radiations on***

cellular radiobiol., review 36334

increase of cellular constituents in x-irradiated mammalian cells 47949

***CELLULASE see*** CARBOHYDRASES

**CELLULITIS**

***etiology and pathogenesis***

infect. causing acute nonclostridial crepitant cellulitis 158

intramusc. iron-dextran ther. of anemia 52629

***therapy***

cortisone in pelvic ligneous cellulitis 26375

**CELLULOSE**

***see also*** METHYLCELLULOSE

cellulose acetate membranes suitable for osmotic measurements 52363

form. of ring net structures in microfibril lamellae during drying of cellulose, electron microscopy (Ger) 6761

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

*effects*
on ration digestibility & nitrogen balance of lambs fed semipurified rations 5540
on vitamin B synthesis in sheep alimentary tract (Fr) 38693
*metabolism*
biosynthesis & depolymerization 19485
cellulolytic activity of phytopathogenic bact. 42971
digesta along sheep alimentary tract 37591
ruminal anaerobic cellulolytic cocci & Cillobacterium cellulosolvens 28222

CELLVIBRIO
*metabolism*
preferential utilization of cellobiose over glucose in Cellvibrio gilvus 40443
40444

*CEMENT, DENTAL see* DENTAL MATERIALS

*CEMENTUM see* DENTAL CEMENTUM

CENTIPEDES AND MILLIPEDES
exudate from tropical millipedes causing eye lesions, case report 10523
exudate from tropical millipedes causing eye lesions, composition of exudate 10524

CENTRAL NERVOUS SYSTEM
as symbol of perceptive experience (Ger) 25849
plasticity & organiz. at simplest levels of mammalian CNS, review 7948
*abnormalities*
acquired varieties 50931
congen. varieties 50925
dysraphia, gross & histopathol. studies 50928
prod. by maternal carbon monoxide inhalation in mouse embryos 3599
*anatomy and histology*
cellular mechanism of myelination in young rats & cats, electron microscopy 16962
*blood supply*
ischemia, exper. eff. on newborn & adult rats (Cz) 21569
*diseases*
amaurotic idiocy as degen. process of CNS, case report (Sp) 8881
caused by cardiac arrest, ther., hypothermia 1245
caused by influenza, clin. & postmortem pathol. 26102
caused by lymphatic leukemia, in remission in child, clin. pathol. conf. 5717
caused by portacaval shunt in liver cirrhosis, ther., protein diet (Sw) 43237
caused by thermal stress in man, biochem. basis 29838
causing resp. acidosis EEG manifest. 27331
cryptococcosis, in Gt. Brit. 48135
cryptococcosis, ther., amphotericin B, case reports 11638
CSF glutamic acid in (Cz) 2786
CSF potassium permanganate test, diag. value, review (Ger) 51824
CSF protease in 34880
CSF transaminases in, diag. value (It) 21427
demyelination, exper., review (Pol) 30072
demyelination, histochem. 20708
demyelination, pathol. 20707
diag. value of electromystagmogram, review (Ger) 49119
dysfunct., relation to language develop. among survivors of premature birth 46473
eff. of inflammatory CNS dis. of bact. & viral origin on blood & CSF proteins 24069
kuru (It) 29130
kuru dis. in New Guinea (Ger) 49083
kuru, possible genetic basis 36973
lesions of brain or cord, causing pyramidalism & medullary liberation from cortical control, relation to site of lesion (Sp) 9724
manifested by orthostatic syncopal hypotension (Rum) 44004
otoneurol. in dis. of CNS (Hun) 3647
paragonimiasis, pathogen. & ther. 2858
parasitic dis., causing internal hydrocephalus 2024
postvacc., prev. by prevacc. with inactivated antigen (Ger) 52257
prev., conf. (Cz) 3789
siderosis of marginal zones, pathol. (Ger) 39039
ther., cocarboxylase, eff. on ketoacidosis of CSF (It) 3720
ther., perphenazine (Ger) 6875
ther., procaine with caffeine, cisternal admin. (Ger) 39964
tuberc., surg. (Rus) 55306
viral infect., natural foci in Czech. (Cz) 2769
virus dis., eff. of electroshock in mice (Ger) 46239
Visna infect. of sheep, clin. & histopathol. aspects 14100
with hypogonadism & thyroid disord. 35130
with skeletal abnorm. 19786
*effect of drugs on*
*see also* ANALEPTICS
*see also* ANTICONVULSANTS
*see also* HYPNOTICS AND SEDATIVES
N-allyl-3-hydroxy-morphinan, morphine & reserpine on funct. & metab. in mice, individual & combined admin. (Ger) 36937
benactyzine & hydroxyzine, central eff. in rabbits 13436
brain extract from rabbits after exposure to electroshock inhibiting motility & excitability in monkeys (Ger) 36944
brain extract neurokstone, depressive eff. in exper. convulsions in rats (It) 1526
2-bromo-d-lysergic acid diethylamide on cats 39270
centrally-acting drugs, chromatography (Fr) 13099
centrally-acting drugs, eff. on body temperature, response to environmental temperature 26408
centrally-acting drugs, ther. value & hazards (Ger) 19432
chlorpromazine in normal monkeys & monkeys with brain stem lesions 5411
chlorpromazine, pharmacol., review (It) 54480
cycloserine, causing psycho-motor & psychol. disord. (Fr) 45036
depressant & stimulant drugs on salamander larvae 1444
depressants, anti-tetanus activity in exper. tetanus 14138
depressants, use in pediatric surg. (Rus) 45627
dietary sodium chloride in various quantities in hypertensive dogs (Rus) 33626
differentiation by eff. on motility of mice, comparison of time-activity & dose-response ratios (Ger) 30609
ethyl alcohol, relation of anticonvulsant activity to blood concentration 16714
ganglion-blocking hypotensive agents & reserpine, mechanism of action 15009
glutethimide, hydroxydione succinate & methypyrylon on central polysynaptic mechanisms in cat 13465
histamine & serotonin, comparative edematigenous action in vitro (It) 13506
iproniazid on spontaneous motility of rats, comparison with mechanism of action of amphetamine (It) 1949
mechanism of action, neurophysiol. principles, review (Ger) 51278
mescaline-induced stereotyped responses for investigating other drugs with CNS activity in mice 5756
3-methylchromosne (It) 27431
pharmacol. of psychol. processes, methodol. considerations from point of view of clin. psychoanalysis, review 8354
pregnane-21-ol-3,20-dione succinate & 17α-methylandrostane-17β-ol-3-one (Fr) 33933
psychother. & psychotomimetic drugs, review 8350
psychotonic drugs (Fr) 9200
psychotropic drugs, review 20502
psychotropic substances, classif., chem. & pharmacol., review (Ger) 36932
relation of drugs to reaction components in subjective responses, review 8355
reserpine, exper. study in cats (Fr) 7757
serotonin on rats, rabbits, dogs & monkeys (Fr) 32925
technic for admin. of drugs into carotid & vertebral arteries of intact & freely moving cats 20724
1,2,5,6-tetrahydro-1-methylnicotinic acid amides, in rabbits, comparison with lysergic acid diethylamide (Fr) 28663
tranquilizing agents, conditioned reflex for studying of depressive eff. in exper. animals (Hun) 28783
tranquilizing & stimulating drugs, pharmacol, analysis, review 8345
urazole derivs., exper. study in mice 50283
*effect of radiations on*
radiation tolerance in radiother. of various dis. 31496
*embryology*
ciliary develop. in cells of neural canal of chick embryos, electron microscopy 55623
*extracts*
use as carrier for virus antigens, review 38860
*in various diseases*
hypothyroidism & hyperthyroidism (Fr) 32400
Kaposi's varicelliform eruption, EEG (It) 42634
occup. carbon disulfide pois. (Rus) 33325
periarteritis nodosa 43170
Reiter's dis. 13303
rheum. in child. (Rus) 43544
*metabolism*
(Ger) 19027
γ-aminobutyric acid, inhib. transmitter in CNS, review 49449
α-aminobutyric acid, transmittor of inhib. & excitation 19636
biochem. (Ger) 49640
biochem., hist. of research & application to drug ther. of CNS dis. 67
bromine & calcium, eff. of spinal cord section, radiosterm. (Rus) 49539
carbohydrates, relation of neuroglial & choroid plexus ependyma in vertebrates, histol. (Ger) 34411
chem. composition 15683
desoxyribonucleic acid incorporation of adenine & orotic acid in non-dividing cells in cat neuraxis 16965
disord., property of CSF in 21720
33062
imidazoles in lower vertebrates (It) 1873
nitrogen-containing phosphate ester levels in rats & hens 5471
nucleic acid & protein turnover in mammalian neuraxis, radioautography 40594
phosphatases, histochem. distribution in rat 15686
proteins in rabbits, radioautography (Ger) 47905
proteins, radiosulfur autoradiographic determ. in rat & rabbit (Ger) 32682
sulfhydryl cpds. (Rus) 37141
*neoplasms*
angiosarcoma, multiple (Ger) 23102
dysembryoma, case reports (Fr) 35233
metastatic from retinoblastoma, indic. for combined intra-orbital & intracranial removal of affected optic nerve 46450
teratoma 54756
*pathology*
in acrid. & violent deaths (Fr) 35228
in anorexia, case reports (Fr) 35246
in Asian influenza 28603
in cryptococcosis (Sp) 21169
in exper. cerebral ischemia in young rats (Cz) 44877
in fatal case of catatonic schizophrenia (Rus) 34739
in intrauterine asphyxia & asphyxia neonatorum induced by blood circ. disord. in dogs (Rus) 46815
in pois. with Latrodectus tredecimguttatus venom in guinea pig (It) 32116
in pulm. tuberc. (It) 39692
in trichloroethylene pois. in dog 17805
in visceral lupus erythematosus causing minor chorea (Ger) 373
multiple symmetrical necroses in fatal infect. of unknown etiol. in native child (Fr) 39036
physiopathol. in compulsive synd. (Fr) 44756
*physiology*
afferent electrophysiol. connections with thyroid gland (Rus) 37195
centrencephalic integrating system 2033
CNS processes in pathogen. of virus dis. (Ger) 11183
CNS response to stimulation to peripheral unmyelinated C fibers in cat 5509
CNS-thyroid relation (Cz) 38298
deafferentation causing disord. of wakefulness, sleep & consciousness (Cz) 38346
depression of activity, mechanisms, review 8344
eff. of central inhib. on reactivity to cold (Cz) 48621
eff. of decerebration & subsequent spinal transection on knee jerk of cat 36609
eff. of diencephalic lesions in dogs (Rus) 36986
eff. of exper. vitamin B2 defic., histopathol. & histochem. (It) 32139
eff. of stimulation of afferent nerves & extero- & interoceptors on inhib. & irritation correlation (Rus) 49527
eff. of stimulation on growth & food intake in young rats (Cz) 38190
eff. of temporary exclusion on tachyphylaxis (Rus) 55758
eff. of transpl. of antag. musc. on neural relationships (Rus) 49549
electrophysiol. basis for neuropharmacol., review 49448
etiol. role in exper. shock after heterologous blood transfusion, review (Pol) 32178
excitation & inhib. patterns after inject. of substances into cerebral ventricle of conscious cats 46685
extrahypophysial neuraxial neurosecretory pathways, relation to CNS action of posthypophysial hormones, review (Fr) 50777
higher nerv. activity changes in two-minute clin. death in dogs (Rus) 53947
higher nerv. activity disord. caused by micrococcal toxin, eff. of penicillin (Rus) 36406
higher nerv. activity, eff. of blood transfusion & protein hydrolysate BK-8 in rats (Rus) 11519
higher nerv. activity, eff. of estrus cycle on dogs & monkeys (Rus) 49564
higher nerv. activity, eff. of oxygen ther. of hypertension (Rus) 33235
higher nerv. activity, eff. of type on motor chronaxy in exper. tuberc. (Rus) 7802
higher nerv. activity, eff. on gastric secretion in vitamin B1 defic. in dogs (Rus) 1740
higher nerv. activity in adult rats exposed to ionizing radiations in utero (Rus) 37182
higher nerv. activity in adult rats in normal cond. & after postnatal cerebral cortex excis. (Cz) 38179
higher nerv. activity in internal dis. & in regulation of funct. of internal organs (Rus) 28802
higher nerv. activity in ment. disord. caused by hypertension (Rus) 33248
higher nerv. activity in pathogen. of exper. diabetes in rats (Rus) 31155
higher nerv. activity in pregn. white rats (Rus) 13182
higher nerv. activity in rats, eff. of tuberc. (Ger) 34341
higher nerv. activity in scarlet fever (Rus) 7895

higher nerv. activity, physiol. & pathol. (Rus) 55188

higher nerv. activity, relation to blood bromides in monkeys (Rus) 11512

higher nerv. activity, relation to consciousness in dogs (Rus) 55180

higher nerv. funct. integration by cortical & subcortical mechanisms (R) 8585

higher nervous activity, comparative study of various methods of evaluation in hogs (Rus) 11518

higher nervous activity develop. in child., Sechenov's theories (Rus) 7939

higher nervous activity, eff. of unpulse ultrahigh-frequency electromagnetic field (Rus) 37205

higher nervous funct. in hypophyseal-utero-ovarian response to eff. of amphetamine on pregn. tests in impuberal rats 9461

inhib. eff. of noxious stimulation, relation to pain perception & pain extinction 11660

interneuron membrane potential changes accompanying excitation & inhib. during natural activation, in cats 35380

irritability, relation to adrenal weight in animals (Cz) 38259

J. von Neumann's concept (Cz) 48604

method of creation of isolated brain with intact spinal cord (Fr) 9247

neurosecretory system, anat. & physiol., review 33126

neurotrophic factors in blood vessel permeability (Rus) 52953

pathway of tetanus toxin to CNS 46443

permeability to sodium, eff. of radiations 50016

regulation of aldosterone secretion, review (Ger) 54359

regulation of blood sugar (Rus) 13841

regulation of kidney funct., review (Rus) 33484

regulation of leukocyte reaction after intravenous admin. of various agents in rabbits (Ger) 46119

regulation of motor funct. (Ger) 44933

relation to milk ejection, review 53472

relation of typol. characteristics & funct. cond. of NS to morphol. of induced sarcomas in rats (Rus) 33604

reticulocyte count regulation (Ger) 30593

simple microelectrode for recording from single cells 19608

structural mechanisms, role in psychother. 759

substance P, eff. on peristaltic reflex of isolated guinea-pig ileum 14135

transm. mechanisms 35937

## CENTRIFUGATION

density-gradient centrifugation in estimation of sedimentation constants for viruses 10857

fractionation of cell suspensions in electromagnetic force field 7223

gradient differential centrifugation for rapid fractionation of particulate systems 27395

sucrose gradient centrifugation in fractionation of cell types in Ehrlich ascites tumor fluid 31286

ultracentrifugal analysis of blood proteins & lipoproteins in humans, method 46376

ultracentrifugal method for analysis of blood lipoproteins 23343

zinc sulfate centrifugation flotation technic as routine diag. procedure in exam. of fecal specimens for parasites & eggs 54835

### *apparatus and instruments*

breaker tray for direct sediment determ. in fast-running angle centrifuge (Ger) 46180

new centrifuge for concentration of malignant cells from vaginal washings 35265

new models (Ger) 53320

small animal centrifuge for use in psychol. laboratories 792

threshold centrifuge, construction & applications 46703

*CENTROSOME see* CELL NUCLEUS

## CEPHALOSPORIUM

### *effect of drugs on*

methionine on form. of synnematin B 13388

### *infections*

in laboratory frogs (Hun) 41637

### *metabolism*

salmosynnematum in chemically defined media, prod. of synnematin 16876

salmosynnematum, sulfur utilization in synnematin prod. 16878

## CEREALS

amino acid content (Rus) 22680

carbohydrate content, review 43288

colloidal oatmeal powder impregnated by emollient oils, ther. use in pediatric skin dis. 36698

in African households 39178

## CEREBELLAR CORTEX

### *anatomy and histology*

Golgi cells in synaptic system (Rus) 47878

morphol. of synapses in rat, electron microscopy 15695

### *diseases*

olivopontocerebellar atrophy, with locus caeruleus, pathophysiol. (Ger) 25374

### *metabolism*

lipid content of Purkinje cells, in rats (R) 37333

### *physiology*

afferent systems, comparison with & relation to afferent system of cerebral cortex 41918

optically evoked potentials in cat, funct. properties 50940

response to cerebellar stimulation, comparison & interrelation to peripheral musc. response in cat 25977

## CEREBELLOPONTILE ANGLE

variations in site of acoustic tumors 23801

### *cysts*

cholesteatoma (Fr) 35236

cholesteatoma, case report 4951

cholesteatoma, unilateral, with spontaneous rotatory nystagmus 100

### *diseases*

caused by neurilemmoma of acoustic nerve, labyrinth physiol. & diag. value (It) 13494

cerebellopontile angle synd. caused by cranial metastasis of multiple myeloma (Fr) 7059

regressive synd. of cerebellopontile angle (Fr) 51520

### *neoplasms*

diag. (Fr) 9198

diag., directed cisternography (Ger) 34607

differ. diag. from Ménière's dis., otitis interna & insuff. of basilar artery 43703

electrogustometric exam. in 52580

neurofibroma, causing sudden deafness, case reports 46477

## CEREBELLUM

*see also* CEREBELLAR CORTEX

### *abnormalities*

develop. disord. of cytoarchitecture (Ger) 37165

### *abscess*

caused by otitis media (Rus) 10766

diag. & ther. problems (Rus) 45726

### *anatomy and histology*

neurodendrite & synaptic connections in cats & guinea pigs (It) 33926

### *blood supply*

circ. disord. (Pol) 30077

inferior & superior posterior cerebellar artery thrombosis, follow-up 7391

superior cerebellar artery thrombosis (Rus) 46292

thrombosis of posterior inferior cerebellar artery of syphilitic etiol. 14178

### *diseases*

ataxia, acute isolated, in child, recovery (Fr) 44727

ataxia, eff. of exper. vestibular system damage in monkeys 12932

ataxia, Hartnup dis. (Ger) 28943

ataxia in Turkish med. literature (Fr) 44732

ataxia of undetermined origin in child. 162

ataxia,vestibulocerebellar, with retinitis pigmentosa & deafness, clin. & genetic study 23718

atrophy, diag. by pneumoencephalography (Ger) 25384

caused by infect. hepatitis (Rus) 34704

cerebellar seizures in influenzal encephalitis of mesencephalic type, case report (Fr) 27328

cerebellar synd. & relation to vestibular synd. (Fr) 44721

cerebellar synd., comparison with vestibular synd. (Fr) 44734

cerebellar synd., eff. on eye movements (Fr) 44737

cerebellar synd., eff. on speech, oscillography (Fr) 44736

cerebellar synd. in adult, review (Fr) 44719

cerebellar synd. in child, review (Fr) 44720

cerebellar synd. in Hodgkin's dis. in child (Rus) 20297

cerebellar synd. in Korsakoff synd. (Fr) 44730

congen. hypertrophy in 2-year old child (Fr) 35250

degen., eff. on eye movements (Fr) 44728

dyssynergia cerebellaris myoclonica (Fr) 44733

hypoplasia in inf., with systemic degen. 5496

Marinesco-Garland-Sjögren synd. (Fr) 44749

spinocerebellar degen. causing amyotrophia (Sp) 27223

temporary cerebellar synd. of possible malarial origin, case report (It) 25694

### *function tests*

hypermetria tests (Fr) 44731

### *hemorrhage*

spontaneous (Nor) 43249

### *infarction*

spontaneous (Nor) 43249

### *metabolism*

enzymes, post-mortem quantitative histochem. determ., eff. of fever & uremia on validity in exper. animals 41204

### *neoplasms*

astrocytoma in inf. (Rus) 22667

medulloblastoma, in adults (Cz) 38204

with cerebral palsy, case report 30644

with polyglobulia (Fr) 37936

### *pathology*

in tuberous sclerosis (Fr) 44729

### *physiology*

eff. of other convulsions in cat & monkey 27321

eff. of median sagittal section on posture, equilibrium, gait & movements of legs, in dogs (It) 1524

eff. of secondary branchium conjunctivum lesions on subthalamic hyperkinesis in monkey 5514

eff. of section of peduncle fibers on cerebellar cortex response to stimulation of optic tract in cats (It) 48118

eff. of stimulation of cerebellar nuclei on neuromusc. spindles (Fr) 44735

eff. of stimulation on cerebellar cortex & peripheral musc., comparison & interrelation in cat 25977

eff. of stimulation on movements (Rus) 48000

efferent projections from cerebellar nuclei to brain stem of cat 28307

electrical activity in frog studied by micro-electrode 38814

electrical responses of peduncles after stimulation of optic tract in anesthetized cats (It) 48117

electrical responses of peduncles after stimulation of optic tract in unanesthetized cats (It) 48116

exper. cerebellar lesions causing convulsive attacks in rabbits (Fr) 32043

growth, myelin form., maintenance & degen. in cultures of newborn rat & kitten cerebellum 16941

monitor of communication between brain & body demonstrated by mapping of its electrical circuits, review 9613

regen. in dorsal spinocerebellar tract of cat 28302

relation to vestibular appar., review (Fr) 44721

resp. eff. of stimulation in monkeys as possible method for bioassay of drugs 52577

review (Fr) 44722

review (Nor) 43212

### *surgery*

excis. of cerebellar nuclei causing paralysis of downward movements of eyeball (Ger) 39041

## CEREBRAL ANEURYSM

congen. arteriovenous (It) 42719

diag. & clin. picture (Rus) 28811

saccular aneurysm of arteries, assoc. with arteriovenous angioma 51022

### *case reports*

congen., with coarctation of aorta, in 14-year-old child, clin. pathol. conf. 47776

double arteriovenous aneurysm, with temporodiencephalic epilepsy (R) 42718

middle cerebral artery 11864

post-traum. carotid artery aneurysm with bilateral involvement of cranial sinuses veins, case of late develop. (Fr) 35245

rupt. aneurysm of circle of Willis with polycystic kidneys 11639

sylvian artery, congen. (Sp) 8676

### *complications*

parietal synd. (Sp) 21250

posterior fossa, arteriovenous, causing trigeminal neuralgia 15836

subarachnoid hemorrh., review 7384

### *diagnosis*

angiography, with cinematography (Ger) 33846

minute aneurysms detected by microdissection of basal cerebral arteries 23959

supratentorial arteriovenous, clin. symptomatol. 5521

### *etiology and pathogenesis*

sylvian artery, posttraum. (Fr) 19771

### *in infant and child*

case report (Rus) 45157

### *rupture*

caused by fall, with fatal hemorrh., autopsy findings 51568

causing hemiplegia, progn. for recovery after surg. 51320

in subacute bact. endocarditis (Fr) 41130

pathol., diag. & surg. 1207

supra-clinoid. surg. indic. (Fr) 19768

### *surgery*

9821

cervical carotid ligation, effectiveness & risks 6138

under artif. hibernation, fatal case of perop. compl. 19888

### *therapy*

basilar (Dut) 29977

comparison with surg. 19806

## CEREBRAL ANOXIA

### *complications*

cortical blindness with partial recovery after acute cerebral anoxia from cardiac arrest 23434

syncope, differentiation from epilepsy & rehabil. (Fr) 37778



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

*dology and pathogenesis*

hyperventilation with pure oxygen, paradoxal action 4696

*experimental*

CNS morphol. changes after ligation of carotids in young rats (Cz) 44877

eff. of artif. hibernation on cerebral resist. to anoxia in dogs (It) 42540

eff. of prolonged anoxia on EEG in cats (Fr) 48916

eff. on metab. processes in brain at normal & reduced temperatures in rabbits (Ger) 5473

*in infant and child*

anoxic convulsions, EEG, cardiovasc. & resp. manifest. (Fr) 54080

anoxic convulsions, EEG differentiation from epilepsy 27317

**CEREBRAL CORTEX**

*see also* ELECTROENCEPHALOGRAPHY

*see also* HIPPOCAMPUS

*anatomy and histology*

cell thickness & intercellular organiz. (Ger) 49121

cytoplasmic basophilia in nerve cells of cerebral cortex, methodol., review 35021

delicate histol. structures participating in closing funct. (Rus) 37313

dendrite-vasc. connections (Rus) 13569

histol. differentiation of cells of cerebral cortex in rabbits (Rus) 13869

method for tissue culture of cortical neurons of frontal lobes of rabbits & monkeys (Fr) 44751

neocortex form., classif. (Rus) 34818

siderophile & siderophobe cells (Ger) 34220

*blood supply*

eff. of intracerebral obliteration of cortical veins & arteries in animals (Rus) 46390

*diseases*

causing disord. of voluntary movement (It) 32122

funct. disord. causing cardiac erethism, clin. aspects & ther. (Rus) 44003

*effect of drugs on*

L-amino acids & their guanidino deriv. on spontaneous & evoked cortical activity in regions of blood-brain barrier destruction in cat 37323

anesth. on electrical activity 50229

anesthetics on cortical dendritic spike & its slow potential aftermaths 50910

chlorpromazine, histol. eff. on Nissl substance & Golgi appar. of cortical neurons in mice 20749

chlorpromazine, lysergic acid diethylamide & reserpine on conditioning & habituation to arousal stimuli in cats 42975

edathamil on suspensions of rat cortex mitochondria 19587

eff. of various agents on ultraslow oscillation of cortical potentials (Rus) 49517

epinephrine on neurofibril form. in adult rabbit cortical neurons in tissue culture 52299

levallorphan on electrical activity in dogs (Ger) 36483

lysergic acid diethylamide, on focal convulsion potential in rabbits (Ger) 30556

meprobamate & pentobarbital on cortical response to auditory stimulation in cat 51073

morphine, on electrical activity of isolated fragment of cortex of dogs predisposed & not predisposed to reflex epilepsy (It) 36801

neuronal depressants on recruiting dendritic & optic radiation-activated response after-effects in cat 27322

pentylenetetrazole & caffeine, mechanism of convulsant activity (Fr) 5763

vitamin B complex in active & free rabbit (Fr) 36770

*metabolism*

accumulation of analgesics in rat cortex in vitro, relation to in vivo action 5487

acetylcholine, in cortex of dogs predisposed & not predisposed to reflex epilepsy, in vitro study (It) 36773

acetylcholine metab. in tissue from epilepsy-predisposed dogs, eff. of asparagine & glutamine (It) 1902

acetylcholine metab. in tissue from normal & epilepsy-predisposed dogs (It) 1901

γ-aminobutyric acid as substrate for oxidative metab. in cerebral cortex 47104

4-C14-3-methyl-5-phenyl-5-ethyl-hydantoin, in mice (Fr) 26931

carbohydrate metab. of rat cortex slices, eff. of various benzhydryl ethers & influence of histamine 310

eff. of 2-desoxyglucose on metab. of cat slices in vitro 50924

endogenous metab. in brain cortex slices 7125

phosphocreatine level relation to cortical polarity, exper. in rats 52342

phosphorus concentration after intravenous admin. in cats & man, radiodeterm. 52575

proteins, eff. of lysergic acid diethylamide in growing rats, comparison with lysine (Ger) 26991

*pathology*

laminar necrosis, status spongiosus & total destruction of intermediate cortical gray matter (It) 32154

piloid gliosis, histol. 17804

postmortem histopathol. study of vasc. changes in polycythemia vera 3352

*physiology*

afferent systems, comparison with & relation to afferent system of cerebellar cortex 41918

area striate action potential changes by photic & electrical stimuli in hypothermia (Ger) 30548

auditory & motor areas electrical funct. during form. of motor defense conditioned reflexes (Rus) 11521

autonomic funct. (Rus) 34725

characteristics of some points of cardiovasc. & resp. representation in sheep cortex 28836

comparative postcentral cutaneous tactile areas in monkeys with tails of moderate prehensile & of elaborately prehensile ability & afferent projections to precentral granular cortex 5519

compound response in somatic area II to electrostimulation of ipsilateral somatic area I in cat 50937

convergence within pathways to cat's somatic sensory cortex activated by mechanical stimulation of skin 41341

convulsive excitability, relation to reticular system of brain stem, eff. of ethyl alcohol & barbiturates in rats (Ger) 33984

correlation of medial thalamic nuclear activity with cortical & subcortical neuronal area, exper. in monkeys 28308

cortical & subcortical mechanisms in integration of higher nerv. funct. (It) 8585

cortical areas responsive to stimulation of contralateral & ipsilateral radial & saphenous nerves in cats 28558

cortical response to electrostimulation of lateral geniculate radiations in cat with implanted electrodes 50945

cortical response to photic stimulation (Fr) 54094

cortical response to photic stimuli, eff. of frequency of stimulation (Fr) 54096

cortical satiation in perception & abstraction 46971

cortical spread of after-discharge in monkey 27324

cortical unit responses to visual stimuli in nonanesthetized cat 687

corticospinal mechanisms in neurogenic hypertension (Sp) 9071

cortico-spinal responsiveness during arousal of cats from sleep, EEG aspects 12528

direct response to electrical stimulation, regional difference determ. in rabbits 50072

disturbances of maze habit following occipital cortex removals in blind monkeys 34096

dynamic changes & role in regulation of blood sugar (Cz) 21553

eff. of ablation of somatic receiving areas I & II on learning, grasping behavior & touch in monkey 40736

eff. of anoxia, comparison with reticular activity (Fr) 15129

eff. of antidromic pyramidal stimulation on Betz cells of cerebral cortex in cats 53693

eff. of area 4 lesions on motor funct. restitution in monkeys under phenobarbital narcosis 52587

eff. of conditioned reflex overstrain on interoceptive cortical point (Rus) 11513

eff. of cortical excis. on develop. of oxygen utilization after exper. hypoxia in rats (Cz) 9497

eff. of decortication on estrus cycle in rats (Rus) 38793

eff. of decortication on resist. to anoxia (Cz) 38200

eff. of early postnatal decortication in rats on survival in nitrogen atmosphere (Cz) 21566

eff. of electrostimulation of optic nerve on visual cortex neurons in cats (Ger) 25378

eff. of epileptiform reactions in rats on motor region, registration with implanted electrodes (Rus) 23269

eff. of excis. in postnatal period on higher nerv. activity in adult rats (Cz) 38179

eff. of excitation on exper. skin wds. healing (Rus) 37218

eff. of exper. funct. disord. on carbohydrate metab. in dogs (Cz) 9496

eff. of funct. disord. on course of phenylhydrazine-induced anemia in rats (Rus) 13847

eff. of glucose on develop. of cortical inhib. in dogs (Cz) 21568

eff. of hemidecortication on carbohydrate metab. in rat 29529

eff. of induced hypothermia on cortical excitation in dogs (Fr) 26855

eff. of inhib. & stimulation, electrophysiol. (Rus) 23266

eff. of inhib. & stimulation on intestinal absorp. (Rus) 15764

eff. of interoceptive stimulation in hypothermia on electrical responses (Rus) 7801

eff. of interruption of neocortical connections on cortical ends of visual & motor analysers (Rus) 49531

eff. of lesion ventral to auditory area II on histol. of caudal medial geniculate body in cat 40732

eff. of massive electrostimulation on single visual cortex neurons in cats (Ger) 25379

eff. of midbrain lesions on spontaneous activity of Betz cells in cat 5511

eff. of optic nerve section & destruction to lateral geniculate nucleus on cortical response to lateral geniculate radiation stimulation in cats 44968

eff. of photic stimulation, sites of reaction in pigeons (Rus) 23370

eff. of polarization on stomach motor funct., x-ray (Rus) 1749

eff. of reinforcement of dominant focus of motor region by photic stimuli on electrical activity of visual & motor regions (Rus) 23268

eff. of stimulation of motor cortex on electrical activity of phrenic & median nerves in cat (Fr) 36605

eff. of stimulation of reticular form. on sensory responses of mesencephalon in cat (Fr) 260

eff. of stomach stimulation on electric activity (Rus) 49537

eff. of substance P on electric activity in rabbits (Ger) 29930

eff. of unilateral posterior ablation on spontaneous reorganiz. in rat, relation to stimulation 17081

electric potentials in brain dia. manifesting as somesthetic disord. (Fr) 44745

electric response of neuroglia in cat 21721

electrical activity before & after exper. convulsions in dogs, eff. of mephenesin (It) 37433

electrical activity in patients with brucellosis (Rus) 46347

electrical activity of visual cortex, exper. studies (Ger) 45948

electrocorticographic manifest. of responses to photic stimuli in rabbits before & after local microtrauma to cerebral cortex (Ger) 39044

epileptogenous capacity after elimination of afferent pathways (It) 19247

excitation, inhib. & coordination of cortical neurons in cat 15694

exper. develop. of funct. disord. in dogs (Cz) 21564

extracranial responses to acoustic clicks in man 21722

funct. & structural relationship of ascendant reticular & recruiting thalamic systems (Fr) 27853

in audiogenic convulsions in rat (Cz) 38188 38189

in audiogenic seizures in rat, cortical acoustic centers (Cz) 38190

in space perception (Rus) 49546

inertia of excitatory processes in rat induced by streptoc. infect. (Rus) 34715

inhib. & irritation processes (Pol) 24047

inhib. of Betz cell activity by thalamic & cortical stimulation in cat 5512

local bio-electric responses in man, relation to generalized reactions in conditioned reflex activity (Rus) 49521

localized responses in auditory cortex to brief tones in high level noise in dog 35832

memory cortex funct. studied by electric cortical stimulations in temporal epilepsy (Rus) 4131

method of controlling amplitude of cortical pulsations without eliminating them entirely 27334

motor reactions, bio-electric aspects (Rus) 49525

neopallium excis. in early postnatal period in rats, eff. on cond. reflexes (Cz) 9494

on- & off-response of human visual cortex, EEG 43347

organiz. of visual afferents, small spike discharges on slow components of direct cortical response 50936

parietal responses to photic & acoustic stimuli (Rus) 49520

post-discharges after electrical stimulation of reticular form. 34834

potentials evoked by diffuse & punctiform photic stimulation in cat 5517

progr. sensitization after partial deservation & residual afferent aspects (Fr) 15149

projection of impulses in myelinated cutaneous afferent nerve fibers in cats 5782

reciprocal action of visual & auditory analysers in ment. disord. (Rus) 34719

regional differences in seizure susceptibility in cat cortex 23408

regulation of laryngeal funct., exper. study on hysterical aphonia 1196

relation of inhib. & irritation to tonus (Rus) 11517

relation of gustatory area to sensorimotor centers, demonstration by gustatory stimulation with EEG in cats & dogs (It) 37504

relation of positive & negative aspects of cortical funct. to tremor 52702

relation to thalamus based on induced slow potential changes in cat 5520

reticular form. facilitation of cortical responses & cortico-reticular interaction as factor in arousal (Fr) 41332

rhythmic cortical post-discharge as response to photic stimuli (Fr) 54095

sensory responses of pyramidal motor cortex & prolonged facilitation by stimulation of hippocampus in rabbits (Fr) 48859

short-latency components of extracranial responses to acoustic clicks 21722

signaling system characterization by Rorschach test (Rus) 46339

signaling systems, determ. by hypnosis & amplitude change of heart contractions (Ger) 20844

signaling system in work, eff. of train. factor (Cz) 38194

signaling systems, interaction (Rus) 11511

specific & non-specific interactions with thalamus (Fr) 35241

spreading depression, brain metab. (Cz) 38185

spreading depression, eff. on brain glycogen content in rats 5495

spreading depression, electric & metab. correlations (Cz) 38182

spreading depression in study of conditioned reflexes (Cz) 38180

spreading depression, mechanical causes (Cz) 38183

38184

spreading depression, non-specific projection from subcortex to cortex (Cz) 38181

spreading depression of Leão, correlation with scotomas of migraine 27326

testicular atrophy induced by lesions of cerebral cortex in rats (Fr) 38730

***wounds and injuries***

exper. lesions, eff. on behavior of rats 46687

histol. changes in thalamic nuclei following cortical lesions 45362

## CEREBRAL EMBOLISM AND THROMBOSIS

***see also*** SINUS THROMBOSIS

etiol. & ther. 14955

fat embolism (Pol) 53136

fat embolism, review (Ger) 15880

***case reports***

internal carotid thrombosis (Ger) 44917

perifocal thrombosis after brain surg. (Fr) 19778

superior cerebellar artery (Rus) 46293

sympt. in anterior & middle cerebral artery thrombosis (Rus) 45144

Wallenberg's synd. (Fr) 41439

***complications***

coronary dis. & peripheral arterial insuff., case reports (It) 3862

hemiparesis in ipsilateral internal carotid thrombosis (Ger) 54327

hippocampal ischemia in threatened thrombosis causing amnesia for life experiences, case reports 37816

myocardial infarct 4015

paroxysmal auric. fibrill. in apparently normal heart, case report 19877

***diagnosis***

internal carotid artery thrombosis, diag. problems 3333

***differential diagnosis***

thrombosis of internal carotid artery with apoplectiform onset in adolescent (Ger) 46053

***etiology and pathogenesis***

pre-thrombotic lesions (Rus) 21880

thrombosis of posterior inferior cerebellar artery of syphilitic etiol. 14178

***in aged***

causing ment. disord. 48175

***manifestations***

basilar artery, clin. aspects & arteriographic findings (Ger) 7375

basilar artery insuff. synd. (Fr) 262

EEG changes in acute brain stem vasc. lesions 52576

***pathology***

venous & sinus thrombosis (Ger) 44920

***physiology***

compensatory processes, angiographic demonstration (It) 32472

EEG (Rus) 46295

glutamic-oxalacetic transaminase in blood & CSF in (Sp) 31006

***statistics***

inferior & superior posterior cerebellar arteries, follow-up 7391

on course & progn. 24073

***therapy***

(Rus) 28809

anticoagulants 25835

anticoagulants (Rus) 28810

anticoagulants in thrombosis 25832

anticoagulants in thrombosis (Fr) 25834

anticoagulants, prev. ther. 25831

fibrinolysin (It) 54216

management 4012

## CEREBRAL HEMORRHAGE

***see also*** SUBARACHNOID HEMORRHAGE

(Dut) 37031

chronic subdural hematoma, etiol. & pathol. (Sp) 19779

clin. forms & ther. (Sp) 44500

diag. & ther. 7941

47786

diag. & ther. (Fin) 21989

etiol. & ther. 14955

etiol., diag. & ther. 49652

etiol., diag. & ther. (Sp) 2946

hematomas, diag. & surg. 6135

hemorrh. of fifth ventricle, eff. on lungs (Fr) 30474

incidence according to age, manifest. & ther. (It) 29650

increasing incidence & etiol. (It) 30677

pathogen., differ.diag. & ther. (Ger) 46068

physiopathol., diag. & management, review 31594

review 24977

spontaneous intracerebral hematoma (Dut) 7327

subdural hematoma 3399

subdural hematoma & intradural hemorrh., medicolegal aspects in relation to cranial trauma (It) 21462

subdural hematoma, chronic, in adults 18717

subdural hematoma, diag. & ther. (Ger) 45986

***case reports***

(Fr) 31998

after craniocerebral inj. with necrosis of asympt. pituitary adenoma (Ger) 44930

epidural hematoma after cranial trauma, prolonged absence of symptoms (Ger) 45961

fatal, in 25-year-old man with dissecting aortic aneurysm 50000

fatal, with rupt. of cerebral aneurysm, autopsy findings 51568

subdural hematoma, x-ray aspects in young patients (Fr) 43116

subdural hematomas simulating acute cerebral attacks (Ger) 45957

with angioma of brain, x-ray diag. 38519

***complications***

cortical sensory aphasia (Ger) 46048

deafness, sudden, case reports (Ger) 21596

exophthalmos due to infratemporal subdural hematoma 46466

heart dis., statist. 20810

intrapontile hematoma with blocking of CSF, case report (Por) 25771

meningeal hemorrh. with subsequent Ménière's dis., ther., heparin (Fr) 31930

visual pseudo-hallucinations, confusion & compulsive neurosis, case report (It) 54274

Wallenberg's synd. caused by massive medullary hemorrh., case report 10695

***diagnosis***

angiography in traum. hematoma (Fr) 6286

angiography of spontaneous hematoma (It) 42726

blood pressure determ. (Ger) 35585

EEG (Fr) 54103

EEG (Sp) 19781

EEG & ophthalmol. exam. in localization of hematomas (Fr) 31995

subdural hematoma, EEG findings (Fr) 27024

subdural hematoma, rheoencephalography (Ger) 33865

x-ray of traum. bilateral hematoma (Fr) 41395

***differential diagnosis***

hematoma, from hyponatremia & hypochloremia in head inj. 11663

hypertension & other seq. after repeated blows to head, case report & medicolegal aspects (Sp) 31829

thrombosis of internal carotid artery with apoplectiform onset in adolescent (Ger) 46053

***etiology and pathogenesis***

arteriosclerosis & hypertension, pathol. (Rus) 46291

leukemia causing multiple small hemorrh. (Rus) 6046

lightning stroke causing epidural hematoma 30109

massive, caused by subdural puncture in inf. 7401

periarteritis nodosa, case report (Tur) 33001

subdural hematoma following bishydroxycoumarin ther., case reports 36253

***experimental***

prod. by glycerin inject. in mice 51025

***in aged***

adrenal cortex hormone ther. in hemorrh. with predominant involvement of brain stem 4434

subdural hematoma 16631

***in infant and child***

alterations in long bones of inf. in chronic hematomas (Fr) 18013

chronic membrane problem in subdural collections of fluid 26645

clin. & ther. aspects of chronic subdural hematoma (Fr) 7389

in newborn, manifest., pulm. dis. & resp. disord. 24895

meningeal, in weak & premature inf., histopathol. & clin. aspects (Fr) 6944

subdural hematoma, chronic (Ger) 45959

subdural, in hypernatremia in inf. 43511

traum. extradural, case report 18751

***manifestations***

clin. features & EEG in spontaneous hematomas 52584

solitary coralliform calcifications as manifest. of old cerebral hematomas (Fr) 53434

***pathology***

soft foci (Rus) 46293

***physiology***

blood & CSF enzyme determ. (Ger) 33829

EEG (Rus) 46295

orthostatic blood pressure disord. (Ger) 7372

***statistics***

clin. statist. (Cz) 2785

hosp. statist. (Rus) 46294

in young persons 24978

***surgery***

cerebellar epidural hematoma (Ger) 34612

removal of hematoma (Ger) 15335

spontaneous hematoma, indic. & technics (Sp) 20659

***therapy***

ACTH intravenous drip infusion (Rus) 7703

benzyl cinnamate solution, with vitamin A 39780

emergency ther. (Fr) 3155

management 4013

management (Fr) 29189

med., psychol. & soc. management (Fr) 13479

## CEREBRAL PALSY

classif. & etiol. (It) 42729

definition, incidence & problems of epidemiol. research (Fr) 265

dent. management of adult cerebral palsy patients 28108

diag. & ther. in Belgium (Fr) 366

etiol. & management 48167

glossary of terms in cerebral palsy 14631

nursery school for child., 5-year follow-up 7849

progn., ther. & soc. problems (Ger) 18916

***case reports***

in one of monozygotic twins, physiol. & psychol. studies in three sets of twins (Fr) 10656

with secondary cerebellar tumor in child 30644

***complications***

convulsions & ment. defic. (Dan) 45490

convulsions, statist. 14558

equinus deform., correction 40615

flexor contractures of knee joint, surg. (Rus) 43288

multiple associated handicaps in palsied child. 17926

spastic talipes equinus, surg. indic. & results (Sp) 25947

***diagnosis***

early diag. 15257

pneumoencephalography, in child (It) 29686

***etiology and pathogenesis***

birth inj., clin. & histopathol. aspects 50930

porencephalic cysts, bilateral, in inf. with epilepsy & ment. retardation 33513

relation to prematurity 37675

***experimental***

etiol. eff. of maternal pentobarbital on cerebral palsy in newborn guinea pig 30641

***manifestations***

elbow flexion contracture, case for aiding patient's standing balance 30645

movement disord., surg. of flexor musc. of knee by Eggers' method (Rus) 7700

spastic & hyperkinetic disord., nosol., diag. & ther. (Ger) 19036

***physiology***

auditory threshold acuity in child., determ. by psychogalvanic skin response 13377

electromyography 47097

physiopathol. of motoneuron reactions (Fr) 9129

speech, prediction of intelligibility 28662

***psychology***

childhood-environment determinism, validity & case report 41355

learning disabilities, case reports 5721

MMPI scores 17145

Raven's Progressive Matrices, types of wrong answers chosen by aphasic cerebral palsied child. 40723

***surgery***

extra-articular arthrodesis of subtalar joint by Grice's method in 16584

gastrocnemius recession, indic. & remote results 16970

indic. for conservative surg. (Pol) 30740

midbrain pedunculotomy in athetoid cerebral palsy, eff. on speech 18094

***therapy***

develop. of motor control for walking 30640

exercise ther. (Sp) 15507

med. & surg. indic. (Fr) 24290

meprobamate, in child., eff. on ability to learn 5729

methods (Fr) 267

neurophysiol. bases of ther. (Fr) 266

Newington brace 48769

phenglycodol 13272

phys. ther., neuropkysiol. approach, Bobath technic 8018

program & statist. at Nebraska State Orthopedic Hosp. 52462

rehabil. (Fr) 17662

rehabil. for control of motor funct. (Por) 43481

rehabil. program in Cuba 45096

role of pediatricians 37946

teaching a blind cerebral palsied child to walk 30643

## CEREBRAL VENTRICLES

*see also* HIPPOCAMPUS

*see also* VENTRICULOGRAPHY

### *abnormalities*

agenesis of septum pellucidum with arhinencephaly causing ment. defic., diag. by ventriculography & case reports 24457

atresia & stenosis of aqueduct of Sylvius, pathol. 50926

atresia of foramina of Luschka & Magendie with hydrocephalus 38586

septum of aqueduct of Sylvius 38005

### *anatomy and histology*

ependyma of choroid plexus in vertebrates, relation to carbohydrate metab. of CNS (Ger) 34411

mast cells in choroid plexus of Ambystoma mexicanum 55616

nerve patterns 23555

### *cysts*

colloid cyst of third ventricle, causing trigeminal sympt. 48395

colloid cyst of 3rd ventricle, clin. manifest., review & case reports 23811

colloidal, of 3rd ventric., surg. (Fr) 19770

septum pellucidum in microcephaly, case report (Fr) 25455

3d ventricle, surg. with posterior cranial fossa approach (Rus) 22669

### *diseases*

schistocecosis (Rus) 10947

enlarged 3d ventricle, x-ray measurement & correlation with pathol. cond. 35405

ependymal dis. in senile patients, histopathol. (It) 37390

hydrops of septum pellucidum, with communication of cavity of septum with spaces of base (It) 8617

occlusion of aqueduct of Sylvius, clin. manifest. & pathol. (Ger) 34604

post-traum. pneumocephalus, case report (It) 15898

psammomatous formations in choroid plexuses, in patients of arteriosclerosis, brain tumors, biliary & pulm. dis. & neoplasms & endocarditis (It) 38712

traum. hydropneumocephalus, case report (Ger) 23209

tumor-forming amyloidosis of choroid plexus invading white matter of brain 17798

varioliform ependymal dis., histopathol. (It) 37391

### *embryology*

develop. changes in interventric. foramen 50297

ontogenesis of nucleus vestibularis in man (It) 32156

### *metabolism*

cholesterol demonstration in choroid plexus in hypercholesteremic rabbit (Fr) 38698

### *neoplasms*

abnorm. affective behavior in patients with tumors of septum pellucidum 50901

ependymochoroidal tumors, pathol. & case reports 2350

hamartoma at base of third ventricle (Ger) 23109

### *pathology*

perimamillary magnocellular nucleus in extensive cancer of stomach 9458

### *physiology*

eff. of lesions of the medial eminence of hypothalamo-pituitary system, anterior pituitary, thyroid & testes of salamander (It) 34424

eff. of physostigmine on hippocampus activity following lesions of septum pellucidum in rabbits (Ger) 43005

### *stenosis*

aqueduct of Sylvius, surg. (It) 51984

### *wounds and injuries*

causing hydrocephalus in adult, case reports (Sp) 31012

## CEREBROSIDES

### *effects*

brain ganglioside on heart of clam 52376

### *metabolism*

cerebroside sulfates, isolation of two substances from brain in metachromatic encephalitis periaxialis & identification as prelipid & storage substances (Ger) 27900

deposition in spleen in Gaucher's dis., isolation & analysis 40484

incorporation of glucose & galactose in rat brain, age factors 28739

## CEREBROSPINAL FLUID

*see also* HEMATO-ENCEPHALIC BARRIER

biochem., review 28550

blood in CSF, differ. diag. value (Ger) 22758

carbon dioxide pressure & pH, eff. on resp. in cats (Ger) 30507

cell count & cytol. exam., diag. value (Ger) 27161

cytol. study using molecular membrane filter 24407

demonstration of eosinophils in CSF with simple sedimentation appar. (Ger) 46802

determ. of origin of protein bodies, radioiodine labeled gamma globulin test (Ger) 18334

eff. of CSF from schizophrenic patients on protozoa (Ger) 48049

eff. on antibact. activity of various antibiotics in vitro (It) 1928

electrolyte variations in various dis. 24082

form. & its relation to cerebral metab. 26646

form. rate, determ. (Rus) 10949

funct. 49218

hypertension, intracranial, review (It) 8651

hypotension, intracranial, relation to venous pressure (Ger) 27156

microelectrophoresis in agargel (Ger) 41765

myeloid cells 41223

otorrhea & rhinorrhea caused by cranial inj. (Fr) 8235

polarography (Cz) 26557

post-shock CSF, anti-anaphylactic & anti-allergic properties (It) 44347

posttraum. CSF otorrhea & rhinorrhea (It) 42720

pre-albumin, origination in neural parenchyma 15805

pressure, benign intracranial 47069

pressure, eff. of continuous removal of fluid 12877

pressure increase by amyl nitrite inhalation, diag. value (Ger) 12098

pressure, relation to blood pressure in hypertension (Rus) 28817

pressure, relation to brain morphogenesis (Fr) 26758

rhinorrhea & otorrhea, spontaneous 51480

rhinorrhea caused by facial fract., diag. & ther. 53020

rhinorrhea caused by temporal bone defect, case report 17540

rhinorrhea in accid. -prone person, case report 11725

rhinorrhea in meningitis & hydrocephalus in hypertelorism, case report (Fr) 44752

salt-losing CSF otorrhea after cranial fract. in child, case report 2251

shunting into circ. system in ther. of hydrocephalus, clin. & exper. aspects 26647

spirochete agglut. test in unselected subjects (Ger) 49086

spontaneous obstruct. of flow, clin. manifest. (Hun) 40051

staining with polychrome methylene blue (Fr) 54454

ultraviolet absorp., determ. (Ger) 27162

### *effect of drugs on*

adrenal cortex hormones in ther. of meningeal tuberc. (Ger) 49101

changes after continuous spinal anesth. 35977

diphenylhydantoin induced changes with meningeal lesions in epilepsy ther., case report 50846

ethyl iodophenylundecylate, subarachnoid inject. in myelography (Fr) 41916

### *in various diseases*

amaurotic idiocy, juvenile type, electrophoresis (Fr) 35253

brain tumors, relation of pathol. findings to tumor type (Ger) 52566

cerebral hemorrh., enzyme determ. (Ger) 33829

CNS dis., demonstration of possible protease substance 34880

CNS dis., eff. of cocarboxylase on ketoacidosis of CSF (It) 3730

CNS disord., glutamic acid levels (Cz) 2786

CNS metab. disord. 33083

exper. encephalitis in rabbits (It) 13998

inflammatory bact. & viral CNS dis., protein levels 24069

intrapontile hematoma causing CSF blocking (Por) 25771

meningitis, acid phosphatase levels (Rus) 34712

migraine, acetylcholine levels 46441

multiple sclerosis, comparative free & esterified cholesterol levels, clin. value 69

multiple sclerosis, cultivation & morphol. of CSF microorganism 35696

multiple sclerosis, failure to isolate Spirochaeta myelophthora 20807

multiple sclerosis, unusual changes (Ger) 32269

neurol. disord., protein levels (Por) 25774

NS dis., diag. value of paper electrophoresis of proteins (Ger) 27176

NS dis. in child., electrophoresis (Ger) 34123

schizophrenia, eff. of inoculation into chick embryos, guinea pigs, mice & monkey kidney tissue culture 26990

schizophrenia, protein levels 3603

34628

*CEREBRUM see* BRAIN

*CEREBRUM see* CEREBRAL CORTEX

*CERTIFICATES, MEDICAL see* RECORDS, MEDICAL

## CERUMINOUS GLANDS

cerumen, bacteriostatic & fungistatic features (Ger) 25336

cerumenex for removal of excessive deposits of cerumen in child. 13486

cerumenolytic eff. of cerumenex, clin. study 29345

*CERVICAL PLEXUS see* NERVES, CERVICAL PLEXUS

## CERVICITIS

(Sp) 20627

### *complications*

dyspareunia & secondary sterility, prev. & ther. (Dan) 23393

### *therapy*

54430

(Ger) 51859

chloroquinaldol (Dut) 43022

oxytetracycline with hydrocortisone, admin., local (Fr) 39759

## CERVIX NEOPLASMS

carcinoma in situ (Sp) 54999

carcinoma in situ, clin. aspects (Dut) 29990

carcinoma in situ, diag. & ther. 37906

classif. & pathogen. (Fr) 21883

cytol. & ther. 1582

diag. & surg. errors 32903

early diag. & ther. 18446

early diag. & ther. (Ger) 23349

early diag. & ther. of carcinoma in situ (Por) 12095

endometriosis of cervix 43304

epidermoid carcinoma, anatomopathol. & clin. study, review (It) 21482

epidermoid carcinoma in situ 36598

epidermoid carcinoma in situ (Por) 53867

27609

27612

epidermoid carcinoma in situ, review (Sp) 8940

histol. classif. & radiother. 20506

incidence & ther. in young women (Ger) 39751

microcarcinoma, incidence, colposcopic aspects & ther. (Ger) 41774

of cervical stump (Ger) 23236

of cervical stump, review & case reports 35875

of stump (Ger) 18523

of stump, after hysterectomy 832

of stump after subtotal hysterectomy (It) 20984

of stump, after subtotal hysterectomy (Sp) 31030

progn. value of systematic urol. exam. before ther. (Fr) 42434

reticulosarcoma, histopathol. & case report (It) 9409

systematic intravenous urography before ther. (Fr) 42436

vaginal cytol. & sex hormones in urine (It) 9399

### *blood in*

C-reactive protein, diag. limitations (It) 33378

proteins in radium & x-ray treated subjects, eff. of antireticular cytotoxic serum (It) 25690

### *case reports*

(Ger) 18075

epidermoid carcinoma in situ of both cervices of didelphic uterus 12392

Gartner duct carcinoma 10264

hamartoma 39936

hypernephroma of portio of cervix (Ger) 25180

sarcoma in young girl (Rus) 12136

sarcoma, reticulum cell, surg. & prolonged survival 31470

squamous cell carcinoma with adenocarcinoma of endometrium 48506

squamous cell papillomas 14760

undifferentiated malpighian epithelioma of the portio vaginalis with papillary cystosarcoma (It) 21494

with tubere. of cervix (Sp) 54993

***complications***

bilateral ureteral obstruct., problems in radiother. 35865

kidney & ureteral stenosis (Ger) 39544

***diagnosis***

biopsy & phase-contrast microscopy in portio cancer (Ger) 33957

biopsy, technics & indic. 27045

cervical biopsy for early diag. (Sp) 39099

colpomicroscopy 24491

colposcopy (Fr) 15178

colposcopy in diag. of in situ cancer (Ger) 24159

colposcopy in early diag. (Por) 15955

colposcopy in early diag. (Sp) 54994

colposcopy with cytodiag. (Ger) 33965

cytodiag. 35761

36580

cytodiag., concentration of malignant cells from vaginal washings by new type of centrifuge 35265

cytodiag. in microcarcinoma & carcinoma in situ (Ger) 3749

cytodiag., methods & patients acceptance 35762

cytodiag. of in situ cancer (Ger) 24157

cytodiag. of invasive & in situ cancer 24156

cytodiag. of invasive & in situ cancer (Fr) 24155

cytodiag. of invasive & in situ cancer (Ger) 24158

cytodiag. of preinvasive cancer (Ger) 25193

cytodiag., significance of site of origin of cells (Ger) 18343

cytol., progn. value (Sp) 54997

determ. of anat. distribution of residual carcinoma, methods 48535

early, comparison of cytodiag. & colposcopy, value of combined use (Ger) 24135

early cytodiag. (Por) 47295

early cytodiag. (Sp) 10401

20648

early diag. (Ger) 11148

49758

54371

early diag. (Sp) 9751

early diag., role of nurse 14728

early, relation between colposcopy, colpocytol. & biopsy (Sp) 54995

exfoliative cytol., statist. 35564

histochem. detection of atypical epithelial cells & carcinoma in situ (Sp) 7577

methods (Fr) 31896

optimum spacing of repeat follow-up Papanicolaou smears 4477

Papanicolau smear test 11063

Papanicolau smear test for total population screening 10463

rapid cytol. method (Sp) 54996

rapid method using fluorescence microscopy 14738

significance of form changes & cervical erosion (Ger) 15423

vaginal & cervical smears 24199

***differential diagnosis***

cervical pregn. (Ger) 11440

epidermoid carcinoma in situ (Sp) 22268

histol. images in cervicitis simulating preinfiltrative cancer (Sp) 54998

***etiology and pathogenesis***

develop. of invasive cancer from in situ cancer, cytol. evidence 24160

in situ origin 24154

male smegma in etiol. of cervical cancer in women & exper. eff. of human smegma in female mice 12382

morphol. aspects (Ger) 47637

neck, relation to castration (Ger) 30280

socio-economic factors 10457

***experimental***

eff. of sex hormones on energy prod. of cervical epithelium in mice (Ger) 33961

evaluation of neoplastic process in mice by quantitative cytol. method 26470

***in pregnancy***

clin. statist. (Sp) 39619

diag. (Fr) 31898

diag. & ther. problems (Fr) 44642

diag., Papanicolaou smear & biopsy 38576

epidermoid carcinoma in situ, delaying of extensive diag. & ther. procedures until puerperal state (Sp) 20049

exacerbation during pregn. & puerperium (Sp) 8708

fibroids, case reports 20061

in pregn. & puerperium, review (Sp) 7593

incidence, diag. & ther., clin. study & review (Por) 8819

review (Fr) 29989

ther. (Sp) 15489

tubal pregn. (Rus) 12130

***metabolism***

phosphorus uptake by cervix before & after ther., radiophosphorus determ. 25994

succinic dehydrogenase (It) 20907

***pathology***

anaplasia, relation to carcinoma in situ, histopathol. & case reports 52822

anepidermoid, electron microscopy (Ger) 30270

carcinoma in situ, relation to anaplasia of cervix 52822

cell perinuclear halo in precancer 35760

connective tissue histopathol. (Ger) 46083

cytopathol. (Ger) 24134

early stromal invasion in carcinoma in situ 11760

epidermization & atypical epithelial hyperplasia in cervical polypi (Ger) 23219

epidermoid carcinoma in situ, histochem. 10093

epidermoid carcinoma, localization (Ger) 11427

epidermoid carcinoma with endometrial involvement, case reports 7605

exfoliative cytol., eff. of radiother., progn. value (Fr) 31894

histochem. (Sp) 22272

histopathol. (Dut) 29988

metastasis, mechanisms (Ger) 34589

phase contrast & fluorescent microscopy (Rus) 46822

polypi, malignant degen. (Pol) 27600

preblastomatoses, clin. significance (Ger) 11431

preinvasive, invasive carcinoma & precancerous states, histochem. exam. (Ger) 11428

squamous cell carcinoma, primary, metastases to bone, case report 3931

urinary tract changes (Rus) 33614

vasc. (Fr) 30031

***prevention and control***

(Ger) 18990

by early diag. & ther. of dystropic disord. of cervix (Fr) 3707

cytol. population screening in private practice in California 22737

cytol. screening 18451

cytol. screening survey in Ohio 20102

early diag. & ther. in cancer survey program 12422

epidemiol. aspects 33432

mass screening, new method 24204

***statistics***

22472

(Sp) 10403

age of appearance (Sp) 54991

clin. statist. of advanced cases (Ger) 38920

increase in 5-year survival rate over 20-year period in Nebraska 53467

relation to circumcision status, validity of questionnaire survey 17779

relation to parity (Sp) 54992

***surgery***

***see also*** HYSTERECTOMY

7995

carcinoma, epidermoid, case reports & minimal ther. 43299

extraperitoneal pelvic lymphadenectomy in grade III carcinoma, with radiother. (Sp) 38538

indic. & technics in invasive cancer 36609

pelvic exenteration (Por) 23733

pelvic exenteration, review 35708

technic & statist. 38060

total pelvic exenteration in advanced cancer, indic., method & remote results (Sp) 38510

results, in carcinoma, 10-year-follow-up (Fr) 39756

statist. 7994

statist. (Rus) 33613

uretero-enterostomy as palliative measure (Ger) 6108

urol. pitfalls in management 5930

***therapy***

epidermoid carcinoma in situ, ther. (Ger) 45947

in gyn. clinic, of University of Helsinki, methods & results, statist. (Ger) 36033

med. & surg. ther. of postop. cancer of cervical stump after hysterectomy (Sp) 20045

radiocobalt & x-rays, simultaneous, immediate results & compl. (Rus) 33611

radiocobalt 60 telether. (Sp) 27222

radiocobalt sterilization of ganglionic metastases (Sp) 27239

radiogold (Por) 23734

radiother. (It) 8456

radiother. (Por) 23735

radiother. (Rus) 46823

radiother. & surg. (It) 9401

radiother. & surg., statist. 10139

21411

radiother., causes of radiation resist. (Ger) 10017

radiother. causing urinary tract disord. (Fr) 41367

radiother., cytol. evaluation & progn. 24136 24138 31493 48555

radiother., cytol. evaluation & progn. (Fr) 24137

radiother., eff. of environmental factors on post-radiation healing 33639

radiother., eff. on vaginal smears (Por) 35957

radiother., hosp. statist. 35864

36599

radiother., postther. pelvic lymph node dissection 648

radiother., radium, radio-cobalt 2935

radiother., relation between time & dose in stage I cancer 35062

radiother., results (Ger) 32633

radiother. with body cavity tube in grade I cancer (Ger) 33237

radiother. with surg. in young women in early stages, with preserv. of ovarian funct. (Dan) 22391

radium & radiocobalt, dos. distribution in true pelvis (Ger) 32648

radium & radiother. (Dut) 43033

radium & radiother. (Sp) 8945

radium, appar. for control of dose (Fr) 41362

radium colpostat & pendulum ther. in cervix neoplasms & pelvic lymph nodes metastases 28228

radium ther. causing proctitis, surg. & case reports (It) 47504

radium ther. of cancer of portio with Ellis-Oliver applicator (It) 21478

radium ther., with adjuvant chlortetracyclinae (Rus) 33618

radium ther. with surg. (Fr) 51880

radium, with surg. (It) 26615

radium, x-ray control of intravaginal applications (Rus) 12124

statist. (Sp) 10404

urinary compl. of radiother. & surg., 2007 causes (Fr)

x-rry & radium ther., eff. of high dos. on cure (Ger) 32647

x-ray & surg., urinary seq. (Ger) 55457

x-ray, histopathol. aspects (Rus) 55334

x-ray, late fatal reactions (Ger) 29484

x-ray, late result statist. 46718

x-ray, postther. radiation reaction in vaginal smear, progn. value 46717

x-ray sensitivity of in vitro cervix cancer cells as indic. for radiother. 12421

**CERVIX, UTERINE**

anat. & physiol. 15908

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

cervical mucus in infertile women 49503

crystallization patterns of sodium chloride in bovine cervical mucus 10057

mucus crystallization, diag. value 38575

mucus crystallization during pregn. 49818

mucus crystallization, review (Fr) 25091

mucus crystallization test in determ. of ovarian funct. (Rus) 46816

mucus crystallization test in early pregn. (Sp) 27584

mucus crystallization test, simultaneous determ. with Sims & Huhner tests (Sp) 30244

palm leaf reaction of mucus in pregn. (Dut) 39992

twin cervical tenaculum for biopsy & curettage 43309

*abnormalities*

atresia, surg. correction 651

*anatomy and histology*

epithelial histol. of canal (Rus) 37216

fine structure of epithelial basement membrane, electron microscopy 12398

*blood supply*

of vaginal portion (Ger) 23241

*diseases*

causing sterility, diag. (Sp) 7582

chronic, with endometrial hyperplasia, histomorphol. & histochem. (It) 44832

classif. & ther. 54265

diag. & management, surg. indic. 17532

diag., colposcopy (Fr) 53424

diphtheria (Sp) 53968

dystrophic disord., diag. & ther. in prev. of cancer (Fr) 3707

eff. of fluorescent dyes on cervical cytol. in cervical lesions, after parenteral admin. (Fr) 24148

erosion & rupt., ther., electrocoagulation (Pol) 39635

erosions of portio, ther., ferric chloride (Pol) 27598

erosion of portio vaginalis, histogenesis (Ger) 37496

erosion, surg., electroconization, eff. on fertility & pregn. (Hun) 7701

incompetence causing habitual abortion 45071

incompetence in pregn., surg. 7624

incompetent internal cervical os, case report 51151

incompetent internal os causing late abortion & premature labor, surg. technics for repair during & between pregn. 30083

melanosis (Sp) 9743

*effect of drugs on*

dilat. eff. of Rauwolfia alkaloids (Sp) 32471

estriol on secretion (Ger) 3744

potassium permanganate & other corrosive vaginal douches, hazards of use before & during pregn. 7633

*pathology*

atypical epithelial lesions, precancerous nature 10263

atypical epithelium, develop. patterns, statist. (Ger) 34581

atypical epithelium, localization (Ger) 11427

biopsy by cold conization, technics, indic. & contraindic. 16573

cervical factor in sterility, ther. 49505

eversion of cervical mucosa (Fr) 9301

postpartum cytol. 7607

preblastomatous cond. of portio epithelium in ectopic pregn., histopathol. (Hun) 41991

*physiology*

cervical spasmodic factor in sterility, relation to choice of ther. (Fr) 15187

cytol. & colposcopy of ectocervix in pregn. 10075

during lactation, cytol. (Ger) 11462

hemagglutinins in cervical secretions in relation to blood types 9582

immediate eff. of delivery on portio 49504

preop. cond. of cervix in surg. induction of labor 2633

reactions of cervical mucosa in early months of pregn., determ. by post-coital tests (Sp) 7583

*stenosis*

causing sterility, surg. with uterine petiole (Sp) 7578

endometrial funct. after curettage 4533

*surgery*

amputation, technics (Sp) 3327

coning, new technic with fewer compl. 7037

conisation, technic (Ger) 39547

electrocoagulation, technic (Sp) 9691

*wounds and injuries*

during labor, prev. & management 38588

laceration during labor, clin. & morphol. studies in (Rus) 13114

laceration in labor (Rus) 54562

CESAREAN SECTION 18785

compl. & management of labor after previous cesarean section (Fr) 9664

eff. on inf., EEG & clin. study (It) 42772

eff. on labor in subsequent pregn. 18780

extraperitoneal, technic 10125

hyaline membrane dis. in inf. delivered by cesarean section (Ger) 39533

in cattle, technic 4612

in cephalopelvic disproportion after previous vaginal deliveries 13887

in echinococcosis of pelvic orifice in primipara (Heb) 3963

in fibroma of left kidney bed & uterus, with hysterectomy & extirpation of renal fibroma (Fr) 26243

in mare, case report 4613

in moribund patients (Ger) 18931

in pelvic obstruct. caused by nail fixation of femur neck fract. (Fr) 36316

in placenta praevia 35746

in transverse presentation with arm protrusion (Ger) 11457

indic. & technic 38592

indic. & technic (Sp) 38505 38506

indic., changing trends (Ger) 18991

indic., contraindic. & inf.-maternal mortal. 50190

indic. in fetal asphyxia (Ger) 24802

postmortem, case reports 7636

postmortem, case reports (Ger) 36043

pregn. after multiple cesarean sections & ligation of fallopian tubes, case report (Fr) 15177

progs. & follow-up (Tur) 22366

repeated, Gusakov technic (Rus) 12157

review (Ger) 3945

subsequent labor (Rus) 12186

successful cesarean section after ureterosigmoid anastomosis, case report (Pol) 27590

suturing of round ligaments to anterior uterine wall after section (Ger) 3755

vaginal, Dilkraeen technic & indic. (Sp) 2933

vaginal, for fetal extraction, indic. & technic (Fr) 44706

with incidental appendectomy, indic. & technics 43311

with nephrectomy of pelvic kidney, case report (It) 9406

*anesthesia and analgesia*

anesth., technic (Fr) 423

dibucaine in hyperbaric solution (Sp) 8949

eff. of anesth. on oxygen saturation of cord blood 23539

ether-oxygen mixture, maternal & fetal mortal. (Pol) 39831

general anesth. with succinylcholine musc. relaxant 12972

hazards 21859

hydroxydione succinate (It) 19160 21497

indic. & methods (It) 9417

peridural anesth. (It) 11831

spinal anesth. causing shock 12867

spinal anesth., compl., hypotension, case report 52668

spinal, peridural, indic. (It) 6780

thiopental-curare anesth. 52143

*complications*

appearance of fatal tetanus 7 days after cesarean section, in patient with prior inj. of knee (Fr) 36236

asympt. uterine rupt. in subsequent pregn., case report (It) 21492

comparison of postop. compl. in classical & low cervical methods 20076

embolism of amniotic fluid (Dut) 29998

endometriosis in abdom. scar 10464 45927

placenta praevia accreta, case report (Dut) 7300

postop. uterine rupt. in pregn. (It) 54259

repeat anencephaly in repeat cesarean section 39791

rupt. of previous scar in subsequent pregn., case report & statist. (Fr) 36253

rupt. of scar, case reports (Fr) 26227

rupt. of scar in subsequent pregn., with placenta previa & placenta accreta 40344

rupt. of scar with subsequent abdom. pregn., case report (Por) 36877

subarachnoid hemorrh. following repeat cesarean section, case report 7494

subcutaneous hematoma after acenocoumarol anticoagulant ther. (Ger) 3748

volvulus of cecum following low-flap cesarean section 30185

*statistics*

in Arizona 36876

in Cubans (Sp) 8941

postmortem in Ohio 20106

relation to maternal mortal. 5309

CESIUM

cesium variants of Salmonella paratyphi B, morphol. & biol. (Ger) 34485

*effects*

on adrenal blood arteremi & epinephrine in dogs (Fr) 26750

*metabolism*

in rat, comparison of acute & chronic radiocesium admin. 27802

*radioactive*

cesium gamma ray ther. unit, design, construction & phys. measurements 35444

decay scheme & dosimetry 49863

estimated accumulation in soil & crops, theoretical study (Fr) 48811

radioactivity in people & milk, statist. 21681

telether., technics & clin. value (It) 13119

*CESTODE INFECTION see* TAPEWORM INFECTION

*CESTODES see* TAPEWORMS

*CHAGAS' DISEASE see* TRYPANOSOMIASIS, SOUTH AMERICAN

*CHANCRE see* SYPHILIS

CHARACTER

*see also* PERSONALITY

character form. by integration of unusual conflict solutions into ego structure, psychoanalytic interpretation 44241

importance & reasons for character educ. of ment. retarded child. 24469

psychoanalytic concept 4605

relation to sensory perception & psychol. trauma 50039

CHARCOAL

sources of 1st substances used in drug indust. (Fr) 8313

*effects*

activated, protective eff. in M. tuberc. culture (Ger) 23149

*therapeutic use*

acne vulgaris 6530

flatulent dyspepsia (Fr) 39483

*CHARCOT-MARIE DISEASE see* PROGRESSIVE MUSCULAR ATROPHY

*CHARITIES see* SOCIAL WELFARE

CHAULMOOGRA

chaulmoogryl aldehyde with optical activity, synthesis of aldehyde & various deriv. (Ger) 47672

*CHEEK see* FACE

*CHEEK BONE see* ZYGOMA

CHEILITIS

review (Dut) 37037

CHELATING AGENTS

*see also* EDATHAMIL

*see also* HYDROXYLAMINES

8-hydroxyquinoline binding by Micrococcus pyogenes aureus in presence of iron 41315

8-hydroxyquinoline, coulometry (Fr) 28606

radiometric titrations with complexone 19580

*effects*

bis[2-(N,N-dicarboxyamino)ethyl] ether & N,N,N',N',N''-pentacarboxymethyl diethyltriamine on distribution of radiocerium (Ger) 10023

8-hydroxyquinoline & pyridine-N-oxide-2-thiol & copper complexes, fungitoxic eff. 29821

8-hydroxyquinoline inhib. of Cryptococcus neoformans, eff. of metallic ions 17473

on biol. behavior of radio-yttrium in rats (Ger) 32667

on plant enzyme systems & plant biol. (Fr) 9171

on radioyttrium metab. in rabbits & dogs, application to cancer ther. 17574

N, N, N; N', N''-pentacarboxymethyl diethyltriamine on radiocerium excretion in rats (Ger) 32652

removal of radioisotope in guinea pigs (Ger) 10002

*therapeutic use*

(Fr) 29209

α-aminoacetic ferrous sulfate complex in hypochromic anemia in pregn. 43782

α-aminoacetic ferrous sulfate complex in pediatric dis., eff. on hemoglobin levels 43793

complexon in eye burns caused by potassium permanganate, with vitamin C (Ger) 28901

metal pois., mode of action (Fr) 54903

principles & ther. applications of chelation, review (Fr) 9165

review (Sp) 31484

rheum. psoriasis (Fr) 2394

## CHEMICAL ANALYSIS

*see also* CHROMATOGRAPHY

*see also* COLORIMETRY

*see also* DIALYSIS

*see also* ELECTROLYSIS

*see also* ELECTROPHORESIS

*see also* INDICATORS AND REAGENTS

*see also* POLAROGRAPHY

*see also* SPECTROMETRY

*see also* SPECTROPHOTOMETRY

*see also* SPECTRUM ANALYSIS

acid-base titration & electrometric titration methods (Ger) 1330

boiling point determ., new method, proposal for new German Pharmacopeia (Ger) 36461

boiling point determ., proposal for new German Pharmacopeia (Ger) 13364

chlorine in distilled water as source of laboratory error in various determ. 38561

countercurrent distribution calculations 1642

countercurrent distribution, theory & application in pharmacol. (It) 25590

direct differential potentiometric titration by glass-glass retarded electrodes in anhydrous acetic acid 2805

differential centrifugation & chem. fractionation technics for analysis of composition of calf thymus 40564

eff. of high hydrostatic pressure on saline, basic, acid & buffer solutions studied with stationary platinum electrode polarography 18469

interpretation of results in analysis of drugs (Fr) 2306

modern analytical chem. in serv. of pharmacy & med., review 41298

new methods (Sw) 54800

nomogram for calculation of dissociation constants (Ger) 36462

photographic cathetometry in determ. of sedimentation rate of particles (Fr) 22918

potassium bromide disk technic for determ. of solids, review (Dan) 48994 48995

precipitations with Reinecke's salt, wofatite F in prep. of precipitates for titrimetric determ. (Ger) 30323

precision in use of pipettes & burettes 41308

radiometric titrations with complexons 19580

rapid combustion of organic cpds. for analysis, technic 7178

review (Ger) 49017

thermo-analysis in pharmacognosy (It) 52007

use of radioisotopes in (Fr) 51059

use of γ-scintillation spectrometry in quantitative analysis (Fr) 50014

*apparatus and instruments*

automatic device for registration of optical extinction in serial separation analyses (Ger) 25886

device for magnetic stirring in electrometric titration 32254

holding device for safe closure of test tubes (Ger) 34524

1000-tube countercurrent distribution appar. 48467

Parr oxygen bomb for destruction of animal & vegetable tissue prior to boron analysis 12334

sampler for laboratory exam. of various substances (Rus) 10893

simple micro-stirrer 52438

simple semi-automatic pipet appar. (Cz) 26525

transistorized densitometer with barrier layer cells (It) 53825

## CHEMICAL INDUSTRY

*see also* DRUG INDUSTRY

current status & significance for med. (Rus) 27304

med. aspects of polymer prod. (Rus) 33499

water supply & sewage (Ser) 39709

## CHEMICAL WARFARE

*see also* MUSTARD GAS

*see also* NITROGEN MUSTARDS

background & future uses 40324

exper. lesions caused by vesicating agents, eff. of placental extracts 19192

isopropyl methylfluorophosphate vapor exposure of dogs, eff. of atropine by various routes of admin. in resuscitation 23297

lewisite, follow-up of lesions acquired in civilian life (It) 27648

oxygen ther. of chem. pois. (It) 27647

toxic stability of war gases of blue cross group (Ger) 36506

## CHEMISTRY

*see also* BIOCHEMISTRY

as object of chem. research (Ger) 42397

in med. (Rus) 36383

med. chem. in Czech. (Cz) 38122

1958 Nobel prize 28974

use of radioisotopes in med. chem. (Fr) 25404

van't Hoff's rule, evaluation of mathematical formula & modifications (Ger) 30498

*education*

premursing chem. 7540

*history*

alchemy, manuscripts attributed to Domenico Beccafumi (It) 6832

## CHEMISTRY, ORGANIC

determ. of organic cpds., color reactions (Ger) 7956

outline for radiographers 8543

radiochem. synthesis of organic cpds. (Ger) 55559

*CHEMISTRY, PHYSIOLOGIC see* BIOCHEMISTRY

## CHEMOTHERAPY

*see also* ANTIBIOTICS

*see also* ARSENICALS

*see also* CYTOTOXIC DRUGS

*see also* SULFONAMIDES

role in achievements of WHO 41048

structural basis of ther. eff. (Hun) 45470

*complications*

(Nor) 10371

## CHENOPODIUM

pharmacognosy & evaluation of several species (Ger) 43614

*therapeutic use*

ascariasis (Rus) 18872

*CHEST see* THORAX

*CHEWING see* MASTICATION

## CHEWING GUM

cutaneous leishmaniasis in chicle collectors in Brit. Honduras 48290

## CHICKENPOX

50741

*case reports*

bullous (Dut) 18576

congen., in newborn 23519

with herpes zoster ophthalmicus, etiol. relations 24549

*complications*

acute myositis, case report 30164

calcinosis, transitory interstitial (Ger) 51198

cross infect. in concurrent chickenpox, measles & whooping cough, review (It) 20229

encephalopathy in 7-year-old child, case report (Fr) 21322

infect. hepatitis (Ger) 6710

keratitis, case report (Fr) 14491

leg gangrene, case report 41372

optic neuritis in 4-year old girl (Ger) 30123

pneumonia caused by severe form 18795

pneumonia in adult, ther., prednisolone 24991

pneumonia, primary 5344 9267

pneumonia, ther. failure of ACTH & adrenal cortex hormones, x-ray manifest. 29753

prev. & control (Dut) 18574

scarlet fever, clin. course (Rus) 7894

thrombopenic purpura, review & case report (Fr) 25474

*immunology*

mutual virus antag. in cases of chickenpox & measles (Hun) 30742

*pathology*

hemorrhagic seq., pathogenic mechanisms & relation to acute leukosis (Fr) 43977

relation to herpes zoster (Pol) 31538

relation to herpes zoster (Rus) 7893

varicella-like rash, generalized, with gangrenous herpes zoster in patient with lymphatic leukemia (It) 35710

*therapy*

cortisone & prednisone causing exanthema, case report (Ger) 25209

*transmission*

herpes zoster in parent in contact with child with chickenpox 22

*virus*

immunol. studies with virus cultured in vitro 28325

isolation, propagation & cultural characteristics in vitro 28324

## CHILD

*see also* FAMILY

*see also* ILLEGITIMACY

deprived child. 33549 33554

deprived child., intellectual, emotional & soc. develop., review 33549

eff. of atomic bomb on child. of Hiroshima (Fr) 37732

eff. of various internal & external circumstances (Sp) 46681

hyg. as basis for retardation of senescence (Rus) 33333

Kasper-Hauser & wolf child. (Ger) 18923

psychomotor develop. of westernized wealthy Ugandan child. (Fr) 27094

relation to phys. environment (Sp) 44538

statement of rights of child. (Sp) 46672

vacations for happy & problem child. (Sw) 54490

*diseases see* PEDIATRIC DISEASES

## CHILD PSYCHOLOGY

*see also* MENTAL DEFICIENCY

adaptive behavior develop. in Negro child. 7881

childhood-environment determinism, validity & case report 41355

choice to exhibit success & to hide failure 2835

comic book reading habits & psychol. eff. in 7th grade child. 17361

complexity of work in psychol. & neurol. care of child. (Hun) 7687

dentition, walking & speech, relation to depressive position in inf., psychoanalytic interpretation 4288

depressive eff. of teething, weaning, talking & walking on young child (Sp) 21239

determ. of readiness of child. for school (Ger) 15332

develop. of soc. compliance in young child. 2842

develop. psychol., eff. of community educ. in Kibbutz (Ger) 20824

eff. of family & sociol. changes on develop. (Ger) 31569

eff. of hospitalization on personality develop. in early infancy 37576

eff. of labor & pregn. on ment. develop. of child (Pol) 30737

eff. of marital conflict on develop. of child (Sp) 21246

eff. of mourning for death of relative on child behavior & learning (Sp) 21236

eff. of public & private success & failure on child. repetitive motor behavior 2834

eff. of sexual themes in daily press (Ger) 11154

emerging patterns in child psychol. 26289

hospitalism in abandoned child., adoption as solution to problem (Fr) 23926

hospitalized child, post-discharge behavior 41951

hospitalized child, prev. of psychol. trauma 16631

hospitalized child, psychol. 7544 7680 42180 46343

importance of respect & affection for a child's educ. in the home & at school (Sp) 8838

interpersonal relations of child. 16493

mobile child study laboratory 2841

nervousness, etiol. & ther. (Ger) 15310

nursery school child., personality factors, derived from parents 4900

problem child., classif. & management (Por) 43482

psychoanalytic child psychol., contribution of Ernst Kris to observations & prediction of child develop.

psychobiol. as part of pediatrics, opposed to psychoanalysis (Ger) 19412

psychol. trauma caused by surg. (Por) 53874

psychother. & graphother. of child. with school problems (Ger) 47648

racial awareness, develop. in young child. 2836

reaction of superior child, to an illusion, comparison with feebleminded child. 5120

relation to phys. environment (Sp) 44538

review 18694

sociopsychol. relations of child health to family problems (Fr) 6375

understanding child's need as means of preventing problem child. 3195

**CHILD WELFARE**

*see also* ADOPTIONS

*see also* ILLEGITIMACY

*see also* SCHOOL HEALTH

causes & eff. of dissociated assistance to child., biostatist. index (Por) 4367

child care, educ. & train. of nurses & nurses aids (Ger) 42866

child care facilities in U. S., supervision by municipal health departments 35836

child care organiz. in Czech. (Cz) 14897

child guidance centers & clinics, role in ment. hyg. educ. & diag. of ment. disord. (Sp) 53947

child guidance clinic caseload, soc.-psychol. characteristics 17138

child guidance clinic, comparative study of defection from ther. 4931

child guidance clinic, funct. of psychol. testing in 19096

child guidance clinic, parents' reasons for defection from treatment 19088

child guidance clinic, pre-intake phase 51892

child guidance in rural med. center, flexible use of personnel 51891

diag. serv. for maladjusted foster child. 24590

health serv. in countries of So. E. Asia 37093

health serv. in Gt. Brit. 44361

health survey in Ohio 7650

hist. of inf. welfare 5718

in Austria (Ger) 11024

in Bolivia, need for day nurseries 4536

in Brazil (Por) 16486

in Brazil, basic principles of assistance (Por) 40225

in Burma 41465

in Chile 50238

in Chinese mission hosp. 41432

in Cuba, organiz. of milk banks (Sp) 31133

in Czech. & Poland (Sp) 23984

in Czech., med. & educ. welfare programs for child. with perinatal brain dis. (Ger) 34139

in Czech., new type of day nurseries (Cz) 38366

38367

in Fr. Guiana (Fr) 37789

in France, day-nursery of l'Hôpital Rendu-Sabran of Gien (Fr) 54847

in Germany (Rus) 39584

in Gt. Brit. 6558

in Netherlands & Scand. countries 294

in Russia (Rus) 43554 53041

in Switzerland, internat. child. village 29338

in U. S. 28116

inf. & child. center (Sw) 32838 32840 32841 32842 32843 32845

inf. & child. centers, somatic control (Sw) 32839

joint crèche-kindergartens in cotton-growing collective farms (Rus) 9915

med. serv. in Russia (Rus) 9913

med. supervision in child health conf. 52675

mest. hyg. in inf. & child care centers 32847

of newborn, activities of Centro Materno Immaturi in Bologna (It) 14525

optimum time for separation of child from mother (Fr) 51499

pre-school child health problems in Nigeria 41464

prev. psychiatric concepts in program of total child care 24595

progr. 19968

statist. report on socio-med. cond. (Dan) 32402

***history***

in Russia (Rus) 7935

in Russia in antiquity (Rus) 7930

med. treatment in Dutch orphanage in 17th century (Dut) 39942

**CHILOMASTIGIASIS**

***in infant and child***

mesnili (Cs) 36569

**CHIN**

***disease***

tremor, familial, in four generations 5712

**CHIROPODY**

chiropodical assistant 4582

drug reactions in chiropody, emergency ther. 16748

foot health program for high school athletes 4575

hosp. clinics, podiatric formulations for dispensing by hosp. pharmacy 4587

in public health serv. 16752

lesser toe latex shield made with tubular gauze 4593

podiatrist's role in management of painful knee 4574

sources of chiropodist patient referrals 4590

use of corticosteroids, indic. & contraindic. 16749

**CHIROPRACTIC**

concept of distortion of sacroiliac joint, exam. (Ger) 15850

review (Nor) 45416

***history***

(Nor) 22250

***in various diseases***

cervical synd. (Ger) 6059

shoulder-hand synd., unexpected eff. (Ger) 38881

static foot disord. (Ger) 49676

***CHITINASE*** *see* CARBOHYDRASES

**CHLORAL HYDRATE**

***effects***

after nociceptive irritation in methylthiouracil-receiving animals (Rus) 1752

chloral hydrate-3-methyl-pentan-3,4-diol prep. (Dan) 22440

on antibody form. in cats (Ger) 34068

on blood proteins in Brucella abortus immunized cats (Ger) 12061

on develop. of adrenalin induced auric. fibrill. in animals (Rus) 52977

on dinitrochlorobenzene-induced eczema in guinea pigs 14086

on exper. pulm. edema induced with nitrogen oxides in rats (Rus) 7807

on glycemia in dystrophic inf. (Fr) 35445

on response of blood pressure to stimulation of central end of pneumogastric nerve in dogs, comparison with various anesth. (Fr) 38726

***CHLORALOSE*** *see* HYPNOTICS AND SEDATIVES

***CHLORAMINE-T*** *see* ANTISEPTICS, HALOGEN

**CHLORAMINES**

*see also* NITROGEN MUSTARDS

determ. of active chlorine on surfaces treated with chloramine disinfect. (Rus) 39593

***preparation of***

sodium N-chloro-phenylsulfonamide (Ger) 7977

***therapeutic use***

disinfect. of hands in polio., comparison halogen antiseptics & potassium permanganate (Ger) 55688

**CHLORAMPHENICOL**

degradation in glycol solutions catalyzed by specific hydrogen ion, kinetics 50250

***determination***

in biol. fluids, chem. methods (It) 37442

***effects***

induction of mutation in chloramphenicol-inhibited bact. 50327

on Blastomyces in gastrointestinal system (Pol) 31539

on E. coli growth & indole synthesis by mutant strain 35779

on E. coli O20 strains in infantile gastroenteritis 169

on exper. intestinal obstruct., with streptomycin (It) 54265

on exper. moniliasis in mice 52282

on exper. paratyphoid fever, antigenic & immunogenic factors (Rus) 11475

on exper. paratyphoid fevers in rabbits (Rus) 52945

on exper. streptoc. infect., with gamma globulin, in mice (It) 42701

on form. of antibody to bact. & non-bact. antigens in rabbit 9794

on fungus Scopulariopsis brevicaulis 19650

on genetic recombination of bacteriophages 10870

on Hemophilus influenzae in vitro, with penicillin & streptomycin (Fr) 13047

on Klebsiella rhinoscleromatis, primary sensitivity (Rus) 11474

on lipase activity in int. (Ger) 12065

on Micrococcus pyogenes, protein synthesis as basis for resist. in aureus strains 7248

on Micrococcus pyogenes, sensitivity, comparison with tetracyclines 16402

on protein & nucleic acid metab. in Azotobacter agilis 4709

on Proteus vulgaris in vitro, admin. with nitrofurantoin & erythromycin 47618

on Salmonella typhosa, variability during artif. adaptation (Rus) 11471

on sensitivity of phage precursor desoxyribonucleic acid to ultraviolet light 10855

on Shigella toxin intoxication (Rus) 38377

on stability of ribonucleic acid formed by E. coli 40515

on typhoid fever complement titer in infected patients & immunized rabbits (Rus) 11501

on vitamin B complex synthesis (Pol) 24066

reduction of lethal eff. of ultraviolet & x-irradiation on E. coli 53442

***injurious effects***

(Fr) 15886

agranulocytosis in ther. of typhoid fever, case reports (Sp) 44569

allergic reactions to ear drops (Ger) 49043

aplastic anemia in child during ther. of whooping cough (Dan) 19632

early reactions causing changes in iron metab. in man 4858

fever, hazards (Dan) 22407

gastrointestinal disord. (Pol) 43676

***metabolism***

absorp. by intestines, eff. of aluminum hydroxide 19854

absorp. of esters, relation to phys. properties 13341

chloramphenicol glycinate, absorp. & elimination in humans after intravenous & intramusc. admin. (It) 54209

***preparation of***

colorimetric methods of control (It) 39307

synthesis of α-bromo-β-methoxy-propiophenone & α-bromo-β-methoxy-p-notropropiophenone as intermediates for prep. of chloramphenicol 21725

***related compounds***

chloramphenicol glycinate in paranasal sinusitis, aerosol admin. (It) 30355

chloramphenicol glycinate, phthalate & succinate, blood & urinary antibiotic levels after admin. (It) 6901

chloramphenicol hydrosoluble esters, pharmacol. in exper. animals (It) 42652

chloramphenicol-3-stearoylglycolate, ther. of various dis. (Ger) 18969

chloramphenicol succinate, in pulm., gastrointestinal & other dis. in inf. & young child. (It) 42770

new water-insoluble esters (It) 1966

***therapeutic use***

bronchitis & other inflamm. dis., clin. statist. (Cs) 26547

cholecystoangiocholitis (Rus) 32896

cracked nipples, chloramphenicol-ethylaminobenzoate emulsion with procaine block (Rus) 9863

diarrhea in child. (Sp) 12010

eczema, local admin. (Rus) 45185

eye dis., alone & with cortisone ointment (Ger) 46022

Gaffkya tetragena leptomeningitis in child 5753

gonorrhea, determ. of concentration in blood, urethral & prostate gland secretion (Rus) 45645

gonorrhea, with chlortetracycline (Rus) 45222

gyn. & urinary infect., appendicitis & mumps, with tetracycline (Sp) 9738

gyn. dis. (Ger) 32965

herpes zoster, neuraxitis & influenzal encephalitis, with tetracycline (Sp) 15481

infect. & dyspepsia, with tetracycline (R) 3338

infect., with tetracycline (Sp) 3343 6598 6602 15518

influenza (Rus) 51212

keratitis (Rus) 22567

micrococcal infect., eff. of chloramphenicol-erythromycin-novobiocin combinations on emergence of resist. strains in hosp. 36133

nasal furuncles (Ger) 42379

NS infect. with tetracycline (Sp) 21790

osteomyelitis of femur caused by Salmonella choleraesuis infect. (Ger) 55737

pediatric dis., with tetracycline (Sp) 8191

9684

perf. appendicitis, with streptomycin & sulfonamides (Ger) 11371

postop. urinary compl. of surg. of female genital prolapse (Sp) 39091

puerperal mastitis, prev., local admin. (Ger) 51826

resp. tract infect., aerosol admin. (Rus) 45215

review 43136

Salmonella infect. (Ser) 51707

trachoma (Rus) 22568

typhoid fever, alone & with prednisone, eff. on serum proteins (R) 29670

typhoid fever in child. (Rus) 7911

typhoid fever in child., with prednisolone (Ger) 33825

typhoid fever, phthalylsulfathiazole-sulfadiazine-chloramphenicol prep. (Ger) 7103

typhoid fever prev. by treatment of carriers 20904

typhoid fever, with phenylbutazone, comparison with phenylbutazone alone 25127

urinary infect., with nitrofurantoin & sulfisoxazole (It) 44178

urogenital infect., with tetracycline (Sp) 27225

vaginal odor & bact. proliferation control in radium ther. (R) 52097

whooping cough epidemic in day nursery, prev. (Pol) 30406

## CHLORDAN

***injurious effects***

chlordan & dichloroethyl ether pesticide causing local irritation & anxiety hysteria 18729

***CHLORETONE*** *see* **CHLOROBUTANOL**

## CHLORIDES

***see also*** **AMMONIUM CHLORIDE**

***see also*** **ETHYL CHLORIDE**

***see also*** **SODIUM CHLORIDE**

arsenious acid reduction of ceric ammonium sulfate in presence of chloride, catalytic eff. of iodotyrosine deriv. 38517

calcium chloride with heparin in determ. of blood $\beta$-lipoproteins, comparison with other methods (It) 37423

***deficiency***

eff. on growth of herb Lemna minor in vitro (Fr) 36737

***determination***

in air (Rus) 3836

in food, mercurimetric technic (Rus) 22687

in saliva, evaluation of Van Slyke & Hiller modification of Sendroy method 34833

in water, mercury thiocyanate method (Ger) 29781

***effects***

aluminum chloride, antiperspirant eff. & duration of eff. (Fr) 38852

chlorides in brine for cucumber pickling, eff. on biol. processes (Ger) 35255

diphenyl-phosphorochloridate inhib. of chymotrypsin with liberation of phenol 47969

2,4-D on thyroidal radioiodine uptake in rats 35372

magnesium & potassium chlorides on coronary vasc. hypersensitivity in dihydrotachysterol-sensitized rats 4253

magnesium & potassium chloride prev. of papain-induced myocardial necroses in rats 26504

magnesium & potassium chloride prev. of sodium perchlorate-2$\alpha$-methyl-9$\alpha$-chloro-hydrocortisone-induced electrolyte steroid cardiopathy in rats 13001

magnesium chloride solutions on erythrocyte count (Bul) 32814

on activation energy of ventric. contraction & relaxation in vitro 32355

on musc. composition & renal electrolyte excretion in electrolyte-depleted rats 12544

organic silane chlorides, on rabbit eyes (Rus) 39590

potassium chloride, protective eff. in hypertension induced by chronic sodium chloride rats 12351

tap water containing chlorides on gastric secretion & on absorp. rate (Ger) 28419

***in blood***

erythrocytes in congestive heart failure 35181

hyperchloremia, eff. on alkaline reserve in diabetic coma (Fr) 54474

hyperchloremic acidosis with tubular impairment of hydrogen ion excretion in recur. kidney calculi, case report 12337

hypochloremia, eff. on glomerular filtration rate & electrolyte excretion in dogs 39263

hypochloremia in head inj., differ. diag. from intracranial hematoma 11663

hypochloremia in resp. acidosis, pathogen. 40682

in psoriasis during clin. improvement 17526

micro determ. by modified technic 32866

35664

micro determ. by polarography & spectrophotometric methods 32865

35663

***in urine***

eff. of age factor in rats 27569

eff. of potassium chloride-sodium chloride overload in intact & partially nephrectomized rats (Sp) 8986

***metabolism***

alga Nitellopsis obtusa, chloride transport 17326

amniotic fluid content in normal & toxemic pregn. (Rus) 12150

chloride analysis for cortical bone in cat & rat, technic 20776

chloride ion secretion in tears after physiol. saline solution loading (Cs) 44873

content in parotid gland saliva of naval recruits, relation to caries incidence 17215

crystalline lens of frog (Ger) 30535

relation to water content of tendon in normal & depleted rats 35817

renal tubular reabsorp. during changing chloride levels in blood in dogs 12504

total body & tissue losses in salt-depleted rats, comparison with losses from sucrose space 47108

***therapeutic use***

calcium chloride in combination with mercurial diuretics in refractory edema 465

calcium chloride in epilepsy, with sodium bromide & adenoside (Bul) 33818

ferric chloride in cervical erosions (Pol) 37598

ferrous chloride solution in otitis media (Rus) 55232

## CHLORINE

chlorination-resist. microorganisms in water supply system (Rus) 55809

chlorine in distilled water as source of laboratory error in various determ. 38561

sodium hypochlorite solution obtained electrolytically as substitute for Carrell-Dakin solution, advantages (It) 39315

***determination***

in water, residual chlorine (Rus) 45892

***effects***

disinfect. of water, mechanism of action (Rus) 49800

inactivation of Bacillus anthracis & Bacillus globigii spores 1307

on Coxsackie & polio viruses, inactivation in water supply 12645

on eels in cisterns of drinking water in Italy (It) 53814

sodium perchlorate-2$\alpha$-methyl-9$\alpha$-chlorohydrocortisone induction of electrolyte steroid cardiopathy, prev. with magnesium & potassium chloride in rats 13001

***injurious effects***

in swimming pool water causing eye irritation (Ger) 11010

***metabolism***

gastric mucosal content in stomach cancer (It) 21503

44815

***radioactive***

causing hemorrh. diathesis after intraperitoneal instillation of radiochlorine-38, case report 35861

transfer rate across pericardium of dogs, comparison with other isotopes 15001

***therapeutic use***

potassium perchlorate potentiation in hyperthyroidism ther. with thyroidal pyrocatechol (Ger) 11220

## CHLOROBIUM

thiosulfatophilum, isolation & properties (Rus) 51925

## CHLOROBUTANOL

***effects***

on ribose form. from hexose in rats, failure to demonstrate C-6 oxidation pathway 28232

preservative eff. in combination with tween 20, phenylethyl alcohol, & benzyl alcohol 16724

***CHLOROETHYLAMINES*** *see* **NITROGEN MUSTARDS**

## CHLOROFORM

comparison with 1,1,1-trifluoro-2-bromo-2-chloroethane 2610

replacement by 1,1,1-trifluoro-2-bromo-2-chloroethane 35976

***addiction***

chlorodyne, case reports & need for restricted sales 14206

***anesthesia and analgesia***

admin. & mechanisms of action 2034

in labor, hist. 48165

mixture with ethyl ether & ethyl chloride, toxicol. research (Fr) 51082

ther. indic. & admin. 2043

***effects***

on develop. of adrenalin induced auric. fibrill. in animals (Rus) 52977

***in urine***

in schizophrenia (Ger) 37009

***poisoning***

causing liver inj. in rats, eff. of protein diet 10394

in workers preparing chloroform-containing lozenges 26054

suicide, case report (Fr) 1337

***therapeutic use***

common bile duct calculi, T-tube instillation & biliary flush 23485

***CHLOROMA*** *see* **LEUKOSARCOMA**

***CHLOROMYCETIN*** *see* **CHLORAMPHENICOL**

## CHLOROPHYLL

***see also*** **PHOTOSYNTHESIS**

chloroplasts, determ. of proteins (Rus) 37139

chloroplast, isolation & activity of component monodehydroascorbic acid reductase 47933

free radical form. in photosynthesis by chain polymerization method (Rus) 25907

protochlorophyll conversion to leuko-cpd. by factor in root tips 19619

tetrapyrrole ring structure, review 9612

***effects***

anti-anaphylactic eff., mechanism (Ger) 36952

chlorophyll copper inhib. of anaphylactic shock in guinea pigs (Ger) 12183

***therapeutic use***

burns (Ger) 11389

chlorophyll-papain-urea in chronic ulcers 29323

chlorophyllin magnesium sodium salts in chronic uremia (Ger) 11049

extensive skin inj. (Ger) 42319

## CHLOROQUINE

***determination***

in human tissues, spectrophotometric method 5270

***effects***

antifibrillatory & other cardiovasc. eff. in dogs 48730

chloroquine phosphate on coccidiosis in rabbits (Ger) 34473

mechanism of action based on eff. on anaphylactic shock & Arthus phenomenon (R) 52002

protective eff. on antihistaminics (Fr) 2493

*injurious effects*

corneal epithelial changes 23423

corneal epithelial disord. caused by chloroquine phosphate ther. 40288

*poisoning*

suicide, case reports (Fr) 36093
36197

*therapeutic use*

amebic hepatic abscess, chloroquine diphosphate with diiodohydroxyquinoline (Sp) 21162

amebic hepatic abscess with emetine 31844

amebic hepatitis, emetine-resist. (It) 9299

arteritis temporalis & periarthritis nodosa (Pol) 8092

chloroquine-salt mixtures in sporozoite-induced Chesson strain vivax malaria in human volunteers 14458

lichen planus 23703

lupus erythematosus & other skin dis. (Bul) 45302

lupus erythematosus, discoid (Rus) 55209

lupus erythematosus, discoid & disseminated, with hydroxychloroquine & quinacrine 43152

lupus erythematosus, discoid, & light sensitive skin eruptions, chloroquine-hydroxychloroquine-quinacrine prep. 14404

lupus erythematosus, disseminated (Fr) 41946

lupus erythematosus, disseminated (Sp) 8909

lupus erythematosus, disseminated simulating rheum. arthritis, case reports 34106

malaria, prev. with pyrimethamine in No. Cameroons (Fr) 14434

nephrotic synd. caused by glomerulonephritis (Sp) 21176

paragonimiasis (Ger) 55579

rheum. arthritis (Dan) 10603

rheum. arthritis (Ger) 46195
25825

rheum. arthritis (It) 9282
44383

rheum. arthritis, chloroquine diphosphate (Sp) 21161

rheum. arthritis, chloroquine phosphate (Ger) 22900

rheum. arthritis, eff. on diuresis (Sp) 9693

rheum. arthritis, long-term admin. (Dan) 10602

rheum. arthritis, primary (Dut) 37558

rheum. arthritis, statist. 14295

rheum. arthritis, with primaquine (Dan) 10604

rheum. dis. (Fr) 18500

## CHLORPROMAZINE

composition of chlorpromazine & other phenothiazine commercial prep. (It) 26830

*administration*

with amphetamine, in animals (Cz) 38237

*determination*

separation of promazine from chlorpromazine-promazine mixtures, colorimetry 51086

*effects*

antag. of amphetamine, quantitative aspects (It) 1950

blocking of lysergic acid diethylamide action 8351

blocking of thyrotropic hormone secretion in rats 36568

diuretic eff. in rats, mechanism of action 24836

eff. of musc. relaxant dihezol & vitamin B12 on reactivity (Rus) 3563

epileptogenic, after electroshock & pentylenetetrazole shock in rabbits (Bul) 32736

ganglion-blocking in exper. hypothermia (Rus) 3558

histol. eff. on Nissl substance & Golgi appar. of cerebrocortical neurons in mice 20749

hypotensive eff., mechanism in cat 13457

increased mesentery reaction threshold for arterenol in rats 24843

induction of catatonia in guinea pigs, influence of radiocobalt irradiation (Fr) 47442

induction of hypothermia in rats, mechanism 4565

induction of jaundice in rats, etiol. factors 45378

inhib. eff. on blood cholinesterase in man 36570

inhib. of tolbutamide induction of hypoglycemia in rats (Ger) 18323

mechanism of action (Fr) 44161

neurophysiol. aspects (Rus) 34759

on adrenal cortex weight, cytol. & funct., in rats 24857

on amphetamine & methylphenidylacetate-induced hypermotility in mice (It) 37513

on antibody form. in cats (Ger) 34068

on antibody form. in rabbits 34019

on antibody form. in rabbits (Hun) 28795

on antidiuretic response of rats to pain, histamine or nicotine 31293

on arterenol or epinephrine action on blood pressure & blood sugar & potassium levels in dogs (Fr) 36562

on avoidance & escape behavior in rats 13433

on basal gastric secretion in peptic ulcer, synergistic action with tricyclamol 49721

on basal metab., value of response to chlorpromazine pretreatment in differ. diag. of dis. with high basal metab. (Hun) 29153

on behavior in animals 49450

on behavioral task performed under stress 50514

on bile secretion (Rus) 39323

on biliary tract after excretion by liver 36561

on blood proteins (Rus) 34662

on blood proteins in Brucella abortus immunized cats (Ger) 12061

on blood sugar in adrenalectomized rabbits & rats (Ger) 49285

on blood sodium & on blood & erythrocyte potassium levels (It) 38751

on blood volume in exper. hemorrhagic shock 35936

on body temperature & resp. in guinea pigs, comparison with other vasodilator drugs (Fr) 48862

on body temperature in rat, action & interaction with reserpine & serotonin 35829

on body weight in ment. patients 20836

on brain metab. in vitro, review 8342

on capillary permeability (It) 1510

on chlortetracycline, penicillin & streptomycin sensitivity in white mice (Rus) 49426

on CNS in normal monkeys & monkeys with brain stem lesions 5411

on CNS, pharmacol., review (It) 54480

on concentrative attention span of chronic schizophrenics, comparison with promazine 40728

on conditioned motoric food reflex in rats (Ger) 46571

on conditioning & habituation to arousal stimuli in cats 42973

on continuous performance test of sustained attention 50911

on coronary blood flow in dogs (Hun) 29178

on disord. of body fluid balance & brain metab. induced by prolonged admin. of lysergic acid diethylamide in rabbits (Fr) 26818

on elimination of water after overload in rats (It) 42794

on emotional behavior in rats 42992

on enzyme activity of hypothalamic magnocellular nuclei in rats 3475

on erythrocyte glucose content (Cz) 38236

on exper. convulsions (Rus) 49550

on exper. procaine pois. (It) 11828

on exper. pulm. edema induced with nitrogen oxides in rats (Rus) 7807

on exper. shock, comparison with phenobarbital (Cz) 38252

on galvanic skin reflex & EEG in humans (Ger) 35258

on gastrointestinal funct. in cats & dogs (Rus) 33188

on habit reversal in rat 5117

on healing of homogenous skin grafts in rat (Pol) 7771

on heart in cat, after direct inject. near ostia of coronary arteries 49374

on heart sensitivity to cardiac glycosides (Rus) 39332

on hepatic blood flow & oxygen consumption in dogs (Hun) 29184

on hyaluronidase action in vitro & in vivo (It) 36750

on increased urinary 17-ketosteroid levels induced by air inject. into subarachnoid space (It) 37384

on α-keto acid level in rabbit blood 5492

on kidney funct., demonstration by creatinine clearance test (Pol) 8062

on learning discrimination in rats 3482

on learning in chronic psychoses 17190

on liver morphol. & funct. (It) 19175

on liver regen. & develop. of fatty liver after exper. partial hepatectomy in rats (It) 37399

on neurosecretory funct. of hypothalamus - posterior pituitary system in rats 24027

on oxidative phosphorylation, mechanism 19558

on oxidative phosphorylation of cerebral cells, inhib. eff. & reversal by sulfhydryl cpds. (Ger) 13745

on oxygen uptake of rat brain homogenates in vitro, determinants 49335

on ozone pois. in rats (Fr, Dut) 48584

on passive anaphylaxis in guinea pigs (Ger) 24022

on personality, comparison with eff. of brain lesions, review 8346

on pial vasc. permeability, pharmacodynamics (It) 9769

on potentials evoked in midbrain reticular form. in cats 5747

on pregn. animals & fate of offspring after admin. in various doses & in various temperatures in artif. hypothermia (Rus) 12149

on pregn. test, false positive results 28344

on prolactin form. & release in rats, mechanism & comparison with dibenamine, 2-(diethylaminomethyl)-1, 4-benzodioxan, reserpine & methantheline (Fr) 38729

on radiophosphate uptake in brain in normal, adrenalectomized, hypophysectomized & burned rats 26992

on renal funct. & hemodynamics in hemorrh. shock in dogs 54688

on reticular system, bibliog. 12868

on sensitivity of guinea pigs to serotonin admin. in aerosols (Fr) 15104

on stylus maze performance of chronic schizophrenics 17191

on survival time & mesenteric blood flow in exper. shock in dogs 47586

on survival time of brain after exper. interruption of blood circ. in rabbits (Ger) 54931

on tissue resp. & enzymic processes in intermediate carbohydrate metab. (Ger) 36594

on ventric. tachycardia after exper. myocardial infarct in dogs 40078

on visual & motor behavior 50837

potentiation of anesth. eff. of tetracaine, exper. trials (Ger) 23053

potentiation of ethinamate hypnotic activity 16730

prolonged admin. on estrus cycle in rats (Hun) 28794

protective eff. against blood potassium changes after traum. shock in rats (It) 37457

protective eff. against exper. shock in dogs & rats, comparison with perphenazine 31330

protective eff. on x-irradiated mice, relation of protective eff. to degree of hypothermia (Fr) 36610

suppression of cyclopropane-epinephrine induced arrhythmias in dogs 24760

*in urine*

after parenteral admin. in rats (Rus) 49425

*injurious effects*

(Bul) 45317

acute yellow atrophy (Bul) 45316

agranulocytosis during ther. of senile pruritus (Fr) 2420

agranulocytosis with jaundice, case report 27970

allergy, desensitization (Fr) 41948

disord. of motoricity, diminution of handwriting & other extrapyramidal sympt. (Fr) 49229

dermatitis, contact (Fr) 2407

dermatitis in hosp. personnel (Fr) 9631

hepatic dysfunct. due to hypersensitivity 1160

hepatolenticular degen. (Rus) 46313

jaundice, case report (Rus) 6596

jaundice, differ. diag. from jaundice in biliary tract dis. 10998

jaundice in ther. of psychoses caused by idiopathic hypoparathyroidism, case report 586

jaundice, obstruct. (Por) 39987

jaundice, obstruct. (Sp) 8850

leukopenia, exper. prod. in rats & mice (Ger) 232

neuroleptic synd., protective eff. of massive vitamin B1 dos. (Fr) 1007

paralysis agitans (Cz) 2755

parkinsonism-like synd., ther., 3-(β-diethylaminoethyl)-3-phenyl-glutarimide (Ger) 52563

psychopathol. eff. & toxic physiol. eff. on various organs in ther. of psychoses (It) 32158

skin dis. (Dut) 29955

*metabolism*

demethylation in N-methyl position in rats, radiocarbon study 32339

radiosulfur labeling method in animals (Rus) 34681

*therapeutic use*

adjuvant in artif. hibernation in management of premature inf. (Sp) 300

adjuvant in cataract surg. 47060

adjuvant in labor 47060

adjuvant in labor, with meperidine, value of right dos. (Ger) 303

adjuvant in pituitrin-induction of labor, eff. on fetus (Sp) 10400

allergic reactions, prev. in intravenous inject. of PAS (Fr) 19359

anxiety, depression & other psychiatric disord. in cancer patients, with aminophylline & phenobarbital (It) 8603

behavior & ment. disord. in epileptics, with reserpine & anticonvulsants (It) 54271

chorea in child. (Pol) 7815

disturbed ment. defectives 609

disturbed ment. patients, with prochlorperazine 39154

eclampsia, with promethazine 50981

endocrine & ment. dis. (Rus) 46311

epilepsy (Bul) 32735

epilepsy (Fr) 38445

epilepsy (Rus) 46310

epilepsy in diencephalic inj. (Bul) 45291

gynecol. dis. & in pregn. (Ger) 19434

gynecol. dis., threatened abortion, hyperemesis gravidarum (Ger) 10304

heat stroke 14945

hemiballism in aged (Dan) 10623

insomnia & ment. disord. in aged, comparison with heparin (Fin) 54647

internal dis. (Rus) 45179

intervertebral disk disloc. (Heb) 39785

ment. dis. 50607

ment. dis., metab. aspects (Rus) 46309

ment. disord. (Rus) 46311

ment. disord., admin. to hosp. patients, problems of laboratory control 53612

ment. disord., comparison with reserpine (Fr) 49228

ment. disord., early & late response 3391

ment. disord., eff. on extrapyramidal motility (Ger) 25377

ment. disord. in child., review (Rus) 34808

ment. disord., results & compl. (Bul) 32776

ment. disord., small dose technic (Rus) 46312

ment. disord., sustained-release prep. 15563

ment. disord., with chlorpromazine (Fr) 18497

ment. disord., with prochlorperazine 39154

ment. disord., with psychother. (Ger) 33844

neuroses & schizophrenia, comparison with meprobamate 24865

over-active child., with covatin (Ger) 34137

peripheral vasc. dis., alone & with reserpine & tetraethylammonium (Pol) 30842

premedication in gyn. surg., comparison with morphine 23543

premedication in pediatric surg. (It) 3645

premedication in pedodontia (It) 15899

psychoses, combined with reserpine & 10-(3-dimethylamino-1-methylethyl)-phenothiazine (Ger) 32965

psychoses, comparison with prochlorperazine 50849

psychoses, comparison with 2-trifluoromethyl-10-(3-dimethylaminopropyl) phenothiazine 772

psychoses, eff. on blood proteins (Ger) 27016

psychoses, exogenous traum. & endogenous, eff. on blood proteins (Ger) 25369

psychoses, prognostic value of autonomic responses of disturbed psychotic patients 17736

psychosis, comparison with N'-p-N''-o-anisyl-urea & placebo 17741

pulm. edema, intravenous admin. (Pol) 8099

rheum. arthritis, value as substitute for cortisone deriv., clin. study & review (It) 53838

schizophrenia 17785

schizophrenia (Rus) 34762

schizophrenia, alone & with group psychother., comparison with regressive electroshock ther. alone & with group psychother. 12597

schizophrenia, chronic drug-resist., with & without reserpine 38549

schizophrenia, comparison with electroshock ther. & insulin shock ther. 17755

schizophrenia, comparison with other physiol. procedures (Ger) 7378

schizophrenia, comparison with promazine & mephobarbital 34900

schizophrenia, comparison with reserpine 53815

schizophrenia, eff. of withdrawal 12616

schizophrenia, eff. on behavior 12617

schizophrenia, eff. on metab. in male schizophrenics 5464

schizophrenia, eff. on personality (Fr) 46821

schizophrenia, eff. on psychol. test performance, comparison with electroshock ther. & insulin shock ther. 17756

schizophrenia, post-ther. psychol. changes (Pol) 30771

severe character neurosis, correlation of psychiatric & psychol. eff. 49611

tetanus, comparison with barbiturates 53503

tetanus in heifer 16776

tetanus umbilical, in inf. (Dut) 43060

tuberc., pulm., with phenylsemicarbazide, postther. healing of cavitations with persistence of cavitary image (Fr) 53248

vomiting in pregn. (Pol) 27587

***CHLORPROPHENPYRIDAMINE*** see ANTIHISTAMINICS

## CHLORTETRACYCLINE

***determination***

in fish, residues after prev. of spoilage (Rus) 22683

polarographic behavior of chlortetracycline & its degradation products (Ger) 43602

***effects***

adrenal cortex inactivation after prolonged admin. in rats (Ger) 1440

biol. activity, test using Bacillus subtilis 23765

eff. of chlorpromazine on sensitivity in white mice (Rus) 49426

inhib. of intestinal absorp. of histidine in rats 37085

on blood sugar (Rus) 36378

on body weight & composition in rat, comparison with amino acids (Fr) 38682

on Corynebacterium diphtheriae variability (Pol) 29500

on develop. of Cryptococcus, Rhodotorula & Torulopsis species on poultry meat 25162

on E. coli, inhib. of electron transport as enzymic basis of resist. 16934

on exper. bacillary dysentery, eff. of vitamin B2 on ther. effectiveness (Rus) 36376

on exper. Shigella keratoconjunctivitis (Rus) 36400

on growth in young rats (Cs) 38127

on incidence of liver abscess in cattle 12735

on interoceptive responses to acetylcholine (Cs) 26517

on Klebsiella rhinoscleromatis, primary sensitivity (Rus) 11474

on liver glycogen (Rus) 36398

on microflora & microfauna of fresh water (It) 37465

on Proteus vulgaris & Pseudomonas aeruginosa in beef 1308

on psittacosis in parakeets 47617

***injurious effects***

side-eff. (Rus) 45170

***metabolism***

biosynthesis in Streptomyces aureofaciens, relation to resp. activities (Fr) 47421

prod. by Streptomyces strains, stimulation by benzyl thiocyanate admix. 28408

***preparation of***

extraction by organic solvents with detergents in alkaline media & precipitation with sodium chloride & acid aqueous solutions (Pol) 29521

***related compounds***

7-chloro-6-demethylchlortetracycline, antibact. activity 30119

demethylchlortetracycline, clin. comparison with chlortetracycline & tetracycline 47616

sodium & ethylenediamine salts, pharmacol. (Rus) 39339

***therapeutic use***

acute suppurative otitis media in child., comparison with penicillin & oxytetracycline 35332

adjuvant use in radium ther. of cervical cancer (Rus) 33618

brucellosis, with dihydrostreptomycin (Sp) 27209

cholangitis (Rus) 41695

diphtheria prev. (Rus) 34654

dysentery, bacillary, with vaccinother. (Rus) 36405

endocarditis lenta due to penicillin-resist. Micrococcus pyogenes (It) 23753

gonorrhea, with chloramphenicol (Rus) 45222

kwashiorkor, supplement to maize gruel diet, case report 39182

laryngeal papilloma in child. (Pol) 30325

leptospirosis in cattle, prev. 4617

peritonitis, appendiceal (Cs) 31552

puerperal uterine infect. in cows, with neomycin 28180

pyoderma, ointment admin. (Rus) 45871

syphilitic subclavian aneurysm (Fr) 51391

## CHOLANGIOGRAPHY

*see also* CHOLECYSTOGRAPHY

42813

adjuvant meperidine & morphine in intravenous cholangiocystography (Cs) 14876

air contrast cholangiography, technic & results, exper. & clin. study (It) 53772

cholangiocholecystography (Sp) 31199

53815

cholangiocholecystography in inf., use of intramusc. iodipamide-hyaluronidase (It) 2966

cholangiocholecystography in two stages (Fr) 39482

cholangiocholecystography, intravenous, value of use of cholerotic agent, 1,4-dicaffeyl-quinic acid (Fr) 8554

cholangiocholecystography, intravenous with sodium iodipamide, persistence of vesicular shadow (It) 35556

cholangiocholecystography with cholecystokinin for improved visualization (Dut) 40466

cholangioradiomanometry, perop., clin. statist. (Sp) 1842

choledochal lithiasis (Ger) 23190

common bile duct with sodium iodipamide contrast medium (Ger) 15888

contrast medium, sodium iodipamide (Ger) 22843

contrast medium, sodium iodipamide in intravenous & peroperative cholangiography, comparison (Cs) 14879

intravenous 53061

intravenous, diag. value (Sp) 31011

intravenous, false negative shadows caused by gas bubbles 28094

intravenous, prep. with bis (p-acetoxyphenyl)-3-pyridylmethane (Ger) 6051

intravenous, technic & statist. 3160

intravenous, with biligraffin (Cs) 2747

perop. 4548

perop. (Fr) 41996

perop. in surg. of biliary tract, technic & diag. value 18059

perop. in surg. of gallbladder dis., technic & ther. value 11798

pitfalls (Fr) 51452

planigraphy after cholangiocholecystography with sodium iodipamide (Dut) 40467

preop. & perop. in biliary tract surg. (Fr) 27832

preop. & postop. (Sp) 8923

televised fluoroscopy of bile ducts (Fr) 41400

transhepatic, indic. & technic (Sp) 53322

with cholecystokinin (Sw) 52729

with tomography (Ger) 22794

***apparatus and instruments***

cassette holder for operative cholangiography 846

***in various diseases***

acute cholecystitis & pancreatitis, diag. value of intravenous cholangiography 52625

cholangiocholecystography & fistulography in echinococcosis of liver (It) 53785

intravenous in post-cholecystectomy synd. 36113

per-operative, in biliary abnorm., dis. & neoplasms, case reports (It) 47813

perop. in diag. of prolonged obstruct. jaundice in inf. 53716

peroperative aerial cholangiography in diag. of stenosis of Vater's ampulla & common duct calculi (Ger) 46008

preop. cholangiography in dystomiasis of common bile duct (Fr) 53436

## CHOLANGITIS

of hepatic & non-hepatic origin, review (Ger) 15842

primary sclerosing, review & case reports 158A

***complications***

cholangiolitic hepatitis clin. significance & nosographic picture (It) 24944

***differential diagnosis***

(Ger) 38957

***etiology and pathogenesis***

collagen dis. in etiol. of chronic stenosing cholangitis (Sp) 31029

***therapy***

chlortetracycline (Rus) 41695

## CHOLECYSTECTOMY

anesth. & postop. care of polic. patient with residual paralysis undergoing cholecystectomy 14571

indic. 22095

indic. & prev. of compl. by early use (Ger) 19013

midline incision technic 28504

operative risk (Dut) 52522

post-optimal indic. 5230

postop. bacteriol. study of bile (Ger) 7085

postop. diameter of common bile duct 48317

postop. med. ther. 54517

postop. tomography with sodium iodipamide & postop. synd. (Fr) 28227

subtotal, indic., technic & postop. evaluation 40342

subtotal, its rationale, technic & postop. evaluation 50244

surg. anat., indic. & technic (Por) 36904

technic 47240

***complications***

accid. trauma to bile ducts, causes & prev. 34957

caused by inadequate exposure & technical errors, prev. 27956

pancreatitis, incidence, etiol. & ther. (Sw) 10167

post-cholecystectomy synd. (Ger) 50631

postop. bile duct changes (Cz) 14877

postop. biliary sympt. of cystic duct (Sp) 37282

postop. cystic duct stump synd. (Ger) 11399

23170

postop. dilat. of cystic duct (It) 6819

postop. dilation, lithiasis & neuroma of residual cystic duct stump (Por) 53861

postop. obstruct. jaundice caused by for. body granuloma (Ger) 9538

postop. sclerosis of Oddi's sphincter causing biliary hypertension, dyspepsia, epigastric pain & vomiting (Sp) 44514

postop. synd. 51546

55275

postop. synd. (Ger) 35583

postop. synd., diag. by intravenous cholangiography 36113

postop. synd., etiol. & ther. (Ger) 23679

postop. synd., icterus index & blood phosphatase activity, diag. value 11881

postop. synd., prev. & ther. by choledochoduodenostomy 40993

surg. inj. due to deform. of biliary tract 23693

***effects***

on blood lipases (It) 13511

on pancreas & appetite after treatment with gallbladder extracts (Ger) 45395

***in various diseases***

cholecystitis 41095

cholecystitis, acute 26610

46522

cholecystitis, acute (Rus) 32546

cholecystitis, acute, as surg. emergency (Fr) 39484

cholecystitis, acute, comparison of postop. course in early & delayed surg. 11880

cholelithiasis & cholecystitis, postop. pancreatic funct. (Rus) 33235

cholelithiasis & other gallbladder dis., indic. (Ger) 18966

## CHOLECYSTITIS

acute 47241

acute, diag. & surg. 3794

acute, pathogen. & ther. (Sp) 8183

acute, pathol., diag. & ther. 53282

diag. & ther. (Rus) 33226

etiopathogen. & prev. of chronic gallstone-free dis. (Ger) 7095

***case reports***

acute gaseous 51563

emphysematosa (Ger) 34037

pneumocholecystitis, acute (Por) 8730

with cryptococcosis & moniliasis (Por) 53855

without calculi 27083

***diagnosis***

acute pneumocholecystitis 35891

intravenous cholangiography 52625

***etiology and pathogenesis***

acute, caused by tapeworm infect. (Rus) 41546

infestation by fluke Opisthorchis felineus, ther. (Rus) 45669

phlegmonous, due to echinococcal cyst causing common bile duct obstruct. (Rus) 41554

Salmonella typhosa, case report (Tur) 22370

***experimental***

with spontaneous develop. of duodenitis & pancreatitis in cats (Ger) 34018

***in infant and child***

acute gangrenous in 7-year old (Rus) 41552

in giardiasis, diag. value of intradermal Lamblia antigen test (Rus) 7913

with cholelithiasis 11070

***in pregnancy***

acute, with rupt. of abdom. ectopic pregn. (Rus) 41544

***pathology***

argyrophile epithelial cells (Ger) 22872

nerve elements in gallbladder, histopathol. (Ger) 23122

***surgery***

***see also*** CHOLECYSTECTOMY

acute cholecystitis (Por) 8743

early, in acute cholecystitis 156

local anesth., method & results (Rus) 18188

***therapy***

(Hun) 30295

acute, remote results (Rus) 41533

acute, surg. & ther. indic. (Sp) 8218

6588

antibiotics in young subjects (Rus) 41700

in acute cholecystitis (Fr) 39834

in rural district hosp. in Russia (Rus) 41550

management 12722

terpene mixture (Ger) 6664

## CHOLECYSTOGRAPHY

absence of gallbladder image, surg. significance (Sp) 43853

application in construction of plastic model of gallbladder for measuring its size & volume (It) 2499

3,3-bis(4-hydroxyphenyl)-oxindole enema 11099

cholescintilography with radioactive iopanoic acid (Por) 8756

contrast media, diatrizoate sodium & methylglucamine salts with iodipamide methylglucamine in simultaneous cholecystography & urography 12661

contrast media, intravenous & peroral admin., & diag. value of 24-hour control test (Ger) 19375

contrast media, iophenoxic acid, comparative value (Ger) 11171

contrast media, sodium iodipamide & vesipaque, oral & intravenous admin. (Ger) 51802

contrast media, sodium iodipamide in determ. of bile duct concentration capacity (Ger) 29385

contrast media, sodium iodipamide, interpretation of horizontal illumination strips & fast sedimentation (Ger) 38099

contrast medium, β-(3-amino-2,4,6-triiodophenyl)-α-ethyl acrylic acid sodium salt 24656

contrast medium, cistobil labeled with radioiodine, diag. value of scintigrams (It) 19239

contrast medium, cistobil labelled with radioiodine, absorp. in mice (It) 19240

contrast medium, cistobil, peroral admin. (Ger) 23894

contrast medium sodium iodipamide after failure with oral opaque medium 17287

contrast medium, vesipaque (Ger) 38446

42263

determ. of eff. of Nürtingen spring water on gallbladder musc. (Ger) 51801

lateral decubitus position 24654

oral & intravenous, correlation with bromsulphalein retention (Sw) 53731

prep. of gastrointestinal tract with bis(p-acetoxyphenyl)-2-pyridylmethane (Ger) 11208

with cholecystokinin (Sw) 52729

with cholecystokinin & secretin (Sw) 52728

with cholecystokinin, eff. on emptying of contrast-filled gallbladder 35462

with cholecystokinin intravenous drip infusion for gallbladder emptying (Sw) 52730

***in various diseases***

fixed defects in gallbladder wall, differ. diag. 53721

liver cirrhosis (Rus) 45102

papillary adenocarcinoma of gallbladder, diag. of noncalculous filling defects 20952

serial precp. in diag. in biliary dyskinesia 34966

Vater's papillitis (Ger) 39418

## CHOLELITHIASIS

compl. & surg. (Fr) 18628

cystic duct (Fr) 36639

etiol., compl. & surg. indic. (Ger) 21598

incidence 51149

manifest., differ. diag. & ther. 53384

physiol. & x-ray manifest. (Fr) 410

spontaneous passage of gallstones (Ger) 13100

***case reports***

calculous calcification, surg. indic. (Fr) 24242

choledocholithiasis (Rus) 41693

with nocardia infect. (Por) 53654

with stones in gallbladder, common & intrahepatic ducts, surg. (Pol) 53135

***complications***

bile retention & liver cirrhosis, case reports (Fr) 36653

cholecystointestinal fistulae, surg. (Ger) 23680

diaphragmatic hernia & diverticulosis, incidence & clin. features of the triad 4480

diarrhea, case reports (Fr) 39485

echinococcosis of liver (Fr) 51466

extrahepatic biliary calculi, cancer & stenosis causing obstruct. jaundice (Sp) 44557

gastrointestinal hemorrh. (Pol) 20434

hepatorenal synd. (Ger) 29466

intestinal obstruct. 7283 11062 12721 39938

intestinal obstruct. (Dut) 7282

intestinal obstruct., case reports (It) 2878

intestinal obstruct., clinicoradiol. aspects & case report (It) 19246

intestinal obstruct., liver changes 47367

intestinal obstruct., recur. 836

intestinal obstruct., surg. (Por) 21062

migration of calculi into duodenum through choledochoduodenal fistula, x-ray manifest. of duodenum (Fr) 36637

pancreas dis., diag. by phys. exam. (Fr) 35150

pancreatitis, minor secondary form (Fr) 9505

perf. into abdom. wall (Ger) 15306

residual calculus in common bile duct, case report (Fr) 6407

ulcerating calculus causing hematemesis 53233

***diagnosis***

choledochal, cholangiography (Ger) 23190

common bile duct, palpation 46525

determ. of diazo reaction rate in blood bilirubin (Dut) 7328

opacification of calculi with iopanoic acid for radiography 40317

preoperative serial cholangiography in common duct calculi (Ger) 46008

tomography & contact radiography of biliary tract (It) 19243

***differential diagnosis***

differentiation between floating calculi & megacystic calculi (Fr) 41392

***etiology and pathogenesis***

changing concepts 47276

disord. of mucopolysaccharide metab. in mesenchyma of gallbladder wall (It) 51977

relation to gastrectomy (Ger) 53392

***experimental***

blood lipid fractions, eff. of sodium cholate in dog (Sp) 8794

dihydrocholesterol-induced, eff. of bile acids & other choleretic agents 46501

***in infant and child***

with cholecystitis 11070

with hypothyroidism & spontaneous vasc. rupt. in thigh, case report (Fr) 1452

***manifestations***

unusual manifest., case reports 14071

***metabolism***

eff. of diet on biliary cholesterol & eff. of human liver homogenates on oxidation of blood cholesterol (Fr) 26692

***microbiology***

Shigella (Ger) 22928

***pathology***

nerve elements in gallbladder, histopathol. (Ger) 23122

***surgery***

***see also*** CHOLECYSTECTOMY

lithotripsy, indic. & contra-indic. (Bul) 28778

postop. recur. (Sp) 35966

postop. residual common duct calculi 47242

total sphincteroplasty in lithiasis of common bile duct (Fr) 42444

***therapy***

common bile duct, chloroform instillation & biliary flush 33485

conservative ther. & surg., follow-up (Nor) 22246

terpene mixture (Ger) 6664

CHOLERA

receptor destroying enzyme from cholera filtrate, eff. on interference in fowl plague virus in tissue culture (Ger) 46170

review 55076

***diagnosis***

bacteriol. diag., prep. of selective medium for isolation of vibrios 23939

fecal cultures 28414

***epidemiology***

in E. Portugal in 1893 (Por) 12913

in India, clin. statist. of cases during epidemic & non-epidemic periods 10471

paracholera cases in Java 10514

periodicity in China (Rus) 11488

***immunology***

vaccine from killed Vibrio comma & Pasteurella pestis (Rus) 55794

CHOLESTEATOMA

atticus tympani 5287

5288

5289

brain & spinal cord (Fr) 35235

brain, case reports & review (Fr) 35231

cerebellopontile angle & optic chiasma region (Fr) 35236

false cholesteatomas of paranasal sinuses, diag. & clin. aspects (Rus) 45729

middle ear behind intact tympanic membrane (Ger) 9536

orbit, classif. of cholesteatoma & case report (Fr) 35237

temporal bone, true cholesteatoma 34934

***case reports***

mandible 17874

middle ear, traum. (Ger) 23044

with enormous bilateral cavitation of mastoid (Sp) 8874

***complications***

otitis & other intracranial compl. in cholesteatoma of inner ear 35239

spontaneous rotatory nystagmus in unilateral cholesteatoma of cerebellopontile angle 100

***diagnosis***

temporal bone, x-ray diag. 20951

***differential diagnosis***

infect. of paranasal sinuses (Rus) 10780

***etiology and pathogenesis***

develop. after failure of antibiotic ther. in mastoid & middle ear dis. surg. 21842

middle ear, after tympanoplasty (Ger) 23043

middle ear, caused by radical surg. of otitis media (Ger) 19317

post-mastoidectomy cholesteatoma (Rus) 39427

***in infant and child***

middle ear (Pol) 30399

***manifestations***

skin striation in cholesteatoma of middle ear (Ger) 35293

CHOLESTEROL

cholesterol pleurisy (Sp) 31818

concentration & purification of viruses by adsorption on cholesterol column 10861

***antagonists***

4-cholesten-3-one, biochem. conversion to cholesterol in suspensions of human feces 38345

α-lipoic acid in rabbits 7181

***determination***

free & esterified cholesterol, separation by chromatography on alumina (Fr) 24788

ultraviolet spectrophotometric method after precipitation of cholesterol as its digitonide 46899

***effects***

arterial wall response to intramural cholesterol in cockerels 20748

dietary, causing arteriosclerosis 30627

dietary cholesterol on blood cholesterol, aortic cholesterol & aortic & coronary atherosclerosis in rabbits 24043

dietary cholesterol on blood lipids in adrenalectomized dogs 12511

dietary, on induction of liver cirrhosis, alone & with alcohol in rabbits (Rus) 52948

high cholesterol diet induction of arteriosclerosis in guinea pig, alone & with slow carbon disulfide pois. (It) 3596

high cholesterol diet on complement titer, blood proteins & lipids & pathol. in rabbit & guinea pig, response to prolonged admin. of ethionine 40905

high cholesterol intake on metab. adaptation to high fat diet in rat 36616

induction of atherosclerosis, eff. of methionine & choline on tissue lipids & vasc. structure in growing rat 17824

induction of atherosclerosis in rabbits, blood protein picture & influence of renal hypertension 6116

induction of atherosclerosis, morphol. of lesions in rabbit 29145

on blood lipid levels in rabbits, admin. with triton A-20 (It) 37422

on liver lipids (Rus) 48011

on ovaries & uterus of young rats (It) 29627

***in blood***

anticholesteremic eff. of p-biphenyl-butyric acid (It) 48750

cholesterol/lipid phosphorus ratio in rats, eff. of food fats 4179

colorimetry, technic 38512

crystals, causing embolism in atherosclerosis (Dut) 29937

determ. & relation to lowered basal metab. rate in Indians 40073

determ., ethyl ether & petroleum benzin agitation technics (It) 13980

determ. in thyroid funct. test, technics & diag. value, comparison with basal metabolism determ. & radioiodine fixation (Fr) 54463

determ. of free & esterified cholesterol, chromatography (Ger) 41726

determ. of free, esterified & total cholesterol, technic (Bul) 45315

determ., serum-sodium alcoholate turbidimetry (Fr) 32012

determ., simple rapid technic 12026

46944

eff. of buffered nicotinic acid 2206

eff. of bovine somatotropin in man (It) 37412

eff. of carbutamide on levels in normal & in thyroidectomized rats (Ger) 35086

eff. of choline & vitamin B12 admin. in infect. hepatitis (Rus) 33355

eff. of cobalt chloride, in rabbits (It) 25645

eff. of deep insulin shock ther. 71

eff. of diet with vegetable oils as principal source of fat 28144

eff. of dietary amino acid defic. & protein level on cholesterol levels in chicks 41230

eff. of dietary proteins in rat 1398

eff. of dietary saponin on levels in chickens 31423

eff. of elastase & glucagon on levels in chickens (It) 48123

eff. of exper. exchange transfusion with erythrocytes (Ger) 23608

eff. of exper. hyperinsulinism in rabbits (Rus) 7790

eff. of fat intake (Cu) 48634

eff. of glucagon on total & esterified cholesterol (It) 1872

eff. of hypocholesteremic prep. arcofac in ment. disord. in aged, postprandial admin. 39150

eff. of insulin shock ther. of schizophrenia (Rus) 46289

eff. of intra-arterial inject. of oxygen on cholesterol levels (Fr) 32914

eff. of iodine ther. of cardiovasc. dis. (It) 29669

eff. of lecithin (Ger) 18948

eff. of nicotinic acid & phenylbutyramide, singly & combined, in hypercholesteremic dogs & humans 461

eff. of nicotinic acid in dogs & rabbits (Ger) 33985

eff. of oxygen in hypertension & arteriosclerosis (Rus) 33235A

eff. of pentylenetetrazole shock & electroshock on levels in rabbits (Fr) 32926

eff. of polyunsaturated fatty acids in atherosclerotic hypercholesterolemia (Fr) 37925

eff. of prednisolone, relation to sex hormones (It) 9407

eff. of prednisone & prednisolone (It) 31762

eff. of protamine sulfate & fractional products on blood levels (Fr) 9209

eff. of reserpine on levels in cholesterol-fed rabbits 31398

eff. of sex & dietary phospholipids in swine 44081

eff. of sitosterol-unsaturated fatty acid-vitamin E-vitamin B6 prep. in patients with previous myocardial infarct 24435

eff. of small doses of x-ray & isotopes (Ger) 22807

eff. of soy bean oil (Fr) 41946

eff. of stress at examinations in med. students 26285

eff. of stress caused by visual & auditory irritation in rats 24834

eff. of thyroid hormone prep. on levels in cholesterol-fed cockerels 15010

eff. of thyrotropin (Sp) 8691

eff. of unilateral adrenalectomy, in rabbits (It) 30691

eff. of unsaturated fatty acid prep. in patients with arteriosclerosis (It) 42689

eff. of vitamin A content of blood on cholesterol determ. 31361

excess, caused by chronic colibacillosis (It) 14524

excess causing atheromatous changes in nylon & orlon grafts in aorta of dogs 31444

excess causing ocular changes in rabbits 46456

excess causing ocular lesions in rabbit, comparison with Coat's retinitis (Por) 53849

excess, diag. & ther. (Fr) 38800

excess, eff. of low-fat diets, unsaturated fatty acids, sitosterol, 1-triiodothyronine & other drugs (It) 3874

excess, eff. of nicotine in cockerels 50261

excess, eff. of normal, low-fat & vegetable-oil diets 2945

excess, essential familial, genetic aspects 35727

excess, exper., eff. of inject. of surface-active agent 31405

excess, familial predisposition & relation to coronary atherosclerosis 42027

excess in case of biotin defic. in child 11976

excess in coronary dis., ther., fat restricted diets 31818

excess, in liver cirrhosis 523

excess in pregn. 4193

excess in rabbits with exper. aortic intimal inj., eff. of cortisone on repair of inj. 46486

excess induced by cobaltous chloride, eff. of heparin & serotonin (It) 1985

excess induced by phosphatides, determ. of source of excess cholesterol 12515

excess, relation to asteroid hyalitis 16575

excess, ther. by nicotinic acid & vitamin B6 585

excess, ther., diet with corn oil margarine substitute for all solid fats 49779

excess, ther. eff. of choline with inositol & polysorbate 80 43038

excess, ther., gastric mucoprotein (It) 29668

excess, ther., nicotinic acid, AMA council report 16666

excess, ther., pentaerythritol (Fr) 49749

excess with abnorm. carbohydrate metab. 29527

excess, with dysproteinemia in exper. protein withdrawal by plasmapheresis, relation to nephrotic synd. (Ger) 55468

excess, with familial xanthomatosis & hypothyroidism (Nor) 52723

excess with xanthoma tuberosum & talipes equinovarus (Ger) 55480

excess with xanthomatosis 35724

excess, with xanthomatosis, biochem. (Fr) 9207

excess with xanthomatosis, relation to coronary dis. 35725

hypocholesteremic activity of amino acid mixture corpe-67-82 (Fr) 54904

hypocholesteremic & clearing eff. of heparinoid extract from intestinal mucosa (It) 42672

hypocholesteremic eff. of fats, oils & plant sterols, relation to degree of unsaturation 2541

hypocholesteremic eff. of oral admin. of brain extract, mechanism of action & ther. value 17593

hypocholesterolemic eff. of substance isolated from pig gallbladder (It) 1956

in Alaskan Eskimo men 18374

in arteriosclerosis & hypertension, eff. of vitamin C (Rus) 33240

in arteriosclerosis, determ. in GP 41441

in arteriosclerosis, eff. of dietary unsaturated fatty acids 51594

in arteriosclerosis, eff. of diets 52680

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

in arteriosclerosis, eff. of estrogen & thyroxine deriv., review 49932

in arteriosclerotic & other heart dis., determ. (Fr) 21380

in arteriosclerotic heart dis., incidence in E. China 48682

in Australians & natives of New Guinea from birth to adulthood, comparison 36981

in coronary arteriosclerosis & myocardial infarct, correlation with phospholipids (Rus) 18294

in coronary arteriosclerosis, eff. of special diets (Rus) 33628

in diabetes mellitus, eff. of ingestion of butter 22260

in exper. silicosis (Fr) 47756

in exper. vaccinia in calves (Ger) 55486

in germ-free chickens 49324

in healthy & coronary arteriosclerotic men of different origin & occup. in Israel, relation to dietary habits 13153

in hypertension, eff. of artif. & natural ultraviolet rays (Ger) 47689

in hypertension, eff. of N-(γ'-trimethylammoniumpropyl)-N'-methylcamphidinium dimethyl sulfate (Ger) 11303

in kwashiorkor 29530

in α- & β-lipoprotein fractions in myocardial infarct & normal subjects (Fr) 37924

in male & female champion skiers 24868

in nephrectomized dogs on artif. kidney 12510

in normal & arteriosclerotic Iranians, comparison with other countries (Fr) 11946

in obese mice 52324

in psoriasis, determ. with lecithin loading test (Ger) 3211

in psoriasis, eff. of sitosterol admin. 38872

in psoriasis in men & women 17522

in Rh sensitized women treated with Rh hapten 3467

in stress (It) 37293

mechanism of changes in deranged thyroid states 24394

origins 24393

relation to blood pressure & body fat in Australian men 36980

relation to soc. & econ. status 40072

separation of cholesterol esters for determ. of iodine value & of cholesterol, technics 20765

stability, relation to atherosclerosis (Fr) 31039

total & esterified cholesterol in peripheral vasc. dis. (Pol) 30816

turnover rates of fatty acids of cholesterol esters in post-abortive dogs 728

*in cerebrospinal fluid*

in multiple sclerosis, comparative free & esterified cholesterol levels, clin. value 69

*metabolism*

absorp. & distribution after feeding to rats 31404

adrenals, eff. of cortisone & thyroid hormones on content in normal & hypophysectomized rats (Ger) 34012

adrenal glands, eff. of ethyl alcohol in lysine-, nicotinic acid- & tryptophan-defic. rats 44284

adrenals in hypothermia, eff. of ACTH in rat (Fr) 36617

adrenal levels, eff. of ACTH admin. in chicks 1639

aorta, binding by aortic intima, eff. of hyaluronidase (Tur) 45481

aorta, retention properties of normal & atherosclerotic aortic intimas (Tur) 45479

biochem. (Fr) 54138

biosynthesis by aorta & liver, eff. of cholecystic extract in rats (It) 14019

biosynthesis by arterial tissue, species differences 20718

biosynthesis by strain of human uterine fibroblasts cultured in vitro 31295

biosynthesis from acetate & mevalonate in liver of hypophysectomized rats, eff. of total-body x-irradiation (It) 52105

biosynthesis from acetate in animal blood in vitro 14617

31462

biosynthesis from various labelled precursors in rat liver, eff. of total-body x-irradiation (It) 52106

biosynthesis in isolated perfused liver, eff. of triton & 4,4-diphenylbutyric acid 49368

biosynthesis in rats, eff. of 2-(4-biphenylyl)-butyric acid 36564

biosynthesis of cholesterol & related substances, review 1266

biosynthesis, review 14191

blood & liver accumulation of esterified dietary cholesterol & inhib. eff. of esterified sitosterol in rat 5535

brain synthesis 36612

brain, turnover in brain of growing chicken 41211

cholesterol ester absorp. in rats with lymph-fistula 12576

cholesterol esters in rat liver, eff. of dietary fat on fatty acid composition in rats 5558

cholesterosis in hyperplastic cholecystosis (Fr) 32381

cholesterosis of common bile duct, case report 35069

choroid plexus, demonstration in hypercholesteremic rabbit (Fr) 36696

clin. aspects (Sw) 52720

composition & concentration of lymph & serum lipoproteins in dogs after fat & cholesterol feeding 16903

disord. in tinnitus & vertigo (Fr) 31992

dynamic aspects, schematic presentation (Fr) 7760

eff. of 2-(4-biphenylyl)-butyric acid in rats 15006

eff. of 4-cholestenone in chicks 31436

eff. of diet on biliary cholesterol & eff. of human liver homogenates on oxidation of blood cholesterol in patients with cholelithiasis (Fr) 26692

eff. of dietary bile acids in rat 20788

eff. of dietary hydrogenated peanut oil & cholesterol on polyenoic fatty acids & cholesterol in tissues of chicks 319

eff. of food restriction, exper. study 50153

eff. of β-sitosterol on exper. hypercholesterosis in chickens 20761

eff. of 3,3',5-triiodothyroacetic acid on cholesterol levels in thyroidectomized rats (Fr) 48861

eff. of vitamin B6 defic., in chicks 35382

eff. of vitamin P in rabbits (Rus) 33630

eff. of x-irradiation in rats 11536

etiol. role in vasc. dis. 22723

excretion of metabolites, eff. of long-term fat-feeding in rats 31317

in institutionalized ment. defective women 608

incorporation of acetate-1-C14 into cholesterol by human intracranial tumors in vitro 41184

intestinal absorp., inhib. by β-sitosterol in mice (It) 37421

intestinal uptake, eff. of bile acids & other factors 35831

lipid changes in chylomicra & subnatant fractions of rat lymph during cholesterol absorp. 44126

liver & skin synthesis in vitro, influence of thyroid 41348

liver content in rats, eff. of nicotinic acid 7236

mobilization in liver, eff. of dietary β-sitosterol & cholic acid in mice 31401

musc., eff. of various cond. of thyroid disequilibrium in rats (It) 37515

myocardial levels in ethionine-treated rats (It) 1915

nerves, peripheral, acetic acid incorporation in wallerian degen. of cat nerves in vitro 41207

oxidation of blood cholesterol by liver, eff. of diet & seasonal variations in guinea pigs & rats (Fr) 26693

relation between cholesterol steroids, vitamin E & cancer 46761

tissue levels, relation to plant sterol metab. 24395

*related compounds*

bicholestane & deriv. structure analysis 2808

bicholestane, separation of stereoisomers 2809

cholesterol phosphate, eff. of alkaline phosphatases (Ger) 27884

3β-cyclohexylcholestane & deriv. structure analysis 2807

dihydrocholesterol induction of cholelithiasis in rabbits, eff. of bile acids & other choleretic agents 46501

4,4-dimethylcholestenol isomers, synthesis & identification of lanosterol metabolite 40488

22-ketocholesterol, synthesis & metab. of 40487

*CHOLESTEROLESTERASE see* ESTERASES

*CHOLIC ACID see* BILE ACIDS AND SALTS

CHOLINE

*see also* ACETYLCHOLINE

*deficiency*

eff. of cottonseed oil, fatty acids & diethylstilbestrol on choline-defic. weanling rats, comparison 41235

eff. on coenzyme I breakdown & synthesis in rat liver 16300

eff. on malic dehydrogenase I & reduced diphosphopyridine nucleotide cytochrome c reductase activity in rat liver 16301

inducing fatty liver, lipotropic eff. of lecithin in rats (Ger) 39047

lack of normal blood pressure rise in growing chicken deprived of choline in early life 44096

morphol. lesions in rats, enhancement by serotonin, review 20041

*determination*

colorimetric microdeterm. in phospholipids 13695

detection in king crab (Ger) 49903

isolation & analysis in various liver prep., method 4172

*effects*

dietary on tissue lipids & on vasc. structure of cholesterol-fed growing rats 17824

mechanism of action of choline esters on isolated animal organs 32489

on blood glycoprotein levels in rats after partial hepatectomy (It) 37400

on blood lipids & cholesterol in infect. hepatitis (Rus) 33355

on increased coagulation tendency in lipemic blood (Ger) 8076

on isolated guinea pig ileum strips, potentiation of various choline cpds. by folic acid, neostigmine & vitamin B2 & B12 36600

on liver carbohydrate metab. in hepatitis patients (Rus) 33354

on pathol. changes in liver in exper. hepatitis in rabbits (Rus) 33356

prev. of lipophanerosis of liver in dogs (Ger) 49687

*metabolism*

acetylation in isolated guinea pig ileum, eff. of various inhibitors 48237

distribution after admin. to mice, comparison with distribution of 2-dimethylaminoethanol 41279

eff. of unsaturated long-chain & saturated middle-chain fatty acids on fat content of rat liver in choline-free diet (Ger) 29894

oxidation rate in liver of hyperthyroid rats, eff. of diet 12513

review 1258

*related compounds*

γ-aminobutyryl-choline, eff. on EEG in cats & rabbits 29865

aminoethylphosphoryl choline, protective eff. against phenol, inhib. of Saccharomyces cerevisiae (It) 39318

aminoethylphosphoryl choline, protective eff. in exper. phosphorus & carbon tetrachloride pois. (It) 3542

betaine citrate ther. of psoriasis (Fr) 39494

betaine, eff. of parenteral admin. on fatty liver in rats (Fr) 3108

betaines, stimulation of frog musc. structure-activity relationship (Ger) 23636

choline sulfate, enzymic form. in Aspergillus sydowi 13814

choline theophyllinate ther. of dyspnoea 5157

choline-p-tolyl ether bromide irreversible inhib. of monoamine oxidase, comparison with iproniazid & pentamidine 13396

dihydrourocanyl choline hydrolysis by blood cholinesterase, inhib. by lysergic acid diethylamide & its 2-bromo deriv. 19579

β,β-dimethyl-acryloylcholine & other β-substituted acryloylcholines, pharmacol. 14132

methylfluorophosphorylcholine analogues, pharmacol. 1446

phosphorylcholine deriv., prep. & chem. & pharmacol. studies (Fr) 32941

urocanyl choline-like substances, pharmacol. 48223

*therapeutic use*

hypercholesteremia, with inositol & polysorbate 80 42028

*CHOLINE ACETYLASE see* ESTERASES

*CHOLINERGIC DRUGS see* PARASYMPATHOMIMETICS

CHOLINESTERASE

acetylcholinesterase activity of acetylcholine, methacholine & succinylcholine demonstrated by Schönemann colorimetric reaction 16704

eff. of insecticides on cholinesterase activity in locusts 20843

immunol. & enzymol. specificity of antibodies prod. by inject. of purified cholinesterase 44127

in a mixed peripheral nerve, histochem. 23547

in adrenal medulla in aged (Fr) 26891

in brain, correlation with brain weight in rat 47102

in brain, eff. of methylphenidylacetate in rabbit (It) 9397

in brain, relation to age & strains in rats 50920

50921

in electric organ of Torpedo (It) 53819

in end plate after severance of psychomotor nerve (Ger) 32267

in fetal goat & human cardiac & skeletal musc. 46550

in heart nerves & conduction system, histochem. (Rus) 37219

in hypothalamus in rats, eff. of serotonin 39265

in motor end-plates & ganglionic synapses 15696

in motor end plates of straited musc. in guinea pig following denervation (It) 27667

in myoneural junction & musculotendinous junction of rectus abdom. musc. in frogs, determ. & histochem. differentiation (Fr) 48829

in nerves of submandibular & sublingual salivary glands, eff. of postganglionic sympathectomy in rats, histochem. 34415

in parasympath. nerves supplying sublingual & submaxillary glands in rats, histochem. demonstration 16784

in post-mortem tissue, histochem. demonstration 17389

in skin, non-specific cholinesterase localization in specialized sensory nerve-endings of human genital skin 2045

in smooth musc., interference of esterases in histochem. determ. (Fr) 26843

in subcellular fractions of electric tissue of Torpedo 27420

mechanism of hydrolytic action, review 35560

potentiation by various drugs as antidote in parathion pois. in mice 13459

review (Ger) 41753

true & pseudo-cholinesterase in decentralized & axotomized sympathetic ganglia of rat 28640

***antagonists***

alkyl phosphate-inhib., rate of reactivation by pyridine aldoximes & related cpds. 13390

alkyl phosphinic acid-ether prep. in ther. of glaucoma (Rus) 22563

anticholinesterase drugs, eff. on behavior in rats after intracerebral inject. 21670

anticholinesterase pois., oxime ther. 43121

benzoic acid complex esters (Rus) 39331

O, O-diethyl-S-2-diethylaminoethyl phosphonothiolate, tox. to hibernating hamster 52325

diethylmercaptosuccinic acid O, O-dimethyldithiophosphate & malathion, residual eff. on mosquitoes, comparative field trials with DDT 4166

eff. on acetylcholine output & motility of isolated guinea pig ileum 48237

eff. on islands of Langerhans in guinea pigs (Fr) 26828

eff. on perception of tactile sensation in human volar skin 17528

inhib. by chlorpromazine & chlorpromazine sulfoxide in man 36570

isopropyl methylfluorophosphate bronchoconstruction in guinea pigs (Fr) 15116

isopropyl methylfluorophosphate, eff. on cardio-inhibitory, vasomotor & resp. centers of vascularly isolated dog head 47743

isopropyl methylfluorophosphate penetration into skin of rabbits, measurement of rate 28438

isopropyl methylfluorophosphate pois., eff. of 1-hydroxyiminoacetone in guinea pigs (Fr) 48676

isopropyl methylfluorophosphate pois. in rats, eff. of oximes 48227

isopropyl methylfluorophosphate potentiation of frog rectus abdominis musc. response to acetylcholine, eff. of pyridine-2-aldoxime methiodide 14129

isopropyl methylfluorophosphate vapor eff. of chronic exposure to dogs 34863

isopropyl methylfluorophosphate vapor exposure of dogs, eff. of atropine by various routes of admin. in resuscitation 23297

methylfluorophosphorylcholine analogues, pharmacol. 1446

new potent reactivators of cholinesterase inhibited by tetraethylpyrophosphate 42953

octamethylpyrophosphoramide, activation in fat body of desert locust 25861

octamethylpyrophosphoramide pois. in mice, testing of cpds. for antag. activity 14626

organic thiophosphates, enzymatic conversion to anticholinesterase agents in rat liver, eff. of various factors 17941

phosphate insecticides, determ. (Rus) 22655

review (Ger) 41753

***effects***

on isolated turtle heart during vagal stimulation with single & multiple shocks 35796

on predisposition of dogs to faradic epilepsy (It) 36771

on strychnine-induced cortical clonus in dogs (It) 36772

pharmacol. action on animals, influence of Rauwolfia alkaloids (Fr) 7762

***in blood***

determ. as liver funct. test, evaluation (Tur) 22385

determ., electrometric method in dog (Fr) 31945

determ. for estimation of surg. risk (Ger) 29107

eff. of ACTH 32251

eff. of dietary proteins in rat 50961

eff. of parathion, in humans 11610

eff. of thermal stress in man, relation to CNS disturbances produced 29838

erythrocytes, in glaucoma (Cz) 38299

hydrolysis of dihydrourocanyl choline, inhib. by lysergic acid diethylamide & its 2-bromo deriv. 19579

in cancer, determ., diag. value 10437

in cattle 12737

in cell necrosis 28297

in peripheral arteritis (It) 54196

in screening of organic phosphate insecticide pois. in agricultural workers in Louisiana 47207

in serum & erythrocytes, photometric microdeterm. (Ger) 41746

in various dis., diag. value (Pol) 53179

inhib. in vitro by extracts of solanaceous plants 21711

platelet activity in exper. berghi malaria in mice, eff. of splenectomy (Fr) 26857

preserv. of activity in blood (It) 14012

***CHONDROBLASTOMA*** *see* CHONDROMA

***CHONDROCYTES*** *see* CARTILAGE

***CHONDRODYSTROPHY*** *see* DYSCHONDROPLASIA

**CHONDROITIN SULFATE**

chem. structure, review 49460

mixture with dermatin sulfate yielding 2 disaccharides 22257

sulfate linkage 13610

***effects***

in x-ray lethal-dose irradiated animals (Rus) 6641

***metabolism***

in alkaptonuria, interaction with homogentisic acid, spectrophotometry 36917

in mammals, review 49463

liberation from bovine cartilage slices by bovine fibrinolysin 19594

***related compounds***

chondromucoprotein, review 49464

**CHONDROMA**

lungs, anatomopathol. & clin. aspects of chondromatous hamartoma & pure chondroma (It) 38530

multiple chondromatosis, manifest. & differentiation from Ollier's dis. (It) 20975

multiple chondromatosis of bone (Ger) 55729

***case reports***

enchondroma of sternum 871

finger, excis. with homoplastic graft of bone (It) 25605

first metacarpal bone (Rus) 43415

hamartochondroma, endobronchial, in recur. cavitation in pulm. tuberc. (Hun) 45469

lung, true chondroma (It) 3902

osteochondromatosis of hip, preop. & postop. clin. & x-ray aspects & postop. histopathol. (Fr) 53370

***diagnosis***

larynx, x-ray diag. 24660

***in infant and child***

neck (Rus) 45751

***surgery***

auto- & homografts in multiple ossifying chondroma of hand (Fr) 42418

**CHONDROSARCOMA**

***case reports***

fibromyxochondrosarcoma of mandible 24676

mediastinum, posterior 18138

small bones of hand 16984

***surgery***

mandible, excis. & reconstruction of mandible with tubed pedicle graft 278

**CHORDOMA**

***case reports***

abdomen, of unusual size (Ger) 34546

cranium, basal area (Ger) 55654

of dorsal spine 14659

oropharynx, histopathol. aspects 50753

sacrococcygeal, clin. pathol. conf. 19870

spine (It) 36785

spine (Rus) 22672

**CHOREA**

minor, review & case reports 16059

***case reports***

chorea minor, unusual case of prolonged duration 7456

hemichorea 38017

senile chorea, with psychomotor epilepsy & retinitis pigmentosa (Fr) 48617

***etiology and pathogenesis***

minor, caused by CNS changes in visceral lupus erythematosus (Ger) 373

Osler-Vaquez dis. causing recur. chorecathetosis, case reports (Fr) 18562

syphilis causing chronic chorea, case reports (Fr) 29187

***immunology***

antistreptolysin reaction (Ger) 27874

***in aged***

hemiballism, ther., chlorpromazine (Dan) 10620

***in infant and child***

limp chorea (Fr) 30331

rheum., interrupted sleep ther., remote results (Rus) 20277

rheum., with myocarditis, case report 4334

ther., chlorpromazine (Pol) 7815

***therapy***

reserpine in rheum. chorea in adult, case report 27978

reserpine, intrathecal admin. (Pol) 43459

***CHOREA, CHRONIC PROGRESSIVE HEREDITARY*** *see* HUNTINGTON'S CHOREA

***CHOREA, HUNTINGTON'S*** *see* HUNTINGTON'S CHOREA

**CHORIOADENOMA**

***case reports***

with invasion of bladder & right ureter (Ger) 54338

***CHORIOALLANTOIS*** *see* YOLK SAC

**CHORIOCARCINOMA**

pathol. & biol. significance (Ger) 34447

***case reports***

(Dut) 29935

extragenital, in male (Ger) 6722

hydatiform mole causing metastatic choriocarcinoma, case reports 8016

lungs, metastatic (Dut) 1616

ovarian chorio-epithelioma (Fr) 26252

primary, of fallopian tube after tubal pregn. (Ger) 46284

primary of lungs after full-term pregn., fatal case 12404

primary pulm. chorioepithelioma with cerebral metastases (It) 21447

stomach, primary metastasizing, in senile nullipara (Ger) 55525

testis (It) 42530

testis, prolonged survival after orchiectomy 40306

uterine 2661

uterus with lung metastasis, spontaneous regression of metastasis after hysterectomy 13394

uterus, with multiple metastases, in patient of hydatiform mole, clin. pathol. conf. 48557

vagina (Sp) 44527

***complications***

teratoma of mediastinum (Sw) 43185

***diagnosis***

metastasis to brain & other organs (Pol) 30070

***immunology***

immun. of subject against husband's cells 5564

immun. theories 18384

***in infant and child***

ovary, in 6-year old girl (Rus) 12138

ovaries, metastatic, case report (Ger) 3937

***in pregnancy***

in late pregn. (Ger) 49759

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

*therapy*

amethopterin in choriocarcinoma & related trophoblastic tumors 16565

amethopterin, metab. eff. in women with metastatic choriocarcinoma 48574

*urine in*

17-ketosteroids, partition chromatography (It) 6855

**CHORION**

in cytomegalic inclusion dis. in newborn, histopathol. (Fr) 37718

keratinization in vitro of chorionic epithelium of chick embryo 20743

tissue culture of human chorionic cells (Fr) 15138

*CHORIONITIS see* SCLERODERMA

**CHOROID**

blood content & thickness, relation to pathogen. of glaucoma (Ger) 28859

*abnormalities*

choroideremia (Ger) 28865

*anatomy and histology*

tapetum lucidum of kitten eye, electron microscopy 5908

*diseases*

detachment, exam. by ultrasonics 33874

postop. detachment with intraocular hemorrh., surg., scleral trepanation (Ger) 51258

retinochoroid dis. causing night blindness, classif. 45046

*neoplasms*

angioma with racemose angioma of medulla oblongata, case reports (Fr) 9135

cavernous hemangioma (Ger) 21947

melanoma, malignant 41448

sarcoma, diag., diaphanoscopy (Pol) 28837

*surgery*

elevation of choroid by insertion of polyvinyl sponge in retinal detachment surg. in dogs 47044

*wounds and injuries*

chorioretinal burns produced by atomic flash 4530

**CHOROIDITIS**

*diagnosis*

electroretinography in chorioretinitis (Cs) 14828

*etiology and pathogenesis*

chorioretinitis in congen. toxoplasmosis, significance in early diag. 4478

chorioretinitis in toxoplasmosis (Ital) 28706

choroidoretinitis due to toxoplasmosis 30201

*therapy*

arteriosclerotic chorioretinopathy, ther. 23866

granulomatous chorioretinitis, management 46457

prednisone in exudative choroiditis (Sp) 27217

*CHRISTMAS DISEASE see* HEMOPHILIA

*CHROMAFFIN SYSTEM see* PARAGANGLIA

*CHROMAPHIL SYSTEM see* PARAGANGLIA

**CHROMATES**

*injurious effects*

bichromate hypersensitivity in animals (Ger) 34316

chromic acid inj. to nasal mucosa (Fr) 36164

sensitivity, differentiation of specific & non-specific positive patch tests 1131

*poisoning*

caused by zinc chromate in indust. paints, hazards to workers (Ger) 25186

potassium bichromate (Ger) 34119

**CHROMATIUM**

*metabolism*

eff. of sodium thioglycolate on photosynthetic & dark metab. 2556

**CHROMATOGRAPHY**

ascending circular chromatography (It) 39312

circular chromatography (It) 39311

circular paper chromatography, rapid method 19663

2-dimensional paper chromatographic method combining ion-exchange & partition technics 52408

eff. of carrier gas on sensitivity of thermal conductivity detector in gas chromatography 52288

low-temperature chromatography, technic 21685

multiple circular chromatography (It) 39313

multiple pH levels in chromatograms 44976

new paper chromatographic method (Fr) 47355

new type solvent systems for relatively polar steroids 1352

pharmaceutic use (Ser) 10924

quantitative radial paper chromatography by measuring slides of chromatograms with microphotometer (Ger) 42832

separation of optical isomers by paper chromatography 26732

shape of spot & rate of sorption in paper chromatography 19508

*apparatus and instruments*

appar. for elution by combined chromatography & electrophoresis (It) 15751

automatic recording appar. 49465

detector for use with capillary tube columns in gas chromatography 52289

electrical device allowing analysis of constant volume fractions (Fr) 26346

microsample introduction system for gas chromatography 19692

*CHROMIC ACID see* CHROMATES

**CHROMIUM**

*effects*

carcinogenic eff. of chromite ore roast deposited in musc. tissue & pleural cavity of rats 11592

metal carcinogenesis, penetration of chromium into cell nucleus 38068

on skin 33378

*in blood*

elution from hemoglobin & erythrocytes of normal adults & ind. & patients with erythroblastic anemia, comparison 31336

*injurious effects*

contact dermatitis caused by chrome-tanned shoe leather 11578

contact dermatitis, diag. & physiopathol. (Fr) 37859

ulceration of feet with edema & physiopathic disord. of legs, in metal worker (Fr) 47768

*metabolism*

chromic sesquioxide excretion by dairy cows after admin. with feed 3079

*radioactive*

blood volume determ. (Cs) 48803

chromium-51 gamma ray sources 35860

determ. of resorption of erythrocytes from peritoneal cavity 10089

labeling of Ehrlich mouse ascites tumor cells, distribution & valence state of radiochromium 31350

labeling of erythrocytes in determ. of amniotic fluid escape into maternal circ. in labor 22068

labeling of erythrocytes in measurement of their life span (Fr) 21291

labelling in determ. of erythrocyte life span in leukemia (Ger) 27193

labelling in determ. of erythrocyte survival & destruction 32211

labelling in determ. of erythrocyte volume, comparison with plasma volume (Ger) 34021

labelling of erythrocytes, determ. of blood volume (Ger) 18335

labelling of erythrocytes in vitro, eff. of calcium ions 29845

persistence in skin of normal & of chromium-allergic patients after intradermal inject. (It) 43553

radiochromium chloride distribution, application as indicator of blood-brain barrier 46708

radiochromium chloride distribution, application to brain tumor localization 46709

simultaneous determ. with radioiodine in doubly-labelled blood, technic 17605

surface directional counting method for body distribution after inject. of labeled erythrocytes (It) 39712

*toxicity*

after long-term admin. of small quantities of hexavalent & trivalent chromium in drinking water to rats 36

**CHROMOBACTERIUM**

prodigiosum, symbiosis with Clostridium tetani in inoculation with metagenetic plate (Ger) 25242

prodigiosum, symbiosis with Corynebact. bifidum in prod. of Hemophilus influenzae after inoculation with metagenetic plate (Ger) 25243

violaceum, isolation of 2-amino-2, 6-dideoxy-D-galactose from specific component polysaccharide 37083

*CHROMOBLASTOMYCOSIS see* BLASTOMYCOSIS

*CHROMOPHOBE ADENOMA see* PITUITARY GLAND, *neoplasms*

**CHROMOSOMES**

abnorm. chromosome 10 origin in maize 38479

adhesion loci in differentiated heterochromatin of Trillium species 38480

aneuploid count in mitoses of livers of rats of various ages (Ger) 38478

bipartite spiral structure on spermatogonial anaphase chromosomes of mouse 27412

breakage & reunion after anaerobic swelling of Vicia faba seeds, distribution of sites (Ger) 48693

chromatid autonomy & polyteny in Bansea species 36603

chromatin develop. in nurse cells of oocytes of Drosophila melanogaster (Fr) 48694

chromosomal count in 5 long-term cell cultures derived from non-leukemic human peripheral blood 36455

chromosomal count of erythroblasts (Ger) 41770

chromosome aberrations in calcium deficient Tradescantia algae produced by x-irradiation 52334

chromosome arrangements in dieldrin-selected strain of mosquito Anopheles atroparvus 14474

color vision studies as test of x-chromosome constitution in Klinefelter's synd. 19642

complex relation of axial of meiotic prophase chromosomes & chromosome pairing in salamander 16960

crossing-over & size, sex differences in cells of hermaphrodite plants 48691

culture of chromosomes of Chinese hamster cells 5428

develop. anomalies in mice resulting from action of semi-dominant lethal gene 43532

E. coli inducible prophages & measurement of genetic segments transferred during conjugation (Fr) 36079

eff. of heterologous transpl. on chromosomes of ascites tumors 23980

euploidy maintenance in long-term cultures of human & animal cells in vitro 28329

exper. tetraploidy in newts 4983

gene competition in seed arrangement of Oenothera studied by using lethal factors as marking-genes, individual components of variability (Ger) 34393

34394

gene frequency in Brit. sheep, correlation with hemoglobin & blood potassium types 44038

gene mutants with changed reproductive characteristics in Allomyces arbuscula, analysis (Ger) 34396

genetic & phys. determ. of chromosomal segments in E. coli crosses 10201

genetic interference in Drosophila species 53354

genetic variations in Anopheles atroparvus atroparvus (Fr) 15135

genotypic control of crossing-over on 1st chromosome of Drosophila melanogaster 19569

heat as agent producing high frequency of mutations & unstable genes in E. coli. 7258

in cancerogenesis in serial tissue culture of mammalian cells 13252

in mouse sarcoma-producing cell strains & their derivs., cytol. 17781

insect embryo chromosomes, staining technics 54384

interrelation of various genes in isopod Sphaeroma serratum (Fr) 38642

lethal genes, transm. & relation to neonatal mortal. (Fr) 44929

Lt gene from isopod Sphaeroma serratum (Fr) 3061

mode of duplication in root cells of plant Crepis capillaris 27401

modified spring type pinchcock for flattening chromosome prep. 54589

natural selectivity for various chromosomal structure types in Drosophila subobscura, model exper. (Ger) 34389

number & deoxyribonucleic acid content in haploid & diploid nuclei of Coregonus fish (Fr) 49328

numbers & morphol. in cultures of various murine cell strains 5431

numbers in Crocus 37558

number in human sternal marrow 23934

numbers in sublines of hyperdiploid Ehrlich ascites mouse carcinoma (Ger) 55533

number in wasp Mormoniella vitripennis during spermatogenesis 25440

pairing in natural & induced tetraploid Dactylis 48698

polyploidy in regenerated liver of hypophysectomized rats 3508

polyploidy in spleen, quantitative biol. determ. (Ger) 11271

polyploidy of rat liver nuclei as measured by volume & deoxyribonucleic acid, eff. of aging 50579

polysomaty develop. in rat liver 3507

possible inversion in mating-type chromosome of Neurospora crassa 37559

priority of gene-conversion 49327

radioautographic studies with tritium-labeled thymidine, eff. of tritium on interpretation of results 51311

regulation during parthogenesis in worm Eisenia foetida (Fr) 48795

salivary, atypical structure in Cecidomyidae (Ger) 48690

self-reprod. 10196

sex chromatin determ. by blood & vaginal smears, comparison (Sp) 7590

sex chromatin determ. by hematomorphol. tests in female pseudohermaphroditism without adrenal hypertrophy (It) 20217

sex chromatin determ., clin. value (Fr) 32010

sex chromatin determ. of sex, review & exper. (Ger) 34430

sex chromatin determ., review (It) 8659

sex chromatin determ., technics & clin. value 38574

sex chromatin differentiation in benign & malignant prostate tumors 33104

sex chromatin in blood in Klinefelter synd. (Ger) 3988

sex chromatin in Ellobius lutescens & Microtus oregoni (Fr) 3446

sex chromatin in fetuses of early abortion & tubal pregn. (Ger) 39546

sex chromatin in genital abnorm. in man, cytol. determ. 8640

sex chromatin in human tumor tissue culture 3512

sex chromatin in Klinefelter's synd., discrepancy between chromatin & chromosomal sex (Ger) 6077

46601

sex chromatin in Klinefelter synd., ovarian dysgenesis & other endocrine dis. (Sp) 21185

sex chromatin in leukocytes (Ger) 19312

sex chromatin in leukocytes of normal peripheral blood of young adults 507

sex chromatin in leukocytes of peripheral blood & oral mucosa (It) 42761

sex chromatin in medullary blood cells (It) 43472

sex chromatin in normal tissues of patients with testicular tumors 32353

sex chromatin in oral, amniotic fluid & peripheral blood smears, value in sex determ. 4187

sex chromatin in peripheral blood cells & bone marrow in child. (It) 20216

sex chromatin in polymorphonuclear cells, sex determ. (Fr) 26838

sex chromatin in polymorphonuclear leukocytes (Ger) 42368

sex chromatin in polymorphonuclear neutrophils of enriched blood smears 40677

sex chromatin in schizophrenia 41199

sex chromatin morphol. in smear of human oral mucosa 508

sex chromatin pattern in myotonia atrophica 41816

sex chromatin pattern of testes in male sterility 49497

sex chromosomes, multiple, in Ostracods cypris (Ger) 48688

sex chromosome pairing in both sexes of Megaselia scalaris (Ger) 34387

sex-linked histocompatibility genes, attempted demonstration in mice 22310

size limitations governing incorporation of genetic material in bact. transform. 10199

somatic assoc. of positively heteropycnotic x-chromosomes in female mouse Mus musculus 39288

spermatogonial exchange involving X chromosome in Drosophila melanogaster 34378

structural types of Drosophila subobscura, selective advantage under exper. conditions (Ger) 49347

structure in Drosophila subobscura (Ger) 48695

thymidine utilization during chromosomal reprod., eff. of colchicine 7221

true chromatin-positive Klinefelter synd. in ment. defic. (Ger) 21609

Y chromosome of Drosophila melanogaster, eff. on constitution & amount of ribonucleic acid in unfertilized egg 3489

Y chromosome of Drosophila melanogaster, eff. on nucleosides & related cpds. in acid soluble fraction of unfertilized egg 3490

***effect of drugs on***

colchicine-induced tetraploidy & other types of heteroploidy in mouse 5073

colchicine-induced triploidy in mouse by treatment of gametes 5072

colchicine, on develop. of spindle & chromosome movements in endosperm 38480

glycol inhibitory action (Fr) 10212

pyronine, mutagenic eff. on Drosophila melanogaster 34379

***effect of radiations on***

beta rays on chromosome movement in mitosis 38482

chromosome breakage at high radiation dose-rates 7143

gamma ray-induced chromatid aberrations, eff. of oxygen on structure & frequency 19570

gamma rays, x-rays & fast neutrons, comparative effectiveness in producing aberrations in Tradescantia plants 31606

31-Mev betatron & 180 keV radiations on Drosophila melanogaster, comparative genetic eff. (Ger) 30276

ultraviolet ray mutations, protective eff. of fluorochrome in pollen (Ger) 10025

x-ray inactivation of yeasts with varying degrees of ploidy, mathematical analysis of genetic & nongenetic components (Ger) 46162

x-rays on Drosophila melanogaster spermatosoa, with urethane or mustard gas 34377

x-rays, on salivary gland chromosomes of Chironomus thummi embryos & larvae (Ger) 48689

**CHRONIC DISEASE**

care & rehabil., chronic dis. hosp. in Maryland 42021

care at Harrisburg Polyclinic Hosp., Pennsylvania, transform. of hotel to long-term care unit 37042

care, home & hosp. patient serv. 20896

care, homestead plan at Goldwater Memorial Hosp., New York City 4543

care, pub. health aspects 20895

care, terminal 45931

care, trends in U.S. hosp. 50142

chronic dis. hosp., gradual develop. from almshouses 16241

chronic dis. laboratory in pub. health 44367

chronic dis. unit in general hosp., organiz. & operation 49969

health-related soc. serv. 20897

Washington Home for Incurables, Washington, D. C., extern train. program 2335

***complications***

urinary tract disord. in chronically disabled patient, rehabil. 53056

***in aged***

care in Gt. Brit. 5805

home care 19956

new classif. of funct. status in activities of daily living 40863

***in infant and child***

dent. care of chronically ill child. 28096

***metabolism***

nitrogen, determ. by lean body mass creatinine coefficiency, relation to urinary steroids 34375

***pathology***

eff. on delta cells of anterior pituitary 4841

***prevention and control***

20894

activities of Amer. Commission for Study of Chronic Dis. (It) 37622

among adolescents in Switz. (Ger) 20616

in otorhinolaryngol. (Rus) 55214

***psychology***

psychol. problems of chronic invalidism 51417

***statistics***

eff. of changes in general mortal. rates & of age on survival of patients 38076

nursing care, changes in sleeping & eating patterns 40664

survival determ. by life table method 38290

***therapy***

lobeline, eff. on vital capacity (Ger) 39952

management of incurably ill 21815

mesoinositol-prednisolone-methylandrostenediol prep. in toxic ther. (It) 39524

phys. ther. & rehabil. 5349

rehabil. & prev. of med. & psychiatric compl. 27516

***CHURCHES*** *see* **RELIGION**

**CHYLE**

chyle chylomicrons, composition 17577

chyle cyst, surg. & case report (Sp) 53328

***CHYLOPERITONEUM*** *see* **ASCITES**

**CHYLOTHORAX**

review (Ger) 42280

***case reports***

bilateral, with chylous ascites 850

etiol. & ther. problems in nontraum. chylothorax (Fr) 43763

***etiology and pathogenesis***

left heart catheterization, case report 2369

***surgery***

(Ger) 22204

ligation of thoracic duct in traum. chylothorax in dogs & kitten 16773

***CHYMOTRYPSINOGEN*** *see* **ENZYME PRECURSORS**

**CHYMOTRYPSINS**

activity after coupling with isocyanatofluorescein (It) 37360

chymotrypsin digests of bovine somatotropin inducing nitrogen retention in man 29534

chymotrypsin lavage technic for cytol. diag. of gastric cancer 534

α-chymotrypsin, oxidized, sequence of 13 amino acid residues in fraction A 37111

inactivation by heat, influence of various factors on reversibility of inactivation 40491

structural relationship between nucleic acid & protein in DNK-α-chymotrypsin & natural nucleoprotein (Rus) 47979

***antagonists***

diphenyl-phosphorochloridate inhib. with liberation of phenol from chymotrypsin 47969

α1-glycoprotein, in rheum. arthritis 35214

***effects***

α-chymotrypsin on mixtures of esters & proteins at enzyme-saturating concentrations 5105

concentration of sputum in cytodiag. of lung cancer 10699

***therapeutic use***

bronchitis, insufflation with desoxyribonuclease for reduction of sputum viscosity 18431

α-chymotrypsin in enzymatic zonulolysis in cataract extraction (Fr) 36143

α-chymotrypsin in enzymatic zonulysis in cataract extraction (Ger) 19430 51239 51240 51241

α-chymotrypsin in enzymatic zonulolysis in cataract extraction (Sp) 43855

α-chymotrypsin in enzymatic zonulolysis technic of cataract extraction 34922

α-chymotrypsin in scapulohumeral periarthritis, local admin. (Sp) 8886

**CICATRIX**

facial scars, classif., anatomicoclin. & medicolegal evaluation & ther. indic. (It) 30678

postop. keloid form., prev. & ther. with citric acid (Ger) 11383

postop. pain & hyperalgesia 1242

skin suture marks, causes 12697

***pathology***

develop. of basal cell carcinoma (Ger) 34558

develop. of desmoid of abdom. wall on laparotomy scar (It) 20993

granulation tissue, life & pathol. (Fr) 47371

malignant potential of burn scars 20399

melanocyte pattern in freckled epidermis covering cicatrix 17537

***physiology***

eff. of dibenzoylcystine on cicatrization of mouse skin (Fr) 38683

exper. fibroblastic reactions in rat peritoneum (Sp) 43939

granulopenic activity of RE system during cicatrization of skin wds. in white rats (Fr) 15107

hormonal regulation of connective cicatrization (Fr) 47373

***surgery***

abrasive planning, postop. control of small vessel bleeding 34858

abrasive technics for traum. scars 18648

dorsal flap in surg. repair of cicatricial seq. of severe burn of neck, case report (Sp) 37277

of depressed scars of face, Moresetin technic (Sp) 13914

***CILIARY BODY*** *see* **UVEA**

***CILIARY GANGLION*** *see* **GANGLIA, AUTONOMIC**

**CILIATA**

***see also*** **BALANTIDIUM**

Entodinium alpinum n. sp. from rumen of Alpine ibex (Ger) 34306

Entodinium ibicis from Alpine goat Capra ibex ibex (Ger) 34315

immune reactions, eff. of guinea pig complement 4162

in snails (Pol) 33778

neuroformative system, morphol. (Ger) 46648

Opalina ranarum, electron microscopy (Fr) 48812

Ophrydium versatile, electron microscopy of kinetosomes (Fr) 5902

Paramecium aurelia, genetic disturbance of cell division giving rise to monster producing strain (Ger) 34388

Stentor polymorphus, electron microscopy of fine structure & relation to funct. 40596

Tetrahymena, antigenic relationships in 7 strains 47630

Tetrahymena pyriformis, electron microscopy of fine structure of pellicle in contact area of conjugating ciliata 40600

Tetrahymena pyriformis, factors influencing substrate utilization 39277

ultrastructure of ectoplasm-endoplasm border & fibers forming karyophore in cilia of genus Isotricha (Fr) 3060

*effect of drugs on*

thiacoumarin deriv. on Paramecium, lethal eff. (It) 48096

**CINCHONA ALKALOIDS**

*see also* QUINIDINE

*see also* QUININE

chairamine, classif. (Fr) 38650

**CINCHOPHEN**

*toxicity*

peptic ulcer induction in dogs, demonstration of histamine liberation in ulcerous region (Rus) 29182

peptic ulcer, induction processes alone & with histamine in rabbits on liquid diet 24842

**CIRCUMCISION** 20597

in surg. of phimosis, with dorsal incision (Sw) 43190

of female 3659

of newborn in cancer prev. (Ger) 49752

relation to incidence of cervix cancer, validity of questionnaire survey 17779

*CIRRHOSIS, HEPATIC see* **LIVER CIRRHOSIS**

*CIRRHOSIS, PULMONARY see* **PULMONARY FIBROSIS**

**CISTERNA MAGNA**

significance of air shadow of cisterna magna in pneumoencephalography 31634

**CITRATES**

mono-amides & mono-esters of methylene citric acid, pharmacol. 40352

use in blood transfusion, review 11936

*effects*

citric acid & sodium citrate on antigenic groups of erythrocytes (Cs) 38132

citric acid sensitivity in recur. Vincent's infect. 4395

dextrose-citrated solution on leucocytes in stored blood of dogs 9777

induction of shock, changes in cardiovasc. system in dogs (Rus) 52979

on bactericidal activity of rabbit serum against Bacillus subtilis 17404

on euglobulin methods of estimating fibrinolytic activity 4885

on ketosis metab., review 20024

on solubility of calcium phosphate in urine 18154

on tetracycline resorption in ther. of bronchopneumonia in child. (Ger) 39074

potassium citrate induction of cardiac arrest in open heart surg. for congen. & acquired heart dis. 3370

sodium calcium citrate on detoxication & excretion of radiostrontium, mechanism of action of citrate ion 2817

sodium citrate on blood coagulation in vitro 35651

sodium citrate with sodium thiosulfate, protective eff. against exper. mustard gas pois. in rats 48226

*in blood*

arteriovenous citric acid in hyperparathyroidism (Cz) 38120

citric acid in arterial blood in normal & pathol. states (Ger) 27187

loss caused by exchange transfusion in newborn inf. (Ger) 34094

*in urine*

citric acids, eff. of lactose ingestion in rat, time factor (Fr) 26854

*metabolism*

blood & urinary citric acid depression by 17-hydroxycorticosteroids 17024

citric acid accumulation in Aspergillus niger, eff. on glutamic-aspartic transaminase & succinic dehydrogenase activities (It) 39227

content in immature seeds during growth & maturation (Fr) 3032

isocitric acid, pathways of oxidation in mitochondria 37119

perfused human placentas, eff. of estradiol & chorionic gonadotropins 17060

prostate in normal & pathol. cond. 35123

*poisoning*

caused by transfusion of citrated blood 2155

citrated blood in blood transfusion as cause of hemorrh., cardiac arrest & tetany, exper. study 12847

*preparation of*

mono-amides & mono-esters of methylene citric acid 40351

*therapeutic use*

citric acid dissolution of renal phosphate calculi by retrograde irrigation 33122

citric acid in prev. & ther. of postop. cicatricial keloid form. (Ger) 11383

rickets (Por) 16484

sodium citrate in lead pois. (Ch) 38368

*CITRIC ACID see* **CITRATES**

*CITRIC ACID CYCLE see* **METABOLISM, TISSUE**

*CITROGENASE see* **DESMOLASES**

*CITROVORUM FACTOR see* **FOLIC ACID, *related compounds***

*CITRULLINE see* **AMINO ACIDS**

**CITRUS FRUITS**

aminopeptidases from citrus fruits, isolation & properties 1363

blood oranges, chromatography of component anthocyanins 19576

eff. of citrus fruit diet on vitamin C content of blood & milk of goats (It) 25640

lemons, occurrence of coumarin analogues in juice 19676

orange fluid extract, prep. & pharmaceutical value (Ger) 7973

orange juice at breakfast in hosp. 16169

**CIVIL DEFENSE**

AMA civil defense program 40321

AMA special study project report on civil defense 40328

design of underground hosp. for protection against nuclear attack 49939

exercise in California, med. & welfare serv. 40325

Federal Civil Defense Admin. package hosp. 13371

federal civil defense program 40322

hosp. organiz. (Dut) 23274

in atomic warfare 20588

in Denmark, signal communication serv. (Dan) 33403

in Italy, limits of participation of military med. (It) 19210

in Sweden, med. care plans (Sw) 54820

in U. S., Federal & state organiz. status 5075

mass casualties, management (Nor) 22239

45414

mass casualties, organiz. of hosp. for treatment 45535

material supply (Ser) 10923

med. care under emergency cond. (Dut) 23273

med. educ. programs relating to civil defense & military med., panel discussion of federal med. serv. chiefs 51953

military-civilian cooperation (Rus) 45849

national med. preparedness 40320

national shelter programs 40332

nursing aspects 6770

operational planning for environmental health 30903

organiz. of care of wounded in populated areas, prev. serv. (Ser) 10916

prev. med. in military & civilian defense (Ser) 37856

pub. health preparedness needs in civil defense 53651

pub. health problems 40327

responsibilities of med. profession 40331

role of dent. 40334

role of nurses 40335

train. in Oslo (Nor) 22241

train. in ther. of shock & admin. of anesth. & analgesia in mass casualties (Nor) 22240

*CLAUSTRUM see* **BASAL GANGLIA**

**CLAVICLE**

*see also* **SHOULDER**

*anatomy and histology*

bilateral coraco-clavicular articulations in Australian aboriginals 50408

*diseases*

osteochondritis in child. (Fr) 31119

*fractures*

bilateral, case report (It) 21504

caused by radiother., case reports (Fr) 41399

fixation by intramedullary axial wiring (It) 39675

fixation with Kirschner wire (It) 44319

in Addison's dis., case report (Fr) 35290

surg., errors (Bul) 28731

surg., intramedullary nailing (It) 43461

surg., intramedullary nailing, case report (Ger) 45997

suspension cast for 50209

with subtotal paralysis of brachial plexus, pathogen. & ther. (Fr) 51451

*radiography*

x-ray technics 15911

*surgery*

substitution with fibula (Rus) 43418

temporary section in broad approach to cervico-axillary region, indic. & technics (Fr) 18643

*CLAVUS see* **CALLOSITIES**

**CLEFT PALATE**

language skills in child. with cleft palate 5850

new classif. 30656 30656

Pierre Robin synd. 30663

37249

with harelip in dog, case report 16779

*complications*

articulation problems in adults 5829

defective articulation in relation to nasality of voice 28667

median, with Grob's dysphasia linguofacialis (Ger) 38438

otolaryngol. dis. 41899

*etiology and pathogenesis*

analysis of cases in twins 8039

environmental factors in presence of cleft palate in one of identical twins 8039

*experimental*

induction by cortisone in mouse fetus, reduction with vitamin B6 & folic acid 5211

palatal & facial growth in monkeys with surg. produced palatal clefts 8032

*pathology*

inhib. of pneumatization (Ger) 3943

relation to globulomaxillary cysts 43368

*prevention and control*

maternal admin. of folic acid & vitamin B6 during pregn. 30657

maternal admin. of vitamin supplements during pregn. 30658

*surgery*

36309

early expansion of maxillary arch, indic. & technics 24685

nasal repair in (Ger) 34189

pharyngeal flap staphylorrhaphy & speech aid for prev. of maxillofacial growth abnorm. 24684

postop. phoniatrics (Ger) 42878

preop. & postop. phonetic research, method & value (It) 29581

prosth., contribution of Amatus Lusitanus 28395

prosthetic aid, requisites 50147

retropositioning of premaxilla with expansion prosth. 8036

review (Pol) 43681

with pedunculated pharyngeal flap (Pol) 30310

*therapy*

rehabil., role of clin. psychologist 18090

speech ther. for pre-school cleft palate child 18096

**CLEIDOCRANIAL DYSOSTOSIS**

*case reports*

42050

unusual cases, x-ray 35461

*complications*

deafness 41059

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

*differential diagnosis*

generalized dysostosis (Ger) 47650

**CLIMACTERIC, FEMALE**

premenopausal care program 32517

*complications*

abnorm. uterine bleeding, diag. & management 38583

biliary fistula in postmenopausal female, urinary & bile progesterone in 4845

diag. & ther. (Ger) 22929

flushes & sweating, ther., testosterone propionate (Dan) 45499

hemorrh., radium beta radiation (Ger) 23238

hypertension, review (Fr) 25093

management 22164

musc. dystrophy (It) 1513

musc. dystrophy, metab. & endocrine aspects & case reports (Ger) 31597

nocturnal leg cramps, easy bruisability & epistaxis, ther. hesperidin & vitamin C 49002

occult blood in vagina as early sign of organic cond. after menopause 17840

post-climacteric & menopausal bleedings (Ger) 33947

postmenopausal endometrial disord., diag. & ther. value of curettage (Heb) 16083

postmenopausal hematometra (Fr) 26258

postmenopausal menorrhagia in ovarian estrogen-secreting granulosa cell & theca cell tumors, relation to benign endometrial mitosis 12399

postmenopausal metrorrhagia (Sp) 15517

postmenopausal metrorrhagia of nontumoral origin, role of vasc. factor (Fr) 51142

postmenopausal uterine bleeding, etiol. & diag. 38584

ther. (Fr) 8333

ther., chlorotrianisene-androgen hormone prep. 5276

ther., equine-estrogen-lututrin prep. 10250

ther., estradiol 17-cyclopentylpropionate & estradiol 17β-n-valerate (Sp) 53359

ther., ethinyl estradiol-methyltestosterone-reserpine prep. (Sp) 20620

ther., hormones, indic. (Fr) 51470

ther., testosterone propionate (Rus) 46817

*physiology*

androgen-estrogen balance (Fr) 36062

eff. of methallenestril on postmenopausal endometrium & vaginal epithelium 26146

endocrine aspects of menopause 2996

estrogen activity, determ. by vaginal smears 16304

postclimacteric endometrial hyperplasia (It) 55090

postmenopausal excretion of estrogen & gonadotropin, eff. of follicle stimulating hormone 16561

postmenopausal metab. of estrogens, eff. of progesterone (Fr) 15094

response of urinary gonadotropins to 17α-hydroxyprogesterone acetate (It) 53686

transform. of testosterone into estrogens in postmenopausal female (Fr) 36063

uterine motility during & after menopause 35274

*psychology*

depression, ther., aminophyllinesphedrine-phenobarbital prep. (It) 8621

emotional disord., psychophysiol. factors 11077

neurosis, ther., estrogens (Rus) 46818

psychosomatic factors (Ger) 52246

*urine in*

androgen excretion (Ger) 11110

**CLIMATE**

*see also* COLD

*see also* HEAT

*see also* HUMIDITY

*see also* THALASSOTHERAPY

*see also* WEATHER

acclimatization, problems (Rus) 33455

acclimatization status of temperate-zone man 19702

bioclimatol., problems (Ger) 36475

climatol. research, principles 21659

controlled-climate conditions for biologists, feasibility of constructing a biotron 9550

of Aosta Valley, med. aspects (It) 6095

physiol. characteristics of humans in relation to climatic preference 16828

polar regions, nutritional requirements & rations for polar travel 8275

relation of sale of cough medicines to climatic variations in smog-less area of New So. Wales 6469

Royal Society Internat. Geophysical Year Expedition to Antarctica 18053

selection of disinfectants for freezing climate (Rus) 45862

*effects*

arctic climate causing anemia in expedition members, etiol. hypothesis 19817

bioclimatic factors in pathogen. of dis. (Ger) 34035

bioclimatic factors, influence on menstruation in adolescent girls (Cz) 21559

city climate, causing acute & chronic dis. (Fr) 45539

climatic factors in epidemiol. of swamp fever in Poland (Pol) 31518

climatic factors in etiol. of resp. allergic dis. 4355

desert climate, eff. on pilots & other flight personnel (Fr) 29229

on balneother. & med. ther. of bronchitis (Ger) 36477

on combined protein & sodium chloride defic. in Moroccan inf. after weaning (Fr) 31082

on composition of bact. flora in mouth, throat & nasal cavity (Ger) 46227

on hemoglobin in preschool child. in Polar Region (Rus) 7933

on morbidity in Royal Navy 26047

on nutritional requirements, methods & indexes for assessment of climate 8274

on resp. allergic reaction to house dust in So. Africa, variations in climatic cond. 9825

on resp. tract (Ger) 36476

on snail reprod. in prev. of schistosomiasis in No. Africa (Fr) 2441

on urinary excretion of 17-ketosteroids (It) 3586

sea shore climate on asthma (Ger) 21958

tropical climate on Europeans, metab. eff. & nutritional aspects (Fr) 1049

tropical, on heart dis. (Ger) 6720

tropical, on incidence of tetanus as seq. to indust. accid. 16339

tropical weather on output of volume, work & power by right & left cardiac ventricles of man at rest in bed 46870

*therapeutic use*

climatother. clinics in resp. dis. in child. organiz. & technics (Fr) 32872

climatother. in child., indic. (Ger) 11055

climatother. of asthma & hay fever, value of Florida climate 20105

climatother. of child. in seaside & mountain children's colonies, in Italy, econ. & health aspects (It) 26623

26624

climatother. of eczema (Ger) 29449

climatother. of eczema in moutain resort of medium altitude in winter (Ger) 49024

climatother. of ocular tuberc., importance of hygienic-dietetic regimen in mountains (Ger) 33369

climatother. of pediatric dis. (Ger) 18907

climatother. of puberty disord. (Fr) 15171

climatother. of pulm. tuberc., bioclimatic aspects (Ger) 34346

climatother. of rheum. dis., in Romania (Rum) 31132

climatother. of Saint-Gervais, France, in skin dis., indic. (Fr) 28490

dis. caused by civilization & soc. cond., review (Ger) 42916

in France, statist. (Fr) 50789

stomach dis., with atropine - phenobarbital - procaine prep. (Ger) 51872

**CLINICS**

African Women's Clinic at Msasa Hosp., So. Rhodesia 14785

dispensatory care in rural areas in E. Germany, develop. (Ger) 11125

gyn. & obst. clinic of Army Medico-Social Aid organiz. in Brazil, activities (Por) 36898

modern heart clinic in mountain region of No. Carolina 52815

obst. clin. in Germany (Ger) 15398

of Hôpital Foch in Paris (Ger) 3279

otorhinolaryngol. polyclinic of Botafogo, Brazil (Por) 53670

polyclinics in Czech., central registry (Cz) 2799

polyclinic of Friedrich-Schiller University at Jena (Ger) 11122

polyclinic serv. in lower income group communities of So. Africa 32498

polyclinics, wards (Dut) 7286

premature inf. clinic of Bologna (It) 29710

teen-age clinics 4490

**CLITORIS**

*abnormalities*

double clitoris, case report 881

enlargement in gonadal dysgenesis in chromosomal males 207

**CLOACA**

persistent cloaca with non-adrenal female pseudohermaphroditism, case reports 7869

**CLONORCHIASIS**

*case reports*

bile ducts 12296

clin. manifest. & diag. 1150

*experimental*

host-parasite relations in rabbit & relative susceptibility of several laboratory hosts 5591

**CLOSTRIDIUM**

*see also* GAS GANGRENE

caproicum & valerianicum, analysis of strains (Fr) 13043

chauvoei & septicum, toxins 28223

novyi anatoxin inject. in various animals, immun. & serum titers after first inject. & after booster inject. (Fr) 21311

oedematiens, anatoxin prep. (Rus) 11483

septicum, leukotoxic, hemolytic & lecithinase activity of toxins (Rus) 11487

*culture*

identification of various species by new culture medium 5642

stability of Clostridium saccharo-acetobutylicum held in continuous culture 47627

*effect of drugs on*

antibiotics on various Clostridium species in vitro for prev. of gas gangrene 41413

humic acid on Clostridium pasteurianum (Rus) 33157

screening of potential anti-tumor agents on anaerobic Clostridium species 26475

*metabolism*

creatinine desimidase from Clostridium paraputrificum, mechanism of action of crude & purified extracts 13806

dihydrouracil hydrase from Clostridium uracilicum, purification & properties 28277

enzymic synthesis of α-L-β-methylaspartic acid in Clostridium tetanomorphum 47713

green & violet fluorescent cpds. prod. in Clostridium acetobutylicum cultures, parallelism with vitamin B2 synthesis 10160

5'-nucleotidase from Clostridium sticklandii extracts, activation by ferrous ion 40554

pectin fermentation by Clostridium flavum & Clostridium laniganii 50326

proteases in toxin prod. of Clostridium oedematiens (Rus) 1731

vitamin B2 synthesis by Clostridium acetobutylicum, eff. of 8-ribityl-6, 7-dimethyllumazine 10164

**CLOSTRIDIUM BOTULINUM**

*see also* BOTULISM

A anatoxin, eff. on blood proteins in animals (Rus) 55843

germination of spores, determinants 28225

growth inhib. in aged, surface ripened cheese 47629

toxin, combined eff. with isofluorophate on rat diaphragm prep. 23990

toxin, protection in intranasal admin. in animals (Rus) 11482

type A toxin causing block of ciliary ganglion in rabbits 31440

type A toxins, electrophoresis of protein fractions (Rus) 10932

**CLOSTRIDIUM PERFRINGENS**

anatoxin adsorbed on aluminum hydroxide, interval between 1st & 2nd vacc. (Rus) 55838

anatoxin, technic of prep. (Rus) 11483

fecal & telluric, action of mineral salts in differentiation (Fr) 47389

fecal & telluric, differentiation (Fr) 47388

β-toxin toxoiding with β-propiolactone for vaccine prep. 19688

*culture*

L forms, relationship of colony morphol. & reversibility 4708

*effect of drugs on*

eff. of continuous admin. of diets containing tetracyclines & penicillin on number of drug-resistant & drug-sensitive Clostridium perfringes in feces of pigs & chickens 51020

*immunology*

soluble antigens of types B, C & D 4161

*infections*

causing liver abscess 1174

puerperal bacteremia with septic shock & hemorrh., case report 52603

septic toxemia with acute renal failure in criminal abortion, ther., exchange transfusion (Sp) 30238

septicemia complicating partial gastrectomy, case report 53231

septicemia following criminal abortion, with Waterhouse-Friderichsen synd., medico-legal aspects (Fr) 47431

type A infect. enterotoxemia of sheep 4619

*metabolism*

phospholipase C, molecular weight of gamma-ray inactivated prep. (Pol) 29505

***CLOSTRIDIUM PERFRINGENS A TOXIN** see* ESTERASES

**CLOSTRIDIUM TETANI**

*see also* TETANUS

contamination of atmosphere in operating rooms 26110

sporulation (It) 52779

toxin, pathway to CNS 46443

*culture*

chemically defined medium 1301

symbiosis with Chromobact. prodigiosum & Pseudomonas pyocyanea inoculated with metagenetic plate (Ger) 25242

*effect of drugs on*

antibiotics on germinating spores in vitro & in vivo 23978

***CLOSTRIDIUM WELCHII** see* CLOSTRIDIUM PERFRINGENS

**CLOTHING**

*see also* SHOES

armadillo-type clothing for gonadal protection during x-irradiation 10410

biometry of flight personnel of Belgian Air Force & its use in design of flight equipment (Fr) 46565

disinfection against Coxiella burnetii (Rus) 34635

eff. of dry & wet clothing on body cooling at low air temperatures 11553

eff. of reflectance & separation of fabric & treatment with fire-retardant material on large area sub-fabric burns in pigs 23345

eff. on burn pattern & severity in miners in colliery fire-damp ignitions 26040

nurse's uniform fabrics 615

of premature inf., importance in thermoregulation (Fr) 42727

perlon clothing causing skin dis., prev. aspects of laundering (Ger) 22993

possible health hazards assoc. with laundering of radioactively contaminated protective clothing 27813

protection by hot-wet uniform in contact with skin in nuclear weapon pulses of thermal radiation 23308

radium contamination & decontamination (Rus) 29613

relation to thermal comfort (Sp) 53366

stockings of nonrubberised nylon for elastic support of legs in peripheral vasc. dis. 47787

uniform types in Swedish army med. corps, hist. (Sw) 32980

**CLOVE**

*see also* EUGENOL

as aromatic component of toothpaste, hist. of pharmacol. (Ger) 19021

**CLUBFOOT**

talipes cavus, etiol. & surg. (Dut) 49770

*complications*

talipes equinovarus with hypercholesteremic xanthoma tuberosum (Ger) 55480

*surgery*

osteotomy of calcaneum 50394

sources of errors & failures in child. (Ger) 34279

spastic talipes equinus in cerebral palsy, indic. & results (Sp) 25947

*therapy*

adhesive fixation (Sw) 10193

conservative ther. in inf. 40341

new-type assembly of pedals for progressive correction of talipes varus in inf., anat., physiol. & mechanical bases (Fr) 35281

redressement & fixation in plaster of Paris & various surg. procedures, early treatment (Nor) 54960

Scheel's method, preference of conservative ther. (Ger) 34278

**COAL TAR**

dibenzopyrene isolation from coal tar 19662

*effects*

carcinogenesis on rabbit ear after sensitization & desensitization & cervical sympathectomy (Rus) 20197

*therapeutic use*

anogenital pruritus, with fludrocortisone & 5,7-dichloro-8-hydroxy-quinoline 12580

**COARCTATION OF AORTA**

diag. & surg. (Sp) 39121

*case reports*

with congen. cerebral aneurysm, in 14-year-old child, clin. pathol. conf. 47776

with Eisenmenger complex & patent ductus arteriosus in adolescent girl (Hun) 43445

with patent ductus arteriosus & multiple intracardiac defects 12265

*complications*

aneurysmal dilat. of aortic sinuses, review & case reports 13167

bact. endocarditis, case report 31797

hypoplasia with coarctation of descending thoracic aorta, with abnorm. of superior vena cava & left azygos (Fr) 1469

neurol. 7399

patent ductus arteriosus, surg. (Rus) 10749

patent ductus arteriosus, surg., case report (Fr) 41921

poststenotic aneurysm with recur. paralysis & atelectasis of left lung (Ger) 382

*diagnosis*

caortid pulse, piezography (Fr) 1463

mechanography of intercostal arterial pulse (Hun) 52886

*differential diagnosis*

46056

massive right rectus muscle hematoma 30184

*experimental*

collateral circ. pathways in dogs (Sp) 8215

eff. on blood pressure of sheep 48739

post-stenosis dilat. of distal vasc. segment caused by acute tonus loss, application to human surg. (Ger) 22211

*in infant and child*

in newborn with thrombosis of ductus arteriosus (Ger) 55539

postductal coarctation in inf. with aortic arch aneurysms & other aortic arch abnorm. 22171

*in pregnancy*

incidence, hazards & management 30919

*manifestations*

murmurs, origin & interpretation 12214

*pathology*

configuration of elastic tissue of aortic media 35617

surg. pathol. 5860

*physiology*

carotid artery pulse curves in (Ger) 13051

preop. & postop. ECG (Ger) 39903

renal hemodynamics 50709

*surgery*

(Bul) 41568

anastomosis of subclavian artery to artery after excis. of coarctation (It) 42493

indic. in isthmic stenosis (It) 42498

postop. synd. of necrotizing arteritis of small intestine 23515

preop. & postop. aortographic studies 35471

results (Ger) 29015

with relief of hypertension in 57-year-old man 28148

**COBALT**

*deficiency*

cobalt concentrations in livers from normal & cobalt-deficient lambs 19552

*determination*

in drugs, by coulometry (Fr) 28806

in foods, influence of cooking on content 16326

*effects*

activation of fatty acid synthesis in Saccharomyces cerevisiae homogenates 21710

cobalt chloride, on alpha cells of pancreas & on blood proteins, lipoproteins & cholesterol in rabbits (It) 25645

cobalt chloride on guinea pigs after subcutaneous inject. (Fr) 3105

cobalt chloride on rat liver, histopathol. & form. of anti-liver auto-antibodies (It) 37380

cobalt gluconate & cobalt glutamate on exper. cyanide pois. in dogs (Fr) 3103

cobalt gisconate on exper. hydrocyanic acid pois. in dogs (Fr) 31040

cobaltous chloride admin. causing polycythemia in humans 31447

cobaltous chloride causing fatty degen. of liver in rabbits (It) 36746

cobaltous chloride-induced hypercholesterolemia, eff. of heparin & serotonin (It) 1985

cobaltous chloride on action potential of single myelinated nerve fiber, determ. by new extracellular recording method 50067

cobaltous chloride on guinea pig pancreas, electron microscopic study 3354

dicarbohydrazine-dihydrazine-cobalt, eff. on cardiovasc. system & autonomic ganglia (Rus) 39337

induction of polycythemia, manifest. & hematol. in rats & mice 40776

induction of resp. defic. in yeast 7203

on heart in normal humans & in patients with peripheral vasc. dis., ECG study (It) 36744

on iron-containing proteins in various tissues of Walker carcinosarcoma 256 rats 28525

on radioiron uptake by erythrocytes in rats 5255

on various bact. in combination with different antibiotics 13430

stimulation of erythropoietin prod. in rats, mechanism 31426

*in blood*

determ. by spectrography, polarography & colorimetry (Fr) 24777

*injurious effects*

goiter (Ger) 42366

occup. dis., review (It) 36766

toxic action of cobalt chloride on thyroid funct. (It) 6831

*metabolism*

distribution in organs of mice, influence of sulfhydryl groups & their inhibitors 13220

requirements for vitamin C synthesis by liver extracts of [illegible] E-defic. rats 28333

vitamin B12 synthesis by bact. isolated from slime deposits in cobalt-rich areas (Rus) 19119

*radioactive*

cobalt beam ther. of bursitis, statist. 29786

cobalt 60 kilocurie revolving ther. unit, radiation characteristics 12691

cobalt 60 on fertility of male mouse, comparison with 14 Mev neutrons & fission neutrons 8535

cobalt 60 rotation ther. of tumors, dose determ. by integrated transit measurements 35451

cobalt 60 rotatory ther., using Theratron junior, method (Ger) 32660

cobalt 60 telether. 35848

35849

cobalt 60 telether. of cancer of cervix (Sp) 27222

cobalt 60 telether. of cancer of esophagus (Sp) 39131

cobalt 60 telether. of cancer of larynx & cervical lymph nodes (Sp) 39106

cobalt 60 telether. technics (Ger) 30985

cobalt 60 ther. of cancer (Sp) 18847

27210

cobalt 60 ther. unit 20932

35847

construction of isodose charts from minimum exper. data, technic 35850

deep ther., localization & dosimetry problems (Ger) 31619

description of facility for radiobiol. research 8776

eff. of single lethal dose of cobalt 60 on calves, physiol. & pathol. eff. 8530

eff. on blood catalase (Cz) 2734

eff. on elastic tissue, immediate eff. 41794

eff. on exper. catatonia induced by chlorpromazine in guinea pigs (Fr) 47442

eff. on Neurospora conidia, two-process survival curves 8523

eff. on survival of HeLa cells, variation with depth in tissue-equivalent phantom 31645

fixed field & rotation telether., calculation data 35851

gamma ray eff. on aqueous nitrite solutions, measurement of hydrogen peroxide yield 31604

gamma ray eff. on aqueous solutions, measurement of radical yields 31602

gamma ray eff. on broad bean root, relative biol. effectiveness 31607

gamma ray eff. on duodenum of mice, histol. comparison with damage from fission neutrons 31609

gamma ray eff. on human amnion cells in vitro 34407

gamma ray induction of chromosomal aberrations in Tradescantia plants, effectiveness as compared with other radiations 31606

hectocurie telether., advantages & limitations 35852

indirect dos. in intrauterine application (Ger) 10021

inducing leukopenia, eff. of 5-hydroxymethyl-4-methyl-uracil & thesane in animals (Rus) 7787

lethal dose determ. for whole-body irradiation in dogs 20927

lyophilized cobalt 60-irradiated sterilized aortic homografts in dog, histol. changes 2432

problems in gamma irradiation of skin (Fr) 13120

rotation ther. in recur. cancer of rectum 17489

rotation ther. of cancer, appar. & technic (It) 13118

spectral distribution of scattered radiation from a kilocurie cobalt 60 unit 2134

sterilization of ganglionic metastases in cervix cancer (Sp) 27239

telether., determ. of absorbed dose (R) 13127

telether., determ. of field dimensions (R) 13128

telether., dosimetric problems & isodose curves for shortest focal distances (R) 13129

telether., eff. on blood lipoproteins in patients with malignant neoplasms (R) 29603

telether., method of centering (R) 13126

telether. of cancer (R) 13117 13119 13122 13125

telether. of cancer, early & remote results (Fr) 13131

telether. of cancer, eff. on blood count (R) 27753

telether. of cancer, eff. on hemoglobin, erythrocyte count & leukocyte count of peripheral blood (It) 13130

telether. of cancer of abdom., problems & results (It) 8365

telether. of cancer of bladder (Sp) 39092

telether. of cancer of female genitalia (It) 13121 13123

telether. of cancer of lungs, statist. 8557

telether. of cancer of lymphoid tissue & reticuloendothelial system (It) 13124

telether. of cancer of pancreas as palliative measure 20812

telether. of endometrial cancer, anat. & histol. changes in uterine body (R) 55093

telether. of female genital & breast tumors (Fr) 27751

telether. of gyn. & otorhinolaryngol. neoplasms, methods & results (Fr) 13132

telether. of malignant neoplasms, eff. on blood proteins (It) 31663

telether. of primary cancer of bronchus (Sp) 49149

telether. of uterine cancer (R) 13133

ther. of cancer (Bul) 16425

ther. of cancer, advantages & indic. (Sp) 15525

ther. of cancer, common & contrasting properties of supervoltage x-ray ther. & cobalt bomb 21860

ther. of cancer of cervix 2935

ther. of cancer of cervix, dos. distribution in true pelvis (Ger) 32648

ther. of cancer of cervix, results in gyn. clinic of University of Helsinki (Ger) 36033

ther. of cancer of esophagus, beam technic, statist. 8556

ther. of cancer of pelvis 30935

ther. of glioma (Fr) 19768

***therapeutic use***

anemia, cobalt-nicotinic acid prep. (Rus) 45163

anemia, eff. on blood iron & hemopoiesis (Ger) 1789

anemia in premature inf. (Ger) 30059

anemia, iron-cobalt combination (Por) 39469

anemia with infect. in child. (Pol) 30394

cobaltous chloride in anemia (Pol) 43672

hypochromic anemia in femal genital cancer, iron-cobalt prep. in prev. & ther. (It) 6357

isoniazid-cobalt prep. in pulm. tuberc., eff. on clin. & blood protein picture (It) 39515

**COCA**

Erythroxylum coca, isolation of nicotine from roots & stems (Dut) 30317

***injurious effects***

dermatitis in workers handling coca in So. Amer. (Sp) 18860

**COCAINE**

cocaine diethylamide, pharmacol. & comparison with cocaine in various animals 1445

***anesthesia and analgesia***

corneal, eff. of hyaluronidase (Ger) 28929

in bronchoscopy, comparison of transtracheal & spray & instillation technics 18489

***effects***

on sciatic nerve of toad, influence of high hydrostatic pressure 50577

potentiation of acetylcholine 44980

potentiation of pressor responses to epinephrine & sympathomimetic aldehydes 13434

supersensitivity of physiol. reactions to cocaine, mechanism 51076

***injurious effects***

labyrinthine lesions after intraaural infusion (Rus) 45739

***toxicity***

toxic synergism with arterenol in guinea pigs, protective eff. of tolazoline (Fr) 26902

**COCARBOXYLASE**

eff. of pyrithiamine & oxythiamine in mice 40183

liver, in pregn. (It) 37351

ovaries, eff. of estradiol & gonadotropins (It) 37345

***determination***

in pure solution, blood & animal tissues, manometry 40180

***effects***

on blood pyruvic acid in pregn. toxemias & hyperemesis (Ger) 24851

on changes in oxygen consumption of brain tissue induced by thiopental in vitro (It) 1883

on exper. emetine pois. in rabbits (It) 25755

on intermediate lipid metab. in exper. fatty liver in rats (Ger) 30550

***therapeutic use***

CNS dis., eff. on ketoacidosis of CSF (It) 3720

premedication of child. with polio. seq. prior to surg. (Fr) 12988

pyruvemia in premature inf. (Sp) 8838

**COCCIDIOIDES**

periplanetae, reidentification 7119

**COCCIDIOIDOMYCOSIS**

disseminated in dog 16771

***case reports***

disseminated 7500

lungs, with pulm. lymphosarcoma & alveolar-capillary block 927

lungs, x-ray aspects (Fr) 41370

peritoneal, ther. 34972

***epidemiology***

in Middle East, skin-test survey 24706

***immunology***

coccidioidin skin reactions in high school students in Georgia 15544

coccidioidin skin sensitivity in Liberian aborigenes 47265

immediate type of coccidioidin skin reaction in pulm. coccidioidomycosis 35913

***pathology***

coccidioidal pulm. cavitation, differ. diag. & management 35715

***statistics***

morphol. & racial distribution, 10-year autopsy series in endemic area 40288

***therapy***

amphotericin B in disseminated coccidioidomycosis 22476

**COCCIDIOSIS**

***case reports***

intestines, caused by Isospora belli (Fr) 14435

***experimental***

eff. of chloroquine phosphate in rabbits (Ger) 34473

liver, eff. on nutritional hepatic fibrosis in rabbits 15053

***COCCYGEAL REGION*** *see* **SACROCOCCYGEAL REGION**

**COCCYX**

***abnormalities***

dysmorphism, acquired & congen., classif., pathogen. & compl. (It) 36792

***diseases***

coccygodynia, case reports 50899

***fractures***

isolated fract. (It) 25626

**COCHLEA**

***see also*** **LABYRINTH**

***anatomy and histology***

aqueduct & supplementary canals (Rus) 10757

laminae spirales in basal coil, location & position (Ger) 33920

***diseases***

allergic (Fr) 9068

***effect of drugs on***

dihydrostreptomycin, tox. eff. among No. Africans (Fr) 47480

neomycin glucuronate, inj. eff. (It) 52118

***pathology***

cochleo-vestibular disord. in hypertelorism (Ger) 11261

postmortem changes in cochlear receptors in guinea pig 11723

***physiology***

aural harmonics, hydrodynamic origin 13285

biochem. aspect of stimulation of autonomic nerv. system of guinea pig cochlea 35304

changes in magnitude of response to prolonged stimulation by continuous 1000 cycle tone, in cats 36266

cochleovestibular sympt. of cervical synd. (Ger) 36442

cupulometric exam., value in air navigating personnel (It) 19200

eff. of hypothermia on cochlear microphonics & neural components in guinea pig 23281

eff. of oxygen deprivation in guinea pigs 34937

eff. of sounds on succinic dehydrogenase in guinea pigs (Ger) 36440

eff. of stapedectomy & autotranspl. of ossicles on funct. 271

electric potential (Rus) 49522

electric potential change during urethane anesth. in guinea pig (Fr) 3074

electric potentials, modification by polarization of Corti's organ in guinea pigs (Fr) 3075

mechano-electrical theory of excitation 13287

summating potential in response to acoustic stimulation 12527

***COCHLEAR NUCLEI*** *see* **NERVES, COCHLEAR**

**COCONUT**

gibberellin-like substances in coconut 19648

***therapeutic use***

coconut oil with sucrose in infantile dystrophy (It) 29126

***COD LIVER OIL*** *see* **FISH LIVER OILS**

**CODEINE**

***addiction***

increase in Germany (Ger) 27132

***administration***

codeine-resin complex, long-acting analgesic for oral admin. 30141

***anesthesia and analgesia***

prolongation & potentiation of analgesic activity by various cpds. in rats 31280

***effects***

on expiratory tracheal closure reaction in dogs (Ger) 39920

***metabolism***

liberation of morphine from codeine & urinary excretion 33999

***related compounds***

dihydrocodeine adjuvant in general anesth. 12963 37536

dihydrocodeine, analgesic & resp. eff., comparison with morphine 13486

***therapeutic use***

chronic non-specific diarrhea, comparison with tricyclamol 48265

codeine phosphate, comparison with dextro propoxyphene 53060

***toxicity***

in rats at high altitude 46372

**COELENTERATES**

hydra, eff. of ophthalmic acid, norophthalmic acid & glutathione on feeding reaction 19527

jellyfish, toxicol. (Sp) 51661

**COENZYMES**

***see also*** **ADENYLPYROPHOSPHATE**

***see also*** **COCARBOXYLASE**

***see also*** **GLUTATHIONE**

***see also*** **NUCLEOSIDES AND NUCLEOTIDES**

A, acetyl, study on tautomerization in presence of condensing enzyme & deuterium oxide 4776

A, acyl, complex form. with butyryl dehydrogenase causing color change of enzyme 16905

A, acyl, isolation & properties of stable complexes with acyl dehydrogenases 16904

A, eff. of prolactin on metab. in lactating guinea pig mammary tissue 1371

A, eff. of 3, 3', 5-triiodothyroacetic acid on levels in thyroidectomized rats (Fr) 48861

A in adrenal of rat, histochem. distribution in various funct. states 39213

A, in liver & musc. in normal rabbits & in rabbits with exper. progr. musc. atrophy (It) 37388

A in liver, eff. of ACTH, epinephrine & insulin in rats (It) 13961

A in liver, myocardium & musc., eff. of thiopental sodium anesth. in dogs (R) 13959

A, its properties & biol. funct. (Ger) 39223

A, ovarian, eff. of estradiol & gonadotropins (It) 37345

A, palmityl, synthesis & properties 1672

A, requirement in mitochondrial oxidative phosphorylation 4782

A, succinyl, in biosynthesis of 5-aminolevulinic acid by particles from chick erythrocytes as initial stage in biosynthesis of porphyrins 13702

I, activity of Coxiella burnetti 5188

I & glutamic dehydrogenase system, oxidation-reduction capacity (Fr) 48933

I, complexes with glyceraldehyde-3-phosphate dehydrogenase & with lactic dehydrogenase, determ. of fluorescence changes 40505

I-dependent enzymatic systems, antag. by 6-aminonicotinamide 38081

I, eff. of choline & protein defic. on breakdown & synthesis in rat liver 16300

I, eff. of temperature on oxidation-reduction potential 40567

I, eff. of x-rays on metab. in Yoshida ascites sarcoma cells (Ger) 9986



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

I, form. of complex with lactate & lactic dehydrogenase of mammalian erythrocytes 14612

I, inactivation by ultraviolet irradiation, attempted photorestoration (Fr) 26295

I, induced in vivo synthesis, significance 7334

I, liberation of energy in combination with phosphoglyceraldehyde dehydrogenase (Fr) 26780

I, nicotinamide-induced synthesis in rat liver, relation to levels of nucleotide phosphorus (Fr) 26336

I, reduced, eff. of vitamin K on oxidation, pathways of electron transport 21680

I, reduced, fluorescence spectra of ternary complexes with dehydrogenases 1692

I, reduced, myocardial lipid components of enzyme system catalyzing oxidation of reduced coenzyme I & succinate 40523

I, reduced, reversible oxidation by thioctic acid with α-ketoglutaric dehydrogenase as catalyst, reaction mechanisms 40565

I, synthesis in rat liver & eff. on levels of adenosine phosphates (It) 1939

I, synthesis in rat liver & eff. on level of phosphorus cpds. (It) 1930

I, synthesis in rat liver & incorporation of radiophosphorus into various fractions (It) 1940

I & II, transhydrogenation by α-hydroxysteroid dehydrogenase with 3α-hydroxysteroids as coenzymes 16909

II, reduction by illuminated chloroplasts, action spectrum 21678

II, role with uridine phosphates in glycogen synthesis in rat diaphragm 37125

electron acceptors in enzyme system in anoxic energy forming processes in cellular fluids (Ger) 34241

estrogens as cofactors of placental diphosphopyridine nucleotide isocitric dehydrogenase-pyridine nucleotide transhydrogenase system, structural specificity 4747

flavin-adenine dinucleotide synthesis in animal tissues 13787

phosphocreatine content of myocardium, eff. of thyroxin & triiodothyronine in thyroidectomized rats (It) 37516

phosphocreatine, eff. of glutamate & potassium on phosphorus incorporation in brain slices 24036

phosphocreatine form. from 1,3-diphosphoglyceric acid by enzyme system from rat skeletal musc. 37068

phosphocreatine in brain & musc. in exper. pois. with solvents (Rus) 22651

phosphocreatine level of cerebral cortex, relation to cortical polarity, exper. in rats 52342

phosphocreatine resynthesis in brain after electric stimulation of brain of rats in shock 24037

phosphocreatine synthesis from glycocyamine & phosphoglycocyamine in liver & musc. homogenates (It) 37359

pyridoxal phosphate levels in Bacillus sphaericus during growth & sporulation, relation to 2,6-diaminopimelic acid metab. 13704

pyridoxal phosphate-requiring lact. enzyme systems, eff. of 4-amino-5-hydroxy-methyl-2-methyl-pyrimidine phosphate resp., structure & funct. (Fr) 37072

sodium riboflavin-5-phosphate, chem. & phys. properties (It) 48838

triglyceride cofactor of cytochrome c reductase, isolation from bovine myocardium 13918

vitamin E as cofactor of mammalian diphosphopyridine nucleotide cytochrome c reductase 4745

zinc as specific coenzyme of aldolase metab. in Aspergillus niger (Fr) 4746

***determination***

I, column chromatography on anion-exchange resin (Rus) 15067

I & II, oxidized & reduced, content of mammary glands from lactating animals 37144

II, oxidized & reduced, in presence of oxidized & reduced coenzyme I by enzymic & optical methods (Ger) 37095

phosphocreatine separation from orthophosphate in tissue extracts by two-dimensional paper chromatography (Ger) 49919

***effects***

A, on biochem. & histol. cellular changes induced in rat liver by p-dimethylaminoazobenzene (Fr) 47929

I, eff. on musc. action potentials in normal subjects (It) 54881

I, on conversion of 3-hydroxanthranilic acid to quinolinic acid in rat liver homogenate carrying Oberling's myeloma in leukemic phase 37383

I, on emetine pois. in rabbits (It) 15016

I, on influenza virus growth in embryonated eggs (It) 23755

I, on inhib. of rat liver 3-hydroxyanthranilic acid oxidase by N-2-fluorenylacetamide & N-2-fluorenyldiacetamide 37303

flavin-adenine dinucleotide on EEG 52331

***in blood***

I, microbiol. determ. with Hemophilus influenzae in sera of patients with diabetes mellitus, duodenal ulcer & leukemia 7211

I & II, activity in erythrocytes of primaquine-sensitive humans 15034

*COFERMENTS* ***see*** COENZYMES 31400

**COFFEE**

***see also*** CAFFEINE

contact & resp. allergy to coffee bean & dust in coffee plant workers (Ger) 12189

method for determ. of vaseline oil in toasted coffee (It) 31716

micromethod for determ. of residue of extraction solvent in caffeine-free coffee (Ger) 28775

***effects***

caffeine-free & caffeine-containing coffee on cardiovasc. dynamics in man, new findings (Ger) 48794

urinary indole & phenol acids after ingestion of coffee, paper chromatography 19519

**COITUS**

***see also*** EJACULATION

***see also*** FRIGIDITY

***see also*** IMPOTENCE

diversion of semen into bladder during coitus causing sterility (Dut) 7276

dyspareunia, caused by cervicitis, prev. & ther. (Dan) 22392

dyspareunia with pelvic neuralgia, case report (Fr) 26269

eff. of abdominoperitoneal resection for ulcerative colitis on postop. sexual funct. 19876

1st marital experience, value of premarital instruction (Fr) 20820

husbands' & wives' perception of similarity in their preferred frequency of coitus, relation to marital satisfaction 16503

oxytocin & oxytocic substance before & after copulation in sheep 49276

reflexes & their disord. in men in relation to erection & coitus (Fr) 31096

unsuccessful, management 22740

**COLCHICINE**

***effects***

induction of tetraploidy & other types of heteroploidy in mouse 5073

induction of triploidy in mouse by treatment of gametes 5072

on blood unesterfied fatty acids in rats 49360

on cell multiplication in degenerating spinal tracts in rabbits 16055

on develop. of spindle & chromosome movements in endosperm 38483

on free amino acids in regenerating rat liver (It) 13509

on growth & differentiation of Pseudomonas aeruginosa 11752

on polio. virus enzymatic activity & multiplication in tissue culture 3477

on utilization of labelled thymidine during chromosomal reprod. 7221

***related compounds***

desacetyl-N-methylcolchicine, eff. on exper. inflamm. (Cz) 38345

desacetyl-N-methylcolchicine ther. of leukemia & other forms of cancer (Ser) 41926

desacetylmethylcolchicine, ther. of leukemias (It) 37751

N-desacetyl thiocolchicine ther. of cancer of lungs, with x-ray ther. (Fr) 55098

thiocolchicine ther. of cancer causing pain, (2,2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine ther. (Fr) 54906

thiocolchicoside, muscle-relaxant properties (It) 27664

thiocolchicoside ther. of frozen shoulder (Por) 42192

thiocolchicoside, ther. of neurol. dis. with contracture, oral admin. (Fr) 2492

thiocolchicoside, ther. of refractory dysmenorrhea (Fr) 15166

***therapeutic use***

acute & chronic gouty arthritis, with probenecid 15968

gout, intravenous inject. in acute stage (Sp) 3317

**COLD**

***see also*** HYPOTHERMIA

***see also*** REFRIGERATION

acclimation in man, physiol. factors 49454

acclimatization, eff. on blood electrolytes 4666

adaptation, biochem. mechanisms 49458

adaptation during chronic exposure to cold in mammals, metab. changes, review 49453

adaptation, endocrine mechanisms 49457

adaptation in non-hibernating animals, thresholds (Cz) 48619

adaptation of Australian aborigines 4661

adaptation of Bushmen in Kalahari Desert 4662

adaptation of warm-blooded animals to cold environment, metab. aspects 49452

49458

adaptation of young non-hibernating mammals (Cz) 48618

air microbiol. in cold temperatures, comparison of determ. technics (Rus) 51038

body temperature in naval personnel in Arctic cond. (Rus) 22621

eff. of cooling on peristaltic reflex of isolated guinea-pig ileum 14125

eff. of dry & wet clothing on body cooling at low air temperatures 11553

eff. of non-uniform initial temperature distribution on cooling, mathematical equations 23291

erythrocyte storage at temperatures between +10°C & -20°C, post-transfusion survival 2065

freeze-drying of drug prep. (Dut) 20318

freezing & lyophilization in biol. & med. (Pol) 53173

heat exchanges of men in cold, eff. of humidity, temperature & windspeed 23301

liver & musc. tissue preserv. from rats adapted to cold (Cz) 38204

med. supervision in winter maneuvers of Norwegian army (Nor) 22237

North Pole, microbial population of ocean (Rus) 33161

preserv. of grafts (Cz) 48616

survival of unfertilized mouse eggs during freezing & thawing 30792

use in prep. of tissues for electron microscopy 33638

***effects***

acute reflex responses to cold, modification by brief train. in cold climate 28983

biol. aspects (Cz) 48613

cold stress on adrenals in rat, relation to manipulation in infancy 50507

cooling to 19° & 20° C, ganglion-blocking eff. in dog, electrophysiol. (Fr) 38690

deep freezing on fertility & other characteristics of bull semen 40807

depletion of adrenal vitamin C in manipulated inf. rats responding to cold stress 44970

depression of acetate oxidation in liver of fasted rats 40569

eff. of central inhib. on reactivity (Cz) 48621

freeze-drying of bact., eff. on stability of biol. characteristics (Ger) 48256

freezing on Monilia albicans, influence of vitamin B complex on survival (Ger) 16384

induction of urinary corticoid excretion in guinea pigs, influence of morphine 12507

local cold application on flicker fusion frequency 15830

low environmental temperature on oxygen consumption of newborn pig 7230

metab. in tissue slices from mice exposed to cold, comparison with heat-exposed mice 12532

mortal. response of x-irradiated rats subjected to cold exposure, role of food consumption 12530

on antigenic power of tissues (Fr) 26816

on auxin action on wheat coleoptiles in presence of nitrogen 9553

on blood circ. in labile hypertension (Ger) 27192

on blood sugar turnover in anesthetized warm- & cold-acclimated rats 48458

on body temperature & oxygen consumption in rats following bilateral hypothalamus lesions (Ger) 24033

on bone marrow cells preserved in glycerin 50711

on brain glycogen in lizards (Cz) 48622

on Carassius carassius survival after x-ray ther. (Fr) 48899

on germicidal action of quaternary ammonium cpds. 12479

on growth of natural mixed inocula of yeasts in grape juice 47623

on growth of yeasts in grape juice 47622

on growth of yeasts in grape juice, control of growth in commercial operation 47621

on induction of glomerulonephritis with steptoc. toxin, in rabbits (It) 13968

on isolated & on intact rabbit hearts 16826

on isolated frog heart reactivity to acetylcholine (Cz) 38223

on metab. in rats, determ. in combination with low barometric pressure 732

on musc. activity in exper. on man (Ger) 30513

on musc. circ. (Ger) 30585

on nutritional requirements of farm animals 8279

on oxygen consumption & body fat of mice 53696

on phagocytosis (Rus) 55772

on potassium exchangeability in rat diaphragm in vitro 12013

on regulatory mechanism of body temperature, relation to oxygen consumption & thermal sensations 16465

on resp. & heart activity in rats (Fr) 26739

on response of arteries in vitro to constrictor drugs 5772

on response of hypophysectomized rats to thyrotropic hormone, influence of vitamin C admin. 14613

on skin & hair of mice, comparison with mice at higher temperature 53695

on smooth musc., relation to depolarization 5101

on sugar beets (Fr) 3031

on temperature of extremities in man, measurement of variations (Fr) 26675

on viability of ovarian tissue after freezing 40794

physiol. eff. of breathing cold atmospheric air 4694

physiol. eff. of cold climate on man 22281

physiol. responses to standardized cold stress as modified by phys. fitness 4663

previous exposure to cold on shock caused by exper. limb ischemia in rats 48462

prolonged exposure in combination with diet on liver composition in rats 727

shivering & non-shivering heat prod. during cold acclimation of rats 46560

subzero temperatures on bact. (It) 13925

sudden chilling on E. coli 17312

survival of adrenalectomized rats, influence of excis. of interscapular fat body (Fr) 38742

survival of intact insects immersed in liquid oxygen without any antifreeze agent 7166

survival of normal human tissues frozen almost to absolute zero 22321

teratogenic eff. of temporary cooling of chicken egg during incubation (Fr) 4976

vasomotor reactions to cold stimuli in rheum. arthritis (Rum) 31123

***injurious effects***

*see also* FROSTBITE

allergy, diag., leukopenic index & other methods (Cz) 14774

causing skin inj. (Ger) 39001

facial paralysis (Fr) 9197

internal aspects (Cz) 48615

***therapeutic use***

angioma of skin & mucosa in child. (Rus) 45637

musc. & periarticular pain, technic (Fr) 45390

surface cooling in fever, appar. & technics 54781

trophic ulcer of leg (Rus) 41514

***COLD, COMMON*** *see* COMMON COLD

**COLIC**

*see also* CRAMP

***etiology and pathogenesis***

acetazolamide causing renal colic 26130

***in infant and child***

manifest. & ther. 43705

umbilical, relation to nonsclerotic ileitis (Ger) 19311

***therapy***

ureteral colic caused by ureteral calculi, management 35929

**COLITIS**

endemic pseudomembranous enterocolitis in hosp. patients, incidence, prev. & ther. 537

idiopathic, diag. & ther. (Ger) 39069

Micrococcus aureus enterocolitis 7264

rectocolitis, ulcero-hemorrhagic aspecific, compl. & surg. (It) 44817

***case reports***

chronic enterocolitis in adult with congen. agenesis of spleen 4883

chronic pseudotumoral sigmoiditis of diverticular origin, case reports (It) 24943

enterocolitis, pseudomembranous 2147

micrococcal enterocolitis 45917

pericolitis complicating amebiasis, with ileosigmoid & vesicosigmoid fistulas (It) 23756

***complications***

in rectocolitis mucohemorrhagica (Sp) 44511

***diagnosis***

segmental granulomatous, x-ray diag. 50875

***differential diagnosis***

mucous from ulcerative colitis (Ger) 55379

***etiology and pathogenesis***

constitutional factors (Ger) 19466

enterocolitis, caused by angiokeratoma corporis diffusum (Dut) 43034

enterocolitis caused by intestinal trichomoniasis (Ger) 42904

ganglion-blocking agents 29305

pseudomembranous, caused by intestinal ischemia 157

***in infant and child***

(Ser) 29394

enterocolitis caused by micrococcal infect. (Fr) 15198

enterocolitis, colimycin ther. (It) 52033

***physiology***

eff. of rectal pressure stimulation on plethysmography (Rus) 32897

***prevention and control***

in Indian jails 50608

***surgery***

sigmoiditis, incidence (Sp) 53352

***therapy***

chlorquinaldol (Ger) 55575

fecal retention enema as adjuvant in pseudomembranous enterocolitis 22052

rectocolitis, hemorrhagic & purulent, med. & surg. indic. (Fr) 18623

**COLITIS, ULCERATIVE**

(Ger) 55386

(It) 5376 32104 42844 51996

(Sp) 24740

classif. & statist. 6465

pathogen. & progn. (Fr) 30971

***case reports***

clin. pathol. conf. 39148

fatal, caused by Micrococcus pyogenes (It) 43267

in liver cirrhosis, interrelation 11983

***complications***

12293

***diagnosis***

chronic 12286

x-ray diag. of fulminating colitis 31632

***differential diagnosis***

mucous colitis (Ger) 55379

***epidemiology***

in So. U. S., etiol. & geographical aspects 46920

severe, in large cities (Ger) 51867

***etiology and pathogenesis***

49712

***in infant and child***

case report 14207

chronic, extra-colonic manifest. 35352

statist. 20701

with hemorrh. & multiple perf. in 7-week old inf. (Fr) 45004

***in pregnancy***

(Fr) 8241

***metabolism***

hydrocortisone absorp. from colon during idiopathic ulcerative colitis ther. 45385

water-electrolyte disord. (Sp) 27220

***pathology***

16855

retrorectal space 49706

***psychology***

psychoanalytic interpretation (Sp) 44580

review 27957

***surgery***

abdominoperitoneal resection, eff. on postop. sexual funct. & coitus 19876

colectomy & ileostomy, advisability of subsequent pregn. in 40398

colectomy, radical, indic. (Dan) 19936

colectomy, total postop. diarrhea, clin. pathol. conf. 35681

coloproctectomy, one-state technic 39146

coloproctectomy with ileo-anal anastomosis, remote result (Sp) 8210

hemorrhagic, indic. (Fr) 53317

ileorectal anastomosis, technic & results 12706

indic. 22101

***therapy***

35671

(Ser) 29396

ACTH & adrenal cortex hormones 35670

ACTH & adrenal cortex hormones, review (Fr) 215

ACTH & corticosteroids 50792

ACTH & cortisone 48330

hydrocortisone hemisuccinate sodium, local admin., controlled trial 14251

14253

idiopathic 40987

management 22726

management, review 29264

med. & surg., rationale (Sp) 21770

rational basis for med. ther. & surg. of severe cases 24610

review 50173

**COLLAGEN**

catabolism & turnover (Fr) 53991

collagen inclusions in decidual cells (Ger) 41724

collagen-like compound in bovine spinal cords, allergic encephalomyelitic activity in guinea pigs 5486

collagen-like compound in bovine spinal cords, isolation & properties 5485

comparative amino acid & carbohydrate composition of collagens & their gelatin deriv. from various sources 37093

content of rat femora 16979

eff. of age of fibrillogenesis & distribution of collagen (Fr) 44631

eff. of aging & of exper. silicosis in rats (Ger) 25183

eff. of denervation on musc. content (Cz) 38208

eff. of protein-free diet on collagen content of mice 41344

elastic mechanisms of intervertebral disk, determ. by polarizing microscopy & x-ray crystallography 4802

fibers, affinity for radioisotopes during thermal contraction 27560

fibers, contraction induced by inflamm. in rat-tail tendon 28970

fibers, microscopic morphol. variants in mammals 18064

fibrils, destruction by hyaluronidase, electron microscopy (Ger) 12060

fibril reconstitution from acid solution of rat tail tendon, eff. of quarts (It) 42218

fibrogenesis, relation to wound healing, biochem. aspects, review 19065

hexosamine-collagen ratio of connective tissue in relation to urinary steroid level 37563

hexosamine/collagen ratios in rat connective tissues, eff. of cortisone 31381

in dent. cementum as shown by electron microscopy 7213

in meat, eff. of heat treatment (Rus) 22604

liver content in humans & rats, determ. from hydroxyproline content 51288

metab. pathways of hydroxylysine in biosynthesis of collagen, review 30038

minute structure, electron microscopy (Ger) 23087

proline conversion of hydroxyproline in synthesis of collagen in guinea pigs bearing carrageenan granuloma, eff. of vitamin C 40551

relation of water to collagen structure 52410

skin collagen & elastic tissues, morphol. 14085

soluble collagen, review (Fr) 21383

structure of reticulum fibers, electron & light microscopy & diffractographic exam. 9565

submicroscopic structure & mechanism of silver stain of connective tissue 54422

surface appearance & behavior in dis. involving connective tissue & in surg. wound healing, review 14395

swelling in acid, eff. of heat & age 50581

swelling rate of collagen 44964

swelling upon acetic acid treatment, prev. by ATP (Hun) 29179

synthesis & biochem., review (Fr) 44617

tripeptides in enzymic digest of collagen, isolation & identification 40541

water in cytol. collagen structure, x-ray diffraction (Rus) 25905

***effect of drugs on***

plasmin (Pol) 53211

polypeptides extracted from inflamm. granulomas on collagen-mucopolysaccharide combinations in vitro (Fr) 36080

**COLLAGEN DISEASES**

*see also* ARTHRITIS, RHEUMATOID

*see also* DERMATOMYOSITIS

*see also* LUPUS ERYTHEMATOSUS, DISSEMINATED

*see also* PERIARTERITIS NODOSA

*see also* RHEUMATIC FEVER

*see also* RHEUMATISM

*see also* SCLERODERMA

(Fr) 1027

29197

definition, pathol. & diag. 20350

from clinician's viewpoint (Pol) 30863

pathogen. & clin. manifest. (Ger) 19426

pathogen. & symptomatol. (Ger) 46044
review 50010
review (Pol) 30881
silicosis as collagen dis., classif. 25188
upper resp. tract, etiol., manifest. & ther. 1179
value of concept to research & clin. practice (Pol) 30862

*blood in*
protein changes, electrophoresis, comparison with other skin dis. (Sp) 21168

*case reports*
diffuse collagen dis., clin. & pathol. aspects (It) 42662
in silicosis (Fr) 5328

*complications*
dyspepsia (Ger) 23093
gastrointestinal disord. (Sp) 53364
gastrointestinal disord., pathogen. (Fr) 21414
lung neoplasms, case reports (It) 3845

*diagnosis*
problems (Fr) 35204
punch biopsy of knee synovium 23400
x-ray diag., review (Fin) 27302

*etiology and pathogenesis*
multiple cranio-facial gunshot wds. & pelvic fract. followed months later by grave collagenosis (Fr) 3479
review (Bul) 32772

*manifestations*
chronic stenosing cholangitis & chronic recur. pancreatitis (Sp) 31029
eruptive collagenosis with multiple metachromatic foci, gamma globulin increase & renal glomerull changes (Ger) 3985
lungs, x-ray & clin. manifest. (Sp) 43896
lungs, x-ray manifest. 47222
lungs, x-ray manifest. (Fr) 39875
respiratory tract (Fr) 3623
systemic manifest., concept & pathol. basis, review 1204
thorax x-ray changes in (Ger) 44302

*pathology*
fibrinoid changes in lesions, immunohistochem. analysis 11761
histopathol. of various organs (Jhun) 31130
in visceral cancer 19881
lungs 8301 8303
lungs, in para-rheum. dis., case reports & review (It) 31745
lung interstices & pleura (Ger) 27200
lungs, review 42073
review 19865
transitional forms (Rus) 45127

*physiology*
dermal barrier test with saline solutions & hyaluronidase 36304

*COLLAGENASE see* PROTEASES

COLLAPSE THERAPY

*see also* PNEUMOPERITONEUM, ARTIFICIAL

*see also* PNEUMOTHORAX, ARTIFICIAL

*see also* TUBERCULOSIS, PULMONARY, *surgery*

changing concept & status 15537
extramuscleperiosteal collapse in maximal lesions (Ger) 33364
pleurectomy with pre- & postop. exercise ther., eff. on resp. funct. (Fr) 21333
plombage, compl. & failures of (Sp) 8164
plombage, extrapericosteal, in pulm. tuberc., postop. pulm. funct. tests 38396
plombage with ivalon sponge, indic. & results 929
pneumonolysis, anesth. problems (Ger) 22196
pneumonolysis, local ther. of residual cavities (Ger) 10546
postop. oleothorax as pleural space prosth. after pneumonectomy, follow-up statist. 5872
thoracoplasty (Rus) 31194
thoracoplasty, apicoaxillary, decapsulation with apicolysis & fixation of apex, technic (It) 36755
thoracoplasty, comparison with pulm. resection (Por) 21057
thoracoplasty followed by pneumonectomy (Hun) 6339
thoracoplasty, Holst-Björk osteoplastic technic 9467
thoracoplasty with splitting of trapezius & rhomboid musc. 28281

*complications*
chronic pulm. heart dis. (It) 47829
extrapleural pneumolysis, postop. hemorrh. (Rus) 31177
exudates, ACTH & cortisone ther. (Ger) 51694
pleurisy, contralateral following thoracoplasty in pulm. tuberc. (Sp) 8723
pneumolysis, extrapleural, postop. hemothorax (Rus) 31229
pneumonolysis, extrapleural, with hemorrh. & hard hematoma, prev. (Bul) 33819

*effects*
on water-salt exchange, eff. of heat & perspiration (Jap) 8798

*statistics*
early indic. & progn., statist. (Fr) 26180
extrapleural pneumonolysis in pulm. tuberc. 39174
follow-up of results of primary thoracoplasty, relation of certain variables of dis. to outcome 24723
in community hosp. 50892
in diabetics, results (Ger) 34356
late results (Ger) 37003
thoracoplasty 14157
thoracoplasty, extrapleural in cavernous tuberc., remote results (Rus) 31178

*COLLES' FRACTURE see* RADIUS, *fracture*

COLLOIDS
as thickening agents in pharmaceutical systems, viscosity determ. with Brookfield RVF viscometer 16711
commercial polysaccharide hydrocolloids, review 35549
localization of colloidal substances in vasc. endothelium, mechanism of tissue damage 47083

*effects*
hydrophilic colloids on precipitation of calcium oxalate, relation to dispersion grade of calcium oxalate (Ger) 27885
hydrophilic colloids on precipitation of calcium oxalate with normal urine (Ger) 27887

*in blood*
lability tests in various liver dis. (It) 54210

*in urine*
biocolloids, physicochem. & immunochem. characteristics in normal man 14622
biocolloids, quantity & electrophoretic characteristics in normal man 14621
relation to urinary tract calculi (Ger) 45585 45586

COLON

*see also* COLOSTOMY

*see also* PROCTOSCOPY

physiol. & dis., review 23085

*abnormalities*

*see also* MEGACOLON

aplasia generalized (Ger) 46130
atresia of sigmoid 23504
atresia of sigmoid, surg. 877
atresia, surg. & case report 25054
atresia with imperforate anus 54701
blind pouch at ascending colon (Ger) 39397
dolichocolon, surg. (Por) 47299
hepatodiaphragmatic interposition in child. (Ger) 30047
malrotation of midgut in inf. 11778
pancreatic & gastric heterotopia in diverticulum of colon 5663
redundancy (Heb) 39776
relation to pathogen. of renal calculi 14162
unusual dystopia of descending colon & sigmoid, with ureteral abnorm., case report (It) 14523

*cysts*
pneumatosis cystoides of descending colon, case report 30160

*diseases*

*see also* COLITIS

*see also* DIVERTICULITIS

*see also* DIVERTICULOSIS

53275
clin. management 50162
diag. & surg. 40983
funct. disord., ther., neostigmine & pyridostigmine bromide iontophoresis (Fr) 39497
granuloma in rectosigmoid anastomosis caused by fishbone 23503
hepatic & splenic flexure synd. causing chest pain 27529
irritable colon, dietary ther. & psychother. 38531
irritable colon, pathogen. (Sp) 43914
irritable colon, ther., belladonna-phenobarbital prep. (Sw) 52733
irritable colon, ther., tricyclamol, balloon-kymographic determ. of eff. on motility 35686
irritable colon, ther., tricyclamol, double blind study 35687
irritable colon, tonus, motility & eff. of anticholinergics (Sp) 21200
review 3385
torsion of sigmoid, surg. (Rus) 41549
with abnorm. of bilirubin metab. cycle in patients with jaundice 39136

*effect of drugs on*
nicotine, inhib. eff. on rabbit colon in vitro 28629
podophyllotoxin on rats & guinea pigs (Fr) 1063

*fistula*
causes & management 40999
colo-pleuro-bronchial, traum., case report (It) 47810
duodenocolic (It) 3900
duodeno-colic, appearing 3 years after gastrectomy for duodenal ulcer 37633
duodenocolic, caused by cancer of colon, surg. (Fr) 51385
gastrocolic, surg., Wilkie operation (Sp) 9721
gastrojejunocolic, after surg. for duodenal ulcer, statist. 12826
gastrojejunocolic, x-ray manifest. & surg. (Sp) 35970
ileosigmoid & vesicosigmoid, complicating intestinal amebiasis (It) 23756
renocolic, review & case report 32525
vesicosigmoid, inflamm. & neoplastic (Sp) 1837 1839

*hemorrhage*
massive, diag. & management 21865

*infarction* 8116
hemorrh. infarct of sigmoid caused by thromboangiitis obliterans of inferior mesenteric artery, case report 25680

*microbiology*
preop. antibiotic prep. of intestine causing monilial peritonitis in child 18351
Schistosoma hematobium, anat. basis for distribution in sigmoid 55084

*neoplasms*
adenocarcinoma, metastatic, clin. pathol. conf. (Sp) 9706
adenoma & adenocarcinoma, spontaneous in Syrian hamsters 11792
adenoma, incidence (Por) 42190
adenoma, villous, x-ray diag. 28521
angioma, with thrombopenic purpura in child 47494
benign (Sp) 21144
cancer & precancerous lesions, errors in x-ray diag. 24609
case reports (Dut) 29935
causing duodenocolic fistula, surg. (Fr) 51385
causing intestinal obstruct., cecostomy (Dan) 33400
diag. & surg. 8011
diag., pathol. & surg. (Ger) 23678
diag., proctosigmoidoscopy 24198
differ. x-ray of sigmoid tumors from ovarian tumors (Ger) 22889
distal portion (Sp) 27204
early diag. & radical surg. 528
endometrioma, sigmoid, case report (It) 6804
endometriosis of sigmoid (Pol) 53184
endometriosis of sigmoid, x-ray diag. 24490
exper., prod. & pathogen. in rats 2670
Gardner-Richards synd. with desmoid tumors, case reports 3376
granulomatous tumors, incidence & rate of malignancy in Venezuela 22022
incidence & survival rate in young adults 1145
leukemic infiltration of colon causing massive melena 34969
lipoma, submucous (Rus) 33585
lipoma, submucous, case reports & surg. 25043
multicentric carcinoma localized on sigmoid diverticula, case report (Fr) 1458
multiple, review 22048
neurinoma of sigmoid colon, case report (Fr) 6309
oxidative enzymes, histochem. 47088
perf. of sigmoid as first manifest. (It) 52930
polypi, adenocarcinomatous, clin. statist. (Por) 39978
polypi, adenomatous benign, pathogen. 22080
polypi, adenomatous, pathol. & ther. 15999
polypi assoc. with infantilism, case report (Fr) 31047
polypi, familial, control 39137
polypi, familial generalized, surg., follow-up (Fr) 36640
polypi, familial with connective tissue tumors 18056
polypi, generalized, surg., rectocolectomy with transanal ileostomy, case reports (Fr) 36641

polypi, rectosigmoid (It) 7750

polypi, relation to colonic cancer 13322

polypi, x-ray diag. using high-kilovoltage technic with spot compression 6488

polyposis, diffuse, with carcinomatous changes 11069

polyposis, familial rectocolic, case reports & surg. (Sp) 44502

preop. cul-de-sac smears for cancer cells 54691

prev. & adjuvant ther., review 52657

rectosigmoid, surg., indic. & results (It) 20178

rectosigmoid, surg., pull-through operation, technic & results (Sp) 8212

recur., prev. by monoxychlorosene 40950

sigmoid cancer, diag., rectosigmoidoscopy (It) 25632

sigmoid cancer, excis. & postop. metastasis to aorta & iliac arteries, surg. 54711

sigmoid, metastasis to ileum, x-ray diag., case report 28517

sigmoid, surg. anat. & technics (Sp) 53329

sigmoid, ther., arsenicals (Fr) 38792

sigmoid tumors, indic. & technics of radical surg. (It) 25548

sigmoid tumors non-specific inflammatory (Pol) 30698

simultaneous multiple primary carcinomas of sigmoid & rectum, surg. (Ger) 46001

surg. (Sp) 39107

surg., colectomy, indic. & technics (Sp) 20647

surg., hemicolectomy with pancreatectomy & splenectomy, case report (Hun) 51437

surg., new concept of technic 7998

surg., selection of technic based on location & extent of malignancy & patient's general health 33100

surg., urinary compl., prev. & ther. (Por) 33737

with acute obstruct., surg., decompression technic 40966

with diastatic perf., case reports (Fr) 55096

with fistulization into bladder, case report (Sp) 1834

***perforation***

fatal, of syphilitic ulcer, in patient with multiple organic syphilis (Sp) 53346

multiple perf. in latent amebic colitis after antibiotic ther., with peritonitis & liver abscess (Fr) 36660

pelvic, causing emphysema of leg 37632

sigmoid colon, during barium enema of artif. anus, case report (Sp) 44416

spontaneous in newborn, fatal case 1415

***physiology***

absorp. of various radioiodine-labelled substances, diag. value in mucosal dis. 35850

in hibernating arctic ground squirrels, histol. comparison with warm & active animals 12929

slow transport of contents, funnel-shaped haustra as sign, serial x-rays (It) 44314

***radiography***

current trends in diag. technics 2127

double contrast method with micronized barium sulfate suspension (Ger) 9526

double contrast technic 11098

flexure projected above diaphragm, x-ray differ. diag. from diaphragmatic hernia (Ger) 39364

prep. of colon with bis-(p-acetoxy-phenyl)-pyridyl-methane 45814

prep. prior to barium enema 20954

***rupture***

by perinephric abscess, clin. pathol. conf. 30136

***stenosis***

non-cancerous strictures, diag. & ther. (Fr) 401

posttraum. (Sw) 52714

***surgery***

anastomosis with alloy steel wire in dogs 40995

clin. statist. (Por) 51646

colocolic & rectocolic anastomosis (Fr) 42429

colon segments in reconstruction of upper gastrointestinal tract after esophagogastrectomy 150

Grekow's sigmoid resection (Pol) 53190

mortal. & morbidity 24611

one-stage right hemicolectomy with valvular terminoterminal ileocolic anastomosis (Sp) 8157

perop. colonoscopy & extensive colostomy (Sp) 8181

postop. defecation, management with dioctyl sodium sulfosuccinate alone & with cascara sagrada extract 11817

preop., perop. & postop. use of antibiotics, methods & results 39459

preop. & postop. antibiotic ther. 54773

prep. proctoscopy in selection of type (Sw) 54826

reversal of right hemicolon in surg. of left colon & rectum (Fr) 42430

right colectomy with immediate anastomoses & sutures for establishment of intestinal continuity (Fr) 10591

right hemicolectomy with total gastrectomy in recur. cancer of stomach & appendix 52684

second-look operation (Dut) 52503

sigmoidocystoplasty (Bul) 28759

transverse incision in abdom. approach, technic 3378

use of ileal & jejunal loops in colon surg. 39934

***transplantation***

ascending & right half of transverse colon in esophageal replacement 10085

esophagoplasty (It) 6869

form. of artif. vagina, anat. basis (Rus) 12168

right colon in replacement of esophagus, case report (Sp) 25957

segmental reconstruction of esophagus & stomach 11816

transverse colon as replacement of esophagus in atresia, neoplasms & varices 22042

***wounds and injuries***

penetrating wds. 32732

**COLOR**

as modulation of clarity (Dut) 7348

coding ability in color discrimination with language as coding system (Dut) 52541

color designation system for use in description of gross pathol. specimens 134

color of rooms in modern indust. (Ger) 38919

Fechner color illusion on television 794

Lüscher color test in Persians & Europeans, comparison (Ger) 24117

psychol. significance of various colors 8380

selection & character of Central Brazilian Indians (Ger) 24118

***effects***

eff. of color scheme in hosp. on patients' morale 19306

on patients in hosp. rooms (Ger) 15313

**COLOR VISION**

absolute threshold in military med. exam. (Rus) 45886

blindness & color theory, comparative discriminations between normal, dichromatic & unilaterally color-blind subjects 11694

blindness around spot of Mariotte, study by electrical stimulation 10395

blindness as occup. handicap (Fr) 13473

blindness, Graham's theory 694

blindness, significance in various occup. & improved methods for detection (Hun) 20169

blindness visual pigments in 19486

changes in perceived color of very bright stimuli, relation of time course of changes to intensity of stimulus 21684

chromatopsia caused by digitalis (Ger) 43350

color constancy in shadows 28590

color vision studies as test of x-chromosome constitution in Klinefelter's synd. 19642

deuteranopia & deuteranomaly, photopic electroretinogram, comparison with normal eyes 35394

direct estimation of intensity of tints & colors, method & curves (Fr) 15090

disord., acquired, diag., photometry (Pol) 28842

disord., diag. value of anomaloscopy (Ger) 46842

dyschromatopsia, congen., foveal achromatic thresholds (Fr) 14489

exam. in GP (Ger) 55371

fovea-cortex systems in man, phase shift in brightness & delay in color perception 17860

importance in traffic safety (It) 54197

in borderline case between epilepsy & migraine (Ger) 52565

in borderline cases of dorso-occipital epilepsy & migraine (Ger) 52554

in fresh-water turtles, electrophysiol. 15704

luminosity curves of normal & dichromatic subjects, comparison 21664

new phenomenon 52439

perception, amount of information gained during brief exposures of colors 17268

perception, hypothesis for quantitative evaluation 5587

physiol. & tests for Fr. naval personnel (Fr) 13058

pseudoisochromatic tables, comparisons (Ger) 24281

red-green sensitivity, eff. of arterenol, carbachol, epinephrine & neostigmine (Ger) 43573

relation of critical discretion interval to duration, force & spatial aspects of stimulus (Rus) 47986

signal light identification 41343

spectral sensitivity at eye & optic tectum of chicken, comparative responses 683

spectral sensitivity, correlation of electroretinogram curves with visual pigments, phys. determinants 684

variability of electrical response to various color stimuli 23305

**COLORIMETRY**

in orthophosphate determ. in presence of phosphoric acid esters, comparison of methods (Fr) 37848

requirements for colorimetric measurements (Rus) 25921

***apparatus and instruments***

new colorimeter for objective determ. of opaque & transparent chromatic characteristics in microscopic prep. (It) 42457

**COLOSTOMY**

abuses 12584

closure by intraperitoneal method 39144

extraperitoneal placement of lateral abdom. anus (Fr) 43948

extraperitoneal, technic 37639

Gersuny technic in exstrophy of bladder 33111

in abdominoperineal excis., technic (Sp) 25950

in Miles technic for rectal cancer, technic (Fr) 43918

management, norms & deviations during rehabil. 864

nursing care 12389

technics, management & compl. 32510

transcecal, technic & management 10083

Wangensteen technic, indic. (Sp) 43884

***apparatus and instruments***

new local plastic colostomy box 8008

***complications***

(Sp) 8213

perf. of colon during enema into stoma 33083

postop. perf. of sigmoid colon following barium enema of artif. anus, case report (Sp) 44416

statist. 31274

**COLOSTRUM**

antibodies of animal colostrum, clin. value in pediatric dis. 8514

colostral protein absorp. from gut of young calf 44032

intestinal absorp. in newborn inf. of immune proteins in colostrum, mechanisms, review 20039

proteins, immunochem. comparison with blood & milk proteins (Cu) 38330

***effects***

on antibody production in brucellosis-vaccinated calves (Ger) 55678

***COLPOSCOPY*** *see* **ENDOSCOPY**

**COMA**

***see also*** **HEPATIC COMA**

etiol. & emergency ther., neurol. factors 15907

physiopathol., manifest. & diag. (Fr) 5333

***blood in***

ammonia, clin. value (Fr) 11883

***case reports***

hypothermic myxedema coma 14278

postop. hypercapnic coma in patients with cardiopulm. insuff., immediate recovery by tracheotomy, case reports (Fr) 24252

***complications***

autonomic nervous system disord. caused by traum. coma, ther. (Fr) 5338

body fluid balance disord. (Fr) 5335

body fluid disord. in metabolic coma, ther. (Fr) 5334

bronchial obstruct., ther., bronchoscopy & tracheotomy (It) 42603

resp. disord., ther. indic. (Fr) 5337

***etiology and pathogenesis***

barbituric coma, ther., 4,4-ethylmethylglutarimide (Sp) 53967

brain inj., ther., parenteral infusion by drip feeding for 3 months, case report (Fr) 427

chem. pois., ther. 5336

chronic pancreatitis with fatal hypoglycemic coma, case report (Fr) 56100

hypopituitarism (Fr) 29217

52375

non-hepatic in alcoholic liver cirrhosis, classif., diag. & ther. (Fr) 15885

symposium 30150



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

*experimental*

induced in cats by stimulation of various parts of brain by nicotine inject. & by insertion of needles, EEG aspects 327

*in infant and child*

caused by isopropyl alcohol sponging, case report 5713

*physiology*

eff. on EEG 27316

gastric secretion during prolonged salicylate admin. in comatose man 15941

*therapy*

management 7006

*COMA, DIABETIC see* DIABETES MELLITUS

COMMISSUROTOMY

(Bul) 28744

(Por) 29357

anesth. & technic (Rus) 10736

aortic, direct vision in 1246

aortic, in acquired calcific stenosis, quantitative postmortem evaluation of valvular funct. by perfusion technic 18124

aortic, transventric. technic 41455

comparison of direct epicardial & precordial leads (Fr) 26484

direct vision technic with rotating disk-type oxygenator 22005

double commissurotomy in one stage, for mitral & tricuspid stenosis (It) 187

during puerperium, case report (Fr) 26270

histol. demonstration of Aschoff-Talalajew granuloma in separated tissue (Ger) 11142

43849

48499

mitral (Fr) 31952

mitral (Tur) 22362

22363

mitral, digital & instrumental valvulotomy 32033

mitral, failure & indic. for repeated surg. (Fr) 42499

42500

mitral following penicillin & adrenal cortex hormone ther. of subacute bact. endocarditis, case report (Fr) 29134

mitral, in adolescents 41838

mitral in rheum. stenosis, case reports 21804

mitral,in stenosis with intra-auric. thrombosis (Rus) 10752

mitral, indic. & contraindic. (Rus) 21878

mitral, indic. & results (Rus) 41674

mitral, indic. in congestive heart failure (Sp) 36840

mitral, left auric. & pulm. artery pressure (Rus) 10740

mitral, perop. ECG for early detection of arrhythmia (Sp) 53956

mitral, perop. lung biopsies, evaluation & correlation with mitral dis. (Fr) 36680

mitral, peroperative changes in ECG recordings (Fr) 36681

mitral, postop. course (It) 32087

mitral, postop. oxygen ther., indic. (Rus) 41675

mitral, postop. pregn., progn. & case report (Fr) 2298

mitral, postop. pulm. funct. changes (Fr) 36690

mitral, postop. pulm. hemodynamics (Fr) 21317

mitral,pre- & perop. left heart catheterization, progn. value (Fr) 415

mitral, preop. & postop. kinesto-cardiography 12353

mitral, preop. & postop. phonocardiography (It) 6794

mitral, preop. & postop. prep. (Rus) 41673

mitral, preop. & postop. serol., electrophoretic & histol. correlations 24434

mitral, review (Ger) 6693

mitral, right postero-lateral approach 42512

mitral, right thoracic approach, indic. & technic (Fr) 9094

mitral, with annuloplasty in ther. of stenosis assoc. with regurgitation 46931

postop. ECG (Tur) 32091

postop. erythrocyte sedimentation rate (It) 54226

postop. phonocardiography of systolic murmur of mitral & pulm. infundibular stenosis after valvotomy & infundibular resection 14036

postop. resp. funct., bronchospirometry (It) 52089

pulm. eff. of asynchronous ventric. contractions & infundibular hypertrophy on valvotomy 10313

pulm. in pulm. edema, emergency surg., case reports 16599

through right thoracotomy in complicated mitral stenosis, advantages (Sp) 44491

tricuspid, progn. 15561

with subsequent pregn., case report (Fr) 26267

*anesthesia and analgesia*

(Bul) 29726

in mitral stenosis, method (Rus) 18187

premedication & perop. & postop. ther. (It) 11824

*apparatus and instruments*

prosth. valves, design & fabrication 15725

technically improved instrument (Ger) 22198

*complications*

auric. arrhythmias, postop. prev. by quinidine (It) 42486

auric. wall rupt. in mitral commissurotomy, prev. by form of artif. auric. with pericardial flap (Ger) 22212

caused by small auric. appendage, value of preop. x-ray (Sp) 8831

disturbances in resp. gas exchange (Rus) 18196

emboli of central retinal artery after mitral commissurotomy 47032

fibrous pericarditis (Rus) 54548

mitral, with bact. endocarditis 38034

perop. intra-auric. thrombosis (Rus) 10734

post. recur. of mitral stenosis, repeated surg. by dextrolateral approach (Ger) 11374

postcommissurotomy synd. (Ger) 42936

postcommissurotomy synd., review (Por) 51648

postop. embolism of iliac arteries at bifurcation, embolectomy (Fr) 51381

postop. pleural effusions in mitral patients, ther., prednisolone (It) 42664

postop. rheum. dis. (Fr) 9233

postop. septicemia caused by antibiotic-resist. Micrococcus pyogenes aureus, vancomycin ther. 5412

restenosis of mitral valve 36135

tricuspid incompetence following mitral commissurotomy 48154

*statistics*

clin. & hemodynamic results, comparison 1 year postop. 35637

in Czech. (Bul) 20769

in patients over 45 years of age, preop. & postop. study (Fr) 51359

mitral, early results 27787

mitral, follow-up 23395

mitral, long-term results (Fr) 42501

mitral, postop. morbidity 21824

postop. clin. results & cardiac & pulm. compl. 24324

postop. clin. results in mitral stenosis 24323

COMMON COLD

(Ger) 38993

*differential diagnosis*

(Ger) 29445

review 49390

*epidemiology*

incidence & distribution 21532

*etiology and pathogenesis*

personal & environmental factors (Dut) 7290

viral origin 18382

*prevention and control*

vacc., research 5804

*therapy*

benzilic acid-2-dimethylamino-ethylbenzilate prep. (Ger) 29491

COMMUNICABLE DISEASES

*see also* EPIDEMIOLOGY

*see also* FUNGUS DISEASES

*see also* PARASITIC DISEASES

*see also* QUARANTINE

*see also* RICKETTSIAL DISEASES

*see also* VIRUS DISEASES

air-borne dis., epidemiol. factors, prev. & ther. (Sp) 9754

animal & human dis. caused by exogenous organisms, review (Rus) 34641

bibliog. (Rus) 11504 34644 34679 55785 55818 55847

eff. of communicable diseases upon rise & decline of Virginia Springs 10440

hist. 2630

infect. neurol. dis., problems of nosol. classif. (Rus) 34703

intestinal, acute infect. in Alaskan Eskimos 53658

intestinal, acute infect. in Alaskan Eskimos, seasonal study 53659

review 18691

review (Fr) 44769

review (Ger) 15375

52169

ther. & prev. of infect. dis. (Fr) 49744

zoonoses, synopses of common dis. 5389

*blood in*

leukocytosis & leukopenia, mitosis of nucleated cells in bone marrow 10390

22256

*complications*

late seq. in military personnel (Ger) 52268

myocarditis, anatomopathol. findings (Sw) 29224

*diagnosis*

bacteriol., prod. of diag. prep. in Russia (Rus) 11499

clin. diag. (Sp) 21765

induced autoculture for microorganisms, technic for latent carriers (Sp) 9677

interference of interfacial cpds. in rinsing liquid residues in test tubes (Ger) 46330

of major infect. synd. (Sp) 9757

*epidemiology*

eff. of standard of living (Rus) 55817

exanthem with aseptic meningitis, epidemic in England 8487

in Brazil, improvement in prev. in rural areas (Por) 44427

in Germany, exanthematous infect. dis. with herpes simplex (Ger) 42355

in Germany in war & postwar period (Ger) 52273

in France, 1955 data (Fr) 21306

in Italy (It) 39703

in Spain (Sp) 8959

in U. S., water-borne infect. dis., 1957 outbreaks 8435

in W. Germany (Ger) 46226

natural foci, geographical aspects (Rus) 33474

numerical studies on contagious distributions 40805

zoonoses, origin & develop. of pattern in relation to topographical localization 10468

*immunology*

incomplete antibodies (Ger) 46273

*in infant and child*

(Dut) 18571

bact. resist. to antibiotics (Ger) 19414

during adrenal cortex hormone ther., indic. for decreased & increased dos. (Fr) 9655

phagocytic activity (Rus) 53044

prev. in nurseries & child. homes (Sw) 32841

ther., ACTH & cortisone, indic. & limitations, review (It) 20212

ther., antibiotics (Nor) 10377

ther., gamma globulin, limited ther. value (Sp) 21106

*physiology*

anergy to tuberculin in infect. dis. (Pol) 8071

changes in repolarization wave of ECG, eff. of various funct. & pharmacodynamic stimuli (It) 21435

*prevention and control*

cooperation of health officer & bacteriologist (Ger) 30248

cooperation of serol. expert with health officer (Ger) 30249

gastrointestinal, in Russia (Rus) 32575

in hosp. (Ger) 42917

in Iceland (Icelandic) 28959

in Indonesia (Indonesian) 41972

in Russia (Rus) 55784

in U. S. (Sp) 13909

progr. (Fr) 41103

WHO program (Fr) 53559

*therapy*

(Sp) 21766

21768

cortisone in acute phase (Ger) 22816

gamma globulin 50311

gamma globulin of human origin, indic. & results (Fr) 53379

progr. (Fin) 54641

tetracycline with meth-dia-mer-sulfonamides & vitamin C, review (Fr) 17658

*transmission*

across intact conjunctiva 8188

air-borne (Rus) 34662

arthropod vectors (Sp) 18863

42240

bact. infect. from animals to man 21536

by animals 7852

by animals to man, review 18715

by birds (Rus) 34676

by meats, review (Fr) 26348

by rats (Cz) 38158

gastrointestinal, by Phylodromia germanica, control through ship fumigation (Pol) 33814

host susceptibility 29292
natural transm. (Ger) 52264
relation of microbial specificity & variability to transm. mechanisms (Rus) 55798

*urine in*

proteins, clin. value of Kimbarovskii reaction (Pol) 8096

## COMPLEMENT

anticomplementary activity of normal human sera & of multiple myeloma sera (It) 9935
correlation with bactericidal eff. of blood on gram-negative bact. (It) 44826
deviation of complement reaction, diag. value in lymphogranuloma venereum (Fr) 36552
eff. of guinea pig complement on immune reactions of ciliate protozoa 4162
fixation & hemolytic activities in several systems, comparison 40946
fixation antibodies in infect. mononucleosis (Ger) 6078
fixation, discovery by Carlo Moreschi 9602
fixation in antigenic analysis of influenza viruses 40901
40902
fixation in Asian influenza (Ger) 55489
fixation in Asian influenza in young child. (Ger) 15390
fixation in cerebral cysticercosis (Rus) 55309
fixation in detection of foot & mouth dis. antibody in vaccinated cattle 12765
fixation in diag. of sarcosporidiosis 12772
fixation in schinococcosis, diag. value 47272
fixation in influenza (Ger) 25261
fixation in influenza, V, S & L antibody determ. in antisera (Ger) 34079
fixation in polio. (Ger) 3363
fixation in polio. (Rus) 33659
fixation in polio. using antigens from laboratory virus strains & from patient's own infecting strain, comparison 17407
fixation in schistosomiasis, value after ther. 2469
fixation in toxoplasmosis, comparison of antigens (Pol) 33703
fixation in tuberc. using dried purified tuberculin as antigen (Rus) 31236
fixation in typhus convalescents, eff. of non-specific stimulus (Pol) 53235
fixation in typing of vesicular stomatitis viruses & differentiation from foot & mouth dis. virus 12768
fixation inhib. test, application in virus & rickettsial research & diag. 28402
fixation, quantitative immunochem., review 47903
fixation, technic of prep. of antigens for fixation in amebiasis (It) 54234
fixation test for specificity determ. of anti-organ sera & antireticular cytotoxic serum (Ger) 46142
fixation test in classif. of chromogenic acid-fast bact., antigenic relation to M. tuberc. 37974
fixation test in determ. of C-reactive protein (Dut) 7297
fixation test in diag. of rinderpest in cattle 50471
fixation test, standardized routine test 25140
fixation test with allantoic fluid antigen in influenza, inability of antigen to distinguish between Asian & other recent type A influenza virus infect. 17583
fixation tests with peritoneal exudate antigen in toxoplasmosis 5143
fixation with ECHO virus type 9 (Ger) 34067
fixation with mouse tumor virus S. E. polyoma 32340
fixation with Toxoplasma antigens (Pol) 29516
fixation with trematode metab. prod. (Ger) 55581
fixing activity of polio. vaccine, relation to immunogenic potency 47206
fixing capacity of aqueous extracts of various strains of Mycobact. 50475
funct. in cancer (Ger) 4032
immunochem. of properidin-complement system (Ger) 6099
in blood dis. caused by autoimmunol. (Ger) 34146
levels of complement in mammals 44050
mechanism in bactericidal action of blood (Ger) 52256
mechanism of hemolysis by complement 8329
properties of activated first component of guinea pig complement 50599
Reiter protein complement fixation test reactivity in leprosy compared with other syphilis tests 53657
serial determ. in nephrotic synd. & in other kidney dis. 4159
serial determ., method 4158
titer & complement component titer in rheum. arthritis serum 23940
variations in different human dis. (Fr) 11943

*effect of drugs on*

chlorophyllin copper in guinea pigs (Ger) 12183
ethionine on titer in rabbits & guinea pigs on high cholesterol diet 40906

*COMPLEXONS see* CHELATING AGENTS

*COMPOUND F see* HYDROCORTISONE

*CONCHAE NASALES see* TURBINATE BONES

## CONDIMENTS

*see also* CLOVE

*see also* GARLIC

*see also* THYME

ginseng, present state of research on (Ger) 43603
ginseng-royal jelly prep. in ther. of degen. dis. in aged (Ger) 19061

*CONDITIONED REFLEX see* REFLEX, CONDITIONED

*CONDITIONING see* LEARNING

*CONESSINE see* ALKALOIDS

*CONGENITAL CARDIOVASCULAR DEFECTS see* CARDIOVASCULAR DEFECTS, CONGENITAL

## CONGESTIVE HEART FAILURE

acute left ventric. failure 45809
hazards of PAS ther. of pulm. tuberc. in patients with cardiac insuff. 10368
Hegglin's synd. in liver dis., incidence & prognostic significance (Ger) 49130
in mitral commissurotomy patients (Sp) 36840
refractory (Ger) 54376

*blood in*

adsorptive capacity of blood proteins in 18763
electrolyte levels & blood volume changes (Sp) 29372
electrolyte levels & blood volume changes, review (Sp) 42234
erythrocyte sodium, potassium & chloride content 35181
hyponatremia, pathogen. & ther. 12334
lactic acid level (Ger) 51857
phosphatases, eff. of acetazolamide (Sp) 38528
synchexase activity (Pol) 8087

*case reports*

chronic healed dissecting aneurysm in patient of lung cancer & sudden heart failure 49995
clin.-pathol. conf. 4487
probable tuberc. myocarditis in regressive congestive heart failure & cardiac enlargement in long active pulm. tuberc. (Fr) 29140
with cardiac enlargement & pseudoxanthoma elasticum, clin. pathol. conf. 46906
with primary myxedema (Fr) 37920

*complications*

basilar artery insuff. synd. (Fr) 262
congestive liver, volume determ. (Ger) 29432
hydrothorax of right side, pathogen. & pathol. (It) 2496
infect. hepatitis (Pol) 30731
nephrotic synd., ther. & recovery 2903
peptic ulcer, ellipsoid, in prepyloric area (Hun) 52927

*diagnosis*

(Ger) 6624
ECG, case report 15554
errors (Rus) 9852
x-ray diag. & differ. diag. (Ger) 12049

*differential diagnosis*

plasma cell myeloma, case report 18768

*etiology and pathogenesis*

anemia, pathogen. mechanisms (Fr) 43756
beriberi, case report (Sp) 53961
bronchitis with pulm. emphysema, diag. & ther. 33331
bronze cirrhosis (Fr) 9636
chronic lung dis. (Rus) 45203
hemochromatosis (Sw) 43182
hemochromatosis, anat., clin. & hemodynamic aspects (Fr) 31113
hemochromatosis, case report (Sp) 6911
hypertension (Bul) 32816
hypertension, ther. 5248
hypertension, venous, ther., hexamethonium & veritol (Sp) 20633
hyperthyroidism, case report (Sp) 21160
hyperthyrodism with beriberi in alcoholic, case report (Fr) 51357
obesity (Sp) 43941
obesity, case reports 3172
pulm. emphysema (Ger) 55375
pulm. heart dis. 12257
relation of aldosterone secretion to blood circ., review (Cz) 38125
relation to asthma (Fr) 9659
role of adrenal cortex & regulation of aldosterone secretion (It) 9276

*experimental*

chronic heart failure induction & mechanisms in dogs 28535

*in aged*

with congen. hypoplasia of abdom. aorta 30225
with psychoses, acetazolamide ther. (Ger) 22745

*in infant and child*

30419
caused by cerebral arteriovenous aneurysm in newborn 28600
caused by exchange transfusion, in newborn inf. (Ger) 34034
etiol. & diag. 42834
fluid ther., review 53009
ther., lantoside & neriolin (Rus) 53039
ther., med. & surg. indic. 52151

*in pregnancy*

with rheum. heart dis. & pulm. infect. in twin pregn., fatal case 19827

*manifestations*

agonizing hunger sympt. in severe failure (Pol) 43671
ascites, eff. of withdrawing ascitic fluid on water-electrolyte metab. (Pol) 30800
diaphoresis (Rum) 43998
dyspnea, pathogen., bronchospasm & congested bronchial mucosa, ther., procaine & atropine (Rum) 43998
edema & ascites, reflex-adrenal mechanism (Rus) 53073
edema, review (Fr) 45545
edema, review (Rus) 33621
hypoxia (Rus) 51217
kidneys, metab. & physiopathol. (Fr) 18079

*metabolism*

acid-base equilibrium & electrolyte balance in cardiac insuff. (Sp) 21191
anaerobic metab. during mild musc. exercise 17060
biochem. (Cz) 26541
body fluid balance (Cz) 38126
body fluid balance disord., relation to ther. (Fr) 9504
eff. on oxygen tension & acid-base equilibrium 14347
electrolyte metab., eff. of glutamic acid & lanatoside C 31794
kidney regulation of sodium metab. in patients on low-sodium diet (Pol) 20462
myocardial metab. 2366
potassium & sodium, eff. of intravenous sodium chloride admin. (It) 32085
proteins in extravasal fluids (Ger) 22898
water & electrolyte metab., eff. of comfortable & hot & humid environments on rate of excretion of various tracers 50709
water & electrolyte metab., relation of equilibrium of distribution, biol. decay rates, & space & mass of various tracers in comfortable, hot & humid environment 50708
water & mineral metab., determ. of site of disturbance 5250
water & salt excretion, clin. aspects 19972
water-salt retention, relation to renal filtration fraction 12328

*pathology*

liver, biopsy (Sp) 21035
liver funct. & anat. changes, clin. study & review (It) 27440
liver funct. disord., in severe cases (Sp) 21034

*physiology*

dynamics of heart beat (Hun) 43439
ECG axis, eff. of decrease in venous pressure (Tur) 33004
eff. of position on periodic breathing in chronic cardic decompensation 30132
hemodynamic changes, review (Cz) 26542
kidneys (Cz) 26543
liver funct. tests 49991
mechanisms in heart failure 42115
relation between venous pressure, circulating blood volume & blood sodium level in patients with edema (Pol) 30798
relation to potassium defic. 40058
renal clearance funct. test, limitations (It) 37473
splanchnic blood volume measurement 2905
venous pressure 43254
venous pressure in arm after application of force to hepatic area 52
water diuresis & kidney funct. (Pol) 30783

***surgery***

compl. due to difficulties during anesth. or to surg. stress — 30181

Bidwell valve in angina & congestive failure due to aortic insuff., subsequent term pregn. — 35629

iliac vein ligation (Rus) — 22157

— 33236

— 33237

ligation of iliac veins, postop. x-ray symography & heart volume changes (Rus) — 33238

postop. hypercapnic coma, immediate recovery by tracheotomy, case report (Fr) — 24252

role of surgeon — 42117

***therapy***

***see also*** CARDIAC GLYCOSIDES

***see also*** DIURETICS

***see also*** DIURETICS, MERCURIAL

— 50655

— 54525

(Ger) — 39016

(Sp) — 42235

acetazolamide (Rus) — 41665

acetyldigitoxin (Sp) — 44563

Apocynum cannabinum glycoside hendoside (Rus) — 9892

artif. resp. with Engström respirator (Fr) — 44932

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide (Dut) — 15797

— 52505

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide (Sp) — 13550

— 53361

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, blood level determ. — 9263

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide causing agranulocytosis & thrombopenia — 26112

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1(2H)-dioxide, diuretic eff. — 40286

6-chloro-7-sulfamoyl-1,3,4-benzothiadiazine-1,1-dioxide, diuretic eff. (It) — 8575

6-chloro-7-sulfamoyl-1,2-benzothiadiazine-1,1-dioxide in edema (Ger) — 21607

Convallaria glycoside mixture (Ger) — 6701

convallatoxin - 7-(3-hydroxypropyl)theophylline prep. (Ger) — 52275

digital prep. & mercurial diuretics (Sp) — 53973

digitalis & diuretics alone & together, eff. on exertional dyspnea in — 40301

drugs influencing metab. (Ger) — 18946

fasting, prolonged, eff. on creatine metab. (It) — 39644

glyceryl trinitrate, eff. of sublingual admin. on pulm. arterial pressure in left ventric. failure — 47507

lanatoside C, results of prolonged ther. — 6529

management — 42116

massive hydration, indic. contraindic. & eff. on venous pressure (Rum) — 44000

oleander glycosides (Ger) — 10300

postop. & posttraum., ther. measures in hosp. recovery room (Dan) — 30212

prednisone ther. of edema — 40839

radioiodine ther. of cardiothyrotoxicosis, comparison with surg. (Fr) — 43738

review — 14326

squill, intravenous admin. (Ger) — 51847

strophanthin with adenylic acid (Ger) — 42360

total heart extracts (Ger) — 18970

triazines as diuretics (Ger) — 6861

***urine in***

aldosterone (Pol) — 30796

aldosterone, 17-ketosteroids & 11-oxycorticosteroids, interrelations (It) — 53767

vitamin B1, excretion, correlation with response to vitamin B1 ther. in So. African Bants — 9782

***CONGO RED see*** ANILINE DYES

## CONJUNCTIVA

***blood supply***

blood vessels, eff. of hypothermia, biomicroscopic studies (Ger) — 12090

***diseases***

***see also*** PTERYGIUM

allergic reactions in ringworm (Ger) — 43354

diag., quantitative cytol. method — 23852

exper. demonstration of keratoconjunctival factor of Shigella by conjunctival inoculation in guinea pigs & rabbits (Fr) — 47397

in vitamin A defic., histopathol. — 33137

myiasis by Oestrus ovis in Italy (It) — 7517

onchocerciasis — 33146

pemphigus, cicatricial — 35781

pemphigus, in Stevens-Johnson synd. (Ger) — 51692

pemphigus, oral & cutaneous manifest. — 23872

rhinosporidiosis (Sp) — 8171

ther., review — 34936

***effect of drugs on***

electrolytes on cultures of human conjunctival cells — 24570

silver nitrate & boric acid on conjunctiva & microbial flora of conjunctival sac in newborn (Cz) — 30307

***embryology***

epithelial embryogenesis (Rus) — 33290

***metabolism***

inositol requirements of conjunctival cell cultures, comparison with HeLa & amnion cell cultures — 31312

penicillin & neomycin levels in conjunctival sac (Cz) — 38306

***microbiology***

presence of influenza virus in conjunctival secretions (Rus) — 22703

***neoplasms***

congen. dermoid tumor containing hair, case report (Sp) — 15509

lipoma, symmetrical & bilateral, rare case report (Cz) — 14835

***physiology***

transm. of viral & bact. dis. across intact conjunctiva — 6188

***surgery***

fornix conformer, new device in reconstruction of fornices — 46462

***transplantation***

conjunctival flaps in ther. of corneal dis., new technic — 11703

free grafts in surg. of pterygium (Fr) — 13062

## CONJUNCTIVITIS

***see also*** KERATOCONJUNCTIVITIS

***see also*** REITER'S DISEASE

***see also*** SJOEGREN SYNDROME

***see also*** TRACHOMA

congen. non-specific, etiol. & ther. (Ger) — 23333

occup., in collectors of gum for rubber, in Brazil (Sp) — 18860

***diagnosis***

vernal, determ. of mucopolysaccharides in secretion — 48215

***etiology and pathogenesis***

hypersensitivity to hexamethylenediamine, in indust. worker (It) — 51654

neomycin sensitivity — 23426

***in infant and child***

***see also*** OPHTHALMIA NEONATORUM

phlyctenular conjunctivitis in African child. — 1401

***pathology***

inclusion bodies, Hice technic for staining — 2089

***statistics***

vernal conjunctivitis, clin. statist. — 47058

***therapy***

penicillin ointment (Dan) — 33394

tetrahydrozoline ophthalmic solution — 28493

vernal, ther., prednisone — 26066

viral (Ger) — 55367

## CONNECTIVE TISSUE

***see also*** MAST CELLS

composition & metab. — 35731

elastin from soluble protein of ox ligamentum nuchae, reconstitution — 1645

elastin of aorta, in aged, morphol. & chem. analysis (It) — 36808

physiol. & metab., methods of study — 37825

***anatomy and histology***

elastic fibres in human aorta & ox ligamentum nuchae, polarization microscopy — 19575

elastin content of human lungs — 31332

in pia mater, microphotography (Ger) — 23812

intercapillary connective tissue in human kidney glomeruli (Ger) — 33544

oxytalan fiber, staining technic & establishment as separate entity — 28386

staining method for cytoplasmic structures (Ger) — 35264

staining of tissue & collagen fibrils & submicroscopic structure of collagen — 54422

staining prep., double-embedding technic for fibrous connective tissue — 32627

***diseases***

dystrophic disord., ther., thermal baths (It) — 13656

genetic factors in pathogen., review — 46957

incidence of false-positive serol. tests for syphilis in (Fr) — 4735

relation to stress — 22727

***effect of drugs on***

anti- & prohyaluronidase serums, inhib. & adaptation of connective tissue (Fr) — 47409

cortisone on hexosamine/collagen ratios in rat connective tissues — 31381

mersalyl-theophylline — 23995

***effect of radiations on***

x-rays, radium & radiocobalt on elastic tissue, immediate eff. — 41794

***metabolism***

acid mucopolysaccharides, biochem. — 7879

alkaline phosphatase content during exper. wound healing in cats & rats, comparison — 16785

hexosamine-collagen ratio in relation to urinary androgen & 17-keto steroid levels — 37563

hydrophilia or orbital connective tissue in exper. exophthalmos — 47038

mucopolysaccharides, eff. of testosterone on radiosulfur incorporation in cock's comb (Sp) — 8905

mucopolysaccharides, relation of content to binding of cationic dyes by tissue — 28385

mucopolysaccharide uptake of radiosulfur in cock's comb, eff. of testosterone (Fr) — 36718

sulfomucopolysaccharides in connective tissue of exper. skin tumors in mice & Rous sarcoma in fowl, radioautographic studies — 51308

***neoplasms***

fibroma of prevesical pelvic connective tissue (It) — 29630

with familial polypi of colon — 18056

***pathology***

funct. metaplasia after use of full-thickness skin autografts for interposition in hip arthroplasty in cat — 23091

in rheum. heart dis., histol. & histochem. changes of ground substance (Rum) — 31139

lesions of tela subcutanea in lupus erythematosis (It) — 19167

postmortem changes in luminosity in fluorescence microscopy (It) — 6919

***physiology***

aging changes, eff. of hormones — 8644

eff. of age on swelling in acid of perivasc. connective tissue in human lung — 50582

fibroblastic reactions in rat peritoneum (Sp) — 43939

fibroblasts, funct. interrelation with ground substance mucopolysaccharides — 13231

fibrocytic transformation of centrifuged rabbit leukocytes (Ger) — 30260

fibrogenesis, relation to wound healing, biochem. aspects, review — 19865

granulation tissue form. around gelatin sponge implant in rats, eff. of hyaluronic acid (It) — 1945

in normal & pathol. cond. (Tur) — 22372

in protein & water metab. in pregn. (Ger) — 7096

origin & nature of fibrinoid — 568A

permeability of dermal connective tissue, eff. of various proteins (It) — 36705

regen. after exper. caustic lesions, eff. of cortisone (It) — 1974

regen., eff. of cortisone (It) — 1975

spreading reaction, eff. of pH in mice — 34000

water permeation into chick heart fibroblasts in tissue culture — 53493

## CONSCIOUSNESS

disord. caused by CNS deafferentation (Cz) — 38346

in schizophrenia (Rus) — 34774

neurol. aspects (Dan) — 43211

neurol. bases (Dut) — 7312

neurophysiol., relation to central encephalic funct. (Fr) — 41908

physiol. bases, review — 25983

postulational psycho-physical parallelism, definition — 48139

psychophysiol. relation of disord. of consciousness & musc. contraction (Fr) — 31916

relation to higher nerv. activity in dogs (Rus) — 55180

stupor, etiol. & emergency ther., neurol. factors — 15907

twilight states, psychosomatic aspects (Dut) — 43057

unconsciousness, emergency diag. — 42809

## CONSTIPATION

(Sp) — 43927

etiol. & ther. — 15915

physiopathol., clin. & ther. aspects, review (It) — 48749

***etiology and pathogenesis***

amebiasis, ther., licorice extracts (Fr) — 51511

Carica peltata (Ger) — 55576

ganglion-blocking agent in ther. of hypertension, ther., bis(p-acetoxyphenyl)-2-pyridylmethane (Ger) — 45389

***in aged***

ther., cascara sagrada extract-dioctyl sodium sulfosuccinate prep. & dioctyl sodium sulfosuccinate — 42153

***in infant and child***

psychol. factors (Ger) — 8376

ther. (Fr) — 51501

ther., dihydroergotamine (Ger) — 11012

ther., tap-water enema causing water intoxication, relation to dilated & atonic intestine — 23513

with enuresis, phys., psychol. & soc. causes (Dut) — 10573

x-ray ther. of obstinate cases (Sp) — 8727

***in pregnancy***

ther., bis (p-acetoxyphenyl)-2-pyridylmethane (Sp) — 18852

ther., dioctyl sodium sulfosuccinate - diacetyldihydroxyphenylisatin prep. — 35902

***physiology***

— 3377

***surgery***

current status (Ger) — 11013

***therapy***

antibiotics (Fr) — 31103

bis-(p-acetoxyphenyl)-2-pyridylmethane — 26436

bis(p-acetoxyphenyl)-2-pyridylmethane (Fr) — 21328

bis(p-acetoxyphenyl)-2-pyridylmethane in bedfast tuberc. patients (Por) — 49730

cascara alkaloid-dioctyl sodium sulfosuccinate-alginate prep. — 40938

diet & phys. ther. (Ger) — 15333

dioctyl sodium sulfosuccinate, alone & with cascara sagrada extract for postop. management in surg. of colon & rectum — 11817

lactose-mannitol-sorbitol prep. (Ger) — 20329

mineral water (It) — 48753

potassium in atonic constipation (Fr) — 9122

rheogen (Ger) — 4044

veracolate in chronic constipation — 29325

x-ray ther. (Rus) — 10822

***CONSTITUTION see*** **BODY CONSTITUTION**

***CONTACT LENSES see*** **EYEGLASSES**

***CONTEBEN see*** **THIOSEMICARBAZONES**

**CONTRACEPTION**

(Dan) — 1634

(Ser) — 37869

17α-ethinyl-5-(10)-estren-17-ol-3-one, tested by Family Planning Assoc. of Puerto Rico, statist. — 43709

statement of Pope Pius XII — 14219

**CONTRACEPTIVES**

aminopterin as oral contraceptive (Ger) — 6730

cirantin, antihyaluronidase activity — 49992

control in Sweden (Sw) — 22107

control of sale in Sweden & other European countries (Sw) — 10156

creams & jellies, diffusion spermicidal times — 12779

determ. of speed of spermatocidal action by cytometer chamber test — 40266

foam tablets, new method of testing spermicidal action — 17442

in criminal & therapeutic abortion in hosp. (Dan) — 10607

sale by slot machines (Sw) — 22109

**CONTRACTURE**

***see also*** **DUPUYTREN'S CONTRACTURE**

***see also*** **VOLKMANN'S CONTRACTURE**

***complications***

neurol. dis., ther., oral thiocolchicoside (Fr) — 2492

***differential diagnosis***

flexor, in brucellosis simulating Dupuytren type (Rus) — 45212

***etiology and pathogenesis***

hip contractures after above-knee amputation, ther., adjuvant pressure gauge device — 1484

***experimental***

eff. of immobilization on cohesive & elastic musc. properties (Rus) — 48007

***therapy***

appar. for correction of knee-bending contracture (Ger) — 25349

elbow flexion contracture in cerebral palsy, cane for aiding patient's standing balance — 30645

meprobamate, phenobarbital & zoxazolamine in patients of spinal cord. inj., comparison — 25514

phys. ther. in contracture, mobilization technics — 30642

**CONTRAST MEDIA**

***see also*** **BARIUM SULFATE**

***see also*** **IODIPAMIDE**

β-(3-amino-2,4,6-triiodophenyl)-α-ethyl acrylic acid sodium salt in cholecystography — 24656

cistobil in cholecystography, peroral admin. (Ger) — 22894

cistobil, radioiodine-labeled, in cholecystography, absorp. in mice (It) — 19240

cistobil, radioiodine-labeled, in cholecystography, with scintigraphy (It) — 19239

diatrizoate & diprotrizoate, evaluation — 46521

diatrizoate sodium & methylglucamine salt in pulm. selective angiography (Ger) — 22206

diatrizoate sodium & methylglucamine salts with iodipamide methylglucamine in simultaneous cholecystography & urography — 12661

diatrizoate sodium in cerebral angiography — 19014

diatrizoate sodium, placental passage (Ger) — 3750

double contrast technic in x-ray of colon — 11098

ethiodol & diluent in hysterosalpingography — 49485

ethyl iodophenylundecylate in dacryocystography — 33879

ethyl iodophenylundecylate in perimyelography (Cz) — 48654

in angiocardiography, inject. technic — 37638

in carotid arteriography, comparative value & tox. — 14145

in hysterosalpingography, comparisons — 17845

in renal angiography, rabbit kidney tolerance to newer media — 35440

in urography, heterotropic excretion (Ger) — 3615

in ventriculography, indic. & technics (Fr) — 41915

in x-ray diag. of intervertebral disk synd. & low back pain, indic. & technics — 21405

in x-ray of biliary tract, selection — 31253

iodized oil for visualization of lymph nodes & channels — 31635

iodized oil for visualization of voiding efficiency in child. — 41366

iodized oil in ventriculography (Fr) — 35409, 35243, 35244

iodized oil, replacement by barium sulfate-tragacanth mucilage — 38398

iodized oil test for determ. of fat digestion, diag. value (Dut) — 7275

iodopyracet for demonstration of optic nerve (Ger) — 28891

iodopyracet methylglucamine salt in angiography (Ger) — 15338

iodopyracet, radioactive, in kidney funct. test — 50113

iophenoxic acid, comparative value in cholecystography (Ger) — 11171

methiodal in myelography, diag. of intervertebral disk disloc., with discography (Ger) — 3611

propyliodone in bronchography (It) — 29658

propyliodone in bronchography, clin. scope — 8566

selection for inject. into fasciocellular spaces (Rus) — 47872

sodium acetrizoate in cystourethrography — 12664

sodium acetrizoate in urethrography — 12663, 33084, 33085

thorotrast, determ. of thoron content of breath after inject. — 30647

thorotrast in biliary tract, electron-microscopic determ. in mice (Fr) — 48898

thorotrast in double-contrast cystourethrography in dog — 48985

tri-iodated in urography during pregn. & puerperium, clin. study & review (It) — 24966

vesipaque in cholecystography (Ger) — 38446, 42263, 51802

water soluble in bronchography (Rus) — 10817

***effects***

diatrizoate & iodopyracet in cerebral angiography on ECG — 46442

diatrizoate sodium & methylglucamine salts in cerebral angiography, eff. on blood circ. & EEG, comparison with other media (Ger) — 55752

elevation of blood protein-bound iodine levels — 38519

ethyl iodophenylundecylate on CSF following subarachnoid inject. in myelography — 41916

iodized oil on thyroidal radioiodine uptake & blood protein-bound iodine — 50434

iodopyracet in carotid angiography, blood pressure changes in cerebral arteries — 35443

on kidney funct. after large dos. in exper. aortography in dogs — 35447

organic iodide cpds., eff. on radioiodine tracer studies — 30174

sodium acetrizoate & diatrizoate on cerebral circ. in carotid angiography in cats — 35423

sodium acetrizoate on blood pressure & heart rate responses in carotid angiography in cats — 35424

***injurious effects***

embolism caused by iodized oil in hysterosalpingography (Ser) — 51714

in kidney x-ray, review & exper. — 35469

iodized oil & two commercial prep. of propyliodone, on lungs after bronchography, in tuberc. patients, histol. aspects (It) — 3910

iodized oil in bronchography causing relapse in pulm. tuberc., case reports (Fr) — 19358

iodopyracet causing basophil inclusions in tubal wall after inject. (Fr) — 26251

medicolegal aspects (Ger) — 27148

meningeal inflamm. induced by ethyl iodophenylundecylate, inhib. by cortisone & methylprednisolone in rabbits — 52579

oily media in hysterosalpingography, hazards (Ger) — 54345

severe allergic reactions in urinary tract radiography, statist. — 55045

sodium diprotrizoate causing fatal multiple thrombotic episodes, clin.-pathol. conf. — 35720

thorotrast causing cancer (Ger) — 11346

thorotrast causing liver cirrhosis, case report (Sp) — 43881

thorotrast causing local seq. in carotid angiography — 33891

thorotrast causing tumor of liver (Fr) — 18612

thorotrast in pyelography causing late renal lesions (Ger) — 34371

**CONTUSIONS**

larynx, case reports (It) — 37309

paranasal sinuses, compl., diag. & ther. (Fr) — 44564

***complications***

abdom., causing diaphragmatic hernia (Sp) — 25945

cerebral edema following cerebral contusion, ther., cranial decompression (Ger) — 27830

fract., ther., anterior pituitary hormones (Fr) — 38787

***experimental***

with closed fract. eff. of x-rays in rabbits (Rus) — 10792

***therapy***

sleep ther. in brain contusions (Rus) — 9865

**CONVALESCENCE**

mattress design for convalescent care of hip arthroplasty patients — 30339

new kinds of serv. & facilities for contemporary convalescent care — 16251

tests of exertion ability in convalescents of benign infect. (Dut) — 184

**CONVALLARIA**

glycosides, chem., pharmacol. & ther. use (Ger) — 6700

majalis glycosides with cardiac action, isolation & properties (Ger) — 13649

majalis glycosides with cardiac action, pharmacol. (Ger) — 13650

***therapeutic use***

congestive heart failure, mixture (Ger) — 6701

convallatoxin - 7-(3-hydroxypropyl)theophylline prep. in congestive heart failure (Ger) — 52275

**CONVULSIONS**

***see also*** **ANTICONVULSANTS**

***see also*** **EPILEPSY**

***see also*** **SPASMOPHILIA**

differ. diag. & ther. — 50697

hist. of convulsions in epileptics, comparison with convulsions in non-epileptics (Fr) — 54088

psychomotor paroxysms of non-epileptic origin — 39162

***case reports***

epileptiform seizure during unusually low G forces in aviation officer candidate — 50324

epileptoid, caused by cerebral angiography, with hemiplegia (Por) — 38899

***complications***

fract. & disloc., case reports & review (Ger) — 27379

hemiplegia & epilepsy in hemiconvulsions, concept as a synd. (Fr) — 54075

***etiology and pathogenesis***

alcoholic withdrawal synd., relation to vitamin B6 defic. in alcoholics — 20771

brain tumor — 39152

cerebral palsy, statist. — 14558

drug withdrawal (Ger) — 43112

light flickering in television (Dan) — 22427

nitrobenzene pois., EEG (It) 42704

perphenazine ther. causing clonic convulsions after oral admin. 50226

procaine anesth., case report 51355

psychol. & physiol. provocative factors 14051

*experimental*

audiogenic, cerebrocortical factor (Cz) 38188

audiogenic seizures, change of reactivity to stimuli in rats (Cz) 38191

audiogenic seizures, eff. of cortical lesions in rats (Cz) 38189

audiogenic seizures in mice, screening of potential sedatives & tranquilizers 13441

audiogenic seizures in mice, 24 hour periodicity & eff. of lighting 9570

audiogenic seizures in rats, role of cortical acoustic centers (Cz) 38190

audiogenic seizures, neural variations in sensitive & non-sensitive rats (Cz) 38192

convulsant activities of cis & trans isomers of 2-amino-cyclohexanol deriv. 31373

depression of seizure threshold by reserpine & antag. of reserpine action by methylamphetamine in mice 15673

drug-induced, correlation with mortal. at various doses in rats 41288

eff. of brain extract neurokotone in rats (It) 1526

eff. of chlorpromazine (Rus) 49550

eff. of chlorpromazine & reserpine, comparison with phenobarbital (Cz) 38252

eff. of cycloserine on convulsions produced by various analeptics in rats & mice (It) 13948

eff. of electroshock on susceptibility of mice to acid fuchsin convulsions, dependence on blood-brain barrier develop. 17799

eff. of elimination of cortical afferent pathways (It) 19247

eff. of epileptiform reactions in rats on motor region, registration with implanted electrodes (Rus) 23269

eff. of ether convulsions on cerebellum in cat & monkey 27321

eff. of ethyl alcohol on exper. seizures in mice, comparison of single doses & chronic admin. 17950

eff. of lysergic acid diethylamide on cerebrocortical convulsion potential in rabbits (Ger) 30556

eff. of mephenesin on cerebral electrical activity during convulsions in dogs (It) 37433

eff. of mesencephalic & diencephalic stimulation on limbic system seizures in cats 43126

eff. of tranquilizing agents on convulsions in mice 36554

4,4-ethylmethylglutarimide inducing cortical convulsions in cats (Fr) 15154

free nucleotide content of brain in rats during generalized convulsions (Ger) 43003

induced by electric shock, mechanism & eff. on brain & liver amino acids (Ger) 36486

induced by electric stimulation, eff. on double-refractive lipids of adrenal cortex in guinea pigs (Ger) 7090

induced by ethyl ether relation to fat embolism 19801

induced by nicotine, antag. by ganglionic blocking agents in mice 36596

induced by pentylenetetrazole, eff. on conditioned reflex reactions (Cz) 38197

induced by strychnine, EEG (Ger) 36488

induced by withdrawal of meprobamate after exper. addict. in dogs 11648

induction by electrostimulation of reticular substance & periaqueductal substance in cat & rat, EEG & electromyography 5516

induction by exper. cerebellar lesions in rabbits (Fr) 32943

induction by insulin & tolbutamide in mice, comparison & eff. of thyroxin pretreatment on sensitivity (Ger) 38925

mechanism of convulsant eff. of pentylenetetrazole & caffeine on cerebral cortex (Fr) 5763

properties of histamine-induced seizures 44093

strychnine-induced cortical clonus in dogs, eff. of cholinesterase (It) 36772

susceptibility of newborn & adult animals, relation to brain water & electrolyte levels & acid-base metab. 31280

*in infant and child*

48174

anoxic, EEG & differentiation from epilepsy 27317

anticonvulsant ther. 17614

brief seizures, terminol., classif. & differ. diag. from petit mal 5725

caused by 3 day fever with exanthema subitum (Fr) 43810

caused by vitamin B6 defic. 4218

continuous convulsions, ther., intravenous diphenylhydantoin 41793

EEG & clin. correlates, statist. (Fr) 54086

EEG & immediate & late seq. in febrile convulsions in child. under 4 (Fr) 54074

EEG, cardiovasc. & resp. manifest. in anoxic convulsions in inf. & child. (Fr) 54080

EEG during normal sleep in child. under 3 (Fr) 54076

EEG in child. under 3 (Fr) 54072

EEG in febrile convulsions (Fr) 54073

EEG of convulsions in tetany in child. under 3 (Fr) 54078

EEG, statist. (Fr) 54085

etiol. & ther. 9624

etiol., diag. & ther. (Por) 43485

febrile, classif. & ther. (Sp) 8196

in cerebral palsy, with ment. defic. (Dan) 45490

in child. under 4, statist. (Fr) 54087

in first month of life (Fr) 54079

in ment. defic., relation to metab. disord. 43499

in ment. defic., ther., cortisone & ACTH 43500

in premature inf., EEG (Fr) 54084

pneumoencephalography (Rus) 34796

ther., paraldehyde & phenobarbital 43790

***surgery***

electropallidoansotomy 19787

pallidotomy & pallidoamygdalotomy, indic. 23413

***therapy***

ectylurea, in spasticity & seizures in ment. deficients 50862

*COOKING see* FOOD

*COOLEY'S ANEMIA see* ANEMIA, ERYTHROBLASTIC

**COPPER**

copper intra-ocular foreign body, identification by chem. means (Cz) 38308

copper splinters as for. body in isolated bovine vitreous body, electrolytic dissolution 2093

copper sulfate method for determ. of blood proteins 44901

***deficiency***

causing enzootic ataxia in sheep 4640

eff. on heme synthesis 7153

***effects***

chemother. eff. on exper. ectromelia virus & neurotropic vaccinia virus infect. in mice 14095

copper complexes of 8-hydroxyquinoline, pyridine-N-oxide-2-thiol & sodium dialkyldithiocarbamates, fungitoxic eff. 39821

copper glycinate, on membrane & action potential of isolated rat musc. (Ger) 43015

copper N'-(m-sodium carboxyphenyl)-N''-α-allyl-thiourea on exper. tuberc., comparison with dihydrostreptomycin & isoniazid (Ger) 23003

cupric ion content of culture medium on laccase prod. by submerged mycelium of mushrooms (Fr) 37837

cupric sulfate inactivation of auxin action on growth of fungus Nectria (Fr) 3033

induction of resp. defic. in yeast 7203

on blood protein precipitation in various animals (It) 37480

on growth & catalase levels of Corcyra cephalonica in zinc pois. 7235

on Mucor adventitius auriantiacus growth & metab. (Ger) 25314

on zinc tox. in rats 36988

***in blood***

determ., diag. value (Ger) 11016

determinants in rat 753

erythrocuprein, chem. & phys. properties 40539

erythrocuprein, isolation & properties 40538

in normal humans & in certain blood dis., comparison (Rus) 44018

in silicosis (Fr) 47760

in So. African Bantu 54504

relation to p-phenylenediamine oxidase activity of rat blood 49355

umbilical vein blood (Rus) 12127

***injurious effects***

clinitest causing esophageal stenosis 41051

dermatitis caused by copper cpds. from corrosive metal earpieces of eyeglasses 11560

***metabolism***

blood & hemopoietic tissue in acute leukemia (Rus) 6038

copper storage dis. 35650

eff. of biliary duct ligation on blood & tissue copper levels in rats 31301

in inf. nutrition 7860

in mature & immature, normal & pathol. human placenta (Ger) 25198

in normal adults & in normal relatives of patients with Wilson's dis. 4894

yeasts, relation of resp. competence to color develop. & resist. to copper 39290

***poisoning***

caused by carbonated beverages from vending machines, prev. 20886

chronic, in sheep, pathogen. & ther. 4633

chronic, with anaplasmosis, in sheep in Wyoming 4634

simultaneous polarographic determ. of lead, zinc & copper in urine before & after treatment with edathamil (It) 37443

***therapeutic use***

copper & nicotine sulfate mixture in nematode infect. in sheep 30358

***toxicity***

eff. of chronic admin. in sheep 12746

*COR PULMONALE see* PULMONARY HEART DISEASE

*CORAMINE see* NIKETHAMIDE

**CORN**

coleoptile growth, stimulation by natural substances other than 3-indolacetic acid (Fr) 38701

curvature of plant roots caused by culture filtrates of Aspergillus niger 9574

eff. of amino acid supplementation during high-protein diet on nitrogen retention in child. 50959

eff. of amino acid supplementation during medium-high protein diet on nitrogen retention in child. 50960

eff. of corn steep liquor on oxidation of ammonia to nitrite by Nitrosomonas europaea 5098

maize, abnorm. chromosome 10, origin 38479

maize, eff. of alkali treatment on availability of its nicotinic acid & amino acids 28567

maize gruel diet with chlortetracycline supplement in ther. of kwashiorkor 39182

new species from Iran (Fr) 48824

polysaccharides in corn cobs, isolation of 2 new cpds. 1378

synd. resembling kwashiorkor in monkeys fed corn 33053

tryptophan conversion to nicotinic acid, failure to demonstrate by isotope technics 40548

unidentified factor in yellow corn necessary for maximum egg weight in chickens 5539

unsaponifiable oil of corn germ, ther. indic. (Fr) 8230

valine availability to man from corn 5557

**CORNEA**

anat. & pathol. of peripheral cornea 47047

review 46470

tissue culture technic for growing corneal epithelial, stromal & endothelial tissues separately 24574

***abnormalities***

*see also* KERATOCONUS

corneo-lenticular synechia with glaucoma, case reports (Ger) 28874

dystrophia filiformis profunda (Fr) 14494

embryotoxon, posterior, assoc. with slit-like pupil & corectopia 23439

embryotoxon posterius (Ger) 51273

mesodermal dysgenesis of cornea & iris, with oligodontia (Ger) 51270

***anatomy and histology***

cement substance of endothelium 2098

endothelium of zone of transition in region of anterior border of Schwalbe's ring 26065

historadiography (Fr) 13061

transparency changes during rapid hydration in chick embryo 24571

***diseases***

*see also* KERATITIS

allergic reactions in ringworm (Ger) 43354

argyria after silver ther. (Fr) 26358

continuous exposure during postop. recovery causing blindness, prev. 30255

corneoscleral trabeculitis, relation to pathogen. of glaucoma 49387

diag., ther. & research (Fr) 14493

dystrophy, epithelial in rat, ther., gastrointestinal extract 23870

dystrophy, epithelial, manifest. & histopathol. 656

dystrophy, familial, histochem. & histopathol. aspects (It) 1110

dystrophy, macular & lattice types, differ. diag. & pathol. 47018

epithelial disord. caused by chloroquine phosphate ther. 40268

exper. demonstration of keratoconjunctival factor of Shigella by conjunctival inoculation in guinea pigs & rabbits (Fr) 47397

heredofamilial, degen., Reis-Bücklers type (It) 25967

herpes cornea, ther., zinc cauterization, postther. acute anterior disseminated subepithelial cataract of Vogt (Ger) 28902

herpes, ther., prednisolone trimethylacetate (Ger) 28905

interstitial heredofamilial degen. plexiform type, case reports (Fr) 43353

macular degen., with deafness, ECG & audiometric manifest. (Fr) 54022

Micrococcus aureus & Pseudomonas aeruginosa infect., eff. of soframycin in animals 2095

Passow's electrocautery (Ger) 28941

pigmentary flocculi of posterior surface after cataract extraction (Ger) 51272

posterior crocodile shagreen as rare dystrophy possibly resulting from senile degen. 24553

Pseudomonas aeruginosa infect., mechanism of corneal destruction by Pseudomonas proteases in rabbits 24567

surg., new technic using conjunctival flaps 11703

***effect of drugs on***

chloroquine causing epithelial changes 23423

electrolytes on cultures of rabbit corneal cells 24570

epinephrine on glycolysis, mitosis & resp., in rats (Rus) 13866

lidocaine after retrobulbar inject. in anesth., comparison with N-methylpipecolic 2,6-xylidide (Dan) 30215

***embryology***

structural equilibrium during develop., chick embryo study (It) 1982

***in various diseases***

arcus senilis in arteriosclerosis, progn. value (Fr) 43759

***metabolism***

amino acids in cattle, comparison (It) 49332

phospholipoproteins, water-soluble, in calf corneal epithelium, electrophoresis (Ger) 24276

water transport measured with tritiated water in vivo & in vitro 47042

***neoplasms***

acanthoma, case report (Fr) 2415

sclero-corneal junct. caused by soot cancer of skin, case report (Fr) 7075

***pathology***

aberrant lacrimal gland in cornea 101

color change, clin. significance 48209

degen. of nerve fibers following circular coagulation in rabbit (Ger) 43358

endothelial changes caused by inoculation with influenza & Newcastle dis. viruses in rabbits 37565

lipid plaques in keratopathy, similarity to plaques in blood vessels in atheroma 2898

mosaic degen. of lamina elastica anterior, familial, case reports (Fr) 7667

postmortal opacity, role in determ. of death time (Ger) 49115

***physiology***

antigen & antibody precipitation in vivo (Pol) 32172

coalescence of central part after partial separation (Rus) 33288

diurnal cycle of mitotic activity in mice 33550

hydration in fresh water fish, electrophysiol. (Cz) 14825

ohm resist. in fish in hypotonic environment (Cz) 38228

onset of corneal reflex in hypophysectomized tadpoles, eff. of thyroxin 44950

regen. of epithelium, eff. of drugs activating efferent nerve endings (Rus) 3571

senile keratesthesia (Fr) 36147

wound-healing processes 2962

***surgery***

cocaine anesth., eff. of hyaluronidase (Ger) 28929

removal of corneal-scleral sutures with DeWecker scissors 12446

***ulcers***

caused by E. coli hemolytica & Pseudomonas aeruginosa, ther., neomycin & streptomycin (Cz) 14834

rodent, sclero-corneo-conjunctival transpl. (Ser) 51677

rodent, surg., electrocoagulation (Fr) 36149

ther., adjuvant hypnosis (Sp) 32464

ther., Wadsworth-Todd cautery, modified technic 34925

***wounds and injuries***

exper. abrasion, eff. of filtrated total homogenate of earthworms (It) 13138

exper., cicatrization, eff. of asiatic acid glycoside, comparison with corneal extract (Fr) 48872

exper. corrosive burns in rabbits, eff. on vascularization 23849

## CORNEAL TRANSPLANTATION

donor selection by blood type 92

gramicidin-neomycin-polymyxin B solution for prev. of bact. contamination of donor eyes 665

in acute keratoconus, case reports (Ger) 28873

in herpetic keratitis 24541

in vivo storage of grafts 47063

lyophilized homografts & heterografts, clin. & exper. study (Fr) 36144

metab. & healing of corneal graft 23835

metachromasia in host cornea, relation to survival of transpl. (Ger) 46844

penetrating keratoplasty, review 12444

preservation of transplant in paraffin oil (Ger) 28910

procedures for obtaining, processing & sterilizing donor eye in necroporin 37810

reinerv. of graft (Rus) 33515

relation of donor-recipient blood type incompatibility to incidence of success in transpl. 47023

technics & statist. on keratoplasty in Philippino population 17507

technic using punch forceps 23834

***apparatus and instruments***

corneal graft table, description 12449

electrokeratome for dissection of lamellar grafts 47072

***complications***

opacity & necrosis of transplant (Pol) 28839

***experimental***

allergic opacities in transplants (Ger) 51245

epithelial reactivity changes in aseptic intra-abdom. transpl. (Rus) 33289

sclerocorneal grafts in limbic region in rabbits (It) 25970

with tubocurarine & pentobarbital anesth. in rabbit, technic 12452

***CORNS see*** **CALLOSITIES**

## CORONARY DISEASE

***see also*** **ANGINA PECTORIS**

***see also*** **MYOCARDIAL INFARCT**

5891

14663

anat. & surg., review (It) 36830

diag. & ther., role of ballistocardiography 35643

embolism, case reports & review 12333

employment of patients with coronary sclerosis (Cz) 2804

insuff., review (Sp) 29382

risks for insurance & diag. in insurance med. exam. 31243

ther. & surg., review (Sp) 29386

***blood in***

C-reactive protein, in acute coronary insuff. & myocardial infarct (Sp) 8184

cholesterol & lipids in healthy & arteriosclerotic men of different origin & occup. in Israel, relation to dietary habits 13153

cholesterol & phospholipids, correlation in arteriosclerosis (Rus) 18294

cholesterol, eff. of special diets (Rus) 33628

cholesterol, excess, ther., fat restricted diets 21818

determ. of degree of unsaturation of blood lipid fractions 567

glutamic oxalacetic transaminase in coronary insuff. with myocardial necrobiosis without infarction, diag. value (Pol) 8079

lipoproteins in arteriosclerosis, determ. by electrophoresis, comparison with other methods 6452

transaminases & C-reactive protein (Sp) 18858

triglycerides 33058

triglycerides in arteriosclerosis 34870

turbidity test of serum in coronary atherosclerosis (It) 6870

***case reports***

arteriosclerotic, with extension to fundus oculi, kidney & peripheral arteries, etiol. & pathol. (It) 20179

calcification of coronary arteries in pseudoxanthoma elasticum 9785A

clin. pathol. conf. (Sp) 20625

cystic medionecrosis with dissecting aneurysm 11618

dissecting hemorrh. in media of coronary artery 34943

embolism 24338

embolus from calcified healed bact. endocarditis of mitral valve, with subacute bact. endocarditis, clin. pathol. conf. 43159

right coronary artery obstruct. during cardiopulm. bypass in surg. for atrial septal defect 24333

thromboangiitis obliterans, coronary & peripheral (Rum) 6592

with xanthomatosis, postmortem study in siblings 54

***complications***

aortic valve stenosis, incidence (Rus) 20402

arteriosclerosis, with angina pectoris, differ. diag., clin. pathol. conf. (Dut) 52526

arthritis, neurodystrophic (Rus) 45116

cerebral thrombosis & peripheral arterial insuff., case reports (It) 3862

cervical vertebral lesions (It) 52093

diaphragmatic & upper abdom. disord., diag. (Fr) 7050

hypertension in coronary arteriosclerosis (Ger) 18945

of acute coronary closure, diag. & ther. 7458

painful cervico-scapulo-brachial synd. in coronaritis (Fr) 53380

postcoronary compl., differ. diag. in acute abdom. 49989

shock in coronary occlusion, ther. 21802

thrombotic, with shock, arterenol ther. (Dan) 33399

upper abdom. dis. (Fr) 27529

various types of heart dis. caused by coronary atherosclerosis, review (Fr) 9187

***diagnosis***

amyl nitrite test of insuff. (It) 48991

arteriosclerosis, arteriography 28162

ballistocardiography, results after a heavy meal 35644

calcification, x-ray diag. (Rus) 18288

carotid auscultation in left-sided intracardial thrombosis (Ger) 39017

ECG (Rus) 33260

ECG, blood transaminase & pain, review 53865

ECG, P III lead (It) 39649

laboratory diag. by determ. of blood & other humoral factors (Sp) 15500

***etiology and pathogenesis***

atherosclerosis, familial predisposition & relation to hypercholesteremia 42027

factors determining thrombus form. in acute coronary thrombosis, review 53568

fibrinolysis & blood coagulation disord. (Ger) 46036

head inj. causing remote fatal coronary dis. (It) 6920

heredofamilial factors in atherosclerosis (It) 42635

hypercholesterolemia in xanthomatosis 35725

individual constitution in atherosclerosis (It) 42617

ischemia after partial gastrectomy 26142

mast cell excess theory of coronary thrombosis 18469

occup. stress, medicolegal aspects in Argentina (Sp) 39097

occup. stress, review 2511

peptic ulcer causing arteriosclerosis & associated disord. 6502

relation of cigarette smoking & lack of exercise 2512

relation of diet, blood lipids & health of Italian men in Boston 24987

relation of dietary fat in atherosclerosis 52757

relation of dietary fat to pathogen. 38140

relation to blood chem., coagulation, fibrinolysis & diet, racial factors in So. Africa 9830

relation to defic. of dietary essential fatty acids, review 14198

response of fibrin, fibrinolytic capacity & lipids to fats, castration & hormone implants, sex differences in pathogen. 15050

rheum. fever & heart dis. (Rum) 31142

smoking, differences in incidence between Seventh-day Adventists & others, statist. 14543

smoking, review (Ger) 46033

tetanus antitoxin (Ger) 23101

thrombosis (Ger) 46030

vitamin defic. & other nutrients as causative factors in arteriosclerosis, review 55269

***experimental***

air embolism during open heart surg. on left heart, exper. induction & prev. (Fr) 43983

arterial occlusion, eff. of oxygen admin. under pressure in dogs 9620

arterial occlusion, eff. of selected drugs & inorganic ions on ventric. fibrill. & survival in dogs 3371

closed arterial occlusion, eff. of various antifibrill. agents & surg. in pigs 54695

eff. of acute occlusion on movement of Evans blue into different areas of pig heart musc. 12207

eff. of erysimine & strophanthin K (Rus) 49433

eff. of magnesium & potassium chlorides on vasc. hypersensitivity in dihydrotachysterol-sensitized rats 4253

eff. of simultaneous ligation of internal mammary & intercostal arteries on infarct (Ger) 55555

induction in rats by dietary method 31448

left ventric. pressure in acute coronary occlusion in dogs 26488

necrosis & sclerosis, physiopathol. & role of stress, electrolytes & corticoids in prod. (Ger) 44936

regional ischemia in dogs, determ. of myocardial oxygen & correlation with ECG & musc. contraction recordings 15005

thrombosis, eff. of fibrinolysis on infarct develop. in dogs 48699

***manifestations***

acute coronary attacks without classic ECG signs of acute myocardial infarct, review 53569

azrophagy of effort 6150

arteriosclerosis, sympt. in cases terminated by sudden death (Rus) 33245

clin. manifest. of arteriosclerosis of coronary arteries, review (Sp) 39971

***metabolism***

composition of lipids isolated from aorta, coronary arteries & circulus Willisii of atherosclerotic individuals 52369

fat tolerance tests with radioactive triolein in atherosclerosis 38488

***pathology***

acute coronary insuff. without occlusion, terminol.& physiopathol. (Fr) 2293

arteriolosclerosis with focal myocardial myocytolysis & myocarditis in So. Amer. trypanosomiasis (Por) 39986

arteriosclerosis, anat. sequelae (Fr) 44986

arteriosclerotic media constriction & intima disintegration, eff. on vasomotor funct. (Ger) 27502

arteriosclerotic vessels from cadavers after sudden death (Rus) 25758

atherosclerosis in Congolese natives (Fr) 1079

capillaries of intima (Por) 21071

cutaneous petechiae in fatal coronary cases 4883

extra- & intra-myocardial coronary rami in arteriosclerosis, review (It) 25526

heart pathol., statist. (Sp) 1548

hemorrh. of arterial walls, relation to thrombosis & atheroma (Fr) 54619

mast cell counts in myocardium in coronary sclerosis 139

periarterial mast cells in coronary atheroma & thrombosis 5676

***physiology***

arteriosclerosis, collateral circ. in sudden death (Rus) 33244

endocrine factors, review 55390

hemodynamic factors in clin. manifest., review 20533

rheocardiography in insuff. (Rus) 18303

***prevention and control***

possible prophylactic measures for atherosclerosis 41015

***statistics***

arteriosclerosis (Sp) 39444

arteriosclerosis, in Oriental nations 4835

arteriosclerosis, mortal. in various countries, geographic variations 14476

arteriosclerosis terminating in sudden death, autopsy data (Rus) 33246

clin. observations in epidemiol. population studies 46865

in India 2156

in Ireland, in elderly males 2116

in U. S., relation of dietary pattern to arteriosclerosis 16546

internat. distribution, review 53566

morbidity & mortal. in non-socialistic countries, socr econ. aspects (Rus) 18286

mortal. analysed by broad occup. groups 34862

mortal. in Tennessee 51153

mortal. rate,relation to amount of cigarette smoking 38485

pitfalls in interpretation of statist. 12204

post-coronary patients, clin. statist. on middle-aged Swedish males 17984

postop. thrombosis in cardiovasc. surg., statist. 15552

relation to phys. activity of work 37674
37685

***surgery***

(Bul) 41588

(Pol) 53166

abdominalization of heart (Rus) 41527

anat., physiol. & pathol. aspects, review (Ger) 27383

angioplasty, determ. of applicability by postmortem inject. studies 1244

arteriosclerosis 28163

Beck I technic in myocardial ischemia (Por) 6787

Beck operation 50890

cardiopericardio-myopexy, long-term results 42515

current technics in occlusive coronary dis., review 33871

direct surg. relief of coronary artery occlusion 490

exper. anastomosis of coronary with internal mammary arteries 16514

exper., vasomotor & vasoconstrictor eff. of coronary nerve surg. in coronaritis (Fr) 6294

indic. (Fin) 32715

ligation of internal mammary arteries 4013

ligation of internal mammary arteries, Davide Fieschi operation, in coronary insuff., eff. of coronary circ. & pericardial vessels, exper. study (It) 188

ligation of internal mammary arteries, statist. (It) 17513

peritoneopericardiostomy (Rus) 10735

postop. changes in peripheral circ. in legs 35639

preop. & postop. ballistocardiographic evaluation 35638

revascularization by ligature of internal mammary artery technic (It) 27637

revascularization, Fieschi technic (It) 46581

revascularization, indic. & technics 9795
35640

revascularization, technic & ECG control (It) 6788

review 53573

technics in ischemic dis., review 5244

***therapy***

adenosine-p-hydroxyephedrine prep., eff. on ECG (Ger) 42910

Ammi visnaga-Cactus grandiflorus-Crataegus oxycantha-Valeriana officinalis prep. (Ger) 3302

2-p-anisyl-1,3-indandione 2366

anticoagulants in atherosclerosis 48718

anticoagulants in coronary thrombosis, with phenylbutazone (Ger) 46032

anticoagulants, reasons for anticoagulant controversy 49189

atherosclerosis 28446

convallatoxin - 7-(3-hydroxypropyl)theophylline prep. (Ger) 52275

cortisone in acute phase (Ger) 22816

4,4-diethylamino-ethoxy-hexoestrol (Ger) 51808

exercise ther. (Ger) 46034

glyceryltrinitrate ointment (Pol) 8085

khellicor in insuff. (Ger) 19391

magnesium sulfate, in chronic cases with angina or myocardial infarct, indic. & case reports 54508

magnesium sulfate, parenteral admin. 9798

management 3773

mechanism of action of various drugs used in coronary insuff., review 12262

med. & surg. ther. in aged 4429

mild insulin shock in coronary insuff. during neurocirc. asthenia (It) 15248

multimetal aerosol prep. lanthanoi (It) 3726

nikethamide with adenosine (Ser) 32605

oxygen (Rus) 32866

oxygen in coronary insuff. (Rus) 33233

phenoxyisopropyl-nor-p-hydroxy-ephedrine in coronaritis (Fr) 6327

review (Fr) 33412

review (It) 2980

vasodilating drugs in coronary insuff. (Por) 36892

warfarin, statist. 8122

## CORONARY VESSELS

coronary artery perfusion with oxygenated whole blood in open heart surg. under hypothermia 2435

perfusion of coronary arteries as adjuvant in hypothermia in bloodless surg. of right heart (It) 6787

retrograde perfusion of arteries as adjuvant to hypothermia in open heart surg. of ascending aorta 6800

***abnormalities***

anomalous left coronary artery arising from pulm. artery 35618

***anatomy and histology***

arterial wall changes from birth to age 20, histol. study (It) 42494

intercoronary arterial communication in normal heart, post-mortem stereomicroangiography 18125

intercoronary funct. anastomoses in Bantu natives, x-ray manifest. 18419

natural shunts (Dut) 43065

relation of cardiac muscle to coronary sinus, oblique vein of left auric. & left precaval vein in mammals 50298

topographic anat. & funct. aspects of atrial network (It) 47802

topography of coronary arteries in relation to cardiac surg. 18130

***aneurysm***

(Ger) 23022

arteriosclerotic aneurysm with massive rupt. (Ger) 23125

dissecting aneurysm of coronary artery 5661

***effect of drugs on***

(Ger) 38893

acetylcholine & epinephrine, comparison with other vasomotor drugs (Pol) 24059

acetylcholine, arterenol & epinephrine (Sw) 43219

aprophene & diprophene in exper. myocardial infarct (Rus) 3556

arterenol on coronary flow in dogs (Fr) 26869

arterenol, strophanthin & vasodilator drugs on coronary blood flow after acute obstruct. of coronary arteries in dogs (Ger) 55538

chlorpromazine on coronary blood flow in dogs (Hun) 29178

digitoxigenin & strophanthin on blood flow in cat heart-lung prep. (Ger) 30611

dilating action of esters of chromone-hydroxyacetic acid & flavone-hydroxyacetic acid (It) 3546

iproniazid-induced coronary dilatory eff. in rabbits (It) 42689

magnesium on flow in isolated rabbit heart before & after arterenol & epinephrine admin. 36555

mecamylamine on coronary flow in dog 41035

3-methylchromone on coronary flow in dogs (Fr) 32944

quinidine, paradoxical eff. on blood flow in isolated rabbit heart at various temperatures 15674

vasopressin-induced spasm, eff. of brain extract neurostasone, in various animals (It) 36807

vasopressin, iproniazid inhib. of coronary constrictor eff. in rats (It) 42676

xanthines, mechanisms of vasodilat. (Fr) 13484

***embryology***

phylogeny of extracardiac arteries to heart 898

***fistula***

congen., arteriovenous 48510

congen., arteriovenous, review 444

congen., arteriovenous, x-ray manifest. 35445

***in various diseases***

gout (It) 31778

***innervation***

sympathetic & vagus nerves, role in coronary control in cats 53698

vasomotor nerve funct., exper. studies on dogs (Fr) 53408

***pathology***

plastic cast studies in cases of sudden death in cardiacs (It) 47800

***physiology***

circ., determ. in dogs in chronic exper. (Rus) 15769

circ. during arrhythmia, hemodynamics 42833

circ., eff. of arterenol & epinephrine 2925

circ., eff. of auric. & ventric. tachycardia 2923

circ., eff. on myocardial uptake of radiorubidium from coronary blood in dogs 48722

circ., isolated mammalian organs, method & equipment (Fr) 15117

circ., physiol. & anat. determinants, relation to myocardial revascularization 22016

circ., relation to cardiac effort 2926

circ., sympath. & parasympath. mediation 2924

eff. of acoustic & pain stimuli in dogs (Rus) 49536

eff. of acute hemorrh. on coronary blood flow 495

eff. of high fat diet in essential hyperlipemia 35728

eff. of hypoxia on coronary flow 35797

eff. of interruption of coronary circ. on metab. of arrested dog heart 12557

eff. of lung surg. & anoxia in dogs (Ger) 29079

eff. of mechanical irritation of choledochus, arteriography (Ger) 19398

eff. of occlusion on blood pressure (Cz) 48626

eff. of occlusion on blood pressure after admin. of arterenol (Cz) 48627

eff. of stimulation of nerves & humoral eff. on coronary circ. 435

eff. of stress caused by visual & auditory irritation in rats 24834

exper. occlusion causing ventric. fibrill. in dogs, eff. of anesthetization of A-V node 12554

hemodynamics, eff. of exper. tachycardia in intact dogs 4873

reflex eff. of occlusion of coronary venous sinus on circ. & resp., concept of coronary reflex (Sp) 1554

***radiography***

arteriography by suprasternal transaortic technic 48700

***surgery***

curettage in intractable angina, case report 49188

direct-vision coronary endarterectomy for angina pectoris 30118

exper. direct nonsuture anastomosis in dogs 1219

***CORPORA QUADRIGEMINA*** *see* **MESENCEPHALON**

**CORPUS LUTEUM**

biochem. criteria of luteal insuff., review (Fr) 9019

insuff. causing sterility, ther., chorionic gonadotropin (Fr) 3708

***anatomy and histology***

colloid substance (Sp) 25663

***cysts***

massive hemorrh. from bilateral cysts, case report 7610

rupt. simulating ruptured ectopic pregn. (Hun) 51428

***hormones***

*see also* **PROGESTERONE**

*see also* **RELAXIN**

eff. on glycogen form. in rabbit uterus (Ger) 3939

lututrin, ther. of climacteric disord., with equine estrogen 10250

review 4076

***physiology***

degen. in hypophysectomized impregnated rats before nidation (Fr) 26896

eff. of folliculo-thecoma of ovary & uterus on growth (Fr) 26215

eff. of hypophysectomy on 6th day of pregn., in rats treated with progesterone (Fr) 15087

histogenesis of human corpus luteum 52824

survival of corpus luteum in rat, determinants (Fr) 36074

variation in number of corpora in rabbits during superovulation treatment 17229

***CORPUS STRIATUM*** *see* **BASAL GANGLIA**

***CORTICOIDS*** *see* **ADRENAL CORTEX HORMONES**

***CORTI'S ORGAN*** *see* **LABYRINTH**

**CORTISONE**

*see also* **FLUDROCORTISONE**

*see also* **HYDROCORTISONE**

*see also* **PREDNISONE**

enzymatic action of rabbit blood serum on cortisone acetate 9575

mechanism of action, side eff. & ther. indic. (Ger) 47682

ring A reduction by rat liver, eff. of thyroxin, triiodothyronine & thyroidectomy 12549

secretion & eff. in exper. inflamm. in burns (Rus) 37178

***antagonists***

folic acid, liver extracts & vitamin B12 in rats (Sp) 950

***determination***

as 17-ketosteroid after oxidation by bismuth & paper chromatography (Ger) 49906

***effects***

augmentation of glucose tolerance test in diag. of prediabetes 54506

comparison with eff. of parathyroid extract in rats, review 43282

esterase activity in cattle eye in vitro (Ger) 46843

induction of blood protein disord. in rat (Fr) 36614

induction of cleft palate in mouse fetus, reduction with vitamin B6 & folic acid 5211

inhib. of bone healing in fract., protective eff. of 17-ethyl-19-nortestosterone in rat 46598

inhib. of ethyl iodophenylundecylate-induced inflamm. of meninges in rabbits 52579

inhib. of hemoglobin biosynthesis in vitro (Fr) 15123

on acute oliguria in exper. burns in dogs (Fr) 13450

on adrenal cortex in female mice, comparison with hydrocortisone (Fr) 3077

on adrenal glands of newborn mice, admin. with epinephrine (Fr) 3064

on adrenal response to ACTH, alone or with testosterone (Fr) 48896

on adult & embryonic skin homografts in rabbits 47542

on anterior pituitary cytol. in rats (Ger) 3431

on antibody form. & blood proteins (Rus) 52961

on antibody-form. & phagocytosis (Rus) 55767

on antibody form. in rabbits (It) 13515

on antibody response to influenza vaccine in child, with nephrosis 43513

on aspergillosis of lung in mice, with antibiotics 47089

on ATPase activity of influenza virus cultures during different stages of develop. (It) 37304

on basophil count & total leukocyte count in rabbits 35084

on benzene-induced blood disord. in rats (It) 25646

on blood glycoproteins & proteins in trichinosis in rats 3522

on blood hydrocortisone levels 19465

on blood potassium in adrenalectomized rat 47127

on blood pyruvic acid levels in diabetes mellitus, use as adrenal cortex funct. test (It) 27365

on body fluid balance in pituitary insuff. (Ger) 41758

on bone marrow & blood picture in hypophysectomized rats, changes after withdrawal 735

on bronchiolitis fibrosa obliterans in rabbit, pathol. 23461

on cancer growth with simultaneous carcinogen inj. in rabbits (Ger) 30263

on capillary network & circ. in islands of Langerhans in normal & in pregn. rats (It) 49590

on cell division & nucleic acid content (Rus) 37215

on cell multiplication in degenerating spinal tracts in rabbits 16055

on cholesterol & vitamin C content of adrenals in normal & hypophysectomized rats (Ger) 34012

on cicatrization of sutured nerves in rabbits (Ger) 40990

on connective tissue & epithelial regen. (It) 1975

on cytol. of anterior pituitary in rats, with estrogens (Hun) 41627

on deposition of promethium in bones & other tissues of rats 39236

on develop. of bone callus in exper. fract. in rabbits (It) 26596

on diuresis in toads (Fr) 3115

on exper. anaphylactic reaction 25783

on exper. Brucella abortus infect. 31438

on exper. caustic esophageal lesions, behavior of alkaline phosphatases (It) 1978

on exper. caustic esophageal lesions, histopathol. (It) 1974

on exper. deciduoma in rabbits (Fr) 48913

on exper. fetal erythroblastosis, value in prev. & ther. & mechanism of action (It) 44833

on exper. infestation of adult rats by Hymenolepis nana fraterna (Fr) 26688

on fetal growth of rats (Fr) 15650

on form. of talc-induced peritoneal adhesions in guinea pigs (It) 39681

on gamma-irradiation induced hyper-pigmentation in feet of mice 31303

on glucose metab. in rats with aseptic inflamm. (Fr) 26727

on growth of chick embryo cartilage & musc. in vitro 39265

on growth of fructose sarcoma in homologous & heterologous hosts 52302

on growth of lentil plants (Fr) 38743

on growth of primate & nonprimate tissue culture cell lines 38073

on growth of rabbits, admin. during first days of life (Fr) 26900

on hemopoietic system (Rus) 31154

on hepatocyte glycogen & ribonucleic acid content in rats 20723

on heterotranspl. of human tumors to rats & hamsters (Rus) 13862

on hexosamine & hydroxyproline content of liver & other parenchymatous organs in rats (It) 47821

on hexosamine/collagen ratios in rat connective tissues 31381

on histamine secretion in rats (Fr) 24315

on histol. distribution of succinic dehydrogenase in rat adrenal 39198

on hyaluronic acid in rabbit vitreous body 11697

on intramedullary nailing of fract. (Cs) 35041

on involuted zymogenic cells in hypophysectomized rats, admin. with somatotropin & thyroxin 12945

on iodine metab. in normal & thyrotropin-treated rats (Ger) 46590

on ketone prod. in man 4870

on 17-ketosteroid excretion in cancer of prostate & other neoplasms 48552

on limb regen. in salamanders, comparison of doses 49270

on liver, in rats, histol. (It) 47819

on liver interstitial cell proliferation in exper. ethionine pois. in rats 31285

on methylcholanthrene induced epidermal tumors in mice (Ger) 49839

on milk prod. & mammary involution in parturient rats 3415

on morphol. changes of zona glomerulosa of adrenal cortex induced by changes of dietary sodium/potassium intake in rats (Rus) 41633

on nerve-musc. prep. (Rus) 3572

on nitrogen metab. in exper. toxic hepatitis in rats (Rus) 13851

on nutritional value of proteins in rat 29531

on pancreatic amylase prod. 49378

on permeability & segmentation of sea urchin eggs (Sp) 8897

on phosphorus & calcium metab., review (Fr) 25096

on post-hypophysectomy dissolution of bladder calculi in rats 55040

on pyrogenic action of intralumbar pyrexan (Ger) 366

on regen. of amputated limbs in salamanders 3938

on repair of exper. aortic intimal inj. in normal & in hypercholesterolemic rabbits 46496

on resist. of mice to low virulence Pasteurella pestis (Rus) 11484

on resist. to exper. infect. in mice (Ger) 33980

on resp. of eosinophils in vitro (Ger) 33994

on serotonin content in brain of rat (It) 37449

on skin response to x-irradiation in rats (Ger) 45843

on skin spreading reaction & on hexosamine & water content of skin 23992

on sulfate uptake in growing bones of cockerels 39195

on survival time of psittacosis-infected chick embryos 17471

on susceptibility of mice to infect. with mouse hepatitis virus 31315

on syphilis immunity in rabbits (Ger) 15277

on teeth subjected to mechanical movement in rabbit & guinea pig 4803

on teratogenic action of x-rays in rats 37629

on thyroid gland (Rus) 53449

on tissue storage of methylcellulose in rats (Rus) 41613

on transplanted mammary adenocarcinoma growth & metastasis in mice, review 16306

on trichinosis in rats 24700

on triiodothyronine actions on body temperature & oxygen consumption in hypophysectomized & thyroidectomized rats 24032

on tumor growth in x-irradiated mice 53740

on vaginal epithelium of vitamin A defic. rats 20782

protective eff. against skin lesions produced by x-irradiation (It) 9940

stimulation of tryptophan peroxidase-oxidase activity of rat liver, influence of ethionine 49265

teratogenic eff. after inject. into chick embryo & antiteratogenic eff. after maternal inject. of cortisone acetate 18289

***injurious effects***

(Ger) 55390

acute adrenal cortical failure due to previous cortisone ther. 29759

cardiovasculitis after rheum. arthritis ther. (Ger) 11289

Cushing synd. caused by normal replacement doses of cortisone in patient with defective mechanism for steroid degradation 10432

exanthema during cortisone & prednisone ther. of chickenpox in child. (Ger) 25289

fructosuria in child in ther. of jaundice (Fr) 6312

gastroduodenal compl. from cortisone ther. (Fr) 7767

gluteal abscess with epidural abscess during cortisone ther. (It) 51990

hemolytic crisis in ther. of hemolytic anemia (Ger) 27449

hypercortisonism in rheum. arthritis, clin. manifest. & ther. 54850

hypercortisonism in rheum. patient (It) 42693

hypoglycemia, in ther. of rheum. arthritis (Ger) 46196

ment. disord., review (Rus) 46339

neuropsychiatric changes (Rus) 38804

perf. & gangrene of gallbladder in rheum. arthritis ther. 2602

petechial hemorrh. in ther. of scleritis, case report 674

side eff. (Ger) 22844

***related compounds***

catalytic eff. on autoxidation of linoleic acid in vitro (Ger) 3471

cortisone glycinate, biol. eff. on adrenalectomized & on intact hamsters 49263

pharmacol. of cortisone & its deriv. (It) 54208

tetrahydrocortisone, eff. of age & sex on urinary excretion 17045

***therapeutic use***

Addison's dis., with desoxycorticosterone (Ger) 45399

Addison's dis., with desoxycorticosterone glucoside, antag. eff. of small doses (Pol) 43631

adjuvant in pneumonectomy of poor risk pulm. tuberc. 18353

adjuvant in surg. (Ger) 45943

adrenal cortex insuff. in surg. stress cond., precop. & perop. admin., review 27920

adrenogenital synd. in pregn. (Ger) 22758

alcoholic intoxication, clin. & exper. tests (Ger) 35600

allergic thrombopenic purpura, with prednisone (Ger) 15360

antitetanus serum polyradiculitis, case report 3197

arteriosclerosis, clin. & exper. studies (Cz) 44868

asthmic cond., with dehydrocorticosterone & desoxycorticosterone, oral admin. (It) 3715

asthma (Ger) 53306

asthma (Nor) 45423

asthma in child. (Sw) 45354

beryllosis, eff. on pulm. funct. 48404

buric acid pois. in inf. 24892

brain inj. (Fr) 24288

bronchial compl. in primary pulm. lymph node tuberc., comparison with isoniazid & PAS (Fr) 30444

cancer, review (It) 42619

cerebral infarction 40097

colitis, ulcerative 48330

collapse ther. with exudates (Ger) 51694

commun. dis. in child., indic. & limitations, review (It) 20212

commun. dis., indic. & contraindic. (It) 35161

coronary & commun. dis., acute phase (Ger) 22816

corrosive esophagitis, review (Fr) 213

disord. in pregn., indic. & contraindic. (Fr) 44644

edematous laryngitis (Fr) 47473

endocrine dis., cortisone & deriv. (Ger) 39009

erythema nodosum in leprosy (Por) 13617

eustachian tube obstruct., catarrh & transudates, admin., transtympanic inject. (Fr) 29238

eye dis. (Ger) 11003

eye dis., with chloramphenicol ointment (Ger) 46022

gastrointestinal disord. (Fr) 217

gastrointestinal disord., review (Fr) 212

Gyromitra esculenta mushroom pois. (Ger) 53307

Hand-Schüller-Christian synd., report of case with disappearance of bone lesions 50435

Hand-Schueller-Christian synd., with x-ray ther. 11966

hemolytic anemia, idiopathic acquired with auto-antibodies (Fr) 2291

hepatitis & liver cirrhosis (Ger) 38996

hepatitis, infect. in child. (Cz) 14847

hepatitis, viral (It) 36625

hypercalcemia & renal insuff. in sarcoidosis 50205

hypertrichosis in women, eff. on urinary excretion of 11-hydroxycorticoids (It) 3851

impetigo herpetiformis (Ger) 15288

indic., review (Ger) 3283

inflamm. infiltrations in surg. dis. (Pol) 53147

interstitial keratitis (Ger) 34043

labyrinthine deafness, case report (Fr) 36159

leishmaniasis, supplement to streptomycin & antimony 2946

leukemia, acute, with ACTH & chemother. (Por) 3704

leukemia & lymphoma, histopathol. eff. on spleen 20944

leukemia, lymphatic, with chlorambucil & blood transfusions (Fr) 50773

leukemia, massive doses (Sp) 53336

leukoblastosis, case report (Sp) 21117

liver dis. (Sp) 8237

lupus erythematosus, disseminated, review (Pol) 30872

meningitis, meningococcic, tetraspinal admin. (It) 35162

meningoencephalitis, viral with tetracycline & phenylbutazone (It) 44331

mental defic. with convulsions in child., with & without ACTH 43500

multiple sclerosis, comparison with isoniazid with & without streptomycin (Ger) 33866

nephrosis in child., long-term admin. (Ger) 25281

nephrosis, prolonged intermittent ther. 4494

nephrotic synd. (Rum) 6580

nephrotic synd. in child., alone or with ACTH (Cz) 38317

nephrotic synd., with ACTH & testosterone (Fr) 39912

orbital pseudotumors, local admin. (Ger) 28882

osteomyelitis caused by Escherichia freundii in child. (Ger) 24236

pelvic ligneous cellulitis, vesicovaginal fistula & rectovaginal fistula 26375

pelviperitonitis (Fr) 26276

pemphigus vulgaris & other bullous dermatitis, with ACTH, evaluation by Tzanck test (Rum) 37240

pemphigus, with ACTH (Rum) 37239

periarteritis nodosa, with ACTH (Ger) 46104

phenylpyruvic oligophrenia, case report 14564

pleurisy, exudative tuberc. & rheum. pleurisy (It) 44330

prev. of postop. vomiting in tonsillectomy (Ger) 19324

recur. interstitial keratitis, statist. (Fr) 14492

recur. polyneuropathy, with ACTH & prednisone 2019

rheum. arthritis, comparison with gold (Fr) 35225

rheum. arthritis, eff. on blood & bone marrow (Rus) 31153

rheum. arthritis, eff. on blood proteins (It) 31756

rheum. arthritis, eff. on fibrinogen fraction (Ger) 23089

rheum. arthritis, long-term. ther. 35472

rheum. arthritis, substitution of chlorpromazine after long-term admin. of cortisone deriv., clin. study & review (It) 53836

rheum. arthritis, with 6β-chlorotestosterone acetate (It) 31767

rheum. fever, causing activation of dent. infect. 36307

rheum. fever, eff. on visceral pathol. (Sp) 1549

rheum. fever, general response of body & eff. on rheum. lesions (Sp) 25668

rheum. fever, with acetylsalicylic acid (Sp) 1556

rheum. fever, with salicylates (Sw) 45353

rheum. in child. (Rus) 45129

rubeola encephalitis, with hemiplegia 39935

sarcoidosis of spinal cord 50

skin dis. (Ger) 22772

skin dis. (Heb) 27771

39778

sterility, female 49479

sterility, female, tubal (Ger) 49760

subglottic laryngitis in child. (Fr) 36166

submucous fibrosis of palate & oral mucous membrane 50618

tabes dorsalis, analgesic eff. (It) 39513

thiasens (Sp) 53954

thrombopenia caused by circulating platelet-agglutinin with jaundice & infect. mononucleosis, case report 18443

trichinosis, alone & with ACTH (Rus) 45147

trichinosis with encephalopathy 24430

tuberc. (Bul) 32790

tuberc. (Fr) 26178

tuberc. (Ger) 22357

tuberc., miliary, in child., mechanism of action (Ger) 15406

tuberc., pulm. (Por) 21092

typhoid fever, with antibiotics (Rus) 54567

withdrawal synd., review (Ger) 27181

## CORYNEBACTERIUM

acnes as straight rod contaminants of Lactobacillus bifidus cultures 35362

bifidum, symbiosis with Chromobact. prodigiosum in prod. of Hemophilus influenzae after inoculation with metagenetic plate (Ger) 25240

penicillin ethol. agent in Hodgkin's dis. 13238

*effect of drugs on*

antibact. substances on Corynebacterium ovis in guinea-pig skin 14120

antibiotic resist. on virulence (Ger) 22946

*metabolism*

alcaligenes, prod. of 3-ketoglycosides as intermediates in catabolism of disaccharides 47974

insidiosum, blue pigment, prod. & properties 25321

## CORYNEBACTERIUM DIPHTHERIAE

*see also* DIPHTHERIA

antag. against Lactobacillus species in vitro (It) 37429

identification, sugar-impregnated disk method (Ger) 27875

lysogeny & conversion in mitis & mitis-like strains 40855

precipitation reaction on agar, eff. on toxin prod. (Rus) 34657

serol. classif. according to Robinson's & Pomery's standard types (Pol) 29501

serotypes isolated in Poland (Pol) 31526

toxin, eff. on exper. inflamm. induced by non-toxinogenic strains in guinea pigs (Rus) 34653

toxin, eff. on phagocytosis & motility of leukocytes (Pol) 29503

toxin, eff. on resp. in guinea pigs (Rus) 48008

toxin prod., eff. of antibiotics & phage B (Pol) 29512

variability (Uk) 29555

virulence, determ. with dry phosphate-peptone agar (Rus) 55825

virulence, determ. with Lingood's culture medium (Pol) 53210

virulence, increase of, by serial passage in guinea pigs (Ger) 33905

*effect of drugs on*

antiphage serum on virulence 4716

chlortetracycline & penicillin, variability (Pol) 29500

*metabolism*

manganese, methylation (Rus) 1721

polyphosphate accumulation & utilization in synchronized cell division 40451

*CORYZA see* COMMON COLD

*CORYZA see* RHINITIS

## COSMETICS

*see also* BEAUTY CULTURE

*see also* PERFUME

cosmetol. products & procedures for skin & scalp (It) 29801

drugs in cosmetics, classif. & action (It) 6837

hair dyes, determ. of amine content by paper chromatography (Ger) 42831

prev. & ther. of skin wrinkles (Fr) 3158

*injurious effects*

ammonium mercaptoacetate-containing cold wave prep. (Ger) 22989

diethylstilbesterol containing hair lotion, causing pubertas praecox in 4-year old girl (Dut) 7330

mercaptoacetic acid,ammonium salt in permanent wave solution causing dermatitis (Ger) 22949

reactions from indelible lipstick resembling subacute sinusitis 33870

## COSMIC RAYS

eff. of primary cosmic rays on human body, review (It) 19194

fluctuations in levels & correlation with fluctuations in metab. & physiol. activities in various animal species 12525

of atmosphere & hydrosphere, review 36332

of atmosphere during 1957, geographic distribution 21713

*COSTEN'S SYNDROME see* TEMPOROMANDIBULAR JOINT, *diseases*

## COTTON

Monday synd. in cotton mill workers (It) 39386

transm. of Q fever in sewing shops (Rus) 22699

## COTTONSEED

*see also* GOSSYPOL

*effects*

cottonseed oil on choline-defic. weanling rats, comparison with fatty acids & diethylstilbestrol 41235

growth-promoting action of cottonseed meals in rats, influence of bound gossypol 41233

## COUGH

differ. diag. & ther. (Fr) 10683

physiopathol. & diag. of cough with & without expectoration (Sp) 9685

physiopathol. & ther. (Fr) 48361

relation of sale of cough medicines to climatic variations in smoggless area of New So. Wales 6469

tussive syncope, etiol. & manifest. 49392

tussive syncope in pulm. emphysema, etiol. & pathogen. (Rus) 52903

tussive syncope, pathogen. & ther. (It) 38550

*complications*

fract. of ribs, diag. 49618

*experimental*

anesthetics, local, comparison of antitussive action with anesth. of pulm. dilat. receptors & tracheal contact receptors in guinea pigs (Ger) 29883

anti-tussive eff. of 1-o-chlorophenyl-1-phenyl-3-dimethylaminopropanol (Ger) 13847

eff. of Hemophilus pertussis suspensions & endotoxin (Cz) 38240

eff. of protoveratrin A stimulation of stretch receptors in cats (Ger) 37834

eff. on intracarotid blood pressure in animals (Cz) 38255

induced by faradic stimulation of tracheal spur in dog under bronchoscopy (Fr) 36822

*in infant and child*

relation of coughing during whooping cough to etiol. of otitis media (Cz) 14852

*physiology*

in asthma & pulm. emphysema, eff. of isoproterenol-phenylephrine aerosol on air flow dynamics of nasal-oral voluntary cough mechanisms 17016

*prevention and control*

dextromethorphan in diag. & ther. operations of thorax (Ger) 29455

monoethylenoglycol-monomethyl-ether-p-butyl-aminobenzoate, an antitussive agent in anesth. in otorhinolaryngol. surg. (It) 30350

*therapy*

*see also* EXPECTORANTS

carbetapentane in cough ther. & cough prev. in bronchoscopy & bronchography (It) 11821

1-o-chlorophenyl-1-phenyl-3-dimethylamino-propanol (Ger) 33975

51833

chronic cough in smokers, improvement after giving up smoking 1134

cough mixtures, classif. & properties 48309

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

1-dimethylamino-3,3-diphenyl-hexan-4-one 2,6-di-ter-butyl-naphthalene-1,5-disulfonic acid (Ger) 30929
α-(β-dimethylaminopropyl)-α-isopropyl-phenylacetonitrile (Ger) 18918
18950
monethylenglycol-monomethyl-ether-p-butylaminobenzoate 1284
2-triethylamino-1,2-diphenyl-diethylether bromide (Fr) 48821

COUMARIN
*injurious effects*
Christmas dis. 15053
hemorrh. during anticoagulant ther., mechanism review 35194
*related compounds*
*see also* BISHYDROXYCOUMARIN
*see also* ETHYL BISCOUMACETATE
acenocoumarol & other coumarin deriv. on Christmas factor 10333
acenocoumarol, clin. effectiveness 4521
acenocoumarol, clin. trials (Por) 8735
acenocoumarol, combined with phenylindanone in prev. of thromboembolism in surg. (Ger) 54870
acenocoumarol, relation to subcutaneous hematoma form. in anticoagulant ther. after cesarean section (Ger) 3748
acenocoumarol ther. of angina pectoris, long-term admin., review 26512
acenocoumarol, ther. of peripheral arterial dis. 25844
3-aminocoumarin deriv., antibact. eff. (R) 54237
3-aminocoumarin deriv., synthesis & testing for antibact. properties (R) 37294
eff. on prothrombin complex & factors V & VII (R) 6790
furo[2,3-g]coumarin acceleration of tanning 14303
furo[2,3-g]coumarin deriv. in ther. of vitiligo 11576
furocoumarins, spectrophotometry (R) 53833
4-hydroxy-3-phenyl-coumarins & related 3-imides, synthesis & structure 49319
in lemon juice 19676
metab. of coumarin & related cpds. in Penicillium cultures 19530
3-methylchromone, eff. on CNS (R) 27431
3-methylchromone, eff. on flow in coronary vessels in dog (Fr) 32844
methyl p-coumarate identification as metab. product of Lentinus lepideus 25435
3α-4'-nitrophenyl-β-acetylethyl-4-hydroxycoumarin, anticoagulant eff. in thrombotic patients (R) 27759
3-(1-phenylpropyl)-4-hydroxycoumarin, eff. on coagulation factor VII (Ger) 10361
3-(1-phenylpropyl)-4-hydroxycoumarin, intravenous admin. (Ger) 12978
3-(1-phenylpropyl)-4-hydroxycoumarin, pois. causing coagulation disord. (Ger) 39879
3-(1-phenylpropyl)-4-hydroxycoumarin, ther. of thrombosis (Dut) 52475
ther. of thrombosis, control of hemodynamics (Dut) 52484
thiocoumarin deriv., initial eff. on paramecia & photo-oxidation in blood serum (R) 48096
warfarin in coronary dis., statist. 8122
warfarin, intramusc. admin., clin. evaluation 10113
warfarin sodium causing urticaria after admin. for peripheral vasc. dis. 35646
warfarin sodium ther. of thromboembolism 2287
warfarin sodium, ther. use & results of oral admin. 31471
warfarin ther. of thromboembolism, statist. 10839

*COUNTERIRRITANTS see* IRRITANTS

*COWPER'S GLANDS see* GENITALIA, MALE

*COWPOX see* VACCINIA

*COXA see* HIP

COXA VARA
surg. (Dut) 28764

COXIELLA BURNETII
*see also* Q FEVER
disinfection of clothing & other objects (Rus) 34635
dissemination in natural cond. (Rus) 34633
isolation from placentas of women infected many years previously 28401
resist. to various prep. (Rus) 34632
surface disinfection (Rus) 34634
*infections*
changes in virulence of Henzerling strain for guinea pigs after passage in white mice 46775
exper. infect. combined with Brucella suis infect., immunol. aspects in guinea pigs 16884
*metabolism*
adenosinediphosphate, ATP & coenzyme I 5186

COXSACKIE VIRUSES
B, isolation in pleurodynia (Dut) 32770
ECHO-Coxsackie virus type 9 complement fixation reaction (Ger) 34067
eff. of Coxsackie B4 virus on human lipoma in vivo & in vitro (Sp) 8977
hemagglut. activity (R) 13927
in infections, review 54432
pathogenicity in mice after adaptation on plants (Ger) 46106
*culture*
interference of Coxsackie B, polio. & ECHO viruses cultivated in trypsinized monkey kidney cells 25171
*effect of drugs on*
chlorine inactivation in water supply 12645
*infections*
*see also* HERPANGINA
*see also* PLEURODYNIA, EPIDEMIC
A group, exaggeration of paralytic eff. of polio. in monkeys intracerebrally inoculated with attenuated type 1 polio. virus 17345
A outbreak of exanthem with fever & pharyngeal lesions, Toronto epidemic 14679
antibodies of B group, survey in Czech. (Cz) 38168
aseptic meningitis, serol. & clin. manifest. of epidemic outbreak 25166
B, encephalohepatomyocarditis in newborn, infect. in utero 30422
B group, resp. infect. in naval personnel 23312
B virus isolation from blood, CSF & urine, case report 4482
B1, B3, B4, B5, ECG & heart histopathol. in animals (R) 13887
B5 pericarditis in child., case reports 26417
B5 virus causing aseptic meningitis, epidemic in Iowa 808
compl. 34877
differ. diag. & epidemiol. (Ger) 41606
eff. on potassium & sodium in myocardium & skeletal musc. in mice (R) 13983
fatal, in newborn caused by maternal infect. 7620
in newborn inf., review 8336
in newborn inf., transplacental infect., case report 10245
myocarditis, meningoencephalitis & hepatitis in inf., case reports & clin. statist. 159
neonatal myocarditis 18471
parotid gland & other tissue affinity of type A1 viruses in mice 46778
persistence of inapparent infect. among girls in boarding school (Cz) 14789
pneumonia in child., transm. from swine (Dut) 7311

*COZYMASE see* COENZYMES

*CRABS see* CRUSTACEA

CRAMP
*see also* COLIC
hesperidin & vitamin C in nocturnal cramps of leg in menopausal patients 49002

*CRANIAL SINUSES see* VEINS, CRANIAL SINUSES

CRANIOLOGY
phrenology, influence on early Amer. psychiatric thought 24824

CRANIOMETRY
calculation & intervaluation of arithmetical & serial means (R) 36728
reliability of measurements for studying anat. variations 17209

CRANIOPHARYNGIOMA
*manifestations*
compression of optic tracts, case reports (Fr) 26371
x-ray manifest. 53731
*physiology*
52585
*surgery*
(Rus) 55305

CRANIUM
*see also* ETHMOID BONE
*see also* FACIAL BONES
*see also* FRONTAL BONE
*see also* OCCIPITAL BONE
*see also* PARIETAL BONE
*see also* SPHENOID BONE
*see also* TEMPORAL BONE
percussion, diag. value (Ger) 20846
*abnormalities*
*see also* ACROCEPHALY
*see also* CLEIDOCRANIAL DYSOSTOSIS
*see also* HYPERTELORISM
*see also* MICROCEPHALY
(Fr) 15298
brush head with metastatic sympathogonioma, anatomopathol. findings (Ger) 25816
case report 38611
craniofacial malform. with congen. ocular abnorm. (Fr) 7072
craniolacunia with phenylpyruvic oligophrenia, case report 26095
craniostenosis in twins, case report (Sp) 21118
craniostenosis, surg., resection of thickened periosteum with & without craniectomy of posterior tract of skull cap (Ger) 23802
craniostenosis with lipochondrodystrophy & glaucoma in child (Fr) 54117
craniostenosis with vitamin D-resist. rickets 20703
craniosynostosis, clinl. & compl. 23883
craniosynostosis, review 23890
craniosynostosis, surg., linear craniectomy using rubber for wrapping of lateral edges, exper. study 20563
dyscephalia with bird face, microphthalmia & congen. cataract & other multiple deform. as new synd. 11700
in mongolism, microcephalic & acrocephalic ment. defectives, comparison 26089
with dyscephalic hypoplasia in mongoloid, x-ray manifest. (Ger) 35427
*anatomy and histology*
cranio-caudal symmetry in Chordata (Ger) 11358
sutures, clin. & surg. significance (Ger) 29083
sutures, eff. of cerebral expansive processes (Ger) 29082
*diseases*
asymmetry, in musc. torticollis, caused by cervical scoliosis, theory (Ger) 34254
caused by cholesteatoma of inner ear (Fr) 35239
destruction of cranial base caused by aneurysm of internal carotid artery, case report & x-ray manifest. 6491
echinococcosis, case report (R) 31694
fibrous dysplasia 15739
gummatous osteitis, case report 14177
in neurofibromatosis (Ger) 44305
isolated osteodystrophia fibrosa (Rus) 55316
local bulging due to cerebral agenesis 37614
metabolic craniopathy, with progressive musc. atrophy (Ger) 33043
Nocardia infect., case report (Fr) 35497
osteitis deformans, with ment. disord. (R) 32148
osteolysis in Waldenstrom's hyperglobulinemic purpura (Ger) 28947
osteoporosis as early manifest. of osteitis deformans (Fr) 44795
osteosclerotic localization in myeloid splenomegaly (Fr) 10011
*effect of radiations on*
inj. eff. (Rus) 45773
*embryology*
in baboon (Ger) 33923
morphogenesis in birds, mechanical eff. of developing eye 730
*fractures*
depressed fract. of cranial vault, manifest. & ther. 14534
during birth (Dut) 52551
energy, velocity & acceleration factors in cadaveric skull fract. on car instrument panel 22073
frontobasal, with subsequent cerebrospinal fistula (Ger) 2876
post-traum. self-fading CSF otorrhea in child, case report 3351
primary plastic surg. (Rus) 45854
x-ray diag. in inf., technic (Fr) 18012
*in various diseases*
systemic dis., x-ray signs, review 24440
*neoplasms*
angioma, case reports (Cz) 48657
chordoma of basal area (Ger) 55654
meningioma of cranial vault, micro x-ray (Fr) 35420
meningioma, x-ray diag. & differentiation from cerebral meningioma 35425
metastasis of multiple myeloma causing cerebellopontile angle synd. (Fr) 7059
metastatic from ethmoid sinus, orbit & nasopharynx, angiography (Fr) 35422
of foramen lacerum posterius region, x-ray diag. 8552
osteoma, x-ray diag. (Fr) 31112
sarcoma of base of skull with penetration into pons in child, clin. manifest. 49633
*pathology*
in meningeal tuberc. in child., x-ray aspects (R) 53787
new technic for opening cranium in legal med. (Fr) 38189
paleopathol. of Egyptian mummy skull from Roman era (Ger) 33543
suture dehiscence in intracranial hypertension caused by tumors (Rus) 22668
*radiography*
cranial plane for proper positioning (Rus) 45788
in differ. diag. of epilepsy (Por) 51647
paleocraniography of skulls from Patagonia & Tierra del Fuego (Sp) 21771
standard technic in diag. of meningiomas (Fr) 18814
tomography in otitis media, cranial fract. & dysplasia (R) 23913
tomography of base of cranium, nasopharynx & face in diag. of neoplasms & polyps (Fr) 13086

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

*surgery*
craniotomy in operable brain lesions 8085
craniotomy, Kirschner wire fixation of bone plates 12711
craniotomy under neuroleptanalgesia drip anesth. 47337
decompression in cerebral edema following cerebral contusion (Ger) 27830
decompression in trigeminal neuralgia 23794
needle trephine 6182
plastic, acrylic implants, technics (Fr) 13022
plastic, autopolymerizing acrylic implants, indic. (Fr) 13021
plastic, primary & secondary (Ger) 29068
plastic, with palacos, late postoperat. compl. (Ger) 34611
plastic, with tantalum plates, causes of failure (R) 43341
primitive trepanation 10483
trephining among Kisii natives of Kenya, technic 3402
trephining in macrocephaly (Ger) 29064

*wounds and injuries*
alloplasty, comparison of various materials (Rus) 55312
blunt inj. of temporal region by hockey ball causing arteriovenous fistula 2369
causing cochleo-vestibular lesions (R) 47503
causing CSF fistulas with otorrhea & rhinorrhea (Fr) 8335
causing epidural hematoma, prolonged absence of symptoms (Ger) 45961
causing epilepsy, medicolegal factors 14545
causing fract. of stapes, case report 5290
causing nystagmus, early diag. (R) 19270
causing pneumatocele, clin. & x-ray aspects (Fr) 54111
causing subdural hematoma & intradural hemorrh., medicolegal aspects (R) 21462
compl., immediate & late (Fr) 31999
cranioplasty (Rus) 55310
cranioplasty with tantalum (Rus) 55311
diag. & surg. indic. (Fr) 10540
diag. errors (Rus) 33203
frontobasal, indic. for correct technics (Ger) 25342
frontobasal, management (Ger) 25341
in pilots, audiometric findings (R) 19201
minor inj. causing chronic encephalopathy, case report 46493
pathogen. neurotic manifest. (Ger) 23096
repeated blows causing hypertension & [illegible] simulating cerebral hemorrh., case report & medicolegal aspects (Sp) 31839
severe, transportation problems (Ger) 23098
sign of electric shock upon flexion of neck as manifest. of spinal cord inj. in patients with cranial inj. (R) 30300
surg., eff. on lipids in granulocytes (R) 25691
ther., artif. hibernation (Dut) 43030
43031

CRATAEGUS see PLANTS

CREATINE

*determination*
colorimetric Sakaguchi reaction after oxidation by [illegible] reaction (Fr) 36179

*in urine*
excess, in primary chronic rheum. arthritis (Ger) 46192
in aged, eff. of d,1-a-tocopherol acetate on creatinuria in rats (Ger) 27571
in diabetes mellitus, chromatography (R) 20814
in vitamin E defic., eff. of dietary intake of hydrosoluble vitamins, in rats (R) 1539

*metabolism*
eff. of molybdenum in rats 4175
eff. of prolonged fasting in congestive heart failure (R) 30544
in normal & pathol. cond., review (Ger) 30323
in normal & vitamin-deficient rats, eff. of desoxycorticosterone, testosterone, estrone & progesterone (R) 25646
in obesity before & after amino acid loading, eff. of thyroid admin. (R) 27357
in progressive musc. dystrophy in mice 29533
in simple & hyperfunctioning goiter (R) 21426
musc. content in mice, eff. of diet 19615
organ & urine levels in mice with hered. musc. dystrophy 749
synthesis from glycocyamine & phosphoglycocyamine in liver & musc. homogenates (R) 27350
tubular secretion by aglomerular kidney of fish 17324

CREATININE

see also KIDNEY FUNCTION TESTS

*determination*
colorimetric Sakaguchi reaction after oxidation by [illegible] reaction (Fr) 36179
in blood & urine, methods 36993

*in blood*
eff. of bovine somatotropin in man (R) 37412
excess, in intestinal intoxication in chronic & geriatric dis. (Ger) 6734
relation to renal clearance values (Sw) 43217

*in urine*
eff. of age factor in rats 27560

*metabolism*
eff. of molybdenum in rats 4175
in obesity before & after amino acid loading, eff. of thyroid admin. (R) 27357
lean-body mass creatinine coefficient in aged or in chronic dis. 24375
appearance, in various degrees of heat of heart-lung prep. in guinea pigs (Ger) 30694
organ & urine levels in mice with hered. musc. dystrophy 749
yeast cells, extraction from intracellular substance (Fr) 48799

*related compounds*
creatinine-creatinine sulfate, eff. on glucose uptake by rat diaphragm 23340

CREEPING ERUPTION see HOOKWORM INFECTION

CREOSOTE

*effects*
induction of lung tumors in mice 26468
induction of skin tumors in mice 26467

CRESOLS
properties & indust. hyg. standards 12246

*determination*
4,6-dinitro-o-cresol with silica, in organs of corpses (Ger) 36505

*effects*
bis-(o-cresyl) succinate antag. of vitamin E, negative results (Ger) 28853
m-cresolindiacetic acid of [illegible] microbiol. (Ger) 23215
4,6-dinitro-o-cresol on Amoeba proteus form & movement under various cond. of pressure & temperature 30274
4,6 dinitro-o-cresol, on frog skin resp. in vitro, comparison with skins of other animals (Ger) 30549
dinitro-o-cresol on liver metab. in homoiothermic & poikilothermic animals, comparison (Ger) 23079
4,6-dinitro-o-cresol stimulation of lactate prod. in ascites tumor cells, eff. of temperature 31420

*poisoning*
o-dinitrocresol, mechanism, prev. & ther. (Ger) 1578

*therapeutic use*
m-cresoxydiacetic acid in gyn. dis. (Ger) 29410

CRESYL PHOSPHATES

*poisoning*
polyneuritis caused by percutaneous absorp. of tri-o-cresyl phosphate in indust., case report & review (Fr) 54127
tricresyl phosphate (Ger) 48214
tricresyl phosphate, etiopathogen. (Ger) 6070

CRETINISM

see also MYXEDEMA
classif. (Fr) 9127
clin. manifest. & ther. 19818
diag. & ther. 15913
sporadic goitrous, etiopathogen. & ther. 48426
thyroid autoantibodies in families of cretins 50426

*case reports*
sporadic cretinism with other congen. anomalies (Dut) 52499
sporadic goitrous cretinism in newborn 5172
with iodine metab. disord. (Dut) 51489

*complications*
endemic cretinism with intersex. embryopathol. aspects (Sp) 21152
hypercalcemia & nephrocalcinosis (Fr) 25473
iodine conversion disord. (Dut) 51487
thyroglobulin form. disord. (Dut) 51488

*diagnosis*
early diag. 18450
radioiodine tests, case reports (Sp) 44389

*experimental*
compensatory hypertrophy of various glands after unilateral adrenalectomy in cretin rat 20762

*heredity*
familial deafness with non-endemic goitrous cretinism, correlation with protein-bound iodine blood levels 35326

*psychology*
psychoses in adult cretin, [illegible] ther., case report 24634

*statistics*
in Italy (R) 1114
socio-econ. factors 45571

*therapy*
desiccated thyroid in sporadic cretinism with goiter 11901
3,3',5-triiodothyroacetic acid simultan. in sporadic goitrous cretinism 48339

CRICOID CARTILAGE see LARYNGEAL CARTILAGES

CRIME

see also ABORTION, CRIMINAL

see also HOMICIDE

see also JUVENILE DELINQUENCY

see also MEDICINE, LEGAL

see also POISONING

see also PRISONS

see also SEXUAL DEVIATION
adjudication of biol. conditioned aberrations of natural drives by criminal law (Ger) 34201
amnesia in criminal cases, med. & legal aspects 6824
crimes of passion in France (Fr) 27947
ecol. factors 41841
legal distinction between harmful crimes & battery in Italy (R) 42709
punishment of, comparison of pub., criminal & penal. attitudes 19093
relation to decline of father-image & changes in family structure 18362
relation to hypnosis (Ger) 45419
unusual case of male homosexuality & criminal assault (Fr) 1000

*prevention and control*
in France, obligatory determ. of blood alcohol (Ger) 27139

CRIMINALS

see also PERSONALITY, PATHOLOGICAL

see also PRISONERS
alcoholic offenders in Sweden, new legislation on protective treatment (Sw) 54817
arraignment, comm. & confinement of ment. defective delinquents 46985
criminals pleading insanity, problems concerning M'Naghten rule for psychiatrists as expert witnesses 24615
determ. of ment. state of defendant, medicolegal aspects 3184
ment. patients criminally dangerous to society, security measures & medicolegal aspects under Italian law (R) 31693
mental retarded criminals, problems & injustices of legal rights 34471
psychother. (Ger) 35393
relation between developmental age & imputability (R) 25636
simulation of ment. disord. (R) 44348
state hosp. for nonpsychotic criminal offenders, advantages over prison environment 24619
Szondi test of morality of criminal psychopaths (R) 8630
trial of Brit. criminal psychopath Heath 8833

CRIPPLES see HANDICAPPED

CROHN'S DISEASE see ILEITIS, REGIONAL

CROTON OIL see CARCINOGENS

CROTON OIL see CATHARTICS

CROUP
early diag. & surg. (Dut) 52472
hosp. statist. 48337
influenzal & catarrhal, of upper resp. tract (Rus) 7092
non-diphtheritic, etiol. & virol. aspects 35346
pseudocroup, fatal (Nor) 54056

*epidemiology*
in Australia 6476

*etiology and pathogenesis*
psychosomatic factors in predisposition 46933
viral (Fr) 51496

*heredity*
genetic factors, family study 4365

*microbiology*
cytopathogenic virus isolated from non-diphtheritic croup, hemagglut. & hemagglut.-inhib. 25170

*therapy*
steaming laryngotracheitis (Ger) 39446
triton WR-1339 in laryngotracheobronchitis, inhalation admin. 2231

CROUZON'S DISEASE see HYPERTELORISM

CROWN AND BRIDGEWORK

see also DENTAL PROSTHESIS
bridge construction without impressions, technic 28111

CRUSH SYNDROME see ACUTE RENAL FAILURE

CRUSTACEA
amphipod Caprella aequilibra, relative growth of segments & appendices (Fr) 26774
Asellus aquaticus, androgen gland (Fr) 3040
brine shrimps Artemia salina cultured in radiophosphorus-treated sea water, sex difference in radioactivity 52402

Carcinus maenas, analysis of blood protein fractions (Fr) 48794

control of hatching process in barnacles 44040

copepod Cucumaricola notabilis, parasite of holothurian Cucumaria, external features & life cycle 30362

copepod Ergasilus hoeltgeri n. sp., description (Ger) 34305

coupling of membrane potential to contraction in musc. 17975

crabs, electrophoretic analysis of blood proteins (Fr) 48821

electric activity of eye cells of horseshoe crab Limulus polyphemus 24563

excitation at myoneural junction 17971

fresh-water shrimp, host of neotenically developing trematode Orchipedum lenaderi 55568

Gammarus species, resist. to infect. by acanthocephalan worm 25071

inhib. at myoneural junctions 17974

king crab, detection of hexylsine, thiosine, homarine, trigonelline, glycine betaine, choline, trimethylamine, adenine & most of protein amino acids in (Ger) 49903

land crab Gecarcinus lateralis, electron microscopy of fine structure of sinus gland 16951

Lernaea cyprinacea, develop. cycle (Pol) 33768

Megaligia exotica, relative develop. of organs (Fr) 26729

myotatic reflexes in crab claws (Cz) 38186

Oniscoidea, histol. & exper. demonstration of androgenic tissue in (Fr) 38641

Ostracoda cypria, multiplex sex chromosomes (Ger) 48688

Porcellio dilatatus, fertilization inducing ovarian maturity & parturient moulting (Fr) 15064

Sphaeroma serratum, interrelation of various genes in (Fr) 38642

## CRUTCHES

case for elbow flexion contracture in cerebral palsy 30645

two handle adjustment for paraplegics 30377

## CRUVEILHIER-BAUMGARTEN SYNDROME

### *case reports*

(Ch) 38376

38377

(Dan) 1623

(Pol) 43648

### *complications*

splenic vein thrombosis (Ger) 15467

### *etiology and pathogenesis*

infect. hepatitis (Ger) 15466

## CRYPTOCOCCOSIS

### *case reports*

clin. staff conf. 1171

combined cryptococcal & tubere. meningitis with reticulum cell sarcoma 12810

cryptococcal granuloma of brain 5530

lungs, pathol. & x-ray manifest. 8568

with cholecystitis (Por) 53855

### *complications*

granuloma of brain (It) 27670

### *diagnosis*

complement fixation test in early diag. 42088

eff. of volume of inoculum on recovery of Cryptococcus neoformans 50735

### *differential diagnosis*

disseminated, of lungs, differentiation from miliary tubere. (Sp) 53895

### *epidemiology*

in Australia 36974

of CNS in Gt. Brit. 48135

### *manifestations*

arthritis in dog, autopsy findings 4851

meningitis 38035

meningitis & uveitis, postmortem pathol. 87

meningoencephalitis (Ger) 35577

meningoencephalitis, ther., amphotericin B 5532

pulm. (Dan) 43234

torulosis of cauda equina (Ger) 27506

### *pathology*

CNS (Sp) 21169

### *therapy*

amphotericin B 48495

amphotericin B in cryptococcal meningitis 1139

11637

17569

amphotericin B in cryptococcosis of CNS, case reports 11638

## CRYPTOCOCCUS

ash & lipid, feeding to chicks causing accelaration of vitamin E defic. 31368

gastricus, new species, relation to Lipomyces 25135

neoformans, strains isolated in Czech. (Cz) 36588

nigricans, identification & taxonomic classif. 7115

Torulopsis opticola, new species isolated from bees 25133

### *culture*

develop. on oxytetracycline- & chlortetracycline-treated poultry meat 25162

eff. of Cryptococcus concentration on maximum velocity of nutrient utilization in nutrasose solutions in continuously working appar. (Ger) 23637

nigricans, eff. of phys., chem. & nutritional factors 52281

### *effect of drugs on*

metallic ions on inhib. of Cryptococcus neoformans by 8-hydroxyquinoline 17473

## CRYPTORCHIDISM

39436

bilateral abdom., morphol., review (Ger) 23106

clin. & physiopathol. aspects (Por) 39466

etiol. & case reports (It) 27631

physiopathol., diag. & ther. (Por) 4349

### *case reports*

inguinal ectopia of left testis & perineal ectopia of right testis, surg. (Fr) 45573

### *complications*

teratoma of undescendent testis (Ita) 55341

### *etiology and pathogenesis*

embryogenesis in relation to superficial inguinal fascine (It) 1518

### *physiology*

eff. of chorionic gonadotropins on testicular develop., diag. & ther. value (Sp) 8685

### *surgery*

(Bul) 26757

(Ger) 10267

orchidopexy, late postop. develop. of semiomas, case reports 33105

orchidopexy, transseptal technic 33116

postop. develop. of spermatogenesis in adult with bilateral cryptorchidism 10051

### *therapy*

conservative ther., comparison with surg. (Ger) 47497

current concepts 19964

hormone ther., with surg. (It) 25701

*CRYSTAL VIOLET see* GENTIAN VIOLET

## CRYSTALLINE LENS

synthetic medium for lens culture description & eff. of various constituents on cell division in epithelium 24573

### *abnormalities*

aphakia, method of fitting contact lenses 24581

aphakia with spheral displacement of iris, ther., sphincterotomy by solar coagulation (Ger) 28906

corneo-lenticular synechia with glaucoma, case reports (Ger) 28874

spherophakia-brachymorphia synd. with glaucoma, pathogen. & ther. (Ger) 28872

### *anatomy and histology*

fine structure of lens epithelium in guinea pig, monkey, rabbit & rat, electron microscopy 11702

### *diseases*

adhesion of hyaloid membrane to lens capsule, surg. problems in intracapsular cataract extraction 13438

dislocation into vitreous body, extraction method (Ger) 28918

dislocation, surg., extraction technic using Flieringa's steel ring 33837

dislocation, traum. (Fr) 42010

exfoliation, clin. manifest. & pathol. 12441

sublimation following retinal detachment surg. 97

### *effect of drugs on*

cationic & anionic dyes on potential & glutathione content of rabbit lens in vitro 47041

morphine-like drugs in mice 42974

### *effect of radiations on*

dose-eff. relationship in rabbit (Ger) 15871

### *metabolism*

cation transport & hydration, eff. of methylene blue & other dyes in rabbits 47039

chloride, potassium & sodium content in frog lens (Ger) 30525

α-crystallin, determ. of its amino acid composition (It) 1105

β-crystallin, separation technic (It) 1109

hydration in vitro under various exper. conditions 43352

in congen. galactosemia 34916

leucinaminopeptidase & peptidases in cattle (Ger) 23622

protein-protamine complexes in relation to electrostatic & enzymatic actions in aging of lens 47070

sulfhydryl cpds., amperometric determ. (Ger) 34370

transaminase (It) 37492

tripeptide synthesis in calf lens 1660

xylose metab. by calf lens in vitro 1636

### *pathology*

exfoliation of anterior surface of lens without glaucoma 33831

free lens substance causing glaucoma & uveitis 11699

postop. hemorrh. into lens after glaucoma surg. 48214

### *physiology*

absorp. of ultrasound 23686

antigens in chick embryo lens, histo-serol. demonstration 33786

anti-lens sera as mutagen in rabbits 17276

bioelectric potentials of bovine lens 47040

capsule, method for determ. of filtration resist. (It) 13944

immunol. organ specificity of lens 24560

nature of transcapsular potential (Ger) 30524

permeability to crystalloids in vitro & relation to physiopathol. of lens (It) 1104

phys. & biochem. changes with aging (Ger) 45963

regen. after excis. in salamanders, inhib. by isolation of dorsal iris from neural retina 13939

### *transplantation*

technics in rabbits 34930

### *wounds and injuries*

traction folds with deform. of ciliary ring caused by firecracker explosion, case reports 14115

## CRYSTALS

crystallography, contribution of Rita Thomsen (Dan) 1631

intracellular crystals assoc. with viral develop. in vitro 33069

### *in urine*

crystalluria caused by sulfonamides, prev. by acetazolamide 234

*CULDOSCOPY see* ENDOSCOPY

## CULTURE MEDIA

bact. growth in utilized medium (Ger) 25230

egg culture media for demonstration of lecithinase (Ger) 23156

for bact., determ. of reducing sugar content by Schoorl's method (Ita) 41634

MacConkey broth & glutamic acid media for detection of coliform bact. in water, comparison 17397

modified Taroni anaerobic medium (Ger) 23165

new antibiotic assay medium for Enterobacteriaceae & related Gram-negative rods 24446

new differential culture media (Ger) 46274

new medium for determ. of bact. content of milk (It) 54243

pH dependence of dissociation & ionization of calcium hypochlorite & chloramine T ions in various media (It) 10203

Rappaport's medium for bact., evaluation 4891

sterile tissue broth, method for prep. (Ger) 45792

testing for inhibitor-free medium for performing sensitivity tests on sulfonamides 24445

3,3,5-triphenyltetrazolium chloride agar as medium for determ. of E. coli in water (Ger) 25333

## CURARE

### *antagonists*

sulfonated monoxno deriv. of acetylacetanilidoarylides & 3-aminodibenzofuran, biochem. mechanism of tubocurarine antag. (It) 14000

tetraethylammonium restoring eff. on curare-blocked nerve-musc. prep. 23989

### *effects*

enhancement by hydroxydione succinate (It) 37461

on hypothalamus & EEG in cat 27325

d-tubocurarine in cataract extraction, with 5-(3-bromo-allyl)-5-isopropyl-1-methyl-barbituric acid-meperidine prep. 33878

d-tubocurarine induced, hypersensitivity of in vitro myasthenic musc. 52581

tubocurarine induction of general musc. paralysis, failure to respond to neostigmine, mechanism (Pol) 30758

tubocurarine inhib. of rat nerve-musc. prep. in relation to frequency of stimulation (It) 13440

tubocurarine on extinction of avoidance responses in dog 17075

tubocurarine on heat prod. in various animal species (Fr) 54888

d-tubocurarine on isolated muscle spindles of frogs (Ger) 29091

d-tubocurarine, on rats, antag. eff. of neostigmine & pyridostigmine (It) 27629

tubocurarine response in myasthenia gravis patients & in hypersensitive patients before anesth. 23541

### *injurious effects*

apnea in neostigmine-resist. curarization, mechanisms 12865

tubocurarine chloride causing prolonged apnea 35942

### *related compounds*

curarine uptake by end-plates in physostomized mice, eff. of neostigmine & 2-diethylaminoethyl 2,2-diphenylvalerate (Ger) 39917

### *therapeutic use*

continuous curarization in crush inj. of chest., with intermittent positive pressure resp. & tracheotomy, case report 41416



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

maximum curarization in rabies, with positive pressure endotracheal ventilation (Fr) 953

tetanus (Ger) 52265

tetanus, hist. study (Ger) 45987

tetanus, with artif. resp. by electrorespirator (Hun) 7690

thiopental-curare in vaginal deliveries & cesarean sections 52143

d-tubocurarine & controlled resp. in status epilepticus 37737

tubocurarine, repository, adjuvant in labor anesth. 20088

tubocurarine with pentobarbital in corneal transpl. in rabbit, technic 12452

*CURARIFORM DRUGS see* MUSCLE RELAXANTS

**CUSHING SYNDROME**

assoc. dis. & differ. diag. (Fr) 37787

diag. & surg. (Ger) 54368

*case reports*

(Ger) 11163

based on familial adrenal cortical hyperfunct. (Ger) 46804

with acromegaly, bitemporal hemianopsia & mixed basophil & eosinophil adenoma of pituitary (Sp) 9899

with pheochromocytoma (Fr) 41403

*complications*

aldosteronism, with intestinal hyperabsorp. (Fr) 31097

allergic dis., incidence 16518

atrophic skin striae (Ger) 49009

cancer of lung, autopsy data 38392

cancer of ovary, case report 28968

Korsakoff's synd. (Rus) 53459

pulm. streptotrichosis with mesencephalic metastases (Rus) 38831

*diagnosis*

digital vasoconstriction produced by infused arterenol 4670

8-hour Thorn test (It) 42550

*differential diagnosis*

(Heb) 39777

*etiology and pathogenesis*

adrenal hyperplasia, bilateral, urinary adrenal cortex hormone levels (Fr) 9650

adrenocortical hyperplasia (Dut) 1618

cortisone normal replacement doses in patient with defective mechanism for steroid degradation 10432

progressive musc. atrophy (Ger) 33643

*in infant and child*

in 14-month old inf. 36539

with inhib. of growth, case report (Pol) 8066

*in pregnancy*

causing dysraphism in offspring, case report (Sp) 53917

*pathology*

diffuse adrenal lesions, histopathol. 12473

*surgery*

adrenalectomy 1237

adrenalectomy, bilateral subtotal, case report (Sp) 1843

adrenalectomy, preop. & postop. metab. studies & care 18369

indic. (Ger) 29480

*urine in*

17-ketosteroids & 17-hydroxycorticosteroids after ACTH infusion, diag. value (Cz) 38118

17-ketosteroid excretion under basal cond. & during admin. of ACTH & corticoids (It) 3584

17-ketosteroids in Cushing synd. caused by adrenal cortex tumors 31457

reducing steroids, determ. of ratio of low water-soluble/high water-soluble fractions (It) 44328

**CYANATES**

*see also* THIOCYANATES

*effects*

β-naphthylisothiocyanate, on exper. cancer 30032

potassium cyanide, bacteriostatic & fungistatic eff. (Ger) 23155

*therapeutic use*

citrated calcium isocyanate in alcoholism 5240

28149

**CYANIDES**

*see also* HYDROCYANIC ACID

α-cyano-β-(1-naphthyl)acrylic acid deriv., catalytic hydrogenation with failure of products to exhibit oxytocic activity 40384

instillation for removal of cyanide contaminants from indust. sewage (Rus) 39587

methemoglobin & metmyoglobin cyanide complexes, sigmoid shape of dissociation curves around equilibrium (Ger) 33600

*determination*

acrylonitrile in foods & other media, method 28409

*effects*

aminoacetonitrile admin. & its withdrawal on fract. healing in rats 2055

aminoacetonitrile, on healing of exper. fract., alone & with 1-triiodothyronine 16977

2-aminopropionitrile causing skeletal lesions in rats, comparison with eff. of 2-aminoethanethiol 130

β-aminopropionitrile ingestion as possible etiol. of epiphysiolysis of hip in cow, eff. of seasonal variation 35282

β-aminopropionitrile ingestion as possible etiol. of epiphysiolysis of hip in cow, seasonal variations 35283

2,2-diphenyl-4-(4'-ethoxycarbonyl-4'-phenyl)piperidino-butyronitrile on gastrointestinal motility (Fr) 23717

53310

2-isopropyl-2-(3-dimethylaminopropyl)-3-phenylacetonitrile citrate, pharmacol. (Ger) 13648

on biosynthesis of vitamin C by enzyme system from goat liver 35876

on blood pressure & resp. after infusion into CSF in cats & dogs (Ger) 30508

on cytochromes & other resp. enzymes of mitochondria of Arum maculatum spadix 25862

potassium cyanide induction of exper. leukoencephalitis (Sp) 8876

potassium cyanide on protozoon Chilomonas paramecium, adaptation in relation to culture medium 3929

potassium cyanide on Siamese fighting fish, mechanism of resp.-inhibiting action, application to mechanism of lysergic acid diethylamide psychoses in human 72

radiation protection in rats (Rus) 51751

sodium cyanide on brain metab. in rabbits under narcosis (Fr) 15109

stimulation of frog musc., structure-activity relationship (Ger) 33636

*metabolism*

excretion pattern of radiocarbon-labeled cyanide in mice, calculation & estimation of values for humans 51922

*poisoning*

ther., exper. evaluation of cobalt gluconate & cobalt glutamate in dogs (Fr) 3103

*therapeutic use*

α-(β-dimethylaminopropyl)-α-isopropyl-phenylacetonitrile cough ther. (Ger) 18918

18950

mercuric oxycyanide with resin of styrax benzoides for surg. asepsis (Bul) 32796

succinonitrile-hematoporphyrin-methylparafuchsin carbamate prep. in anxiety & depressive states (It) 25627

**CYANOSIS**

*see also* METHEMOGLOBINEMIA

chem. cyanosis, evaluation by improved techniques for hemoglobin analysis 11606

in pulm. stenosis, second shunting operations following failure of original systemic-pulm. anastomoses, statist. 22061

*diagnosis*

various diag. procedures (It) 52100

*etiology and pathogenesis*

reaction to local admin. of gentian violet-methyl green solution (Fr) 2408

41949

*experimental*

eff. of hydrogen peroxide in epicutaneous admin. (Ger) 34025

*in infant and child*

cyanotic attacks in newborn (Fr) 26268

in newborn & inf., caused by congen. diaphragmatic hernia, case reports (Fr) 43742

*physiology*

in chronic pulm. dis., physiopathol. 3787

**CYBERNETICS**

*see also* HUMAN ENGINEERING

applications of computers in med. & biol. 40303

application of cybernetic methods of representation in study of physiol. mechanisms (Fr) 43968

cybernetic interpretation of human behavior as aid in understanding man (Fr) 38807

in neurol., review (Rus) 46327

in psychiatry, review (Rus) 46328

med. importance, review (Pol) 30769

of ocular movement 14107

schizophrenia & cybernetics (Dut) 7333

*CYCLIZINE see* ANTIHISTAMINICS

**CYCLOHEXANES**

*see also* BENZENE HEXACHLORIDE

*determination*

hexachlorocyclohexane in biol. materials, colorimetry (Ger) 43609

shikimic acid, paper chromatography for purification of uniformly radiocarbon-labeled shikimic acid from culture filtrates of E. coli mutants 48455

*effects*

2-aminocyclohexanol deriv., convulsant activities of cis & trans isomers 31373

2-(o-tolyl)-cyclohexanol causing suppression of myocardial contraction 50268

spasmolytic & parasympathomimetic (Cz) 38246

*metabolism*

5-dehydroshikimic acid, enzymic conversion to protocatechuic acid 28257

1,4-dicaffeylquinic acid from artichoke leaves, isolation & pharmacol. properties 36560

quinic acid oxidation by bact. & fungi, aromatic intermediates 17308

**CYCLOPARAFFINS**

*see also* CYCLOPROPANE

*effects*

substituted azulenes on cell division in sea urchin (Fr) 38731

*metabolism*

cyclic alcohols, specificity of oxidation in Acetobacter suboxydans 47718

*therapeutic use*

azulenes in skin dis., topical admin. (It) 20971

azulene-licorice root extract prep. in gastritis (Ger) 7107

azulene prep. in radiodermatitis, with thermother. (It) 31662

1,4-dimethyl-7-isopropyl-azulene in secondary gastritis, results (It) 19180

1,4-dimethyl-7-isopropylazulene solution lavage in maxillary sinusitis (It) 42751

*CYCLOPHORASE see* ENZYMES

*CYCLOPLEGICS see* AUTONOMIC DRUGS

**CYCLOPROPANE**

*anesthesia and analgesia*

eff. of oxytocin in dogs 24766

gas analyzer for rapid estimation of cyclopropane respired during anesth. 24762

in liver dis. (Pol) 20446

in open-heart surg., eff. on EEG patterns 34981

*effects*

induction of arrhythmia, comparative prev. value of manual & mechanical ventilation during anesth. 40264

induction of arrhythmia in anesthetized women by carbon dioxide inhalation or by arterenol or epinephrine 959

induction of arrhythmias in dogs, with epinephrine, protective eff. of pacatal 24759

induction of arrhythmias in dogs, with epinephrine, suppression by chlorpromazine, pacatal, promazine & perphenazine 24760

on liver funct. 54712

*in blood*

solubility in heparinized blood, eff. of hemoglobin concentration 35980

*CYCLOSERINE see* ANTIBIOTICS

*CYCRIMINE see* TRIHEXYPHENIDYL, *related compounds*

*CYSTADENOMA see* OVARIES, *neoplasms*

*CYSTAMINE see* MERCAPTOETHYLAMINES

*CYSTEAMINE see* MERCAPTOETHYLAMINES

*CYSTEINAMINE see* MERCAPTOETHYLAMINES

**CYSTEINE**

reaction with thiosulfate 19570

*effects*

depolymerization of 19S antibodies of normal sera & 22S rheum. factor 15035

S-ethyl-L-cysteine on rat liver regen. 35810

on discoloration of methylene blue solutions by ultrasonics (Ger) 34340

on exper. erythroblastosis in chickens (It) 16031

on musc., eff. of copper sulfate on reactivity (Rus) 32853

on phagocytosis of bact. in vitro 54387

on radiation-induced inhib. of desoxyribonucleic acid synthesis in rats (Ger) 9982

on radiophosphorus-induced inhib. of desoxyribonucleic acid synthesis in normal & hibernating animals (Ger) 32677

prev. eff. on beta ray induction of skin lesions in rats 8820

protection against x-ray induced mitotic inhib. of epithelium cells of small intestine in rats given whole body irradiation 23294

protection of blood proteins & glycoproteins against lethal doses of total-body x-irradiation, in rats (It) 36812

radiation protection, comparison with S,S-thiourea (Ger) 32665

radiation protection in rats (Rus) 51751

radioprotection in reduced metab. (Ger) 9983

*in blood*

in human hemoglobin samples 40492

*metabolism*

replacement of exogenous cysteine by thiazolidinecarboxylic acid 50969

*related compounds*

S-(β-aminoethyl)-cysteine competitive inhib. of lysine utilization by Lactobacillus arabinosus & Leuconostoc mesenteroides, reversal by lysine peptides 13397

S-carbamylcysteine, antitumor activity in mice 45383

cystoic acid, eff. of isoniazid on urinary excretion in rats (It) 37456

S-(dichlorvinyl)-L-cysteine causing aplastic anemia in cattle 1777

β,β-dimethyl cysteine inhib. of E. coli, reversal by isoleucine, leucine & valine 13830

β-β-dimethyl cysteine, ther. of hepatolenticular degen. 46927

53536

β,β-dimethyl cysteine ther. of lead pois., comparison of lead excretion with calcium disodium, intravenous admin. 14691

homocysteine enzymic transmethylation with S-adenosylmethionine in various bact. extracts 1688

α-homocysteine-thiolactone as radioprotective agent in mice & rats (Ger) 10009

promercapturic acids, chromatography & tracer studies of excretion in rats 13708

***therapeutic use***

*L*-cysteine- dl-homocysteine thiolactone-fructose prep. in hepatitis (Ger) 42943

l-cysteine in liver dis., with dl-homocysteine thiolactone & fructose (Ger) 35592

cysteine methyl ester aerosol ther. of bronchitis in aged (Fr) 44712

dl-homocysteine thiolactone, ther. of liver dis., with l-cysteine & fructose (Ger) 35592

***CYSTIC DUCT*** *see* **BILE DUCTS**

**CYSTIC FIBROSIS OF PANCREAS** 27066

celiac dis., etiol. & manifest. (Pol) 8072

celiac dis., review 43523

clin. & genetic aspects (Ger) 39915

diag. & pathogen. 15843

diag. & pathol. 37983

incidence, pathogen. & genetic aspects (Sp) 53946

review 18885

50315

review (Ger) 15846

review & case reports (Sp) 30649

***case reports***

congen. (Rus) 25746

diag., pathol. & nutritional status (Ger) 16369

in adult (Pol) 43635

***complications***

diabetes with unusual pulm. manifest. in adult, case report 14547

rectal prolapse 7402

***diagnosis***

methods (Ger) 34134

sweat tests 31598

sweat test, analysis under standardized cond. 15020

sweat test, value in incomplete types of fibrosis (Fr) 53405

***etiology and pathogenesis***

vitamin E defic., determ. of ceroid pigment in smooth musc. of gastrointestinal system & morphol. changes of striated musc. 7871

vitamin E defic., review 43180

***manifestations***

water-electrolyte disord., review 53008

x-ray manifest. 53717

***metabolism***

disord. (Ger) 18410

***pathology***

hepatosegaly (Fr) 8149

metastatic changes in visceral pleura 51041

***physiology***

duodenal fluid electrophoresis 44150

fat absorp. in fibrosis with & without steatorrhea, measurement with radioiodine-labelled corn oil 7873

intestinal absorp. of bile & fatty acids, radioiodine measurement 7874

salivary gland funct. 38439

sweat, tears & duodenal contents, phys. & chem. characteristics 7872

***therapy***

phys. ther. 53106

**CYSTICERCOSIS**

in white muscle, spontaneous (Pol) 33790

musc. & subcutaneous infect., review & case report (Por) 18830

***case reports***

brain (Rus) 55851

brain, surg. (Den) 43250

corpus striatum, with atrophic liver cirrhosis (Bel) 16438

diffuse (It) 38784

spinal cord (Rus) 55850

***complications***

bladder calculi, case reports 31861

chronic meningitis in brain cysticercosis (Ger) 55642

cyst-wall calcification in intracranial cysticercosis 32497

***diagnosis***

brain, complement fixation (Rus) 55309

***experimental***

mutation hypothesis of exper. carcinogenesis in Cysticercus infestation in rats 13259

***in infant and child***

generalized cysticercosis, case report (Fr) 36193

***CYSTINAMINE*** *see* **MERCAPTOETHYLAMINES**

**CYSTINE**

reaction with mercaptoacetic acid leading to form. of asymmetric disulfide containing InH-cystine 26964

reaction with mercaptoacetic acid leading to mercaptolysis, kinetics 38963

***effects***

on tissue amino acids & α-amino-nitrogen in renal blood (Ger) 34091

protective eff. against dietary liver necrosis, relation to presence of traces of selenium 51924

reversal of resp. decline in necrotic liver degen. in rats 20760

stabilization of heat-sensitive strain of polio. virus 32599

***metabolism***

eff. of cortisone on hepatotropic action of cystine & on synthesis of hepatic glutathione in adrenalectomized protein-deficient rats (Fr) 48884

replacement of exogenous cystine by thiomalthiocarboxylic acid 50969

***CYSTINOSIS*** *see* **METABOLIC DISEASES**

**CYSTINURIA**

diag. & ther. 33131

metab. & genetic factors 8512

review, hered. & report of case with recur. urolithiasis 14652

***blood in***

incorporation of cystine & lysine by normal & cystinuric leukocytes 44119

***in infant and child***

in mentally retarded siblings with atypical osteogenesis imperfecta 46539

**CYSTITIS**

***see also*** **PYELOCYSTITIS**

in female 33091

interstitial 14173

interstitial, clin. & histol. studies. 33114

***case reports***

interstitial, relation to menochism 5435

paracystitis (It) 35586

paracystitis (Rus) 10715

***complications***

fatal generalized peritonitis following chronic obstruct. cystitis, case reports 18148

***etiology and pathogenesis***

irradiation, clin. features & ther. in women 16586

***in infant and child***

causing bladder dysfunct., ther. 18147

ther., 2-sulfanilamido-6-methoxypyridazine (It) 42778

42779

***pathology***

cystitis glandularis 25044

***therapy***

tripelennamine in interstitial cystitis 940

***CYSTOPYELITIS*** *see* **PYELOCYSTITIS**

***CYSTOSARCOMA*** *see* **BREAST NEOPLASMS**

**CYSTOSCOPY**

mouth-, local, with dienine-carbon-glycerin segment in male (Ital) 28706

**CYSTS**

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

***see also*** **BRANCHIOMA**

***see also*** **CHOLESTEATOMA**

***see also*** **FILONIDAL CYST**

***see also*** **THYROGLOSSAL CYST**

chem. composition of cystic fluids (It) 3858

epidermoid cysts of CNS 49629

ganglion of foot, causing plantar neuritis 8114

***case reports***

Malherbe calcified epithelioma (Sp) 8639

Malherbe's epithelioma with multiple lesions 6984

pseudo-milium cysts in retroauricular lupoids (Fr) 24807

trichoepithelioma (Tur) 32997

**CYSTS, DENTIGEROUS**

adamantinoma, diag., pathol. & case report (Por) 50082

diag. & ther., review 30261

***case reports***

deciduous teeth contained in aseptic rhinolith (Sp) 33918

polycystic ameloblastoma of maxilla 7673

pseudosarcomatous phlegmatic conform. of maxilla of dent. origin (It) 1857

recur., odontogenic cysts 43363

unusual case (Sp) 21212

***pathology***

ameloblastoma with squamous cell metaplasia & calcification 35358

cementoma, histopathol. 17869

glandulomaxillary, relation to fusion of embryonal processes & to cleft palates 43368

partial degen. to ameloblastoma (Sp) 21167

proliferative activity 20140

***surgery***

adamantinoma of mandible, curia. & bone autoplasty (Ger) 29101

ameloblastoma 7672

***CYSTS, HYDATID*** *see* **ECHINOCOCCOSIS**

***CYTOCHROME REDUCTASES*** *see* **DEHYDROGENASES**

**CYTOCHROMES**

activities & reaction mechanisms 1667

B & C, tetrapyrrole ring structure, review 9812

c, eff. of coupling with isocyanofluorescein on its activity (It) 37368

c, phosphotungsto-induced release from electron transport particle 44975

review (Ger) 36919

36933

spectral properties in heart tissue 1368

***effects***

c, eff. on brain metab. in rabbits under narcosis (Fr) 15188

c, on disturbances of cerebral metab. induced by prolonged admin. of LSD in rabbits (Fr) 18123

C, on liver homogenate endogenous resp. (It) 37161

c, reduced & oxidized, eff. on catalase action on transfer of peroxide oxygen in vitro (Fr) 38749

***metabolism***

b, in Micrococcus lysodeikticus, solubility 19521

b of succinic dehydrogenase system, titration & inhib. 38274

c, amino acid composition of sample from horse heart 1654

c, eff. of lipophosphatase on activity in rat supernatant (It) 37376

c, eff. of x-rays (Rus) 51771

c in kidneys of normal & irradiated rats 17585

c, in myocardium in exper. anemia in rabbits, eff. of liver extract & vitamin B12 (It) 37386

c in oxygen transfer in parenchyma of unsaturated fatty acids (Fr) 26775

chloroplasts of plants Coelosphaerium & Vicia faba 52309

fluorescent pseudomonas grown in continuous culture, eff. of growth rate & aeration 17298

h, from small Aplysia duplicata 49352

mitochondria of plant Arum maculatum spadix, eff. of cyanides & salicylic A 25883

mitochondria of unfertilized sea urchin eggs 3483

musc., histochem. demonstration in normal & diseases. musc. 23854

Nitrobacter 19504

placenta, a & b metab. in normal & toxemic pregn. (Ger) 25200

Saccharomyces cerevisiae, low-temperature spectral studies on time course of biosynthesis 23413

Thiobacillus, relation to thiosulfate oxidation 13838

***preparation of***

cytochrome cytochrome 551 from Pseudomonas aeruginosa 39814

***therapeutic use***

C in pois. by sulfides, with β-methyl-allyl-glutaric acid imide (Ger) 42288

cytochrome c in cardiotoxicother. in preg. (It) 53681

**CYTOLOGY**

***see also*** **CELLS**

***see also*** **STAINS AND STAINING**

cellular factors in tissue differentiation, review (Rus) 23488

exfoliative cytol. 14785

pregn. 28301

recruitment of cytologists & train. of technicians in France (Fr) 24153

***apparatus and instruments***

Reichert's micrometer eye-piece for cytometry (It) 6763

***history***

(Ger) 25812

develop. as tool in clin. med. & cancer research 24127

***CYTOMEGALIC INCLUSION DISEASE*** *see* **VIRUS DISEASES**

***CYTOPLASM*** *see* **PROTOPLASM**

**CYTOTOXIC DRUGS**

***see also*** **BUSULFAN**

***see also*** **COLCHICINE**

***see also*** **FOLIC ACID ANTAGONISTS**

***see also*** **MERCAPTOPURINE**

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

*see also* NITROGEN MUSTARDS

*see also* TRIETHYLENE MELAMINE

*see also* URETHANE

acetic acid deriv. with high enzymatic oxidation-reduction capacity (It) 38546
antibiotic isolated from Actinomyces, selection of strains (Rus) 36384
beta tyramine & deriv., pharmacol. & antileukemic eff. (Rus) 8261
cytotoxicity in human cell cultures as primary screen for detection of anti-tumor agents 26451
cytotoxicity of anti-tumor agents for normal human & animal cells in 1st tissue culture passage, review 26450
daunomycin, cytotoxic action 7186
ethyleneimino quinones, mechanism of action in exper. cancer (Ger) 47931
Janus green B as antimetabolite during interphase, mechanism of hydrogen-acceptor activity (Ger) 43082
pharmacol. & clin. use (Fr) 53305
review (Sp) 8966
screening of anti-cancer drugs 34174
2-substituted-4-amino-5-hydroxymethyl-thiopyrimidines, exper. evaluation 2672
sulfapyridines (Pol) 28520

*determination*

Miyamura's modified method for detection of oncostatic cpds. in vitro (Pol) 30802

*effects*

6-aminonicotinamide antag. of coenzyme I-dependent enzymatic systems 38081
6-aminonicotinamide, antag. of pyridine nucleotides 16924
6-aminonicotinamide, eff. on oxygen consumption in rat (It) 25584
6-aminonicotinamide on behavior in rats & guinea pigs 5537
6-aminonicotinamide on growth of fibroblasts in vitro (It) 9323
aminopterin & nitrogen mustard inhib. of mitosis in mouse ear epidermis in vitro 27421
4-aminopyrazolo (3,4-d) pyrimidine reversal of cellular damage in HeLa strain 45380
antifolic cpds. on progn. in mouse 10061
azaserine & 6-diazo-5-oxo-norleucine inhib. of uric acid synthesis in birds 12526
azaserine with 2-amino-6-mercaptopurine causing inhib. of ascites cell growth 2690
6-azauracil inhib. of orotidylic acid decarboxylase in tumor tissue as primary site of carcinostatic action 37127
2,5-bis-aziridinyl-3,6-dipropoxyquinone on cancer metab. (Ger) 46135
2,5-bis-aziridinyl-3,6-dipropoxyquinone with N,N-bis-(2-chloroethyl)-N',O-propylene-phosphorodiamidic acid & surg. on DS carcinosarcoma in rats (Ger) 52213
1,6-bis-O-methylsulfonyl-D-mannitol, tumor-inhibiting eff. in rats 19670
S-carbamylcysteine, O-carbamylserine & γ-glutamylhydrazine, antitumor activity in mice 45383
chromin, spasmolytic eff. on isolated guinea pig ileum 49340
comparative cytostatic action of drugs & total pituitary extract alone & combined on Ehrlich's ascites tumor (Ger) 46569
cytostatic eff. 2,5-bis-aziridinyl-3,6-dipropoxyquinone (Ger) 55524
decamethylene diguanidine inhib. of tissue resp. & induction of hypoglycemia in rats 37097
decamethylene diguanidine, on liver, in guinea pigs 5628
determ. of potency by oscillation of intraleukocytic granules 51033
3,6-diamino-10-methyl-acridinium chloride on mitosis in amphibians, review (Hun) 34406
diazotized arsanilate conjugated with blood proteins, eff. on mouse lymphoma cells in vivo 17250
dried thymus cells, inhib. eff. on Walker tumors in rats (Ger) 34222
eff. of various cytotoxic agents (Ger) 30272
ethylene-imino quinones on mouse leukemia & human tumors (Sp) 53335
ethylene phosphoramides, cytopathogenic eff. on Walker 256 rat tumor 2885
Euphorbia amygdaloides extract, on Walker rat carcinoma (Ger) 30024
Euphorbia amygdaloides subfraction of aqueous extract, on Walker rat carcinoma (Ger) 30025
5-fluorouracil on human bronchogenic carcinoma grown in hamster cheek pouch 20747
5-fluorouracil on leukemia in mice 48580
6-(β-indolylethyl)aminopurine inhib. of cell growth & induction of abnorm. forms of mitosis & nucleation in normal & tumor cells (Ger) 39448
late morphol. changes of cells in tissue cultures after treatment with cytotoxic drugs (Ger) 33520
mitomycin C, eff. on growth of various transplantable rat & mouse tumors 30454
mutagenic eff. on immature spermatozoa (Ger) 34166
β-naphthylisothiocyanate, on exper. cancer 30032
new drugs on mice (Ger) 23626
on cellular differentiation of exper. mouse tumors 14781
on exper. sarcoma 45, changes of structural viscosity of desoxyribonucleoproteins (Rus) 33576
on healing of exper. laparotomy wds. (Ger) 29464
on HeLa cell cultures, comparison of eff. of various antitumor substances 16450
on nuclear form. & multipolar mitoses in urodele ovum during segmentation (Fr) 15140
on regen. of tadpole tail 48579
on Sarcina lutea, testing of various drugs of vegetable origin (Bul) 32754
radiomimetic drugs on fertility of male rats 17285
teratogenic eff. of polyfunct. alkylating agents on rat fetus, comparison 43534
tetrahydrokinetin, metab. & inhib. eff. on HeLa cells 39449
tris(1-aziridinyl)-phosphine sulfide inhib. of tumor implants in mice 14755
6-uracil methyl sulfone inhib. of lymphomas & sarcoma 180 in mice 36481
venoms, mitostatic eff., testing by action on germinating seeds (Bul) 31773

*injurious effects*

2,5-bis-aziridinyl-3,6-dipropoxyquinone causing agranulocytosis, prev. & ther. with adenine (Fr) 31763
Gordeev's solution, prev. (Rus) 9868

*metabolism*

azaserine, comparative mode & extent of uptake by 5 strains of ascites tumor 28528
6-azauracil, retention in rabbits 30017
bis(1-aziridinyl)-phenylamino phosphine oxide, distribution in various organs in animals (Rus) 55327
6-diazo-5-oxo-norleucine, concentrative uptake by sarcoma 180, liver & muscle 44085
diethylstilbestrol diphosphate, concentration in prostate tissue, eff. on amount of estrogen recoverable from tissue extracts 55031
5-fluorouracil, enzymic riboside & ribotidation by Ehrlich ascites tumor extracts 13773

*therapeutic use*

(Sw) 10166
A-biostomase in cancer, pharmacol. eff. (Ger) 42905
2,5-bis-aziridinyl-3,6-dipropoxyquinone & 2,5-bis-aziridinyl-3,6-bis-(2-methoxyethoxy)-quinone in cancer (Ger) 52242
2,5-bis-aziridinyl-3,6-dipropoxyquinone & 2,5-bis-aziridinyl-3,6-bis-(2-methoxyethoxy) quinone in xeroderma pigmentosum (Ger) 11232
2,5-bis-aziridinyl-3,6-dipropoxyquinone in advanced cancer (Fr) 19355
2,5-bis-aziridinyl-3,6-dipropoxyquinone in cancer of ovaries, with x-ray ther., statist. (Ger) 8101
2,5-bis-aziridinyl-3,6-dipropoxyquinone in eyelid cancer (Ger) 28933
2,5-bis-aziridinyl-3,6-dipropoxyquinone in Hodgkin's dis. & reticulum cell sarcoma (Fr) 42017
,5-bis-aziridinyl-3,6-dipropoxyquinone in Hodgkin's dis., review & case reports (Fr) 22387
2,5-bis-aziridinyl-3,6-dipropoxyquinone in lymphosarcoma & reticulum cell sarcoma, case reports (Fr) 14385
2,5-bis-aziridinyl-3,6-dipropoxyquinone in otorhinolaryngol. tumors (Ger) 34192
cancer 2642
cancer, comparison with Filatov's biogenic stimulators (Ger) 4033
cancer of breast & female genitalia, with drug & radiother., value & limitations (Ger) 32658
cancer, progr. (Sp) 32433
cancer, regional perfusion using an extracorporeal circuit 13317
cancer, review (Pol) 30722
chloroethylamine, urethane & other cpds. in malignant tumors, statist. (Bul) 16406
Coley toxin in leukemia, clin. & exper. evaluation (Ger) 51035
di- & trihydroxymethylene glycol prep. in chronic erythema (Rus) 48074
diethylstilbestrol diphosphate in prostatic cancer 37665
drug-resist. tumors 13249
Hodgkin's dis. & leukemia during pregn. 11635
leukemia (Ger) 46112
malignant lymph node tumors & other cancer (Sp) 53957
monoxychlorosene in prev. of recur. of cancer of colon & rectum 40950
solid tumors 22806
spiraline in cancer, with sodium iodine (Dut) 15992
tris(1-aziridinyl)-phosphine oxide in advanced cancer (It) 33379
tris(1-aziridinyl)-phosphine oxide, palliation of advanced cancer 5375
tris(1-aziridinyl)-phosphine sulfide in advanced cancer of prostate 33109
tris(1-aziridinyl)-phosphine sulfide in cancer (Rus) 6044
2,4,6-tris-aziridinyl-s-triazine in cancer (Bul) 32759

***DAB see* CARCINOGENS**

**DACRYOCYSTITIS**

*etiology and pathogenesis*

(Cs) 21577

*microbiology*

isolation & identification of pathogen. bact., culture technics 2846

*surgery*

dacryocystorhinostomy 33028

***DACTYLOLYSIS SPONTANEA see* AINHUM**

***DARAPRIM see* ANTIMALARIALS**

***DARIER'S DISEASE see* KERATOSIS FOLLICULARIS**

**DARKNESS**

*effects*

continuous darkness on neurosecretory activity in rats 49256
on adrenal glands of female guinea pigs & rats, maintenance for prolonged periods (Pol) 30385
prolonged exposure on islands of Langerhans alpha & beta cells in rabbit (Pol) 7775

**DATURA**

*see also* STRAMONIUM

aseptic induction of crowngall, participation of nucleic acids in germ-free extract of Agrobacterium tumefaciens (Fr) 47405

**DDT**

control of malarial mosquitoes in Indonesia (Ger) 34470
on Aedes aegypti inherited 47607
water dispersible powders, particle size distribution in relation to dispersibility 4167

*effects*

dusting of underbrush in tick control in epidemic encephalitis endemic areas (Rus) 33645
lethal eff. on frogs after spraying of lake banks for insect control (It) 44803
on acetylcholine content in thoracic nerve cords of cockroaches 48466
on Aedes aegypti, comparison of sensitivity in several strains (Fr) 14451
on Aedes aegypti, increased artif. resist. in adult after larval contact with insecticide (Fr) 14439
on Anopheles aquasalis & Culex fatigans in Fr. Guiana, resist. & sensitivity of larvae (Fr) 36551
on Anopheles in Somaliland, sensitivity studies (It) 9380
on Anopheles, resist. (Ser) 37650
on Anopheles subpictus grassi in India 16281
on Anopheles sundaicus 16285
on aquatic bact., protozoa & rotifers 2558
on Bombyx mori (Rus) 12904
on Culex pipiens fatigans in Fr. W. Africa, sensitivity tests (Fr) 14456
on egg-laying by fly Oscinella frit 52307
on houseflies, dos.-mortal. curves for susceptible & resist. flies 7189
on Latrodectus tredecimguttatus (Rus) 18890
on mites, synergism & antag. with 1,1-bis-(p-chlorphenyl) ethanol & benzene hexachloride (Fr) 38765
on mosquito larvae, protective eff. of ether & carbon dioxide anesth. prior to DDT testing 19493
on mosquitoes, residual eff., comparative field trials with diethylmercaptosuccinic acid O,O-dimethyldithiophosphate & malathion 4163
on pediculi, resist. in strains isolated in typhus endemic areas in Yugosl. (Ser) 27860
on Pediculus humanus humanus, resist., biochem. factors 24702

*injurious effects*

in workers engaged in manufacture & handling of DDT, metab. & serol. findings 11609

*metabolism*

storage of DDT & DDE in persons with different degrees of exposure to DDT 11603

*related compounds*

2,2-bis(p-ethylphenyl)-1,1-dichloroethane, eff. on growth of transplanted mammary carcinoma in mice 26465
DDD, induction of exper. partial adrenocortical atrophy & secondary blood sugar changes (Fr) 26840
1,1,1-trichloro-2,2-bis(p-methoxyphenyl)-ethane metab., eff. of hepatotoxins & metab. inhibitors in rat 36580

**DEAF-MUTISM**

deaf-mute automobile drivers, flicker fusion frequency during long distance ride, comparison with normal drivers (Ger) 48106
eff. on language & speech (Sp) 21095
hist. of train. of physicians in educ. of deaf-mutes in Spain & So. America (Sp) 6620
in Mexico, med., educ. & welfare aspects, hist. & develop. (Sp) 18861 29377 29390 43238 51662
medicopedagogical concepts of educ. of deaf-mutes (Sp) 18957

*case reports*

congen., with prolonged QT interval, syncope & sudden death, 7403
with nanism & retinitis pigmentosa (Fr) 25496

*etiology and pathogenesis*

correlation of goiter, deafmutism & ment. retardation with blood thyroid hormone levels in noncretinous inhabitants of severe endemic goiter area in India 50433

*DEAFNESS see* HEARING DISORDERS

*DEAMINASES see* AMIDASES

**DEATH**

*see also* BURIAL

*see also* CADAVERS

*see also* HOMICIDE

*see also* INFANT MORTALITY

*see also* MATERNAL MORTALITY

*see also* SUICIDE

affective responses to concept of death in child. & early adolescents — 17351

apparent & true death, clin. & exper. research (Fr) — 31091

causes based on clin. diag., reliability & correlation with autopsy findings — 23945

causes of death in surg. of aged, statist. & autopsy findings (It) — 47502

determ. of time by blood platelet count & pH of blood (It) — 6923

determ. of time of death by postmortem changes in blood sugar (It) — 6921

ECG of expiration stages in child. (Ger) — 47645

eff. of impending death on 17-hydroxycorticosteroids in blood — 23507

eff. of mourning for death of relative on child behavior & learning (Sp) — 21236

fear of death — 14354

fear of dying, relation to anality, psychoanalytic theory — 50283

reporting of causes of death to relatives (Sw) — 54825

rigor mortis, eff. of analeptics & narcotics on (Rus) — 39325

rigor mortis, eff. on musc. potassium in rabbits (It) — 42712

rigor mortis exper., eff. of lethal dos. of 2,4-dinitrophenol & 2,6-dinitrophenol on postmortal free amino acid content of organs & tissues in rats (It) — 14002

rigor mortis exper., eff. of lethal dos. of 2,4-dinitrophenol & 2,6-dinitrophenol on postmortal musc. content of lactic acid & pyruvic acid in rats (It) — 14004

rigor mortis exper., eff. of lethal dos. of 2,4-dinitrophenol & 2,6-dinitrophenol on postmortal total buffer capacity of musc. of rats (It) — 14003

senile decay as cause of death, relation to physician's diag. capability (Ger) — 19438

thanatogenesis, CNS pathol. in accid. & violent deaths (Fr) — 35229

two-minute clin. death, changes in higher nerv. activity in dogs (Rus) — 52947

*DEATH RATE see* VITAL STATISTICS

**DEATH, SUDDEN**

*see also* RESUSCITATION

caused by antitetanus serum inject. for dog bite, case report (Fr) — 36096

caused by Asian influenza (Ger) — 27138

caused by being sucked into jet plane motor, mechanism & pathol. anat. (Ser) — 45904

caused by cremor saponis inject. — 55113

caused by echinococcosis of heart, case report (Fr) — 18614

caused by heart dis., review — 5297

caused by pulm. fat embolism in chronic alcoholics with fatty liver — 35229

caused by rupt. of aortic aneurysm into esophagus (It) — 30672

coronary vessel plastic cast studies in cases of sudden death in cardiacs (It) — 47800

from natural causes, medicolegal aspects of adrenal gland changes (Ger) — 27143

idiomusc. swelling causing postmortal hemorrh. (Ger) — 27128

in street traffic, x-ray determ. of causes (Ger) — 27140

unexplained & obscure causes, legal factors — 20468

*in infant and child*

(Pol) — 53167

caused by desquamative pneumonia in inf. (Ger) — 27506

following renal angiography in periarteritis nodosa in 7-year old child., post-mortem diag. (Fr) — 45003

importance in clin. pediatrics (Por) — 52991

in inf. in England — 7039

in inf., relation to meteorol. cond. (Ger) — 13091

in infancy, causes — 8185

— 6553

in tracheostomy caused by postop. air embolism in inf., case report — 17629

with congen. deaf-mutism, prolonged QT interval & syncope — 7403

**DERRIDEMENT**

enzymatic debridement with debricin — 54741

pancreatic enzyme prep. for debridement of infected wds., burns & decubitus ulcers — 867

proteolytic debridement of keratosis palmaris et plantaris using urea — 23367

**DECAMETHONIUM COMPOUNDS**

*therapeutic use*

tetanus in newborn inf., with positive-pressure ventilation — 38849

*DECARBOXYLASES see* DESMOLASES

*DECELERATION see* ACCELERATION

**DECIDUA**

Breus' mole containing 2-month-old fetus, exam. in suspected criminal abortion (It) — 20991

Breus' mole, etiol. & case report (It) — 54249

collagen inclusions in decidual cells (Ger) — 41724

decidual reaction caused by unfertilized ovum in progesterone-treated rats (Fr) — 44625

decidual reaction during luteinic phase or pseudopregn. in rabbits (Fr) — 26672

decidual reaction in rabbits, eff. of cortisone (Fr) — 48913

decidual reaction in rabbit, histol. (Fr) — 26856

eff. of histamine-estrogen-progesterone complex on decidual cell reaction — 17243

exper. form. in non-pregn. guinea pig (Rus) — 1764

induction of decidual cell reaction in pseudopregn. rat by systemic admin. of histamine & histamine liberators — 17239

karyometry in splenectomized rats (Ger) — 33988

nucleolar count of decidual cells, eff. of splenectomy in rat (Ger) — 23077

*pathology*

in ectopic pregn. — 629

*DECIDUOMA MALIGNUM see* CHORIOADENOMA

**DECOMPRESSION**

implosive recompression in aviation — 12046

underwater compression & decompression, med. problems — 3029

*effects*

acclimatization response of pregnant ewe & fetal lamb to diminished ambient pressure — 4655

explosive decompression on blood coagulation time & prothrombin time in rabbits (It) — 9387

explosive decompression on gastrointestinal system, x-ray findings in guinea pigs (It) — 19191

explosive decompression on lungs in guinea pigs, histopathol. (Fr) — 7764

explosive decompression, results of tests in man (It) — 19221

hematol. eff. of explosive decompression in rabbits (It) — 19226

phenomenon of ebullition in rabbits exposed to eff. of low barometric pressure, x-ray aspects (It) — 9388

rapid decompression of aircraft during high speed flight — 4697

simulated rapid decompression from 8,000 to 30,000 feet — 4690

*injurious effects*

osteoarthritis, x-ray diag. in workers (Fr) — 13475

**DECOMPRESSION SICKNESS**

clin. aspects & pathogen. (It) — 15782

cons. (It) — 15781

medicolegal aspects (It) — 15785

resist. of professional Navy divers, methodol. study — 34840

*blood in*

proteins (It) — 15790

*case reports*

postmortem histopathol. — 126

severe dysbarism in actual & simulated flight, follow-up — 55129

*etiology and pathogenesis*

pathogen. of caisson dis. & other barotrauma, especially osteomyoarthralgic types (It) — 15791

*manifestations*

neurol. (It) — 15783

ophthalmol. aspects in cases due to explosive decompression (It) — 19229

otorhinol. (It) — 15784

*pathology*

aseptic necrosis of bone — 26058

resp. funct. changes in caisson workers (It) — 15789

skeletal changes in caisson workers, x-ray (It) — 15788

*prevention and control*

(It) — 15786

eff. of narcotics & sedatives on form. of intravasc. bubbles in fliers (Ger) — 40174

*therapy*

(It) — 15787

decompression ther. in indust. med. center, results (It) — 42226

*DECOMPRESSION, SURGICAL see* CRANIUM, *surgery*

**DECUBITUS ULCER**

etiol., prev. & ther. — 20598

in paraplegics, ther. & prev. (It) — 42740

prev. & ther. in non-hospitalized patients (Fr) — 39772

*complications*

hemorrh. of popliteal artery secondary to decubitus ulcer on bone irregularity of osteomyelitic femur (It) — 25615

*etiology and pathogenesis*

(Fr) — 31080

paraplegia (Ger) — 34302

pressure factors in ischial ulcers — 13489

*prevention and control*

dorsal stands for spica cast — 50803

*therapy*

in paraplegia — 6449

massage, technic & results (Fr) — 54893

med. & surg. (Fr) — 17650

**DEFECATION**

*see also* CONSTIPATION

*see also* FECES

bowel negativism in psychogenic megacolon — 1418

encopresis in boy, cure by psychother. of mother (Ger) — 55574

encopresis in child., electric shock ther. with lumbosacral contact (Sp) — 21138

encopresis in child., psychol. — 42168

establishment of proper bowel funct. by drinking a pint of water — 39580

incontinence in child. (Ger) — 49087

incontinence, neurogenic, in child., surg., transpl. of gracilis curis (It) — 9300

incontinence, plastic & reconstructive surg. — 53545

normal defecation habits — 24613

vasc. eff. of stool straining — 24362

*DEFENSE MECHANISMS see* BEHAVIOR MECHANISMS

**DEFICIENCY DISEASES**

*see also* KWASHIORKOR

*see also* VITAMIN DEFICIENCIES

clin. manifest. & ther. — 50615

eff. of long period of dietary defic. on phys. & ment. characteristics of prisoners of war (It) — 19218

malnutrition, significance in surg. dis. (Ger) — 11156

post-gastrectomy edematigenous complex defic. synd., ther., potassium orotate with vitamin E (It) — 25631

*case reports*

with liver cirrhosis, chronic suppurative pancreatitis & pancreatic abscess (Sp) — 44504

*complications*

asystole, in Moroccans (Fr) — 42012

chronic shock, clin. & humoral manifest. (It) — 26588

malnutrition causing cardiovasc. dis., review (Ger) — 29795

multiple sclerosis with malnutrition (Ger) — 22974

*experimental*

research on pathogenic mechanisms in animals — 24365

*in infant and child*

malnutrition, blood amino acid levels — 36530

malnutrition, chronic, lipid metab. (Sp) — 48080

malnutrition, chronic, protein metab. (Sp) — 48081

malnutrition, epidemiol. & prev. program planning (Sp) — 48084

malnutrition in Mexican child. under 5 years of age, classif., manifest. & eff. on growth (Sp) — 48078

malnutrition, third-degree type, in Mexican child. under 14 years of age, autopsy findings (Sp) — 48089

malnutrition, third-degree type, ther. (Sp) — 48085

malnutrition, third-degree type, with acute electrolyte balance disord. & multiple infect. in 3-year-old child (Sp) — 48088

malnutrition, third-degree type without edema or skin lesions of pellagra, ther. & recovery synd. (Sp) — 48086

nutritional edema, acetazolamide ther. (Fr) — 14444

relation to anemia (It) — 20214

severe chronic malnutrition in preschool child. of Mexico, eff. on water & salt metab. (Sp) — 48079

*manifestations*

parotid gland hypertrophy (Sp) — 44517

*DEFORMITIES see* ABNORMALITIES

*DEFORMITIES see* MONSTERS

**DEGENERATION**

degenerative dis. — 16686

degenerative dis. in aged, ther., ginseng-royal jelly prep. (Ger) — 19061

hyalinosis of renal glomeruli induced by lead pois. in rats (It) — 37152

in hypopharyngeal diverticulum — 35340

systemic degen. caused by cerebellar hypoplasia in child. — 5498

*DEGENERATION, CEREBROMACULAR see* AMAUROTIC IDIOCY

**DEGLUTITION**

device for intra-esophageal & other intra-lumen pressure recording — 6213

in utero in anencephalic fetus (Fr) — 26213

*physiology*

cardiovasc. responses, age factor (Rus) — 49535

motor activity of cricopharyngeus musc. — 6212

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

**DEGLUTITION DISORDERS**

Plummer-Vinson synd., relation to upper digestive tract cancer 2660

*case reports*

caused by lingual atrophy after ligation of external carotid for cervical ganglion exeresis during laryngectomy (It) 52111

dysphagia in megaesophagus with rheum. (Fr) 36648

*complications*

emaciation, differ. diag., clin. pathol. conf. (Dut) 52485

*etiology and pathogenesis*

dysphagia after vagotomy 51136

dysphagia due to osteoarthrosis of cervical spine 38003

esophageal cancer, limited diag. value of predysphagic sympt. (Sp) 43871

Plummer-Vinson synd. 24983

polio. causing paralysis of deglutition, otorhinolaryngol. aspects, review (It) 19269

retained meat in esophagus, management 46475

taberc. of axis causing dysphagia 41062

**DEHYDRATION**

*see also* THIRST

pathophysiol. & ther. & relation to acute renal failure (Pol) 30780

review 38843

*blood in*

electrolytes in thermal dehydration (Pol) 30787

proteins (Pol) 30789

*effects*

on cardiovasc. responses to passive tilting in humans 16833

*experimental*

blood vasopressin activity in dehydrated dogs (Hun) 29176

eff. of blood transfused from dehydrated dogs on renal funct. (Hun) 29175

eff. of lowering of serum osmolality by water ingestion on diuresis in dehydrated men 5358

eff. on neurosecretory material in desert rats, comparison with laboratory rats 50527

eff. on taste sensitivity in man 19484

increased aldosterone activity in dehydrated dogs (Hun) 29177

osmotic activity of cells during mixed dehydration in horse (Fr) 26860

sodium loss from skin of dehydrated toad 52353

*in infant and child*

(Sp) 51622

caused by adrenocortical failure, fluid ther., review 53007

diag. & ther. (Sp) 44851

hosp. statist. & serv. at Roberto del Río Children's Hosp., Santiago, Chile (Sp) 21097

hypernatremic, review 53005

serum & plasma ther. (Sp) 31014

ther., rehydration center in France (Fr) 3175

*metabolism*

tendon sodium & chloride spaces, relation to water content in rat 35817

*physiology*

blood viscosity & arterial & venous pressures (Pol) 30790

mechanism of fluid & electrolyte loss in vomiting, gastric suction or pyloric obstruct. & application to ther. of dehydration 24609

salt depletion & potassium loss in, review 52997

*therapy*

technics 4199

*urine in*

aldosterone in thermal dehydration (Pol) 30797

**DEHYDROGENASES**

*see also* SUCCINIC DEHYDROGENASE

acyl dehydrogenases, isolation & properties of stable complexes with acyl Co A 16904

alcohol dehydrogenase & glyceraldehyde-3-phosphate dehydrogenase, inactivation by x-rays 52317

alcohol dehydrogenase from rice shoot, eff. of aeration on activity 1391

alcohol dehydrogenase in determ. of blood alcohol (Ger) 49109

alcohol dehydrogenase of liver, kinetics & equilibria, review 35553

alkaline pyridine nucleotide transhydrogenase from beef liver extracts, purification & properties 21726

amino acid oxidase activity in insects, role in arginine oxidation (Fr) 3073

L-amino acid oxidase from turkey liver, deamination of hydroxylysine (Fr) 13753

amino acid oxidase in insect tissues & relation to arginine metab. (Fr) 26296

amino acid oxidase, oxidation of L-arginine in Limnaea stagnalis (Fr) 15114

δ-aminolevulinic acid dehydrogenase, eff. of x-rays in vitro (Pol) 23585

butyryl dehydrogenase, nature of green color & color change upon complex form. with acyl Co A 16905

choline dehydrogenase solubilization & assay 37120

choline dehydrogenase, soluble, isolation from rat liver & properties 1716

choline oxidase system in rat liver, determ. of components 9606

citric & succinic dehydrogenases in fetal & maternal liver & placenta in various stages of pregn. (It) 37353

cystine desulfhydrase activity in mouse tumor tissue 16919

cytochrome c reductase, isolation of triglyceride cofactor from bovine myocardium 4745

cytochrome reductase interactions with nucleotides 4781

diaphorases in rat liver mitochondria 1708

dihydrofolic acid reductase from chicken liver, properties & partial purification 16925

dihydroorotic dehydrogenase from Zymobacterium oroticum, purification & properties 40498

diphosphopyridine nucleotide cytochrome c reductase of mammals, role of vitamin E as cofactor 4746

diphosphopyridine nucleotide isocitric dehydrogenase-pyridine nucleotide transhydrogenase system in placenta, structural specificity of estrogen cofactors 4747

diphosphopyridine nucleotide oxidase, reduced in lettuce seeds 7157

enzyme substrate complexes of diphosphopyridine nucleotide-linked aldehyde dehydrogenase of yeast (Sp) 8987

estradiol-17β dehydrogenase isolation from placenta, characterization & assay 4748

glucose oxidase as reagent in micro determ. of blood galactose 32225

glucose-6-phosphate & 6-phosphogluconate dehydrogenase activities of arterial tissue, eff. of aging 50584

glucose-6-phosphate dehydrogenase & 6-phosphate gluconic dehydrogenase in liver, eff. of massive doses of nicotinamide in rats (It) 37510

glucose-6-phosphate dehydrogenase & phosphohexonic dehydrogenase activities in exper. tumor tissues (It) 37511

glucose-6-phosphate dehydrogenase in rat breast at end of lactation (Ger) 23620

glutamate dehydrogenase in calf & chicken liver, determ. of sulfhydryl group content & funct. in 40506

glutamic acid dehydrogenase catalyzing reductive amination of α-ketovaleric acid (Ger) 25895

D-glutamic acid dehydrogenase from octopus hepatopancreas, purification & properties 13794

glutamic acid dehydrogenase in rat & dog tissues, comparison of activities 15581

glutamic acid dehydrogenase of bovine liver, determ. of zinc as essential component 4749

glutamic dehydrogenase & coenzyme I system, oxidation-reduction capacity (Fr) 48933

glutamic dehydrogenase in liver of rats fed 3'methyl-4-dimethylaminoazobenzene, eff. of adrenalectomy & desoxycorticosterone 2675

glutamic dehydrogenase, molecular form & polymerization (Fr) 26782

glutathione reductase, clin. significance (Por) 3695

glutathione reductase of mammalian tissue, properties & mechanism of action of purified reductase 37113

glyceraldehyde dehydrogenase in rat liver (Ger) 23062

glyceraldehyde-3-phosphate dehydrogenase & lactic dehydrogenase complexes with coenzyme I, determ. of fluorescence changes 40505

α-glycerophosphate dehydrogenase, relation to resp. chain in brain mitochondria 1396

α-glycerophosphate dehydrogenase, solubilization & assay from animals tissues 13780

α-glycerophosphate oxidase from rat liver mitochondria, enzyme properties (Ger) 27851

α-glycerophosphate oxidase of flight muscle mitochondria, reaction factors 16933

α-glycerophosphate oxidase system in rabbit musc., determ. of components 9606

hydrogenase, induced synthesis by Hydrogenomonas facilis 17297

β-hydroxybutyric dehydrogenase, study of mechanism of hydrogen transfer by using deuterium oxide 4775

α-hydroxysteroid dehydrogenase as catalyst for transhydrogenation of pyridine nucleotides 13833

α-hydroxysteroid oxidoreductase, funct. as transhydrogenase between coenzymes I & II with 3α-hydroxysteroids as coenzymes 16909

in mitochondria 13794

in Mycobacterium lepraemurium 4333

in various ocular tissues, classif., histochem. & biochem. studies & review (It) 13137

α-ketoglutaric dehydrogenase from hog heart, activity as catalyst for reversible oxidation of reduced coenzyme I by thioctic acid, reaction mechanisms 40565

α-ketoglutaric dehydrogenase of mitochondria, inhib. eff. of steroid hormones, relation to hormone structure (Fr) 38735

α-ketoglutaric dehydrogenase oxidation mechanisms, role of thioctic acid 40566

20-keto-reductase isolation from Streptomyces hydrogenans & properties (Ger) 49912

lactic acid dehydrogenase, excess in benign pericarditis (Dut) 1617

lactic acid dehydrogenase, inactivation of aqueous solutions by ionizing radiations 23279

lactic & malic dehydrogenases in developing chick embryo, activity & distribution 37052

lactic dehydrogenase activity of body fluids in cancer, diag. significance of changes 40538

lactic dehydrogenase activity of human semen 31369

lactic dehydrogenase activity of rat brain in relation to age & strains 50921

lactic dehydrogenase, comparative patterns in blood & tissue extracts in liver dis. & myocardial infarct 32246

lactic dehydrogenase, determ. of zinc & sulfhydryl group content (Ger) 25880

lactic dehydrogenase, fluorescence activation spectra of complexes with coenzyme I & lactate 9573

lactic dehydrogenase in ascitic fluid in patients of malignant ovarian neoplasms (It) 42570

lactic dehydrogenase in blood & blister fluid in dermatoses (Ger) 3235

lactic dehydrogenase in body fluids, colorimetric measurement 511

lactic dehydrogenase in body fluids, review (Heb) 3976

lactic dehydrogenase of umbilical cord blood & amniotic fluid, relation to glycolysis of fetal tissues (It) 24959

lactic dehydrogenase of yeasts, purification & properties 37126

lactic dehydrogenase prod. in tissue culture of normal, transformed & malignant human cell lines 20753

lipoic acid dehydrogenase from pig heart musc., identity with diaphorase I 13824

malic dehydrogenase I & reduced diphosphopyridine nucleotide cytochrome c reductase activity in rat liver, eff. of choline & protein defic. 16301

malic dehydrogenase determ. in liver microsomes 52447

mandelic acid dehydrogenase localization in Pseudomonas fluorescens 4340

monodehydroascorbic acid reductase isolation & activity in chloroplasts 47933

nitrate-reductase adaptation in E. coli, eff. of nitrite 25142

phosphoglyceraldehyde dehydrogenase combined with coenzyme I, liberation of energy (Fr) 26783

3-phosphoglyceraldehyde dehydrogenase, hydrolytic activity 16928

pyridine nucleotide dehydrogenase reactions, stereospecificity of hydrogen transfer 49471

pyridine nucleotide diaphorases, cytochem. technics for mitochondrial localization in tissue sections 40588

pyridine nucleotide-linked dehydrogenases, cytochem. technics for mitochondrial localization in tissue sections 40589

reduced diphosphopyridine nucleotide cytochrome c reductase of microsomes, enzymic activity, composition & phys. properties 47958

reduced diphosphopyridine nucleotide-linked oxidase hydroxylation of steroids, activation by vitamin C (Ger) 1683

resp. carriers in oxidation of hydrogen & lactic acid in facultatively autotrophic Hydrogenomonas ruhlandii 25411

ribitol dehydrogenase from Aerobacter aerogenes, purification & properties 38238

sorbitol dehydrogenases in ram spermatozoa 19550

steroid- 4-hydrogenases of rat liver 44083

succinate cytochrome c reductase of porcine myocardium, reactivation by various chemicals after isooctane extraction 37117

ternary complexes with reduced coenzyme I & reduced substrates, fluorescence spectra of complexes 1692

xanthine oxidase activity of liver, eff. of dietary protein levels in rats 40082

xanthine oxidase-catalyzed oxidations, role of metals in 1686

xanthine oxidase, eff. of N-benzyl-N-p-carboxyphenylhydrazine & aldehyde deriv. (It) 27433

xanthine oxidase, funct. of its bound iron in internal electron transport 40525

xanthine oxidase, mammalian, action on 2-aminopurine 47940

*antagonists*

anti-lactic dehydrogenase, purified, prep. & properties 28435

reduced diphosphopyridine nucleotide oxidase inhib. by antimycin A & pentobarbital in mammalian & mosquito sarcosomes 13807

*deficiency*

glucose-6-phosphate dehydrogenase, causing familial hemolytic anemia, hered. aspects (Ger) 18336

*determination*

assay of estradiol-sensitive pyridine nucleotide transhydrogenase 48547

xanthine oxidase assay by measurement of its sulfite-oxidizing action 40525

*effects*

D-amino acid oxidase action on D-lysine 13770

antitumor & biochem. eff. of purified bovine xanthine oxidase in mice 18861

xanthine oxidase on adenine 1-N-oxide in vitro 40514

xanthine oxidase on release of ferritin in vivo, mechanism 40698

*in blood*

lactic acid dehydrogenase, eff. of myocardial infarct & heart surg. (Ger) 23023

lactic acid dehydrogenase in alcoholism, comparison with glutamic oxalacetic & pyruvic transaminases (Sw) 54815

lactic acid dehydrogenase in cancer (Ger) 33964

lactic dehydrogenase activity in pregn. & in newborn inf. 47001

lactic dehydrogenase after graded myocardial infarct in dogs 48719

lactic dehydrogenase, clin. significance 19977

lactic dehydrogenase in child. with Duchenne musc. dystrophy & their immediate relatives 41260

lactic dehydrogenase in myocardial infarct., diag. value (Ger) 43243

lactic dehydrogenase in myocardial infarct diag. value of determ. 5235

46869

lactic dehydrogenase in various dis., clin. & exper. research (Por) 49726

lactic dehydrogenase of mammalian erythrocytes, form. of complex with coenzyme I & lactate 14612

lactic dehydrogenase of mammalian erythrocytes, inhibitors 14610

lactic dehydrogenase of mammalian erythrocytes, mechanism of substrate inhib. 14611

lactic dehydrogenase stability at various temperatures 15035

malic dehydrogenase, determ., normal values & diag. value (Sp) 41777

xanthine dehydrogenase, est. or hepatocarcinogens in rat 49354

DELIRIUM

*diagnosis*

postop., physiopathol. classif. & ther. (Fr) 54459

Wartegg drawing test in chronic delirium (Fr) 41920

*etiology and pathogenesis*

nitrogen metab. disord. & autointoxication (Rus) 34705

*DELIRIUM TREMENS see* PSYCHOSES, ALCOHOLIC

DELIVERY

*see also* BIRTH INJURY

*see also* CESAREAN SECTION

*see also* DYSTOCIA

*see also* EMBRYOTOMY

*see also* EPISIOTOMY

*see also* LABOR

*see also* LABOR, PRESENTATION

by Thierry spatula, comparison with forceps (Fr) 8034

forceps, eff. on inf., EEG & clin. aspects (It) 42772

forceps, indic. & technic 38591

forceps, past & present concepts 903

forceps, statist. in Malaya 18786

forceps, using scalp traction (Ger) 3751

immediate eff. on portio of uterine cervix 49504

incision of cervix before full dilat. 5577

management in U. S. (Ger) 22824

maximum rotation facility of fetal head (Ger) 3252

relation of blood volume change to measured external blood loss at normal delivery 35260

vacuum extractor, indic., value & limitations (Fr) 27695

vacuum extractor, Malmström's, indic. & technic (Ger) 44937

version, indic. & technic 38593

*complications*

locking of twins, case report 31835

DELUSIONS

*see also* HALLUCINATIONS

acute psychotic episodes with delusional manifest., clin. aspects, diag. & ther. (Fr) 27346

as preliminary stage of presenile psychosis (Fr) 48413

delusional transference in psychoanalytic ther. 4382

of flying saucers as manifest. of mass hysteria 914

primordial state (Fr) 15810

psychoanalytic interpretation of people who think themselves Christ 8405

psychoanalytic theory, review (Fr) 44648

*case reports*

delusional eroticism (Fr) 36142

with aphasia 49628

*etiology and pathogenesis*

brain inj., clin. & psychopathol. aspects (Fr) 48414

*DEMENTIA PRAECOX see* SCHIZOPHRENIA

*DEMENTIA, PRESENILE see* PSYCHOSES, PRESENILE

*DEMEROL see* MEPERIDINE

*DENDRITES see* NEURONS

DENGUE

*etiology and pathogenesis*

review 39173

DENTAL CARIES

*see also* DENTAL CAVITIES

eff. of natural fluorides on incidence in Georgia cities 53670

in macroscopically intact grooves & fissures, microradiographic aspects 50136

incidence in relation to chloride content of human parotid saliva 17215

incidence in relation to flow, pH & titratable alkalinity of human parotid saliva 17216

relation between caries of deciduous & permanent teeth (Hun) 43450

relation to cellular elements of saliva 11541

relation to gingivitis, body constitution, intelligence & place of residence in 15-year-old Royal Naval entries 41427

relation to sexual maturity 13425

saliva in subjects with & without caries, bacteriol. & biochem. comparisons 11540

vitamin C retention induced by insulin ther. of diabetic child. & adolescents with subsequent decrease in caries incidence (Ger) 40187

*complications*

urticaria, incidence & case reports 2938

*etiology and pathogenesis*

nutritional factors, review 39961

pathogen., histopathol. study (Fr) 28070

sugar (Ger) 19046

*experimental*

eff. of alloxan admin. on incidence in rats 2881

eff. of decreased vascularity of teeth 40770

eff. of degree of fineness in texture of test diets on develop. of caries in rat 17827

eff. of drinking solutions containing metallic ions above & below hydrogen in electromotive series on dent. caries in hamster 28100

eff. of duration of feeding of test diets on develop. of caries in rat 17828

eff. of feeding of calcium phosphate salts on caries incidence in rats 17210

eff. of parabiosis of caries-susceptible & caries-resist. rats on caries activity 17217

eff. of salivary gland excis. on incidence in rats 17202

17206

eff. of salts on cariogenicity of diets for rats 41227

eff. of vitamin B6 & injected fructose & glucose on incidence in rats fed on human foods 17212

incidence in rats fed on various human foods 17211

induction by wheat cereal diets in rat, response to lysine & mineral dietary supplements 17816

inhib. eff. of sodium fluoride & sodium lauroyl sarcosinate 50139

molar teeth, induction by high-carbohydrate low-fat diets in rats 40771

molar teeth, technic for simultaneous diag. & scoring of various types of lesions in rats 40772

prev. by vitamin D in rats (Ger) 28072

salivary protease activity in caries-susceptible rats, influence of diet 41234

salivary protease activity in strains of caries-susceptible & caries-resist. rats, comparison 17219

*microbiology*

Actinomyces odontolyticus n. sp., isolation from deep caries 5659

*physiology*

collagenase-resist. in carious dentin 40764

permeability of dentin & dent. enamel 8308

*prevention and control*

*see also* FLUORIDATION

*see also* FLUORIDES, *therapeutic use*

caries-inhibiting eff. of dibasic sodium phosphate & dibasic calcium phosphate added to wheat flour & bread diets 40234

hygienic measures at age of enamel form. (Ger) 28069

in child., diets (Dan) 51412

vitamin D, influence on enamel structure (Ger) 28071

*statistics*

in Argentina (Sp) 8970

in child. of Newfoundland, relation to nutritional status 26415

in groups of 5-year old London school child. over a 20-year period 26143

in Yugosl. (Ser) 27859

trend patterns in dent. caries prevalence data 28105

DENTAL CAVITIES

eff. of foodstuff on pH of dent. cavities 16536

photoelastic stress patterns of buccolingual sections of class II cavity restorations 16529

*preparation of*

high speed cutting instruments 29335

principles of tooth cutting, equipment & technics 40231

ultrasonic dental unit & rotary burs, comparison of cutting characteristics 16531

DENTAL CEMENTUM

collagen demonstration by electron microscopy 7213

histol. structure, chem. nature & develop. in rat 12943

thickness, age factors 40766

*DENTAL CYSTS see* CYSTS, DENTIGEROUS

DENTAL ENAMEL

compressive properties of human enamel 4410

nitrogen content & specific gravity of human enamel samples from different tooth surfaces 17206

permeability 8308

specific gravity, nitrogen content & hardness rating of discolored enamel 40767

specific gravity, nitrogen content & histol. characteristics of opaque white enamel 40768

*anatomy and histology*

electron microscopy of organic matrix 55420

electron microscopy of organic matrix (Ger) 43453

mineralization pattern 53552

staining of enamel particles 54588

*diseases*

fluorosis caused by fluorine excess in drinking water in Saint Vincent Island (Por) 12895

mottled enamel caused by excess fluorine in water supply (Sp) 8969

mottled enamel in Saudi Arabia 47205

*effect of drugs on*

calcium on solubility & calcium uptake of rat molar enamel & synthetic hydroxyapatite 4401

*metabolism*

carbon dioxide, determ. 40763

patterns of enamel protein elements in mouse incisor 46064

*DENTAL FILLINGS see* DENTAL CAVITIES

*DENTAL GERM see* TOOTH GERM

DENTAL MATERIALS

*see also* ACRYLATES

*see also* ALGINATES

*see also* VITALLIUM

amalgam as filling material in Ancient China 2848

amalgam proportioning by alloy & mercury dispensers, testing for accuracy 4411

silicate cement & acrylic resins, comparison of properties & uses 40233

tarnishing of dent. alloys in vivo & vitro 17207

*effects*

on solubility of dentin in vitro 17203

DENTAL PROSTHESIS

*see also* CROWN AND BRIDGEWORK

dimensional stability of denture base resins 4403

modified technic for creating lower lingual sulcus 20384

upper denture foreign body in larynx, case report 55137

*injurious effects*

incompletely polymerized palladon strips in dent. prosth. causing urticaria, salivary diag. test (Ger) 12179

intermittent parotid swelling due to ill-fitting dentures, diag. & ther. 6214

DENTAL PROSTHESIS, FULL

phonetic problems 55887

DENTAL PULP

*see also* ROOT CANAL THERAPY

eff. of bact. inoculation on fresh & autolysed pulp (Ger) 55694

eff. of tooth root granuloma extracts on leukocyte count (Ger) 51805

eff. of ultrasonic vibrations 40237

*anatomy and histology*

root canal diameters, microscopy 16530

unipolar nerve cells in human dent. pulp 7653

*blood supply*

capillary circ., eff. of topical nitroglycerin & adrenalin 20155

*diseases*

changes in symmetrical dysplastic fibrosis of mandible 20184

exper. infect. & damage, eff. of hydrocortisone alone & with antibiotics on rats 17214

*effect of drugs on*

penicillin on pulp histol. during pulpitis ther. (Pol) 20193

silver nitrate in man, histol. 16528

*microbiology*

culture of material from diseased teeth, comm. of relation of bact. to pathol. cond. in canal & periapical region 7684

*pathology*

displacement of cells into dentinal tubules, causes 7681

DENTIFRICES

Amer. Dent. Assoc. statement on dentifrice advertising claims 4405

4417

16541

clove as aromatic component, hist. of pharmacol. (Ger) 19021

*effects*

caries-inhibiting eff. of dentifrices containing stannous fluoride 40235

*injurious effects*

abrasion of teeth by dentifrice abrasives, measurement by radioactive technic 40769

DENTIN

bonding of acrylic resins to human dentin, histol. of bond area 28102

compressive properties of human dentin 4410

dorodentin form. in squamous denticles of fish Lepisosteus osseus (Ger) 34423

permeability 8306

solubility, eff. of various dent. restorative materials 17203

*abnormalities*

dentinogenesis imperfecta, case report (Fr) 14365

dentinogenesis imperfecta, clin. manifest. & morphol. 369

*anatomy and histology*

electron microscopy of organic matrix 55429

electron microscopy of organic matrix (Ger) 42453

staining of dentin particles 54588

*effect of drugs on*

collagenase disintegration of organic matrix of normal dentin, chem. modification to collagenase-resist. forms 40765

collagenase on normal & carious dentin 40764

silver nitrate in same, histol. 16528

*metabolism*

esterase localization, correlation with calcification in developing dentin 40779

proteolysis causing tooth dis. 53551

DENTISTRY

*see also* ORTHODONTICS

*see also* PEDODONTIA

*see also* ROOT CANAL THERAPY

*see also* SURGERY, ORAL

*see also* TEETH

air hyg. in dent. practice 7685

Amer. Dent. Assoc. Relief Fund Program, operation & aims 4416

contribution to develop. of oral pathol. 53841

dent. care & problems of aged 50143

dent. care for immigrant aged in Israel 49782

dent. care, hosp. health insurance coverage 17872

dent. care in phys. med. & rehabil. programs 1479

dent. care in pub. assistance programs 50134

dent. care of child. of members of Pacific Maritime Assoc. & Internat. Longshoremen's & Warehousemen's Union 50150

dent. management of adult cerebral palsy patients 28108

dent. office admin., methods 50146

dent. practice in large hosp. center in Naples (It) 44343

dent. program of Internat. Longshoremen's & Warehousemen's Union-Pacific Maritime Assoc., dent. serv. statist. 4406

16542

dent. serv. in Belgian Air Force, organiz. (Fr, Dut) 46583

dent. serv. in major disaster 28104

dentist's income tax deductions for business expenses 50151

dentist's obligation to inform patient of his oral cond. & to instruct him in dent. health 50145

dentist's responsibility in x-ray diag. 6430

dentist's role in diag. & ther. of lesions of oral mucosa 52842

dentist's role in rehabil. of & design of prosth. for cleft palate patients 50147

diag. & surg. by non-dentists in hosp. & dispensaries without dent. serv. 28282

eff. of irradiation from a modern dent. x-ray unit on red & white blood cell count & on growth in the rat 16533

forensic, research, organiz. & teaching 53518

group practice, advantages & problems 28109

hosp. dent. serv., needs & values 17867

in Czech. 28113

in Korea 28112

in Royal Army Med. Corps 18045

legal problems in dent. practice 4415

open shelf filing & color coding of dent. health records 18719

oral diag. & consultation 43371

oral phenoxymethyl penicillin calcium in dent. 28103

overt or repressed anxiety in dent. patients 28107

professional success standards of Alabama dentists 40240

progr. 16537

progr. in 20th century 52845

pub. educ. in dent. health 4414

public opinion poll concerning dentists & use of dent. serv. 4400

radiation exposure of dentist, dent. assistants & patients from dent. x-ray units 53730

responsibilities of dentist to patient & patient to dentist 14779

responsibility of state society in dent. health educ. 28098

review 20576

role in civil defense 40334

state dent. health programs 4419

Stomatol. Department of C. Forlanini Institute of Rome, clin. statist. (It) 24931

survey on length of time since patient's last visit to dentist 4418

time & motion studies for improved efficiency of dentist 4413

use of associates in private practice 40239

*anesthesia and analgesia*

lidocaine, procaine & oracaine, evaluation 52851

local, risk of aspiration of bact. into hypodermic needles & anesth. cartridges after inject. 16532

*apparatus and instruments*

alloy & mercury dispensers, testing for accuracy in proportioning of amalgam 4411

sterilization, basic problems 40236

*education see* EDUCATION, DENTAL

*DENTISTRY, CHILDREN'S see* PEDODONTIA

DEODORANTS

*see also* CHLOROPHYLL

sanitized, evaluation (Fr) 54845

*injurious effects*

allergic zirconium deodorant granuloma 39928

*therapeutic use*

chloramphenicol control of vaginal odor in radium ther. (It) 52097

douche, in miliaria & skin infect. & in control of sweating & odor from bact. decomposition in tropics 48396

DEPRESSION

*see also* PSYCHOSES, MANIC-DEPRESSIVE

as preliminary stage of presenile psychosis (Fr) 48413

dysthymics as criterion for introversion 4378

4388

16507

suicidal behavior of depressive patients & etiol. factors in suicide 17760

*etiology and pathogenesis*

atypical endogenous, caused by vitamin B complex defic. (Dut) 7323

female climacteric, ther., aminophylline-ephedrine-phenobarbital prep. (It) 8621

postop. in thyroidectomy (Ger) 32892

Rauwolfia alkaloids in hypertension ther. 48529

Rauwolfia alkaloids, pharmacol. 768

relation to med. dis. 8423

reserpine ther. of essential hypertension 46614

reserpine, ther., orphenadrine (Ger) 42291

tranquilizing agents 24630

*in aged*

psychother., methylphenidylacetate as adjuvant 53606

*in infant and child*

depressive position in inf., relation to dentition, walking & speech, psychoanalytic interpretation 4368

in polio., psychoanalytic interpretation, case report of 6-year old boy 44246

*psychology*

existential analytic interpretation (Ger) 55573

*therapy*

acetyl-p-aminobenzoate in mild depression 50743

benactyzine 3390

N-(3-dimethylaminopropyl)-o-iminodibenzyl 12620

26442

N-(3-dimethylaminopropyl)-o-iminodibenzyl (Ger) 8533

43813

44209

N-(3-dimethylaminopropyl)-o-iminodibenzyl (It) 19233

drug ther. 7499

electroshock ther., eff. on psychomotor speed & distraction effect, in psychiatric patients 17734

endogenous, electroshock ther., eff. of hexobarbital anesth. on blood sugar (Ger) 27017

1-ethyl-3-piperidyl $\alpha$-cyclopentyl-$\alpha$-phenyl-glycolate 50907

GP's role in managing depression 28449

hematoporphyrin-methylparafynol carbamate-succinonitrile prep., oral admin. (It) 26627

2-hydrazino-1-phenyl-propane, comparison with iproniazid 24635

iproniazid 12610

iproniazid (Fr) 47454

iproniazid (It) 8632

iproniazid (Sp) 31013

iproniazid, causing jaundice 14249

iproniazid, clin. aspects & pharmacol. 17788

iproniazid with reserpine 39167

isoniazid & iproniazid (Fr) 47453

methylphenidylacetate in depressive states in ment. patients 3192

DERMATITIS

*see also* ACRODERMATITIS

*see also* NEURODERMATITIS

bullous, cytol. differ. diag. of pemphigus vulgaris & other bullous dermatitis & evaluation of ACTH-cortisone ther. by Tzanck test (Rus) 37240

chiufa in collectors of ipecac in So. Amer. (Sp) 18880

on hands, etiol. & ther. 6960

photodermatitis, pathogen. & ther. 49987

pigmented & purpuric lichenoid dermatitis of Gougerot & Blum, manifest. & possible pathogenetic role of tuberc. (Fr) 36519

radiodermatitis of hand in physicians after x-ray exposure (Cz) 31843

radiodermatitis, prev. & ther. with azulene prep. & thermother. (It) 31662

recur., pathogen., ther. & prev. (Cz) 14770

*case reports*

creeping eruption assoc. with distomiasis (Sp) 13896

dermatitis nodularis necrotica, clin. & histopathol. aspects (It) 42554

pustulosa subcornea, in aged man (It) 6828

radiodermatitis, occup. cases (Fr) 2381

radiodermatitis of back after x-ray exam. of stomach (Fr) 2380

*diagnosis*

allergic skin test (Fr) 51362

*differential diagnosis*

bullous types, differ. diag. from pemphigus (Fr) 38862

photodermatitis from lupus erythematosus (Ger) 16091

subcorneal pustular, differ diag. from Duhring's dermatitis herpetiformis (Fr) 36520

*etiology and pathogenesis*

bullous, due to resorcinol (Ger) 15290

hydroxylamine hydrochloride, in laboratory worker (Fr) 47773

Micrococcus pyogenes aureus streptomycin-resistant strain causing bullous dermatitis & septicemia, paradoxical cure by streptomycin (Rus) 37245

photodermatitis, caused by 6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide (Dan) 22417

trematode Austrobilharzia variglandis causing dermatitis of bathers in California 51007

*experimental*

affinity between fungi of verrucose dermatitis & sooty-molds in rats & rabbits 7117

ATPase activity of skin in rats (It) 1898

eff. of hypoxia (Ger) 36434

induction by diphtheria toxin in guinea pigs, anti-inflamm. eff. of papain, salmine & thymus histone (It) 37305

*in infant and child*

gangrenous, case report (Sp) 44569

pyodermatitis, classif. & ther. (Fr) 27493

*physiology*

mechanism of itching in eczema 13164

*therapy*

hydrocortamate ointment (Sp) 29388

soft x-ray ther. (Ger) 32549

*DERMATITIS, ATOPIC see* ECZEMA

DERMATITIS, CONTACT

*see also* ECZEMA

*see also* POISON IVY DERMATITIS

atypical manifest. (Fr) 9630

classif. on basis of etiol. & pathogen. (Ger) 24914

determ. of indust. origin & management 4344

in chem. indust. (Pol) 8073

in lithographers, etiol. agents & prev. 50189

indust. dermatitis in coal miners 26045

occup., problems of prolonged & recur. cases 4613

*case reports*

49215

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

caused by hydroxylamine hydrochloride, in laboratory worker (Fr) 47773
caused by neomycin 47552
dermatosis caused by zinc chloride, in metal worker (Fr) 47767
occup. 17431
plantar dermatitis venenata caused by floor wax 16743

*complications*
lichenoid eruptions 11558
pruritis in chem. dermatoses in coal miners, ther., 10-(3-dimethylamino-2-methylpropyl) phenothiazine 53050

*diagnosis*
patch-tests, indic. & methods in indust. med. practice (It) 8614

*etiology and pathogenesis*
Ammi majus prep. causing severe burns (Fr) 54899
antibiotics, ther. 44789
bullous, due to ethylene oxide (Rus) 45650
cactus plant, case report 27088
cashew nuts 7450
caterpillar Automeris io, pathol. 34853
cement (Fr) 20603
chlorpromazine, in hosp. personnel (Fr) 9631
chlorpromazine, successful ther. (Fr) 3407
chrome-tanned shoe leather 11578
chromium, diag. & physiopathol. (Fr) 37859
coffee beans in coffee plant workers (Ger) 12189
Europroctis flava caterpillar (Ger) 24306
formaldehyde (Ger) 12197
gentian violet & rivanol, case reports 38851
mercaptoacetic acid ammonium salt in permanent wave solution (Ger) 22949
methylbromide in fire extinguisher causing erythematous-bullous dermatitis, case reports (Hun) 37235
neomycin with bacitracin ointment in excessively protracted admin. (Dan) 33386
nickel & copper cpds. from corrosive metal earpieces of eyeglasses 11560
nylon hair nets 2161
oleosolvents causing caustic dermatosis of hands in petroleum workers, case reports 37858
perfume, review 1130
p-phenylenediamine dye in fur workers 50124
philodendron 10
phosphosesquisulfide in match boxes (Ger) 38887
rubber (Fr) 44886
rubber parts of anesth. equip. 52850
textile dyes & by-products (Ger) 55482
thermo-fax copy paper for business & professional office machines 27055

*experimental*
chronol. develop. of local histopathol. in toxic & allergic contact dermatitis in guinea pig 4393
2,4-dinitrochlorobenzene-induced, measurement of binding to skin protein in vivo 28320
eff. of depletion of mononuclear cells on dermatitis in guinea pigs 16519
local histamine content in toxic & allergic contact dermatitis in guinea pig 4392

*immunology*
cross-sensitization in diverse poisonous members of sumac family 50648

*in infant and child*
diag. & ther. 4263
eruptive dermatitis of extremities, case report (Fr) 53372

*physiology*
natural defenses of skin & their preserv. (Fr) 30868

*prevention and control*
barrier ointments, protective eff. (It) 19186
barrier substances in indust. 48180
skin-protective ointments (Ger) 12184

*therapy*
18104
in ophthalmol. & otolaryngol. practice 55021

DERMATITIS HERPETIFORMIS

*differential diagnosis*
Duhring's dis. from subcorneal pustular dermatitis (Fr) 36520
pemphigus, cytol. & histol. differentiation (Pol) 44181
pemphigus vulgaris & pemphigoid (Sp) 341
subcorneal pustular dermatosis, case reports 11573
11574

*etiology and pathogenesis*
(Ger) 3993
demonstrations using rabbit eyes & chick embryos 49373

*immunology*
specific hemagglutinins in serum & CSF 33704

*in infant and child*
genitalia, localized chronic bullous manifest. in 5 year-old boy, case report (Fr) 37870
in 7 month-old inf., case report (Fr) 37878

*therapy*
diaminodiphenylsulfone (Fr) 2418
sulfamethoxypyridazine, adverse reactions 40291
3-sulfanilamido-6-methoxypyridazine (Sp) 3350
vitamin D2 13670

DERMATITIS MEDICAMENTOSA
20498
caused by antibiotics, ther. 44789
caused by isoniazid & PAS, with hepatitis (Ser) 33387
caused by quinacrine (Pol) 31506

*case reports*
caused by 6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide 11567
meprocamate (Nor) 10373
meprobamate, fatal reaction 62
papules with suppuration caused by meprobamate (Sp) 15534
penicillin urticara from dairy products, penicillinase ther. 34845
sulfamethoxypyridazine 3

*manifestations*
(Ger) 39803

DERMATITIS SEBORRHEICA
26157

*case reports*
29287

*pathology*
change in composition of sebum (Rus) 22497

*therapy*
biotin, results (Fr) 16374
cadmium sulfate-containing shampoo in seborrhea of scalp 38021
foetex & cadmium sulfate-containing shampoo, capsebon 20516
vitamin B6 (Rus) 22501

*DERMATITIS VENENATA see* DERMATITIS, CONTACT

DERMATOLOGY

*see also* SKIN DISEASES

*see also* SYPHILOLOGY

comparison of human & canine dermatol. 11581
contribution of Franz Blumenthal (Ger) 3227
contribution of Clyde L. Cummer to Amer. Acad. of Dermatol. & Syphilol. 23371
dermato-geriatric clinic, indic., organiz. & objectives 3774
dermatol. aspects of cosmetol. (Rus) 48072
dermatovenerol. institutions in Czech. & Russia (Rus) 55307
in Chicago, contribution of James Nevins Hyde 49985
in Germany, problems (Ger) 11234
prep. & use of plastic skin imprints (Ger) 11226
progr. (Fr) 41115
research, choice of subject with practical rather than theoretical results 11554
review 49318

*education*
in Russia 46392

*history*
Alibert's Description des Maladies de la Peau, first illustrated textbook (Dut) 29940
Chair of Dermatosyphilology of Universidad Nacional de La Plata 32454
in Russia (Rus) 55208

DERMATOMYOSITIS
38296
differ. diag. & pain relief, review 29279
relation to systemic lupus erythematosus (It) 8586
review (Ger) 49312

*case reports*
5161

*diagnosis*
problems in dermatomyositis without skin manifest. 4204

*etiology and pathogenesis*
abdom. cancer 41166
cancer of stomach with bullous hemorrh. subacute dermatomyositis, postmortem pathol. (Fr) 37860

*in infant and child*
case report (Fr) 25482
clin. & histopathol. aspects in boy 7432
differ. diag. from disseminated lupus erythematosus 50989
pseudomyopathic form of dermatomyositis with pseudohypertrophy of calves in boy, case report (Cz) 38336

*manifestations*
multiple visceral localization, case report (Sp) 3314
pulm. lesions, case report 47516

*therapy*
prednisone in acute dermatomyositis causing fatal perf. of peptic ulcer, case report (Fr) 37891
procaine, intravenous inject. 32527
triamcinolone diacetate 48969

*DERMATOPHYTES see* FUNGI

*DERMATOPHYTOSIS see* RINGWORM

*DERMATOSCLEROSIS see* SCLERODERMA

DERMOGRAPHIA
classif., etiol. & ther. by antihistaminics 40278
rubra, after pulm. tuberc. surg. (Ger) 3212

*DESMOID see* FIBROMA

DESMOLASES

*see also* CARBONIC ANHYDRASE

aldolase activity in various plants & animals (Fr) 48798
aldolase from Bacillus stearothermophilus, partial denaturation without loss of activity 16869
aldolase metab. in Aspergillus niger, zinc as specific coenzyme (Fr) 15067
amino acid decarboxylase in normotensive & hypertensive rat kidney, eff. of dimercaprol 40348
arginine decarboxylase form. in E. coli, nutritional requirements 28220
4-aspartic acid decarboxylase isolation from Desulfovibrio desulfuricans & activators (Fr) 47934
carboxylase, eff. of isoniazid, PAS & streptomycin in vitro (It) 13991
condensing enzyme influence on acetyl coenzyme A tautomerization in presence of deuterium oxide 4776
condensing enzyme of Aspergillus niger, separation from acetylcoenzyme A deacylase & citrogenase & eff. of magnesium ion on the purified fraction 42988
L-cysteinesulfinic acid decarboxylase activity in rat liver & L-glutamic acid decarboxylase activity in rat brain, eff. of thyroxin inject. (Fr) 37106
glutamic acid decarboxylase activity in plant extracts 50256
histidine decarboxylase distribution & activity in Morganella 4341
5-hydroxytryptophan decarboxylase activity in phenylketonuric child. 29003
5-hydroxytryptophan decarboxylase activity in various tissues of several mammalian species, relation to serotonin content of tissues 41307
isocitritase from Saccharomyces cerevisiae, purification & properties 40530
kynureninase from Neurospora crassa, properties & partial purification 13720
L-tryptophanoxidase, gene-dependent, determ. in Ephestia kühniella (Ger) 11267
xylohexase in blood & blister fluid in dermatoses (Ger) 3220
xylohexase in infect. hepatitis in child., diag. value (Rus) 7887
xylohexase, mechanism of action 13796
xylohexase test in child., diag. value (Cz) 38332

*antagonists*
diaminopimelic acid decarboxylase activity of M. tuberc., inhib. by isoniazid 31338
DOPA-decarboxylase inhib. by isoniazid (Ger) 29897
DOPA decarboxylase inhib. by α-methyldihydroxyphenylalanine in exper. animals (Ger) 29903
orotidylic acid decarboxylase inhib. in tumor tissue by 6-azauracil as primary site of carcinostatic action 37127
pyruvate oxidase inhib. by γ-(p-arsenosophenyl)-n-butyrate & restoration of activity in rat heart sarcosomes by α-lipoic acid 16893

*determination*
glutamic acid decarboxylase distribution in brain of exper. animals, fluorimetric determ. 41203

*in blood*
aldolase activity of erythrocytes in premature & full-term newborn inf. (It) 26618
aldolase, eff. of myocardial infarct & heart surg. (Ger) 23023
aldolase in trichinosis (Pol) 33693
xylochexase activity in congestive heart failure (Pol) 8087
xylohexase, determ., normal values & clin. diag. value (Sp) 41777
xylohexase in child. with Duchenne musc. dystrophy & their immediate relatives 41260
xylohexase in liver dis., diag. significance (Hun) 30284
xylohexase in newborn inf. during first month of life, in normal & pathol. cond. (It) 3962
xylohexase in progr. musc. dystrophy, comparative arterial & venous levels (Fr) 38520
xylohexase in various dis., diag. value (Ger) 1319
xylohexase increase in infect. hepatitis (Rus) 45210

DESOXYCORTICOSTERONE

*antagonists*
17α-propyl-estrane-17β-ol-3-one 41038

*effects*
hypertensive eff. in unilaterally nephrectomized rats 3419
induction of blood protein disord. in rat (Fr) 36614

induction of hypertensive cardiovasc. dis. in sensitized rat, eff. of electroshock stress 45379

on adrenal cortex of rats on sodium-defic. diet 24845

on ATPase activity of myocardium in normal rats (It) 37375

on blood potassium in adrenalectomized rat 47127

on body fluid balance in pituitary hosff. (Ger) 41758

on contractile activity & on potassium & sodium content of isolated rat diaphragm (It) 36558

on creatine metab. in normal & vitamin-deficient rats (It) 25646

on deoxyribonuclease activity in rat lymphoid organs 24012

on electrolytes in urine, eff. of progesterone 44124

on growth of bact., yeasts & fungi 16874

on hypotensive eff. of reserpine in hypertensive rabbits, mechanism of action (Pol) 7773

on intracellular potassium ion concentration, chem. & morphol. study 50721

on liver succinic oxidase, glutamic dehydrogenase & nitrogen in rats fed 3'-methyl-4-dimethylaminoazobenzene 2675

on metab. of rat kidneys in vitro (Ger) 37839

on oxidation of glucose, pyruvate & succinate by cell-free prep. of rat lymphoid tissue 1397

on pancreatic amylase prod. 49379

on renal hypertension in intact & adrenalectomized rats 35789

on succinic dehydrogenase activity of myocardium in normal rats (It) 37374

on testis develop. & funct. in young rats 35097

on testis size & funct. in cockerel chicks 3418

on uropepsin excretion in normal subjects (It) 1508

*metabolism*

hydroxylation by oxygen-ferrous ascorbate model system in vitro (Fr) 3051

*physiology*

mechanism of metacorticoid hypertension 36245

*related compounds*

desoxycorticosterone glucoside admin. in diabetes mellitus causing blockade of pituitary gland & changes in urinary 17-ketosteroids (It) 49586

desoxycorticosterone glucoside ther. of Addison's dis., with cortisone, antag. eff. of small doses (Pol) 43631

desoxycorticosterone glucoside, ther. of xanthoma in inf., with estradiol-methylisatosterone prep. (Ger) 38855

*therapeutic use*

Addison's dis., with cortisone (Ger) 45399

asthenic cond., with cortisone & dehydrocorticosterone, oral admin. (It) 3715

autonomic hypotonia, with sex hormones (Ger) 29404

facial paralysis (Ger) 52560

tuberc., pulm. (Por) 21092

*toxicity*

in rabbits, comparison with aldosterone 300

*DESOXYEPHEDRINE see* AMPHETAMINE

DESOXYRIBONUCLEASE

activity in normal, in regenerating, in precancerous & in cancerous rat liver 38848

from juice of soy bean sprouts, purification & demonstration 13831

in bovine pancreas, isolation & purification 1393

in lymphoid organs, eff. of desoxycorticosterone & hydrocortisone on activity in rat organs 24012

in Micrococcus pyogenes aureus as basis for differentiation of strains (It) 53780

in normal & neoplastic growth 19586

in tumor tissue, liver & spleen, eff. of total-body x-irradiation in rat 38453

mechanism of action of thymus acid desoxyribonuclease 1878

I, preferential specificity for trinucleotides 16914

pancreatic, degradation of calf thymus desoxyribonucleic acid, mechanism 38409

pancreatic, inhib. by acidic polymers 19884

treatment of cultures of chick embryo fibroblasts & myeloblasts in determ. of desoxyribonucleic acids (Fr) 48791

*determination*

in Micrococcus pyogenes aureus & albus, correlation with coagulase activity, modified agar-plate method of determ. 6515

quantitative method (Ger) 34232

*effects*

on living HeLa cells, ultraviolet motion picture studies 31385

on West Nile virus infectivity (Fr) 38636

*in blood*

in exper. pancreatitis produced by various methods in dogs 54660

*in urine*

acid, eff. of x-irradiation in rats bearing Walker tumor 256 (It) 13514

*preparation of*

purification of calf thymus & spleen acid desoxyribonuclease 1675

*therapeutic use*

bronchitis, insufflation with chymotrypsin for reduction of sputum viscosity 18421

DESOXYRIBONUCLEIC ACID

antigenic power of desoxyribonucleic acid & other prep. sensitizing skin homografts (Fr) 48929

biol. replication, study with anion exchangers 10198

degradation by hot alkali 2543

eff. of bromine on ultraviolet absorp. spectra 29809

eff. of gamma rays on desoxyribonucleic acid in solution, review & exper. 53486

electron microscopy 3508

in erythrocytes & spermatozoa of frog, dove & domestic fowls (It) 36800

in mature spermatozoa of sea cucumber, composition analysis (Ger) 11279

in M. tuberc. bovis BCG strain 13758

L. E. factor affinity for various desoxyribonucleic acid prep., determ. by agglut. of tanalized sheep erythrocytes coated with desoxyribonucleic acid 24853

new configuration 7176

of herring spermatozoa, characterization (Ger) 49907

phage precursor desoxyribonucleic acid, sensitivity to ultraviolet light 10855

precipitin reaction between desoxyribonucleic acid & a serum factor in systemic lupus erythematosus 40816

relation to mitosis, review (It) 47798

replication, study with mechanical models capable of automatic self-reprod. 24974

template model for synthesis of ribonucleic acid from desoxyribonucleic acid 39803

*determination*

colorimetry with methyl green reaction, binding mechanisms 16964

denatured desoxyribonucleic acid detection & estimation by ultraviolet absorp. 4766

histochem. reaction with acidified basic fuchsin solution as reagent (Rus) 25786

in Allium root tips, eff. of HCl hydrolysis in Feulgen staining technic on acid content 40581

in cells, Feulgen microspectrophotometric method 3764

in cervical smear nuclei, histophotometry, value as auxiliary method to Papanicolaou's cytodiag. (Fr) 31897

in cultures of chick embryo fibroblasts & myeloblasts treated with desoxyribonuclease, cytophotometry (Fr) 48791

in secretion of inflamed appendix 24854

in vaginal smears, histophotometry (Fr) 24145

in vaginal smears in cancer of female genitalia, histophotometry, diag. value 24147

*effects*

biol. eff. in rabbits & rats following inject. 52303

genetic transform. 9085

on phenotype of bank of 1st & 2nd generation Pekin ducks formerly treated with desoxyribonucleic acid of Khaki Campbell ducks (Fr) 15078

on somatic transform. in rat 44129

*in blood*

complement-fixing reactants against desoxyribonucleic acid in sera of patients with disseminated lupus erythematosus, correlation with L. E. cell phenomenon & clin. status 17519

erythrobinet content in erythroblastic anemia, cytophotometry (It) 37468

erythroblast nuclear content in myeloid leukemia (It) 44166

in myeloid leukemia, nuclear content of leukocytes (It) 52079

in peripheral lymphocytes in chronic myeloid leukemia (It) 13866

*metabolism*

adenine & orotic acid incorporation in non-dividing cells in rat neurons 16965

adrenal cortex nuclei content in rat 19556

bact., extracellular & intracellular activity, review & exper. 40844

bact., hered. aspects, review (Rus) 45614

bacteriophage replication, study by molecular radioautography 51307

biosynthesis in excised tobacco pith tissue, radioautographic & microspectrophotometric studies 48697

breakdown & resynthesis in E. coli during infect. with T5 phage 10877

brain, in subjects of various ages (Ger) 46667

brain of schizophrenics, antigen-antibody reactions 39369

content in granulation tissue induced by polyvinyl sponge in guinea pigs 31421

content in haploid & diploid nuclei of Coregonus fish (Fr) 49328

content in nuclei of histiocytes & lymphocytes in blood, tonsils & lymph nodes in sarcoidosis (It) 37428

content in spermatozoa & their antecedent cells in adolescent boys recovering from retarded sexual & somatic develop. (It) 27363

degradation by thymus acid desoxyribonuclease, mechanism 1676

distribution of newly synthesized desoxyribonucleic acid in mitosis 7184

duplication from soluble desoxyribonitic cpds. 9568

E. coli, eff. of ultraviolet rays on synthesis 1700

E. coli, electron microscopy in vegetative & mature phages, comparison with normal bact. nucleotide in various physiol. states 40577

E. coli, relation to protein synthesis (Fr) 48905

in Drosophila larvae at various phases of develop. (Fr) 1670

in herring sperm, products of reactions with hydrazine 1705

in normal & tumor tissues (Rus) 18834

in polymorphous nuclei of mouse epididymis, determ. (Fr) 26880

in reprod. of T2 bacteriophage 10197

inhib. eff. of radiations on synthesis, eff. of cysteine in rats (Ger) 9982

liver & small intestine, eff. of x-rays (Rus) 51753

liver content variation after partial hepatectomy in guinea pigs & mice (Fr) 25439

liver, eff. of potassium in rats (Rus) 51754

liver, isolation & analysis of desoxyribonucleic acid-protein complexes in rat liver homogenates 13739

liver of tumor-bearing rats, quantitative changes 49870

pulm. hyaline membranes of newborn inf. 23953

radioautographic study 51305

radioautographic study with tritium-labeled thymidine 51309

radiophosphorus incorporation into desoxyribonucleic acid of rat lymphocytes 3509

radiophosphorus-induced inhib. of synthesis in normal & hibernating animals, eff. of cysteine (Ger) 32677

redistribution in HeLa cell cultures infected with herpes virus 17884

relation of autophase to desoxyribonucleic acid doubling 27411

relation of quantitative anomaly to aberrat. of cell nucleus, review (It) 47799

release & stability of large subunits from $T_2$ & $T_4$ phages 50566

synthesis, eff. of radiations 52338

synthesis in extracts of mammalian cells 7244

synthesis in HeLa cell cultures, temporal relation to mitosis & turnover time, radioautographic study 51310

synthesis in normal, in regenerating, in precancerous & in cancerous rat liver 29048

synthesis in shoot apex of Pinus banksiana, autoradiographic localization 52333

synthesis in Vicia faba roots, blockage by 5-hydroxyuracil 40595

synthesis, mechanism of radiation effect on process 52339

thymus of calf, mechanism of hydrolysis by desoxyribonuclease 26409

Trypanosoma mega (Fr) 39394

tumor tissue, liver & spleen, eff. of total-body x-irradiation in rat 39453

*preparation of*

rapid large-scale method for isolation of calf thymus desoxyribonucleate 14615

DESULFOVIBRIO

*metabolism*

carbon monoxide, enzymic oxidation by cell-free extracts of Desulfovibrio desulfuricans 13817

desulfuricans, isolation & activators of 4-aspartic acid decarboxylase (Fr) 47934

desulfuricans, reduction of nitrate to ammonia coupled with dehydrogenation of pyruvate (Fr) 3038

DETERGENTS

*see also* SOAPS

*see also* SURFACE-ACTIVE SUBSTANCES

*effects*

detergents used with stains causing appearance of artefacts in structure & staining of blood cells found in squamous, secretions & pus from skin dis. (Fr) 32191

inhib. of yeast metab. by cationic detergent, reversal by magnesium ions 7165

N-lauroyl sarcosinate sodium, inhib. eff. on dent. caries in rats 50139

lauroyl sodium sulfonate on E. coli (Fr) 32289

lobrol-fractionation of proteins of rat liver microsomes 13733

on erythrocyte sedimentation rate in plasma-detergent mixtures 48192

on skin (Pol) 44189

soap-free skin detergents, clin. & exper. evaluation (Ger) 29437

sodium lauryl sulfate on bact. cell wall (Fr) 30600

*injurious effects*
arachnoiditis & paraplegia in monkeys after contamination of spinal anesth. needles & syringes by detergent washings 18614
subungual hemorrh. in pan washers 18603
*therapeutic use*
[illegible] in gastrointestinal disord. in aged 4441
lauroyl sodium sulfonate-allantoin-bismuth glycolylarsanilate-sulfathiazole prep. in vaginitis (Sp) 44580
leukorrhea (Dut) 37040

DEUTERIUM
deuterium cycle. of biol. interest, synthesis (Fr) 3898
exchange in polypeptides 19462
heavy water, estimation of total water exchange in man 8023
heavy water, in body fluids spectrometry & application to measurement of total body water 8022
heavy water in measurement of carbon dioxide output in mice, under cond. of isotope re-entry into body 35821
*effects*
deuterium oxide on kinetics of musc. contraction 19483

*DEVELOPMENT see CHILD PSYCHOLOGY*

*DEVELOPMENT see GROWTH*

DEXTRAN
antigenicity, eff. of variations in molecular weight on antigenicity in man 47695
non-antigenicity in guinea pigs 31468
particulate matter form. caused by chem. & phys. properties 48364
prep. with glucose & without sodium as plasma substitute (Fr) 47326
*effects*
crossed protective eff. of dextran & histamine liberators [illegible] & 48/80, mechanism in rats (Fr) 38751
evaluation as blood substitute in hemorrh. in dogs 25052
induction of anaphylactoid inflamm., increase of sensitization by insulin in spinal rats 35803
induction of edema in skin of rats, mechanism, relation to serotonin release (R) 37339
induction of swelling of rat's paw, influence of lysergic acid diethylamide (Ger) 36950
on blood platelet electrophoresis 50463
on liver, prod. of watery vacuolation after intravenous inject. into mice 28955
on plasma & erythrocyte electrolytes in post-hemorrhaged dog 46092
on posttraum. shock after long inj. in rabbits (Rus) 51169
rapid loading on sodium form. in intact & diabetes insipidus infused dogs 12548
rapid loading on intact infused nonditional dogs 12547
vasc. eff. 38620
*injurious effects*
infection of thrombopenia by dextran transfusions (R) 44812
recur. arthralgia & cellulitis after intramusc. iron-dextran ther. of anemia 52629
*metabolism*
distribution of intravenously injected dextran in mice 5625
enzymatic decomposition in determining chem. structure (Rus) 1739
prod. from sucrose by rumen strains of Streptoc. bovis 5092
synthesis from sucrose in rumen strains of Streptoc. bovis, biotin & pantothenic acid requirement 40853
*related compounds*
polyglucin content of blood after intravenous admin., eff. of splenectomy in rabbits (Rus) 44023
polyglucin method of determ. of blood volume (Rus) 18385
polyglucin, ther. of diabetic coma (Rus) 8286
polyglucin, ther. use in various traum. cond. (Rus) 44021
polyglucin, transfusion in lung surg. for various cond. (Rus) 44020
*therapeutic use*
exchange transfusion with erythrocyte suspension in dextran (Dut) 45281
indic. (Rus) 33528
iron-dextran complex in anemia of pregn., intramusc. admin. 20068
iron-dextran complex in hypochromic anemia (Ger) 55380
iron-dextran complex in hypochromic anemia in inf., intramusc. inject. (Fr) 54062
iron-dextran complex in hypochromic anemia in pregn. 22165
iron-dextran complex in hypochromic anemia, intramusc. admin. (Fin) 27277
iron-dextran complex, intramusc., in hypochromic anemia in child., comparison with oral ferrous sulfate 41364
use as infusion fluid 37798

*DEXTRANSUCRASE see TRANSFERASES*

*DEXTRIN see POLYSACCHARIDES*

*DEXTROSE see GLUCOSE*

*DFP see ISOFLUROPHATE*

*DIABETES, ALLOXAN see DIABETES MELLITUS, experimental*

*DIABETES, BRONZE see HEMOCHROMATOSIS*

DIABETES INSIPIDUS
physiopathol., clin. forms & case reports (Sp) 9725
*case reports*
develop. after post-partum hemorrh. & followed by Sheehan's synd. 35175
in siblings (Cz) 38337
nephrogenic 3333
with solitary tuberc. & organic confusional state 39080
with Simmonds' dis., postmortem pathol. findings 132
*complications*
anterior pituitary gland insuff., vasopressin ther. causing spotonia (Ger) 49283
anterior pituitary insuff. (Dut) 1627
hepatitis, diuresis in (Rus) 7709
*etiology and pathogenesis*
influenza (Rus) 31161
pituitary replacement by metastatic lung cancer, assoc. with Addison's dis. 61
Sheehan's synd., with episode of diabetes insipidus & negative [illegible] test (Sp) 8701
*experimental*
eff. of rapid water, sodium & dextran loading on sodium form. in infused dogs 12548
technics for prod. in rats 31327
*in infant and child*
following tuberc. meningitis, case report 1405
3 cases (Sp) 38851
with acanthosis nigricans, pathol. relations (Sp) 31842
*in pregnancy*
case report (Ger) 3843
11041
post-traum. diabetes treated with posterior pituitary extract, physiopathol. (Fr) 26249
*manifestations*
thirst, suppressing eff. of vasopressin 35134
*physiology*
role of liver in 38119
*therapy*
posterior pituitary gland extracts, eff. on diuresis (Ger) 46098
ultraviolet pneumothorax & autonomic ganglia irradiation (Dut) 32755
vasopressin (Ger) 54973

DIABETES MELLITUS
*see also* ANTIDIABETICS
*see also* INSULIN
*see also* KIMMELSTIEL-WILSON SYNDROME
abnorm. in offspring of diabetic mothers or fathers, comparison with offspring of non-diabetic parents 17917
anesth. risks (Dut) 7302
classif. & changes in islands of Langerhans (Ger) 3235
classif. of various clin. types (Por) 40219
clin. forms, treat., causes of insulin resist. & case reports 14794
clin. forms of essential & secondary diabetes (Por) 4355
compl. & ther., review 8511
contribution of Bernt Berlin (Fr) 32413
contribution of Eugene Opie 27256
curability, present concept (Ger) 7100
diabetic applicants to schools of nursing, problems 19898
educ. & occup. guidance for young diabetics (Fr) 20681
eff. on personality 17480
employment of diabetics (Ger) 23134
eye findings in child. born to diabetic mothers 23860
foot hyg. for diabetic patients 50277
in liver cirrhosis in alcoholics, incidence 35188
multicausal factors (Fr) 10862
metacorticoid diabetes (Sp) 8695
post-adult weight loss in inf. of diabetic & non-diabetic women 1408
pre-diabetic state, definition, interpretation & implications 17761
prediabetic state, detection & implications 3351
preop. care of diabetics requiring surg. 54779
progn. (Ger) 3234
relation to asteroid hyalitis 16575
relation to obesity 12303
relation to spontaneous hypoglycemia 17786
review 7428 7438 8510 19895 38539
risk of adrenalectomy in diabetics (Cz) 14771
soc. & indust. problems (Fr) 54007
soc. problems 8891
surg. in diabetic patients (Ger) 22859
surg. in diabetics, management 10893 17565 38149
zonular cataract in child. born to diabetic mothers 23861
*blood in*
amylases, limited value of Somogyi's determ. technic 38511
ATP, cholesterol & phosphorus, eff. of ingestion of butter 22260
ATP, eff. of oral glucose 33259
coagulation, thromboelastography (R) 44168
coenzyme I, microbiol. determ. with Hemophilus influenzae 15034
esterolytic activity (Cz) 44872
fructose-induced hypoglycemia in diabetic patients, eff. of carbutamide (Fr) 21267
glucose, eff. of olive oil admin., comparison with normal subjects (R) 20963
glycoproteins, lipids, lipoproteins & proteins in juvenile diabetes (Sp) 44800
insulin activ. in albumin fraction of plasma from uncontrolled insulin-requiring diabetics & normal subjects 6127
insulin-like activity of blood 49173
lactic acid & pyruvic acid levels, eff. of carbutamide & tolbutamide (R) 27381
leukocyte glucose utilization (Cz) 48635
lipoproteins, eff. of insulin 40675
protein & lipoprotein levels (Fr) 43980
protein-bound insulin in insulin-treated diabetics & normal subjects, comparison 28871
pyruvic acid levels after inject. of sodium pyruvate (Fr) 28848
*case reports*
extreme daily requirements of insulin followed by periods of complete remission 38198
idiopathic insulin-resist. 35734
in Addison's dis. 6121
in very old woman (R) 16034
periodic insulin resist. in diabetes mellitus with splenomegaly & liver cirrhosis (Rus) 29150
remission in 36 year old subject (Ger) 34838
unselected cases (Heb) 39789
unusual findings 38853
with acromegaly (Sp) 44493
with diffuse cancer of stomach & thrombotic thrombopenic purpura (Pol) 30751
with pernicious anemia (Ser) 51705
*complications*
(Sp) 21197
acidosis & coma, ther. (Sp) 33488
acidosis, humoral insulin antag. in 27843
acidosis, immediate diag. & ther. 17763
acidosis in child., fluid ther., review 52999
acidosis, pathogen. (R) 38894
acidosis, pathogen. & ther. implications (Por) 4357
40211
acidosis, persistent, during mild hyperlipidemia (Pol) 43677
acidosis, ther. 17583
acidosis water-electrolyte disord. (Pol) 38793
acidosis with transient oliguria, case report 10693
Addison's dis., review (Fr) 25075
angiopathy, prev. by sympathectomy (Ger) 26162
arterial dis., management (Sp) 21226
arterial dis., physiol. & physiopathol. (Sp) 21224
arteriosclerosis (Rus) 41855
arteriosclerosis of hands (Dan) 30217
arteritis, pathogen. & sodium chloride ther. 9465
arthritis, ther., intra-articular hydrocortisone & prednisolone (Ger) 10293
Asian influenza in, incidence & eff. (R) 29642
cancer of endometrium, incidence 46988
cardiovasc. (Ger) 51817
cardiovasc. dis., in child., review (Rus) 38744
cardiovasc. dis., ther., 3-methylhydroxyethylamino-2-hydroxypropyl-theophylline nicotinate (Ger) 52249
cardiovasc. disord. (Dut) 37028
cerebral mucormycosis 11735
cervical arthropathy 25872
Charcot's neuropathic arthropathy, case reports 16972
circ. disord. causing chronic infect. of foot (Ger) 11393
clin. pathol. conf. 12340
coma (Ger) 38956
coma after surg. of pancreatic pseudocyst, case report (Fr) 38833
coma, eff. of hyperchloremia on alkaline reserve (Fr) 54474
coma, indic. for fructose ther. (Fr) 11893
coma, irreversible, in child with chronic pancreatitis & pancreatic lithiasis (Sp) 31133

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

coma, symptoms 30150
coma, ther. 19711
coma, ther. (Por) 4360
28084
coma, ther. (Rum) 21899
coma, ther., polyglucin (Rus) 8366
coma, water-electrolyte disord. in precomatose & comatose states, ther. (Pol) 38793
coma with insulin-resist., management with massive insulin admin. (Sp) 21766
coma, with pneumoencephalous form. in pituitary gland (It) 36712
coma with stomach hemorrh. (Rus) 53468
cystic fibrosis of pancreas with unusual pulm. manifest. in adult, case report 14547
excessive weight loss & reactivation of tuberc. in fat diabetics (Fr) 29145
gangrene of foot, heparin ther. 51547
gangrene of hand & forearm, case report (Rum) 52904
gangrene of leg,surg., amputation, hazards of involvement of second leg (Ger) 51816
gangrenous leg ulcer, hydergine ther. (Ger) 19031
gout, statist. 29526
hemochromatosis (Ger) 51814
hemochromatosis & melanodermic porphyria in bronze diabetes (Ger) 11210
impotence, statist. 4508
infect. 54532
insulin lipodystrophy, relation to instability of certain cases 26109
intractable compl. 27896
intercurrents & coma, ther. in GP 52132
kidney disord. (Fr) 45001
Kimmelstiel synd. (Fr) 41433
late synd., prev. & ther. (Ger) 22809
microangioretinopathy, adrenal cortex funct. tests (Sp) 29343
myasthenia gravis, prednisone ther. 43187
myocardial infarct (Ser) 21936
necrobiosis lipoidica 14084
45554
necrobiosis lipoidica, case treated by radical excis. & skin grafting 20398
neurogenic arthropathy of foot, case report (Rum) 52926
neuropathies (It) 39351
12310
49177
neuropathy (Por) 4359
28068
neuropathy, peripheral, symptomatol. (Fr) 37938
neuropathy presenting as initial clin. manifest. of diabetes 1169
neuropathy, retinopathy & nephropathy 17562
neuropathy, sciatic, case report 27353
obesity 8852
obesity, ther., phenmetrazine 38013
oculomotor paralysis, case reports 33027
osseous lesions of foot (Pol) 53157
pancreatic diabetes with pulm. tuberc., x-ray diag. (It) 52931
pemphigus, case report (Fr) 37883
polyneuritis, severe, in patient treated with antibiotics (It) 8049
polyneuropathy (Ger) 46809
prostatic tumors, surg. (Ger) 3383
pulm. tuberc. (Fr) 50767
renal dis., review 40095
retinopathy 41154
49382
retinopathy (Fr) 54069
retinopathy, citrus vitamin P ther. 48429
retinopathy, diag. & clin. aspects (Fr) 54633
retinopathy, hemostasis & intraocular vasc. changes (It) 3855
retinopathy, prev. in child. with vitamin B12 35349
retinopathy, role of adrenal cortex (Ger) 15636
retinopathy, testosterone propionate ther., review (Ger) 28913
retinopathy, visual & vital progn. (Fr) 38683
retinopathy, vitamin B12 ther. 26068
rubeosis iridis diabetica (Ger) 15401
rubeosis of iris 23859
sprue, nontropical, with hypocalcemia & intrinsic factor defic. anemia 24864
Sudeck's atrophy, prednisolone ther. (Ger) 18983
tuberc. (Bul) 45283
tuberc., eff. of antibiotic & chemother. (It) 29644
tuberc., pulm. (Ger) 34348
tuberc., pulm., collapse ther. & pneumonectomy (Ger) 34356
tuberc., pulm., early diag. by x-rays & tuberculin reaction (Ger) 34333
tuberc., pulm., isoniazid ther., eff. on recur. (Ger) 34355
tuberc., value of sanatorium schools (Ger) 34345
vasc. dis., peripheral 3356
19823
vasc. dis., peripheral, statist. (Sp) 13549
vasc. dis., review (Por) 39992
vasc. dis., statist. 28965
vasc. dis.,ther., rice diets 20510
vasc. lesions (Pol) 30855
venous stasis, ther., plant extract drainova (Ger) 4052
xanthomatosis 54866
xanthomatosis (Ger) 377
xanthosis (Ger) 22850

*diagnosis*

cortisone augmented glucose tolerance test for prediabetes 54506
detection programs 3663
17559
determ. of urine glucose by different methods & comparison of results 3359
early diag. of diabetes & prediabetic states in persons over 40 (Pol) 3061A
errors 17450
intravenous tolbutamide response test for mild diabetes mellitus 27247
postprandial urine test 28349
simple enzymatic tests for urine glucose, evaluation of validity of results 3358
Staub-Traugott test with ACTH (Por) 4356
50078
tear glucose levels 37606
uropepsin determ. 24872

*differential diagnosis*

subclinical diabetes from chronic glomerulonephritis 33060

*etiology and pathogenesis*

ACTH & corticosteroid ther. of liver cirrhosis (Sp) 8187
cancer (Ger) 33958
cortisone ther. of Addison's dis. (It) 31676
histopathol. of islands of Langerhans in pathogen. (Ger) 15629
mumps (Sw) 43230
obesity & hered. factors, statist. 27975
pheochromocytoma 8488
relation to war food shortages in Japan, review 7564
steroid diabetes, insulin resist. in & eff. of tolbutamide ther. (Rum) 29158

*experimental*

acetoacetate & glucose uptake by diaphragm & skeletal musc. from rat 40531
acetoacetate utilization by liver of alloxan diabetic rats in vitro, eff. of nicotinamide, colorimetry (Tur) 45436
acetoacetate utilization by liver of alloxan diabetic rats in vitro, eff. of nicotinamide, determ. by distillation method (Tur) 45435
alloxan, eff. on exper. lung neoplasms in mice (Ger) 34160
assay of anterior pituitary hormones in pituitary gland & in blood of alloxan diabetic rats, comparison with normal rats 31289
diabetogenic action of dithizone, eff. of insulin (Sp) 53953
diabetogenic eff. of somatotropin in normal & depancreatized bitches 49176
diabetogenic eff. of triiodothyronine in partially pancreatectomized dogs (Fr) 54881
eff. of alloxan diabetes on uptake of neutral fat by isolated perfused rat liver 35811
eff. of alloxan on glutathione metab. in rat (Fr) 5764
eff. of alloxan on glutathione metab. in rat following ingestion of phenylthiourea (Fr) 5765
eff. of N'-(5-t-butyl-1,3,4-thiadiazol-2-yl)sulfanilamide on m-alloxan diabetes in dog, comparative eff. on mild, medium & severe diabetes (Fr) 15143
eff. of dietary animal & vegetable fats on incidence & mortal. in alloxan rats 35804
eff. of endocrine gland excis. & hormone ther. in baboons 14314
eff. of glucose loading on glucose & hexosephosphate levels & extracellular space in musc. of diabetic mice (Ger) 49905
eff. of implantation of newborn hamster pancreas into cheek pouch of alloxan diabetic hamsters 3427
eff. of insulin on extra-hepatic oxidation of albumin-bound palmitic acid in diabetic rats 47694
eff. on acetone catabolic routes in rats 40535
eff. on acute inflamm. 4675
eff. on albumin-bound palmitate oxidation by fatty tissue & liver in rats 40533
eff. on mineral & water content of bone 40683
electron microscopy of island of Langerhans cells in alloxan-treated rabbits 34955
embryopathy & increased fetal mortal. in progn. rats with mild alloxan diabetes 49174
ethyl alcohol metab., eff. of insulin in dogs 8494
induction by pancreatectomy in geese 3421
oxaloacetic acid determ. in liver of diabetic rats 37109
physiopathol. in rabbits (Ger) 46893
protein mobilization in, eff. of adrenal corticoids & influence of arterenol & epinephrine 734
role of higher divisions of CNS & sex hormones in pathogen. in rats (Rus) 31155
tolbutamide mechanism of action in alloxan diabetic rats 3357
varying severity, in alloxan rabbits (Rus) 31156
with glycogen infiltration of pancreas in rabbits & dogs (Ger) 34023

*heredity*

(Sp) 8883
family simultaneously afflicted with diabetes mellitus & Pelger-Huet anomaly (Ger) 48066

*immunology*

antibodies to insulin in patients never treated with insulin & after 5 years of insulin ther. (It) 19236
antibody response to exogenous insulin in diabetics, quantitative determ. 27248

*in aged*

symposium 40249

*in infant and child*

camp for diabetic child. 17456
dietary management, AMA council report 4452
eff. of glucagon loading test on blood sugar levels (Ger) 16381
eff. of Jerusalem artichoke honey-containing diet on sugar metab. (Rum) 38741
in child. & adolescents, soc. problems (Sp) 28650
initial phase, pathol. (Ger) 47496
insulin-producing capacity of pancreas during indoleacetic acid & tolbutamide ther. 7845
management in camps for diabetic child., daily blood sugar determ. using multi-interval clinitest method 5286
Norwegian Nursing Home (Nor) 10372
summer camps, value (Ger) 3233
with cellular infiltration of islands of Langerhans 11753
with Schmidt's synd. 1407

*in pregnancy*

27254
causing reno-ureteral malform. in offspring, review (Fr) 32370
causing tetany in newborn, incidence 7846
classif. & ther. (Fr) 54870
clin. statist. (Fr) 36636
eff. of carbutamide on blood sugar (It) 9415
eff. of diabetes on placenta morphol. (Ger) 35127
eff. on birth weight & on postnatal loss in inf. 35111
eff. on fetus 14702
eff. on develop. of ossification centers in newborn inf. 35112
fetal mortal. 17643
fetal progn. (Fr) 26256
32414
lipid content of placenta 33839
management 2998 12427 17457 27344
maternal & fetal blood pH, gases, electrolytes & hemoglobin, review 43494
physiol., ther. & eff. on fetus, review (It) 21481
prediabetes as cause of unexplained stillbirth 27245
prediabetes mellitus, relation to diabetic embryopathy (Ger) 40115
prediabetes, relation to perinatal mortal. & congen. abnorm. (Fr) 28228
pre-diabetic period, statist. 35271
progn. (Rus) 46806
46807
relation to large babies 7991
relation to large inf. births, review 20015
relation to birth of inf. above normal weight, review (It) 36235
relation to stillbirth & perinatal inf. mortal. (Rum) 46808
review (Rum) 45109
review (Sw) 45323
statist. 3922
ther. with estradiol valerate & 17α-hydroxyprogesterone caproate 13218
urinary steroid excretion 49170
with advanced vasc. dis., management 2984
with hydramnios & loss of fetal movements, case reports 12395

*metabolism*

carbohydrates 9837
carbohydrates, eff. of salicylates (Ser) 41926
carbohydrate tolerance, eff. of nicotinic acid, comparison with nondiabetics 46923
combined determ. of glucose tolerance & insulin responsiveness 5260
electrolytes (Ger) 49674
electrolytes, eff. of adrenal cortex hormones in obese & slender diabetics (Ger) 15637
fat absorp., correlation with pancreatic funct. test 13157
fructose-containing foods, eff. on insulin requirements in ther. (Ger) 1584
general & hepatic metab. disord. (Por) 51634

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

inositol, urinary excretion (Fr) 3068
review (Ger) 15024
starch & sucrose (Sp) 44564
sulfur (Dut) 15990
zinc content of pancreas, comparison with normal humans (It) 49584

***pathology***

blood vessels, review (Ger) 15040
dent., periodontal & lingual changes, role of dentist in diag. & ther. 50144
eye, clin. value of ophthalmol. data (It) 1107
kidneys 17764
kidneys, electron microscopy of glomerular lesions 51034
kidney pathol., demonstration by sulfide-silver staining method 23971
kidney, transcutaneous biopsy (Sp) 20631
vasc., review 43277

***physiology***

adrenal cortex funct., determ. from blood pyruvic acid response to cortisone admin. (It) 27365
adrenal cortex funct., review & clin. studies 35139
ballistocardiographic aspects in adults with diabetes originating in childhood 2910
ballistocardiography (Pol) 30831
EEG (Ger) 51813
EEG (It) 25695
eff. of glucose meal on blood insulin level (Fr) 13438
eff. of neostigmine on blood sugar regulation 39051
eff. of stress on diabetes & on corticoid secretion 3362
insulin secretion increase (Ger) 22973
kidneys (Ger) 51812
kidney clearance tests in compensated diabetes (It) 21437
liver funct. tests (Por) 44375
physiopathol., review (Sp) 8810
quantity of insulin extractable from diabetic pancreas (Ger) 51811
renal threshold for sugar test in complicated & uncomplicated diabetes (Pol) 53146
skin tolerance test of various insulin prep. (Ger) 3272
study in flying personnel & airline passengers (Fr) 31957
thyroid funct. after treatment with carbutamide & tolbutamide (It) 36753
thyroid funct., eff. of antidiabetics (Sp) 35989

***prevention and control***

in Philadelphia, analysis of mortal. data 24712
practical screening test 27967
screening program in France (Fr) 9649

***statistics***

(Dan) 41985
clin. statist. (Ilus) 43441
in Asians living in Natal 48278
in Ghana, incidence 10971
in Jamaica 22715
in So. Trinidad 22714
in tropics 48288
morbidity (Dut) 43058
mortal. in U.S. 3360
underlying causes of death of patients with diabetes 30103
with asthma 35167

***surgery***

section of pituitary stalk, clin. pathol. cons. 50008A
statist. (Ger) 6058

***therapy***

30936
(Dut) 37027
(Fr) 33417
(Sp) 38534
based on carbohydrate metab. (Ger) 22853
choice & methods 42146
current problems (Fr) 54065
current status (Ger) 11020
diet 12350
diets (Ilus) 10229
diet, calculator for assessment of carbohydrates (Ger) 52222
diet, high-fat (Ilus) 33543
diet, relation to income 17588
diet ther. (Sp) 53915
dietary (Ger) 51819
2,4-dinitrophenol, comparison of metab. eff. with acetylsalicylic acid 2210
educ. of diabetic & his family, relation to success of ther. (Por) 4358
fructose (Sp) 31815
fructose-containing artichoke honey as dietary supplement 54878
hist. 50674
hist. develop. (Fr) 33418
in GP (Ger) 45392
methods of control of metab. balance (Fr) 54066
modified basic diet (Ger) 51818
navajas 27976
objectives of effective management 30252
phenmetrazine for appetite control (Ger) 32968
physician's responsibility (Ger) 51815
progr. (Fr) 41117
progr. (Ger) 46040
review 17638
ther. based on type of diabetes (Sp) 2952

***urine in***

creatine, chromatography (It) 20814
inositol excretion (Fr) 26305
17-ketosteroids, changes caused by pituitary blockade after admin. of desoxycorticosterone gluconide (It) 49586
pituitary gonadotropins in juvenile diabetes (It) 49594
vitamin B12 levels after admin. of high doses 24376
zinc, comparison with normal subjects (Ger) 44928

***DIABETES, RENAL*** *see* **GLYCOSURIA**

**DIACETYLMORPHINE**

***addiction***

transm. of serum hepatitis by intravenous inject. in addicts, case report 52670

**DIAGNOSIS**

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

***see also*** **ELECTRODIAGNOSIS**

***see also*** **PHYSICAL EXAMINATION**

***see also*** **SERODIAGNOSIS**

art of consultation 53271
bacteriol. diag. in small laboratory 12326
42145
clinic & hosp. diag., comparison of accuracy (Ilus) 21804
diag. cystol. 38203
errors, case repeatedly misdiag. for seven years (Ger) 4050
immediate azotemocephol. exam., Docherty method (Fr) 53427
importance of insignificant sympt. (Dut) 7272
instrumental methods, hazards (Ger) 52195
laboratory diag. in surg. (Ger) 29074
long-distance telephone technic of transm. of ECG, heart & resp. sound & other body funct. measurements 42835
psychol. approach to diag. of organic dis. 43791
symptomatol. (Sp) 3310
theoretical bases of clearance methods for funct. tests of general clin. significance (Ger) 11178
various funct. tests, errors in assessment (Ilus) 7925

**DIALYSIS**

***see also*** **KIDNEYS, *artificial***

in kidney dis. in child. 7861
method for rapid dialysis 54838
non-renal technics & appar. in renal insuff., review (Ger) 27390
of isolated proximal half of small intestine in management of uremia, case reports 33115
peritoneal dialysis in management of acute renal failure & uremia 33393
peritoneal in uremia in glomerulonephritis (Rus) 38703
simple rapid method using magnetic stirrer & magnet for agitation of contents of dialyzing membrane 46912
transperitoneal & transcutaneous electrodialysis, eff. on blood pH in rabbits (Fr) 47321

***apparatus and instruments***

automatic water changer & agitator 6506
new microdialysis chamber 12280

***DIAMINODIPHENYL SULFONE*** *see* **SULFONES**

***DIAMOX*** *see* **ACETAZOLAMIDE**

***DIAPHORASES*** *see* **DEHYDROGENASES**

**DIAPHRAGM**

***see also*** **HERNIA, DIAPHRAGMATIC**

***abnormalities***

absence of right hemidiaphragm in 65-year old man, case report 37546
aplasia, complete, in inf. dying at birth (Fr) 38230
bulging of right dome (Ilus) 21897
eventration & relaxation of left side, clin. & x-ray manifest. (It) 25650
eventration, case report (Fr) 40965
eventration, pathol. & surg. (It) 13658
eventration, right-sided, differ. diag. from diaphragmatic herniation of liver 37634
eventration, surg. in 8 month-old inf., case report (Fr) 25456
partial absence, with pneumothorax (Ger) 23118
relaxation of right side, clin. & x-ray manifest. (It) 25651
relaxation with gastric torsion & omental abnorm. (Ilus) 51183

***anatomy and histology***

esophageal hiatus, review (Ger) 27382

***cysts***

pericardiocoelomic cyst, case report (Sp) 44480

***diseases***

sarcoidosis with diaphragmatic hernia & relaxation in 4th cervical myotome synd. (Ger) 29473
echinococcosis (Sp) 25946
25950
elevation, diag. & surg. (Ger) 3285
elevation in transcervital hemorrh. in acute hemorrhagic pancreatitis causing atelectasis, case report (Sp) 1811
endometriosis, causing chronic recur. spontaneous pneumothorax 38151
eventration, acquired, in inf., due to phrenic nerve paralysis during labor 43483
eventration caused by palm. tuberc., in child., case reports (Fr) 25490
flutter, differentiation from cardiovasc. dis. (Sp) 36841
funct. insuff., causing resp. insuff. (Fr) 54163
myositis, primary (Sp) 43981
relaxation, dextrolateral, with interposition of stomach (Ger) 32937
relaxation, pathol. & surg. (It) 13858

***in various diseases***

abdom. pseudodistension, relation of disturbed diaphragmatic movement to pain, dyspnea & dysphagia in hysterical patients 36978
palm. emphysema, clin. & x-ray manifest. (Fr) 50557

***innervation***

sensory nerve expansions, histol. characteristics in monkeys (It) 37524

***neoplasms***

fibroma, case report 19973

***physiology***

electrophysiol., implantation of electrodes (Ilus) 49570
in normal & pathol. cond., diag. value (Ger) 27536
motion, preop. & postop. kymographic determ. in thoracic surg. (Ger) 25789
resp. movements, relation to resp. displacement of sternal notch (Fr) 10041
swelling properties of human diaphragm tendon in acid & alkaline solutions in relation to age of donor 17364

***rupture***

16571
caused by nonpenetrating wds. of abdom. & thorax with fract. of pelvis & lumbar spine, surg. 5881
paradoxical motion of abdom. wall 33001
traum., causing incarceration of stomach & intestine (Ger) 3284

***surgery***

correction of diaphragmatic defect by perlon net, case report (Ilus) 6342
diaphragmatic flap in plastic surg. of bronchial stump (Ilus) 18253
exper. denervation, postop. action potential, determ. by intracellular micro-electrodes in rats (Ger) 53088
thoracic approach for eventration in inf., case report (Fr) 25471
thoracophrenolaparotomy, technic & indic. (Sp) 30993

**DIARRHEA**

***see also*** **DEHYDRATION**

***see also*** **DYSENTERY** 4311



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

chronic, etiol. & clin. picture 13289
classif. according to funct. pathol. 49690
diag. & ther. in GP (Fr) 15188
epizootic diarrhea of suckling rats & mice, clin. manifest. & pathol. 4608
postop. micrococcal diarrhea in adult patients in hosp. surg. wards, statist. 28982

*case reports*

following total colectomy for ulcerative colitis, clin. pathol. cond. 35681

*etiology and pathogenesis*

13777
anabiasis, ther., licorice extracts (Fr) 51511
enteral & parenteral dyspepsia in infantile diarrhea (Cz) 38334
hyperglycemia & non-insulin secreting adenoma of islands of Langerhans, case report 573
proctitis caused by foreign body (Ger) 49056
relation of environmental factors in E. Kentucky 53649
Shigella flexneri 2a & 3 in Alaskan Eskimos 24641

*experimental*

epidemic diarrhea of inf. mice, control & natural hist. 55425

*in infant and child*

(Sp) 44603
bact. etiol. in inf. (Rus) 39746
bacteriol. studies of epidemic in Brazil (Por) 28092
causative bact. in Cuba (Sp) 25676
caused by pathogenic E. coli serogroups, ther., polymyxin B & neomycin 2809
enterovirus 2217
field ther., review 52995
hyg. prev. measures (Sp) 1557
in newborn inf., isolation of Escherichia freundii with complete Salmonella tshoradi antigens (Sp) 8837
infect., relation to denutrition, review (Por) 40224
intestinal bact. & parasites (Pol) 33732
isolation of enteroviruses from feces 41868
mortal., hosp. statist. (Sp) 1817
parasitic, diag. & ther. (Sp) 25677
postacidotic compl., review 53006
review (Fr) 55115
severe, with shock, ther., intravenous prednisolone (It) 42780
ther., chloramphenicol (Sp) 12010
ther., penbiomate methbromide in ileostomic diarrhea & encopresis 26121
urinary reducing sugars, determ. (Sp) 36859
with jaundice, postmortem pathol. 1409

*in pregnancy*

with hypopotassemia & intra-abdom. hemorrh., fatal case 19650

*in various diseases*

argentaffinoma of ileum with hepatic metastases (Fr) 36646
cholelithiasis, case reports (Fr) 39485

*prevention and control*

in Indian jails 50608

*therapy*

antibiotics, indic. 54516
codeine & tricyclamol in chronic non-specific diarrhea, comparison 48265
furmocillanol-iodochlorhydroxyquin prep. in acute diarrhea 4193
ion exchange resins 5184

*DIASTASES see* AMYLASES

DIATHERMY

microwave diathermy, indic. & technic 43956

*apparatus and instruments*

automatic diathermy switch & self-cleaning probe 51344

*effects*

on eye tissue in rabbit 91

*experimental*

temperatures produced by dipolar machine in animal tissues & phenomenon of pearl-chain forma., comparison with continuous AC generator 47783

*in various diseases*

diathermic fistulotomy in rectal fistula 40991
diathermocoagulation in acne rosacea with drug ther. (Rus) 9849
electrosurg. cmare in rhinophyma (Hor) 45429
glaucoma, perforating cyclodiathermy (Cz) 38302
glaucoma, retrociliary cyclodiathermy (Cz) 38301
keratoses, electrosurg. indic. 18802
retinal detachment, multiple type electrode 3527
traum. hyphemia 28347

*DIATRIZOATE see* CONTRAST MEDIA

DIAZO REACTION

in determ. of blood bilirubin, eff. of temperature on reaction kinetics (It) 1917
rate of blood bilirubin, clin. aspects (Dut) 7325
rate of blood bilirubin, value in diag. of cholelithiasis (Dut) 7328

*effects*

on bilirubin-serum albumin bond in blood 32221

*DIBENAMINE see* SYMPATHOLYTICS

*DIBENZYLINE see* SYMPATHOLYTICS

*DIBUCAINE see* ANESTHETICS, LOCAL

DICROCOELIUM

pathology, life cycle, exper. study (Fr) 48832

*DICUMAROL see* BISHYDROXYCOUMARIN

*DIELDRIN see* INSECTICIDES

DIENCEPHALON

*see also* BASAL GANGLIA

*see also* HYPOTHALAMUS

*see also* THALAMUS

electrostimulation in ther. of ment. disord. 15566
x-irradiation in emphthalmos, case reports (It) 31651
x-irradiation of diencephalo-hypothalamic region in ther. of tinnitus (It) 30349

*diseases*

causing disord. of reciprocal action of analyzers (Rus) 34730
diencephalic epilepsy (Rus) 34739
eff. on blood proteins (Rus) 34731
funct. disord. causing aphonia, case report (Fr) 54020
hypoplasia with other cranial abnorm. in mongoloid, x-ray manifest. (Ger) 35427
infect. dis., metab. & neurol. manifest. (Rus) 34727
infect. dis., systemic manifest. (Rus) 34726
infect., hypertrophy, tumors & other lesions causing epileptico-endocrine syad. (Fr) 48941
manifesting as & differentiated from narcolepsy & cataplexy (Rus) 34728
subthalamus, clin. picture & ther. (Rus) 28818
ther., balneother. (Rus) 34732

*effect of drugs on*

indoles on synaptic transm. in lateral geniculate nucleus of cat, review 8349
D-lysergic acid diethylamide on synaptic transm. in lateral geniculate body in cats 28553

*embryology*

maturation in guinea pig (Fr) 38695

*extracts*

lipid extract, induction of splenomegaly in rat, histopathol., review (Ger) 33817
lipoid extracts, eff. on female genitalia, in normal & castrated rats, histochem. aspects (It) 9405

*metabolism*

radioiodine (It) 37477

*pathology*

chromatolysis & vacuolation of specific nuclei induced by acute pyrexia in chick 47103

*physiology*

diencephalon-pituitary gland system (Ger) 34833
eff. of bilateral jugular vein ligation on nucleus supraopticus & nucleus paraventricularis in rat (Ger) 33535
eff. of diencephalic-mesencephalic lesions on aldosterone & hydrocortisone secretion 39191
eff. of electric stimulation on vasopressin secretion, diuresis & urinary sodium excretion in rats (Ger) 29095
eff. of exper. lesions on CNS in dogs (Rus) 36886
eff. of lateral geniculate nucleus destruction on cortical response to lateral geniculate radiation stimulation in cats 44960
eff. of stimulation on limbic system seizures in cats 43126
factors in gyn. dia., Stein-Mirsky test (Sp) 18403
hypothalamo-habenular neurosecretory pathway & antidiuretic activity of habenular ganglia in hen (Fr) 26941
subthalamic hyperkinesis in monkey, eff. of secondary lesions in red nucleus & brachium conjunctivum 5514

*wounds and injuries*

causing epilepsy, chlorpromazine ther. (Bul) 45291

*DIETHAZINE see* MUSCLE RELAXANTS

*DIETHYLCARBAMAZINE see* ANTHELMINTICS

DIETHYLSTILBESTROL

*determination*

colorimetry 40370
in cattle feed supplements, microbiol. assay using Micrococcus pyogenes aureus 13348

*effects*

feminization of gonads of male turtle (Fr) 26879
induction of urolithiasis in feedlot lambs following implantation in ear 28183
low dietary admin. on gestation & lactation in rats 41226
on adrenal glands of guinea pigs & rats, comparison 50523
on alcoholic consumption in rat (Fr) 15076
on choline-defic. weanling rats, comparison with cottonseed oil & fatty acids 41235
on energy utilization of growing chick 35807
on growth of fattening calves, with oxytetracycline (It) 1955
on urinary excretion of gonadotropins in normal women 58518
on uterus weight in immature mouse, response to dietary fat 39201

*injurious effects*

endometrial hyperplasia, massive 17852
prostate hypertrophy, with testosterone propionate 33108
pubertas praecox in 4 year old girl, use in hair lotion (Dut) 7330

*related compounds*

diphosphate, concentration in prostate tissue, eff. on amount of estrogen recoverable from tissue extracts 55031
diphosphate ther. of prostatic carcinoma 37665
metab. in women (It) 21490

*therapeutic use*

acne & amenorrhea in patient of pulm. tuberc. & liver dis., causing hemolytic anemia 23329
cancer of prostate, with castration, survival statist. 11076
nephrotic syad. in inf. 1028

*toxicity*

in cats, pathol. of various organs after prolonged admin. 5626

DIETITIANS

diet manual sharing by hosp. 49959
dietitian serves a super-market chain in answering inquiries, testing food & educating pub. in nutrition 50161
hosp., relation to patients 16208

*education*

dietitians' aides (Ger) 22060
teaching dietitian, keeping up with nutrition research 16551

DIETS

adapting ther. diets to eating patterns of Italian-Americans 24378
Amer. Dietetic Assoc., presidential address 28114
balanced diet arrangement (Rus) 33641
calories & essential amino acids in exper. diet in humans, relation to utilization of ascorbic acid 16557
desserts in diets of hospitalized aged patients 42859
develop. of dietary manual 48430
dietary supplementation of proteins & amino acids 13644
dietetics in med. educ. (Ger) 22062
diets containing large amounts of linoleic acid 24391
eff. of changing socio-econ. factors on dietetics in U. S. 28115
fat, protein, sodium & calories in diets in Hawaii hospitals & homes 50155
feeding through naso-esophageal tube in patients in hosp. laryngol. department (Fr) 43952
high carbohydrate diets for work at high altitudes, value (Fr) 39474
in modern therapeutics (Ger) 22857
in-patient dietary instructions, relation to hosp. setting 16552
low & high calorie diets, composition 43700
low-calcium diet, adaptation determ. 40244
low-fat & gluten-free diets 53299
low-salt diets 53277
low-sodium diets, physiol. adaptation & clin. use 28132
low-sodium diets with bananas as staple 30097

- nutritional value of patient-selected versus unselected menus 16355
- oral bouillon feedings for postop. maintenance of body fluid balance 17501
- physician's experiences as patient in dietary sanatorium (Ger) 16108
- postop. diets 40242
- psychol. of dietary change 12647
- relation to endocrine dis. (Por) 3697
- relation to etiol. of skin dis. 2624
- selective diets in med. practice (Ger) 22855
- sulfur content & net protein value, correlation 52337

*effects*

- acid diet with estrogen load inducing cancer in mouse (Fr) 38675
- atherogenic diet on elastase content of pancreas in chickens (It) 48126
- biennal, eff. on metab. (Ger) 42351
- cariogenicity of various diets for rats, influence of content of milk 41227
- corn oil margarine substituted for all solid fats in diet causing reduction of cholesterolemia 40779
- dietary supplements on weight increase & efficiency of food utilization of rats on protein-free, amino acid-containing diet 49375
- eff. of major dietary constituents on growth response of rats to vitamin B12 20774
- fat level & carbohydrate type on growth & food intake of rats 28571
- fat level on nicotinic acid requirements of mice 28576
- high carbohydrate, fat-free diet on blood cholesterol ester fatty acid composition 20766
- high-fat, cholesterol, thiouracil & sodium cholate diet causing myocardial infarct in rats 48705
- high-fat diet, on coronary & peripheral arterial circ. in essential hyperlipemia 35728
- high-fat diet on susceptibility to thrombosis 27966
- high-fat diet on vitamin B1 requirement in rats (It) 36778
- high-potassium diet causing modification of catabolic eff. of ACTH in rats 49278
- high-protein diets on portal vein pressure, review 20016
- high-protein diets on pre- & post-op. blood protein levels in gyn. surg. (Rus) 41983
- high-protein high-nucleic acid diet on incidence of N-2-fluorenylacetamide-induced tumors in rats 31309
- human food diets on dent. caries incidence in rats 17211
- induction of exper. myocardial infarct in rats, histopathol. study 35642
- liquid diet on induction of peptic ulcer by cinchophen & histamine alone & combined in rabbits 24842
- low-calcium diet, on phosphorus retention 40245
- low-protein diet on schistosomiasis in mice 32510
- necrogenic diets, stimulating eff. of enzyme inhibitors on liver necrosis in rats (Sp) 44501
- non-protein diets, eff. on nucleolar size & ribonucleic acid content in liver & hepatoma cells in rats 35357
- normal, low-fat & vegetable-oil diets, on hypercholesterolemia 2945
- normal, mixed & citrus fruit diets, on vitamin C content of blood & milk of goats (It) 25640
- on calcium & strontium deposition in rat bone 44951
- on conditioning of mothers by nursing rats 41231
- on cholesterol metab., exper. study 50153
- on choline oxidation rate in liver in exper. hyperthyroid rats 12513
- on course of radiation inj. in animals, review (Rus) 33623
- on creatine & histidine cycle. in musc. of animals 19615
- on distribution of blood protein fractions in rats (Ger) 42030
- on exper. Brown-Pearce tumor 30020
- on facial bones, morphol. changes in less than 1 generation due to dietary changes in Eskimo population (Fr) 38652
- on growth & capillary resist. in guinea pig (Fr) 41924
- on liver composition in combination with prolonged exposure to cold on rats 727
- on morphol. of rat thyroid (Ger) 48208
- on number of free ruminal bact. in sheep 25163
- on oxidation of blood cholesterol by liver in guinea pigs & rats (Fr) 26693
- on salivary protease activity in caries-susceptible rats 41234
- on urinary nicotinic acid in rats exposed to x-rays (Rus) 22675
- prod. of atheroscl. in mammals, review 28153
- protein content on nitrogen balance & on musc. strength after train. in humans (Ger) 40179
- protein-free diet on collagen content of mice 41344
- protein-free diet on ovarian & uterine responses of rats to exogenous gonadotropins 31298
- protein level on blood cholesterol levels in chicks 41230
- semipurified diets on reprod. & lactation in female dogs 5538
- semipurified rations on ration digestibility & nitrogen balance of lambs, eff. of cellulose & nitrogen levels 5540
- water-soluble chemically defined diets on growth of mice, quantitative studies 25431

*in pregnancy*

- diet survey technic & nutritive value of diets taken by primigravidas 37596

*in various diseases*

- 12344
- alcoholic cirrhosis (Fr) 8131
- arteriosclerosis 3786 4427 16547 53567
- arteriosclerosis, eff. on blood cholesterol 52680
- atherosclerosis, eff. on thyroid funct. (Rus) 33629
- blood fluids in active duodenal ulcer, eff. on pH of stomach contents 38628
- cancer, French cancer dietetic (Fr) 22181
- cancer of uterus with radiother. 6477
- cardiovasc. dis. prev. (Ger) 42380
- constipation (Ger) 16323
- coronary arteriosclerosis in U. S., epidemiol. factors 16546
- coronary atherosclerosis, eff. of special diets on blood cholesterol (Rus) 33628
- diabetes mellitus 12350
- diabetes mellitus (Ger) 51819
- diabetes mellitus (Rus) 10229
- diabetes mellitus (Sp) 53919
- diabetes mellitus, fructose-containing artichoke honey as dietary supplement 54878
- diabetes mellitus in child., AMA council report 4452
- diabetes mellitus in child., eff. of Jerusalem artichoke honey-containing diet on sugar metab. (Rus) 39741
- diabetes mellitus, modified basic diet (Ger) 51818
- diabetes mellitus, relation to income 17560
- dystrophy in inf., fat content (Por) 40229
- efficacy & hazards 51542
- epilepsy in child., review (Ger) 35573
- fat restricted diets for excess serum cholesterol in coronary dis. 21018
- flatulent dyspepsia (Fr) 39483
- gastritis, chronic (Fr) 9647
- gluten-free diet in hypoproteinemia after gastrectomy, case report 14231
- gluten-free diet in malabsorp. synd. 2593
- gluten-free diet in regional ileitis with steatorrhea (Dut) 43069
- gluten-free diet in sprue 28580 33052
- gluten-free diet in steatorrhea (Fr) 38815
- hypertension, eff. of meat & vegetables on various cardiovasc. factors (Rus) 10236
- hypertension, eff. of protein content (Rus) 33627
- hypertension, salt-free diet, comparison with hydergine ther. (Ger) 49134
- irritable bowel 38837
- liver cirrhosis 35894
- liver cirrhosis (Ger) 11177
- liver cirrhosis, diet in etiol. & ther. (Sp) 15501
- liver dis. 12348
- liver dis. (Fr) 33408
- liver dis., progr. (Ger) 54328
- liver dis., ther. (Sp) 3322 3329
- low-fat diet with unsaturated fatty acids in cholesterolemia (It) 3874
- low-salt diet in Ménière's dis., with vitamin C-vitamin P prep. 3530
- seasonal otorhinolaryngol. dis., stress concept applied to nutritional management 18490
- nephritis, chronic (Fr) 54168
- nitrogen retention, indic. (Fr) 31078
- nutrition disord. in child. (Sp) 13888
- obesity 37704
- obesity (Dan) 41982
- obesity (Ger) 29485
- obesity, Banting's diet 18413
- obesity caused by HI disord. (Rus) 31152
- obesity in cardiacs (Ger) 49877
- obesity, liquid formula diet, review 20012
- obesity, with psychother. (Ger) 49030
- phenylalanine-restricted diet in phenylpyruvic oligophrenia in inf. 16545
- phenylketonuria, need for early dietary control 2218
- post-gastrectomy synd. 55435
- prev. of dent. caries & obesity in older child. (Dan) 51412
- protein-calcium enriched,in osteoporosis in aged (Fr) 41931
- protein diet in CNS sympt. after portacaval shunt in liver cirrhosis (Sw) 4327
- salt-free diet, indic. & contraindic. (It) 8602
- self-selected in massive gastric hemorrh. (Dut) 19738
- skin dis. (Ger) 19380 34041
- tuberc., in sanatoria (Fr) 10221
- tuberc., ambul., importance of dietetic-hygienic regimen in sanatoriums (Ser) 33380
- tuberc., pulm., protein composition (Rus) 31381

**DIFFUSION**

*see also* **DIALYSIS**

- diffusion coefficient determ. by gel-precipitin technic in determ. of molecular weight of antigenic proteins by diffusion analysis 1683

***DIGESTIVE SYSTEM*** *see* **GASTRO-INTESTINAL SYSTEM**

**DIGITALIS**

- anat. of inflorescence of Digitalis purpurea 41319
- [illegible], inc. after oral admin. in dog (Fr) 26852
- digitalis-like eff. of acridine orange on ECG of dog (It) 15249
- Digitalis lutea, phytochem. during 1st year growth 4583
- diminution of sensitivity to digitalis by rubidium chloride, analogies with potassium (Fr) 15098
- glycosidal content of Digitalis lanata at various stages of growth (Fr) 30599
- morphol., histol. & glycoside biosynthesis in Digitalis purpurea, eff. of gibberellic acid of 1st year's growth 40371
- purpurea, dynamics of accumulation of cardiotonic glycosides in leaves 9485
- purpurea, eff. of fermentation on glycoside content (Dut) 20312

*administration*

- optimal dose 28850

*determination*

- digitoxin prep., assay 4449
- glycosides determ. by colorimetry with 2,4-dinitrodiphenylsulfone 5753
- quantitative determ. of digitalis alkaloids by color reaction with 1,3-dinitrobenzene (Ger) 39893

*effects*

- digitalis & lanatoside C, eff. of hemorrh. & ligation of portal vein on lethal dose in guinea pig (Fr) 26938
- digitalis, on sinus pulse in rats (Fr, Dut) 48544
- digitalis-calcium relationships (Ger) 22879
- digitonin use in prep. of phosphorylating subfragments of rat liver mitochondria 40527
- digitoxigenin on coronary blood flow in cat heart-lung prep. (Ger) 38611
- digitoxin & lanatoside C on ECG & myocardial morphol. in guinea pigs (Ger) 55542
- digitonin on adrenal weight & on blood volume in normal & in pregn. rats 24818
- induction of tonic bradycardia, significance of carotid artery & aortic chemoreceptors in cats (Ger) 34009
- lanatoside C on electrolyte metab. in congestive heart failure 31793
- on blood coagulation & heparin sensitivity in normal subjects & in compensated & decompensated heart dis. (It) 39654
- on blood vessels of isolated human hearts after myocardial infarct & angina pectoris (Rus) 52371

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

on ECG 28654

on ECG (Ger) 6740

on intracellular potassium ion concentration, chem. & morphol. study 50721

on isolated right ventricle of guinea pig, comparative action of digitalis leaf prep., digitoxin, digoxin & ouabain 41290

41321

on oxygen consumption of myocardium in vitro 5263

*in blood*

digitoxin binding by proteins 17929

*injurious effects*

(Ger) 33894

allergic reaction causing urticaria 54867

auric. flutter, case report 19891

atrioventric. block, case report 500

chromatopsia (Ger) 43350

rapid ventric. rate as paradoxical manifest. of intoxication during auric. fibrill. 12218

reverse Wenckebach block & complete AV dissoc. in presence of potassium 14958

*metabolism*

acetyl-digitoxin-α & desacetyl-lanatoside D from enzymatic degradation & alkaline hydrolysis of lanatoside D (Ger) 49323

digitoxin, subcellular localization, radioisotope determ. 17930

selective uptake of digitalis glycosides by Convoluta species (Ger) 46165

*poisoning*

causing ventric. tachycardia & fibrill. with Stokes-Adams seizures, ther., intravenous potassium 3919

in heart dis. patient 35647

*therapeutic use*

acetyldigitoxin, hemodynamic eff. in mitral patients (It) 48990

acetyldigitoxin in cardiovasc. dis., indic. (Fr) 54060

acetyldigitoxin in congestive heart failure (Sp) 44563

auric. fibrill., high dose transforming paroxysmal to permanent fibrill. with consequent dramatic recovery 50198

congestive heart failure (Sp) 53973

congestive heart failure, comparison with strophanthin (Ger) 33891

deacetyl lanatoside C, clin. evaluation 43163

deacetyl lanatoside C-lanatoside D prep. in auric. arrhythmias 24342

digitoxin-Rauwolfia alkaloid-theobromine sodium salicylate prep. in hypertension (Ger) 45400

digitoxin with Rauwolfia alkaloids & theobromine, in hypertension (Ger) 29471

digoxin in heart dis. in inf. & child. 445

exertional dyspnea in chronic heart dis., results alone & with diuretics 40301

heart dis. in child., admin. of digitalis & acetyl-digitoxin (Ger) 36519

indic. & contraindic., review 50739

lanatoside A in congestive heart failure (Ger) 49072

lanatoside C in congestive heart failure (Ger) 22842

lanatoside C in congestive heart failure, results of prolonged ther. 6529

lanatoside in congestive heart failure in child. (Rus) 53039

prev. of hyaline membrane dis. in newborn, admin. & dos. 38414

DIHYDROSTREPTOMYCIN

*see also* TUBERCULOSIS, *therapy*

dihydrostreptomycin pantothenate, exper. & clin. evaluation, review (It) 9312

*effects*

on E. coli & Aerobacter aerogenes grown under aerobic & anaerobic conditions 40860

on exper. leprosy, mechanism of action (Por) 21085

on exper. tuberc., admin. with various volatile oils & their components 36959

on labyrinth (Tur) 45437

*injurious effects*

tox. eff. on cochlea among So. Africans (Fr) 47480

*related compounds*

dihydrodeoxystreptomycin, ther. trial in pulm. tuberc. 40425

*therapeutic use*

brucellosis, with chlortetracycline (Sp) 27209

chronic resp. dis. of chickens, admin. in dust form. 20185

DIHYDROTACHYSTEROL

test of anti-catabolic activity of 4-chlorotestosterone acetate, in rats (It) 36886

*effects*

calcium acetate-dihydrotachysterol sensitization for induction of cardiac lesions by various agents 35632

coronary vasc. hypersensitivity, eff. of magnesium & potassium chlorides in rats 4253

*therapeutic use*

hypoparathyroidism, primary (Sp) 21190

*DIHYDROXYPHENYLALANINE see* DOPA

DIIODOHYDROXYQUINOLINE

*therapeutic use*

liver amebic abscess, with chloroquine diphosphate (Sp) 21162

trichomonal vaginitis, combination with other drugs 28340

*DIIODOTYROSINE see* THYROXIN, *related compounds*

*DIIODOTYROSINE see* TYROSINE

*DIISOPROPYLFLUOROPHOSPHATE see* ISOFLUROPHATE

*DILANTIN see* HYDANTOINS

DIMERCAPROL

*effects*

catalysis of peroxidation of unsaturated fatty acids in myocardial prep. 1680

on amino oxidase & amino acid decarboxylase of normotensive & hypertensive rat kidney 40348

on exper. nitrofurazone pois. in dogs & rats (Fr) 28421

on phagocytosis of bact. in vitro 54387

on pigment secretion from histiocytes of connective tissue in exper. glycosuria in mice 7654

on response of animals to admin. of magnesium arsenate phosphor 46888

*related compounds*

aryl ethers of dimercaprol & their antimony mercaptides, prep. & testing for schistosomicidal action 9605

*therapeutic use*

hepatolenticular degen. 53536

lead encephalopathy in child., post-ther. ment. develop. 8711

*DIMETHYLAMINOAZOBENZENE see* CARCINOGENS

*DIODONE see* CONTRAST MEDIA

*DIODOQUIN see* DIIODOHYDROXYQUINOLINE

*DIODRAST see* CONTRAST MEDIA

*DIONINE see* ETHYLMORPHINE

*DIPEPTIDASES see* PROTEASES

*DIPHEMANIL see* PARASYMPATHOLYTICS

DIPHENHYDRAMINE

*effects*

antihistaminic eff. in combination with various adjuvants 36579

on Shwartzman phenomenon in rabbits (Rus) 13861

on skin reaction to radiophosphorus in rabbits (Rus) 19806

potentiation of acetylsalicylic acid, determ. by Domenjoz test (Fr) 12992

*related compounds*

α-(p-chlorophenyl)-α-methyl-α-benzyl-N,N-dimethylethylamine-8-chlorotheophylline-caffeine prep. in control of postop. vomiting (Ger) 33195

α-(p-chlorophenyl)-α-methyl-benzyl-N,N-dimethylethylamine-8-chlorotheophylline-caffeine prep. in ther. of x-ray pain. (Ger) 39884

orphenadrine, phenoxedil. & pyrathiazine..? (Fr) 47460

orphenadrine-reserpine, tests for psychiatric eff. in dogs 6674

orphenadrine ther. of depression due to reserpine (Ger) 43391

ther. of paralysis agitans, clin. & myographic studies (Ger) 39038

*therapeutic use*

allergic reactions to intravenous urography, comparison with chlorphenirpamine 19982

allergy, with prednisolone for short-term ther. 13148

bladder sphincter incontinence following prostatectomy, with neostigmine, case report 42151

diphenhydramine methiodide-aminopyrine-aminopyrine gentisate prep. in rheum. (Fr) 53316

nausea (It) 51972

nausea in postop. pain (It) 2881

postencephalitic parkinsonism (It) 31696

premedication, comparison with other drugs 52686

sleep disord. (Rus) 33558

torsion spasms & post-shock nausea & vomiting in ment. patients 12589

*DIPHENYL see* BIPHENYL COMPOUNDS

*DIPHENYLHYDANTOIN see* HYDANTOINS

*DIPHOSPHOPYRIDINE NUCLEOTIDE see* COENZYMES

DIPHTHERIA

bovine, manifest. & differ. diag. from infect. rhinotracheitis & shipping fever in cattle 40418

toxin, demonstration by Elek-Ouchterlony test (Ger) 34465

toxin, eff. on metab. of HeLa cells 50529

toxin-protein, eff. of papain & trypsin on 14898

toxin-protein, properties & antigen content 2056

*case reports*

(Pol) 30343

uterine cervix (Sp) 53968

*complications*

arterial embolism (Rum) 45152

cardiovasc. dis., early manifest. in malignant diphtheria, case report (Fr) 431

ear dis. (Fr) 20531

myocardial involvement in angina diphtheritica, assessment by determ. of blood glutamic oxalacetic & glutamic pyruvic transaminase levels & ECG (It) 54223

myocarditis & EKG changes 18863

otitis media in adults, case report 41072

polyneuritis (Ger) 371

postdiphtheric paralysis (Ger) 52564

*diagnosis*

agglut. reaction with diphtherial antigen (Rus) 55828

bacteriol. evaluation (Pol) 29502

test of cytopathogenic eff. of toxins from throat swabs on monkey kidney tissue cultures (Fr) 47389

*epidemiology*

in dry sausages, carriage of bacilli (Pol) 53168

in Israel 235

*experimental*

eff. of antibiotics on duration of bact. carriage (Uk) 29554

in immunized & sensitized guinea pigs (Rus) 52962

mechanism of resp. insuff. in animals (Rus) 36882

*immunology*

anatoxin, prep. of highly purified anatoxin by chromatography on calcium phosphate (Fr) 47411

antibody in blood after resection... in rabbits (Rus) 11491

antitoxin, in vitro prod. by tissues of immunized animals 28430

37571

combined diphtheria & tetanus vacc., review (Fr) 9179

determ. of antitoxin by hemagglut. test, comparison with in vivo tests 17883

human antisera to purified diphtheria toxoid, comparison with antisera to other purified antigens by gel diffusion technics 5069

immune sera, eff. of gamma rays on immunol. properties (Rus) 34656

intravenous inject. of antitoxic diphtheria serum in suspected cases 25151

kinetics of antibody elimination (Ger) 46896

long-term efficiency of separate & combined antigens administered early in life 37739

post-vacc. immunol. & revacc. (Rus) 55793

premunition to inject. of lethal doses of bact. in guinea pigs (Ger) 11241

prep. of synthetic medium promoting antibody synthesis & incorporation of amino acids into antibody 28430

summation of immunol. stimuli (Rus) 34655

toxin causing skin inflamm. in guinea pig, anti-inflamm. eff. of pepsin, salmine & thymus histone (It) 37305

toxin eff. on guinea pigs, influence of admin. with salmine (It) 13953

toxin inject. in rabbits causing dystrophic lesions in skeletal musc. 141

*physiology*

arterial oscillometry (Rus) 20279

ECG changes (Rus) 53043

liver funct., determ. by thymol-veronal test (Rus) 53045

*prevention and control*

diphtheria-tetanus-whooping cough vacc. in young inf. (Sp) 18117

in Gt. Brit. 14281

in Israel, comparison with other tropical countries (Heb) 3966

revacc. of child. within 2 year period (Pol) 7822

Schick test results in Royal Air Force boy entrants 44260

vacc. in Italy, results (It) 1115

vacc., review (Fr) 9173

*therapy*

(Ger) 49097

laryngeal, intubation, hist. in Hungary (Hun) 16069

*transmission*

by ice cream (Hun) 34658

carriers chlortetracycline ther. (Hun) 34654

carriers, control measures (Ger) 43317

carriers, detection & antibiotic ther. (Hun) 36375

carriers, disinfect. with erythromycin (Ger) 15351

carriers, ther., erythromycin (It) 2979

carriers, ther., methods & results in Italy (It) 21476

**DIPHYLLOBOTHRIUM**

chem. composition in plerocercoid & adult stages 27423

**DIPLOCOCCUS**

*infections*

cirrhp., joint dis. in seal hunters (Nor) 45763

**DIPLOCOCCUS PNEUMONIAE**

staining method 5668

*culture*

develop. of L forms 4711

eff. of pneumococcal factor 103 from culture on virus receptors & inhibitors in fowl, guinea pig & squirrel erythrocytes 46773

*effect of drugs on*

streptomycin, resist., develop. after treatment with serum albumin prep. 54389

*metabolism*

uronic acid epimerase in type I, determ. 13767

**DIPLOPIA**

of Abraham Lincoln 49394

postop. diplopia in strabismus, prediction & prev. (It) 13941

*etiology and pathogenesis*

fract. of zygoma & orbit, surg. indic. & technics 24667

zygomatico-maxillary fract., diag. & ther. 23845

*surgery*

stretching of oculomotor musc., technic (Fr) 24884

*DIROFILARIA see* FILARIOIDEA

**DISABILITY EVALUATION** 18662

(Cz) 36359

(Nor) 10374

borderline cases, medicolegal aspects (Ger) 42885

in brain inj. (Dan) 45537

in Canada, disabled persons allowances program 51567

in Czech., evaluation of disability & partial disability (Cz) 14837

in E. Germany, standards & goals of state insurance organiz. (Ger) 49046

in indust. accid., expert testimony (Fr) 44775

in inj. aggravating pre-existing arthritis 40183

in pensional disability in Denmark (Dan) 51413

objectivity of opinion 38835

physician's responsibilities in soc. security disability program 5860 10857 18665 23724 38657 37251 45074 47851

problems in standard. 21852

reclassif. of phys. disability in France (Fr) 13477

resp. funct. tests of U. S. military personnel in compensation consideration, statist. 10888

responsibilities of physician 15913

role of orthopedic surgeon 48756

*in various diseases*

blood dis. 10443

eye dis., frequency of justified, disputable & unjustified claims for compensation (Ger) 28886

fract. of patella & acq. medicolegal factors (It) 243

gyn. dis. in working women (Ger) 15379

hearing disord., detection of simulated & exaggerated deafness by electrodermal reflex (Fr) 21258

hearing loss (Ger) 46151

hearing loss (Sp) 21205

heart dis. 9266

heart dis. in military personnel (It) 39695

partial temporary invalidity, medicolegal factors (It) 242

peripheral nerve inj. of upper extremity (Hun) 34699

permanent impairment of visual system 4505

post-traum. epilepsy, use & abuse of ECG in medicolegal diag. (It) 9336

post-traum. lesions (It) 6927

pulm. tuberc. (Hun) 9865

rheum. (Ger) 43800

rupt. of collateral ligaments of knee, permanent disability evaluation & compensation in Austria (It) 21463

silicosis, autopsy verification of life-time diagnosis for disability income (It) 252

silicosis, medicolegal evaluation of diminution of work capacity by resp. funct. tests (It) 21464

simulation of bactache, medicolegal value of diag. technics (Sp) 15527

spondylarthrosis in indust., medicolegal factors in Argentina (Sp) 3335

*DISABLED see* HANDICAPPED

**DISACCHARIDES**

*see also* LACTOSE

*see also* MALTOSE

*see also* SUCROSE

from mixture of dermatin sulfate with chondroitin sulfate 22257

*determination*

neuraminidase-susceptible disaccharide in bovine salivary mucoprotein 55565

trehalose determ. & application to study of fungi (Fr) 1065

*effects*

on oxygen consumption of Microsporum gypseum (Ger) 3989

*metabolism*

Cellvibrio gilvus preferential utilization of cellobiose over glucose 40443

40444

Corynebacterium alcaligenes prod. of 3-ketoglycosides as catabolic intermediates 47974

phosphorylation of cellobiose by Ruminococcus flavefaciens 28219

*preparation of*

2-O-α-D-glucopyranosyl-D-glucose, method 29810

**DISASTERS**

*see also* CIVIL DEFENSE

*see also* EXPLOSIONS

*see also* FIRES

Ashkhabad earthquake, management of bladder inj. (Rus) 10713

blood transfusion requirements 6771

dent. serv. in major disaster 38104

disaster ambulance & mobile first-aid station 40111

disaster drill, for hosp. community cooperation 16209

disaster exercise Operation Alfa at Tulane University 40330

disaster exercise Operation Star in California 40329

disaster program in London area 18401

Flint, Michigan tornado, management of mass casualties 5385

hosp. disaster plan 40010

hosp. disaster planning, coordination by area hosp. council 16190

hosp. plan, basic train. & bed reservoir responsibilities 39998

hosp. plans, yardstick for testing, AMA council report 16590

hosp. program with volunteers, trial run 16237

list of survival items required in event of disasters 6772

mass blood transfusions in (Nor) 22238 6498

mass casualties, emergency care program, econ. factors of med. man power, time & equipment

mass casualties, organiz. of nursing care 16174 19990 19991 19993

mass casualty planning & management 19966

mass disasters caused by atomic warfare, physicians' tasks 45538

mass treatment program for burn casualties 41413

med. care 40336 50313

med. preparedness 19983 44851

nurses' role in emergency chst. care in major disaster 52789

Pittsburgh's first disaster drill with simulated casualties 40326

prev. med. & pub. health aspects 6767

proposed plan for community mutual assistance in event of mass casualties 6766

responsibility of phys. therapist in disaster planning 8017

role of AMA in disaster planning 36875

sorting in management of mass casualties 42817

tornado in Wisconsin 5281

**DISEASE**

*see also* CHRONIC DISEASE

*see also* COMMUNICABLE DISEASES

*see also* ENDOCRINE DISEASES

*see also* METABOLIC DISEASES

*see also* OCCUPATIONAL DISEASES

*see also* PSYCHOSOMATIC DISEASES

changes in physiopathol. of dis. during sleep, mechanisms 11626

changes in stream of consciousness & ment. stimulation as first symptoms 20551

changing concepts (Ger) 42313

changing patterns of dis. 24344

definition (Rus) 33490

endemic dis., prev. by adequate nutrition program in Brazil (Por) 13607

Internat. Classif. of Dis. 7543

mathematical correlates of 2 associated dis. 16271

most prevalent dis. in Filipino men 49849

nosol., definition, diag., nomenclature & classif. (Nor) 22233

personality factors in healing process 14677

philosophy of concept (Ger) 38967

prev. ther. in early stages of severe dis. (Sw) 45342

rhythm, polarity & time factor, review (Ger) 11042

spontaneous & induced changes of dis. process in internal dis. (Ger) 49137

syntropic research (Ger) 15459

systemic dis., x-ray signs in skull, review 24440

*etiology and pathogenesis*

cause of increase of certain dis. (It) 42616

hered. aspects of dis., review 48389

multiple factors in causation of dis., implications in diag. & ther. 38674

relation of dis. susceptibility to blood groups, review (It) 21012

relation of morbidity to housing quality, Johns Hopkins longitudinal study 35839

relation to life experiences & soc. environment 36254

susceptibility, relation to life experience & personality characteristics 8424

**DISGERMINOMA**

*case reports*

abdom. dysgerminoma in pseudohermaphroditism (It) 25539

dysembryoma of CNS (Fr) 35233

heterotopic dysembryoma of conus medullaris, case reports & review (Fr) 35232

larynx, metastatic (Rus) 45745

malignant seminoma of testis (Por) 31855

of retained testis, with torsion on pedicle (It) 25597

ovarian, pathogen. & clin. picture (Ger) 34591

seminoma, intra-abdom., with male pseudohermaphroditism (Ger) 27702

seminoma, late develop. after orchiopexy 33105

temporomastoid region in newborn inf., surg. (Fr) 36158

with male pseudohermaphroditism (Pol) 30749

xanthomatous tumor with histol. characteristics of heteroplastic dysembryoma of anterior mediastinum (Fr) 35265

*complications*

spontaneous rupt. causing acute abdom., case reports (It) 1499

*etiology and pathogenesis*

mumps orchitis with atrophy, case report 8106

*in aged*

seminoma in males over 70 years of age (It) 36720

*in infant and child*

pharyngeal dysembryoma in 3-year old child (Fr) 47474

*therapy*

x-ray ther., appar. for protection of testes during ther. 42089

*urine in*

chorionic gonadotropins in dysgerminoma of testes, determ., diag. & progn. value (Fr) 14384

*DISINFECTANTS see* ANTISEPTICS

*DISINFECTION see* ANTISEPSIS AND ASEPSIS

**DISLOCATIONS**

characteristics of common disloc. (Sp) 53975

in convulsive seizures, case reports & review (Ger) 27379

*DISPENSARIES see* CLINICS

*DISPENSARIES see* OUTPATIENT SERVICES

*DISTOMA HAEMATOBIUM see* SCHISTOSOMA

*DISTOMA HEPATICUM see* FASCIOLA HEPATICA



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

**DISTOMIASIS**

*see also* CLONORCHIASIS

*see also* SCHISTOSOMIASIS

hepatic, blood picture, comparison with peritoneal fluid in cattle (Pol) 33712

hepatic, peritoneal fluid physicochem. & microscopic properties in cattle (Pol) 33713

lungs, x-ray manifest. 47219

parapneumonia, clin. study 2857

parapneumonia of CNS, pathogen. & ther. 2858

parapneumonia of lungs, x-ray diag. (Rus) 10810

*case reports*

caused by Dicrocoelium lanceolatum (Fr) 37934

common bile duct, preop. cholangiography (Fr) 53436

lungs (Fr) 50662

skin, assoc. with creeping eruption (Sp) 13886

*complications*

bilia pulm. infiltrates in hepatic distomiasis (Fr) 28380

Opisthorchis felineus infestation causing acute cholecystitis, ther. (Rus) 45669

*differential diagnosis*

pulm. tuberc. (Rus) 31231

pulm. tuberc., serodiag. (Ger) 55580

*epidemiology*

in France, epidemic of distomiasis hepatica (Fr) 5315

in Mexico (Sp) 43936

*prevention and control*

in Lithuania (Pol) 33711

*therapy*

carbon tetrachloride, emulsions for subcutaneous admin. (Pol) 33714

chloroquine (Ger) 55579

**DISULPIRAM**

*effects*

on blood chem. in normal dogs (Ger) 1604

on oxidative phosphorylation of rat brain & liver mitochondria 8498

*injurious effects*

case reports 8500

heterochromic paralysis during alcoholism ther. (It) 32120

fatal cardio-circ. collapse in alcoholic treated with bismuth for syphilis (It) 6925

psychiatric compl. during alcoholism ther., case report (Fr) 36138

*therapeutic use*

alcoholism, comparison with reserpine 44388

with soc. & personal counseling 3182

*DITHIONE see* INDICATORS AND REAGENTS

**DIURESIS**

antidiuretic activity after stimulation of posterior pituitary gland in man 18393

antidiuretic activity of serotonin 51128

antidiuretic eff. of protein hydrolysates in humans with various dis. 40105

antidiuretic substances in urine in pregn. & gyn. dis. 648

eff. of increased diuresis on phenobarbital excretion in dogs (Fr) 38739

method of registration in exper. animals (Rus) 52958

*effect of drugs on*

adrenal & pituitary hormones in toad (Sp) 8995

antidiuretic eff. of extracts of various parts of toad brain & pituitary in rat, seasonal variations (Fr) 26716

caffeine in burns in dogs (Fr) 3117

chloroquine in ther. of rheum. arthritis (Sp) 9693

6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide in cardiac insuff. & liver cirrhosis (It) 8575

6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide, review (Sp) 8818

6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1(2H)-dioxide in congestive heart failure 40286

6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1(2H)-dioxide in pre-eclampsia 40386

chlorpromazine diuretic eff. in rats, mechanism of action 24836

posterior pituitary gland extracts in diabetes insipidus (Ger) 46098

potassium chloride-sodium chloride overload in intact & partially nephrectomized rats (Sp) 8986

vasopressin induction of different urine flow rates & influence on solute excretion 11967

vasopressin on N-p-chlorophenyl-2, 4-diamino-s-triazine diuresis (Ger) 6083

*in various diseases*

hepatitis complicating diabetes insipidus (Rus) 7709

in congestive heart failure (Pol) 30761

*physiology*

antidiuretic action of brain & hypophysis, seasonal variation in toad (Sp) 8982

antidiuretic activity of habenular ganglia in hen (Fr) 26941

antidiuretic funct. of posterior pituitary, test methods, review (Fr) 25087

antidiuretic response of rats to pain, histamine or nicotine, eff. of chlorpromazine 24836

conditioned reflex water diuresis, eff. on renal funct. in dogs (Cz) 38195

eff. of denervation of carotid sinus & vagotomy on diuresis following expansion of plasma volume in dogs 48449

eff. of electric stimulation of diencephalon on diuresis, vasopressin secretion & urinary sodium excretion in rats (Ger) 29895

eff. of lowering of serum osmolality by water ingestion on diuresis in dehydrated men 5258

eff. of pituitary hormones & hypophysectomy in toads (Fr) 3115

induction by intravenous infusion of isotonic sodium chloride in rats, mechanism 12505

posttraum. antidiuresis 51130

role of altered glomerular filtration rate & solute excretion in impaired water excretion in adrenal & pituitary insuff. 40697

**DIURETICS**

*see also* ACETAZOLAMIDE

*see also* AMMONIUM CHLORIDE

*see also* XANTHINES

Δ4-androstene-17β-ol-3-one-17α-(3-propionic acid γ-lactone) & Δ4-estrene-17β-ol-3-one-17α-(3-propionic acid γ-lactone) 33403

carbonic anhydrase inhibitors, mechanism of action 13175

chem. 13173

6-chloro-3, 4-dihydro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1(2H)-dioxide, new oral diuretic 54853

1, 4-dicaffeoyl-quinic acid, pharmacol. & exper. & clin. results (It) 9286

nonmercurial organic diuretics, mechanism of action & ther. use, review 23404

oral, pharmacol., indic. & dos. (It) 36210

pyrathiazine S, N'-dioxide 28289

review (Fr) 30987

*effects*

N-p-chlorophenyl-2, 4-diamino-s-triazine, histochem. localization of sites of action in rat kidneys 24810

N-p-chlorophenyl-2, 4-diamino-s-triazine, mechanism of action (Ger) 11034

2, 4-diamino-s-triazine & other s-triazine deriv., diuretic activity in rats & dogs 41283

diuretic activity of 6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide deriv. 42963

Δ4-estrene-17β-ol-3-one-17α-(3-propionic acid γ-lactone), mdng. with aldosterone in eff. on renal excretion of potassium & sodium 51341

*metabolism*

bis-(p-sulfamoylphenyl)methane in rats (Ger) 27914

*therapeutic use*

2-amino-4-anilino-s-triazine & 1-(p-chlorophenyl)-2, 4-diamino-1, 2-dihydro-s-triazine in hypertension, with rauwolfia & mecamylamine 27517

amiloxemotrudine (Sp) 39101

amiloxemotrudine in heart dis. in aged, oral admin. 40252

N-p-chlorophenyl-2, 4-diamino-s-triazine in pediatric dis. (Ger) 29473

congestive heart failure 13179

congestive heart failure (Fr) 43949

33423

edema in pregn., review (Ger) 49751

Δ4-estrene-17β-ol-3-one-17α-(3-propionic acid γ-lactone) in congestive heart failure 38819

exertional dyspnea in chronic heart dis., results alone & with digitalis 40301

indic. 37726

indic. & compl. 45037

indic. based on mechanism of action (Fr) 54152

indic., pharmacol. basis for selection (Sp) 29373

Leopoldena capitata tincture in chronic renal insuff. (Ger) 55410

triazine diuretics in congestive heart failure (Ger) 6661

**DIURETICS, MERCURIAL**

p-chlorobenzoic acid mercury salt, distribution in body & diuretic activity determ. in rats (It) 37517

mechanism of action 13174

mechanism of action & ther. use, review 23405

mersalyl, proposal for German Pharmacopeia (Ger) 7971

pharmacol. & clin. eff. (Ger) 35590

*effects*

chlormerodrin on nephron, localization of its action in dogs 747

meralluride, comparison of mechanism of action with acetazolamide & 6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-(2H)-dioxide 50706

mercaptomerin on water & cation exchanges in slices of rat kidney cortex 17964

mercaptomerin on water exchange in slices of rat kidney cortex 17963

mercuraphylline on parotideal secretion (Rus) 30159

mersalyl on course & histol. kidney changes in nephritis in rats (Ger) 23593

mersalyl, on membrane & action potential of isolated rat musc. (Ger) 43015

mersalyl-theophylline on connective tissue 23995

*in blood*

binding to blood proteins, exper. in rats (It) 37518

*metabolism*

distribution in various organisms (It) 37481

renal site of action, localization by step flow analysis 35791

*therapeutic use*

congestive heart failure (Sp) 53973

congestive heart failure (Tur) 33002

congestive heart failure, eff. on water-electrolyte metab. (Pol) 30799

edema, eff. on water-electrolyte metab. (It) 6873

edema, refractory, in combination with calcium chloride 485

mercaptomerin, in hypertension, with rauwolfia & mecamylamine 27517

mercuraphylline in infect. hepatitis (Ital) 45314

mersalyl in edema, comparison with 6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide 17550

subcutaneous inject., results (Sw) 54838

**DIVERTICULITIS**

clin. manifest. & ther. 10265

diag. & ther. 6529

54863

diag., compl. & surg. 41784

of sigmoid colon, surg. 48570

solitary, of cecum & ascending colon 37998

*case reports*

pseudodiverticulosis of colonic mucosa with acute & chronic inflamm. & pericolic abscess, x-ray diag. 47258

*complications*

enteritis of small intestine with sigmoid diverticulitis, x-ray diag., case report 28529

perf. (Fr) 9084

small bowel obstruct. 23023

*differential diagnosis*

gyn. dis. (Sw) 43210

*surgery*

in diverticulitis with & without compl. 12831

management of complicated diverticulitis 7437

review 50687

*therapy*

adjuvant, propothylonamide 16562

**DIVERTICULOSIS**

compl. & ther. 21820

diag., ther. & case reports 54863

duodenum, clin. & radiol. findings (It) 13508

pathol. & x-ray manifest. (Sp) 44520

*complications*

(Sp) 35972

cholelithiasis & diaphragmatic hernia, incidence & clin. features of the triad 4480

diverticulitis, hemorrh., obstruct. & perf., incidence & ther. indic. 39458

hemorrh., management 54736

multicentric carcinoma localized on sigmoid diverticula, case report (Fr) 1458

sigmoiditis, chronic pseudotumoral, case reports (It) 24943

*in aged*

hemorrhagic, incidence & type of bleeding 39555

perforation of sigmoid diverticulum in 93-year-old woman (Fr) 51462

*pathology*

heterotopic pancreatic & gastric tissue in diverticulum of colon 5863

**DIVING**

accid. & inj. among divers (Fr) 53411

deep sea diving, physics & physiol. factors 6486

diving accid. in Finland, statist. (Fin) 27272

med. aspects of current trends 31

med. aspects of physiol. adaptation 31262

otorhinolaryngol. & other physiol. compl. of amateur & professional diving as compared to professional submarine activities (Fr) 31925

mortal. of professional Navy divers to decompression sickness, method. study 34840
selection of diving personnel for Danish Navy, med. aspects (Dan) 19130
self-contained underwater breathing appar. 21095
skin diving, med. & physiol. safety factors 15881
skin diving, physiol. & otolaryngol. aspects 11729
underwater med., present-day problems 10096
unusual cases of hypoxia & apnoea in diving accid. 18077

*DOCUMENTATION see* BIBLIOGRAPHY

*DOCUMENTATION see* INDEXING

**DOGS**

Army dogs, uses & care in U. S. Army Vet. Corps 8441
health program for guide dogs for the blind 16780
histoplasmosis in dogs, histochem. 15343

*diseases*

adenocarcinoma of pancreas, case report 15233
bone neoplasms, clin. & radiol. aspects 40412
chronic otitis externa, surg. ablation of ear canal 16763
cleft palate & harelip, case report 16779
coccidioidomycosis, disseminated 16771
cryptococcic arthritis, autopsy findings 4651
cutaneous mast cell tumors 26033
demodicidosis, lindane ther. (Pol) 33759
dermoid cyst of ovary, case report 40405
distemper, nomographic, prediction of age for vacc. of puppies 48986
distemper, occurrence of inclusion bodies in circulating neutrophils 48983
endocardial fibroelastosis, 1st case report 4629
esophageal sarcomas assoc. with Spirocerca lupi infect. in dogs 38074
form. of fract. osseous callus & assoc. necrosis of femur following femoral fract., case report 40401
gastritis & peptic ulcer, spontaneous develop. (Ger) 49125
helminth infect. (Pol) 33750
hypertrophic pulm. osteoarthropathy, case report 40400
infect. hepatitis, case in Philippines 4692
infect. hepatitis, indirect hemagglut. test for detecting virus antibodies 15235
Leptospira canicola infect. epidemic in train. school for police dogs in Italy (It) 53807
leukodystrophy in 5-month old dog, veterinary pathol. case report 49618
mite Cheyletiella parasitivorax infestation of female dog & her litter 15241
otitis externa, ther., antibiotic-fludrocortisone prep. 50290
patent ductus arteriosus, successful surg. closure, case report 15230
Sertoli cell tumors, clinicopathol. & endocrinol. 4624
thoracic dis., x-ray diag. 16772
traum. chylothorax, surg., ligation of thoracic duct 16773
trichinosis in Iowa 8603

**DOPA**

*effects*

on cond. reflex abolition by reserpine in rats (R) 37448

*related compounds*

α-methyldihydroxyphenylalanine inhib. of DOPA decarboxylase in exper. animals (Ger) 29903
α-methyl-dihydroxyphenylalanine inhib. of serotonin form. in vivo & vitro (Ger) 29896

**DOPA-OXIDASE**

in melanocytes of x-irradiated quiescent hair follicles 44141

*DORIDEN see* HYPNOTICS AND SEDATIVES

*DORMISON see* HYPNOTICS AND SEDATIVES

**DOUGLAS' POUCH**

culdocentesis, technic & diag. value 38566

*neoplasms*

metastatic from stomach, diag. by rectal palpation (Sp) 39103

**DRAINAGE**

after paracentesis tympani in otitis (Fr) 13067
air suction drainage, principle & technic (Ger) 29032
bipolar drainage in echinococcosis of liver (Sp) 33463
choledochoduodenogastric drainage in obstruction & dyskinesia of bile ducts (R) 40605
internal drainage methods in surg. of biliary tract (Rum) 51434
internal, with plastic surg. of dead spaces using greater omentum after total hysterectomy 9483
intracavitary suction tube drainage in microcavitary tension pneumatocele management in inf. 18129
of biliary tract, indic. 8470
postop. drainage in intestinal obstruct., technic (Sp) 31002
postop. exposure & suction drainage in major digestive ops. 10145
postop. self-cleaning drainage of pleura & pericardium 11876
tubeless drainage in permanent incontinence in girl using bladder pouch, technic 33088

*apparatus and instruments*

new regulatable decompressor with continuous suction (R) 42671

*DRAINAGE, SANITARY see* SANITATION

*DRAMA see* ART

*DRAMA see* PROJECTIVE TECHNIQUES

*DRAWINGS see* ART

*DRAWINGS see* PROJECTIVE TECHNIQUES

**DREAMS**

dream recall. & schizophrenia 16761
eff. of subliminal visual stimulation 50281
manifest dream content & acting out in psychoanalytic ther. 53637
microptic dreams, perception & evaluation of events (Ger) 11285
nature of dream process 12630
of neurotics, comparison with normal persons 5458
psychotic episode following a dream, case report 53639
representation of partial ment. retardation in psychother. (Ger) 33086
ther. evaluation in psychoanalytic practice, variety of possibilities 4280
use of dream evidence of evolving health as tool in psychoanalytic ther. 8398

*DRESSINGS see* BANDAGING AND DRESSING

*DROMORAN see* MORPHINE, *related compounds*

*DROPSY see* EDEMA

**DROWNING**

*see also* RESUSCITATION

autopsy findings in suspected drowning 50667
cardiovasc. eff. in cats & dogs 38099
determ. of blood alcohol content of victims of drowning, eff. of long period of submersion, medicolegal factors (Fr) 26974
methods of medicolegal investigation of suicide by drowning 54865

*case reports*

(Sw) 33852

**DRUG ADDICTION**

*see also* NARCOTICS

in physicians & nurses 15932
in W. Germany, compensation (Ger) 43115
addiction in doctors (Fin) 54643
opiates, neurophysiol. & psychol. mechanisms, in addiction & relapse after cure 44264
prev. & ther. of narcotic drug addict. 42058
psychol. & physiol. processes (Ger) 20847
relation to alcoholism (Pol) 27263
withdrawal causing convulsions & psychoses (Ger) 43112
withdrawal sickness, meprobamate ther. 773
withdrawal sympt. in newborn inf. born to addicted mothers 16585

*case reports*

addict. to unrestricted drugs 14206

*physiology*

brain auto-stimulation (Ger) 15431

*prevention and control*

psychol. of national & internat. control (Fr) 21761

*psychology*

anthropol. interpretation (Ger) 43107
compulsion (Ger) 43109

*therapy*

management 29317
management of persons addicted to use of some drugs 36244
psychother. (Ger) 43108
psychother., institutional treatment of character disord. 24589
psychother. of drug addicts as voluntary outpatients 24588
succinylcholine chloride (Ger) 43298
sudden withdrawal & replacement ther., technic & case reports (R) 44349
withdrawal & disintoxication ther., indic. (Ger) 53303

**DRUG INDUSTRY**

*see also* CHEMICAL INDUSTRY

advertising by mail (Fin) 21992
advertising complaints as source of irritation of physicians 20080
Canadian Pharmaceutical Manufacturers Assoc., role of med. section in Canadian pharmaceutical indust. 38023
Centre de Longjumeau des Laboratoires Delagrange, Paris, France (Fr) 44157
chem. reactions at high temperatures in pharm. indust. (Fr) 53554
contribution of William Allen Stanley Ayerst & his pharmaceutical company 51586
contribution of George Merck 18805
contribution of William Stanley Merrell 42164
contribution of Henry S. Wellcome & Silas Burroughs 51608
control of sale of dangerous drugs & poisons in Gt. Brit. 37680
control of technics & quality of drugs (R) 48101
develop. & expansion 20890
false advertising of drugs, legislative control in U. S. 51582
hazards & problems in return & exchange of drugs after sale 48878
in Czech., problems of pharmaceutical research, prod. & utilization of drugs (Cz) 14050
in Europe, free market for drugs & medicines (Sw) 54750
in France, Department of Seine (Fr) 44135
in Gt. Brit. 3368
in Italy (It) 38388
in Italy, imports & exports (It) 6838
in Italy, problems (It) 6861
literature & representatives, relation to physicians in Gt. Brit., survey 14304
metric system replacing avoirdupois system of weights & measures in drug prep. 49644
prod. & marketing problems (Ger) 30880
sales promotion at med. conventions 9265
sealing of glass bottles with drugs (Sw) 32837
technol. inform. serv. to physicians (Ger) 8145

*history*

in U. S., Norwich Pharmacal, parent company of Eaton Laboratories 6542

**DRUGS**

*see also* NARCOTICS

*see also* VEHICLES

chem. foundations of pharmacol. reactions (Ger) 15434
clin. testing by paired comparison technic 11565
clinical testing, exper. & statist. method 11619
coal & petroleum as sources of substances used in drug indust. (Fr) 8312
contraindic. for use of various types of drugs by aviators (Fr, Dut) 46551
control of immuno-microbiol. prep. in various countries (Fr) 9045
correctives, review (R) 39305
drugs used in prep. of cosmetics, classif. & action (R) 6837
dyes for coloration of pharmaceutical prep. (Ger) 36463
43613
enhancement of pharmacodynamic action by wetting agents (Fr) 20796
estimation of intravenous mean lethal dose for mice by constant infusion titration 24008
ethical factors in use of new drugs 20560
evaluation of new drugs 41289
53547
fluorescence of powdered vegetable drugs under ultraviolet rays 16700
freeze-drying of drug prep. (Dut) 20318
identification guide for solid dosage forms, AMA Chem. Laboratory report 50180
increased use in health serv. in E. Germany, econ. aspects (Ger) 11157
minimum lethal dos., animal exper. (R) 13978
overdoses in diabetes mellitus 27976
new drugs, methods of evaluation (Ger) 11089
new drugs, pharmacol. (Dut) 53881
ophthalmol. prep. in recent pharmacopeia & in current use (R) 39510
psychopharmaceutic drugs, value in diag. & ther. of psychoses 764
psychother. & psychotomimetic drugs, review 8338
psychotropic substances, classif., chem. & pharmacol., review (Ger) 36933
quality (Sw) 32032
relation of structure to activity, review 5751

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

relation of structure to activity, review 39224

responsibility of pharmacist in interpreting iron dos. of various drugs prescribed for child. 16222

solubles iso., chem. aspects 7197

suppurat clin. trials, statist. aspects 4839

tox. processes in physicians' adoption of new drug 40686

stability, mathematical interpretation of kinetics of elevated temperature stability studies as applied to solid formulations 16695

statist. design statists. bw (Ger) 8067

sterility tests, mathematical & statist. problems (It) 3535

storage & transport in low temperatures (Swe) 45884

structure-activity relationship, theories & study methods (Jap) 38281

termination of drug action by elimination of unchanged drug, review 49472

termination of drug action by tolerance develop. 49473

**thiobarbiturates**

dis. determ. based on body surface measurements 43585

drug intakers 7408

intestinal absrbtn., mechanism of diffusion & disappearance (Swe) 16200

intravenous, eff. on blood levels of enzymes & substrates of intermediary metab. (Ger) 46795

oral absrbtn. of prep. for prolonged action, AMA council report 16649

proteinosus, factors influencing sleep. 41338

safeguards against errors 16233

**thrombectomy**

bld. assays, develop. of statist. table for calculation of standard error 5749

measurement of small particles, methods (Ger) 54791

micro identification by means of polarizing microscope (Fr) 1060

technic for analysis of various drug combinations (Ger) 53094

**effects**

on microorganisms, develop. of resist. (Ger) 39062

various centrally acting drugs on fighting behavior in mice 51072

**injurious effects**

(Ger) 22962

allergic reactions, basement. mbrn. of blood capillaries in (Fr) 9626

allergic reactions, physiopathol. & ther. (Fr) 21330

allergic skin reactions, ther. 43719

allergy (Ger) 9963

allergy, blood nephelometry (Ger) 21611

apparently allergic reactions, mechanism 28023

blood count decrease (Fr) 21278

catastrophic reactions 42810

classif. & case reports (Fr) 21325

dubosa 41044

drug safety, work of Food & Drug Admin. in U. S. 6968

encephalitis, localized, case reports 18756

hazards of anes. use 20490

hypertrichosis in child. (Ger) 42870

hysteria (Fr) 2657

iatrogenic renal dis. 20547

in chirurgery, untoward reactions to inject., emergency ther. 16748

liver dis. 14280

polypregnancy in modern med. (Ger) 19319

reactions, review 3177

**metabolism**

enzymatic metab. of drugs & other exogenous cpds., review 1263

pervalescence shortg. from various types of validism, comparison 5750

subcutaneous shortg., eff. of blockades & blockades thereafter 24007

**preparation of**

electrometric methods of analytic control, review (It) 1852

**DUCTUS ARTERIOSUS**

progs. value of cardiac murmur in newborn 53541

**diseases**

thrombosis with coarctation of aorta in newborn inf. (Ger) 55539

**innervation**

in dogs (Swe) 1762

**surgery**

technic of opening ductus arteriosus prior to establishing extracorporeal circ. 20811

**DUCTUS ARTERIOSUS, PATENT**

pathogen. & surg. 38184

**case reports**

clin. picture & hemodynamics 38435

reversal of shunt caused by pulm. hypertension 3394

with coarctation of aorta & multiple intracardiac defects 12265

with Eisenmenger complex & coarctation of aorta in adolescent girl (Swe) 43445

with interventric. & interauric. communication & shunt across ductus arteriosus (Fr) 7045

**complications**

coarctation of aorta, surg. (Swe) 18748

coarctation of aorta, surg., case report (Fr) 41921

endocarditis, subacute bact., spontaneous recovery prior to antibact. ther. 22576

pulm. hypertension, slow closure in reversed shunt operation (Ital) 38949

pulm. hypertension, surg. 5894

pulm. septic thromboarteritis (Swe) 20270

tetralogy of Fallot, clin. manifest. & diag. (Swe) 38371

ventric. septal defect, case reports (Sp) 1553

**diagnosis**

catheterization, technics (Fr) 43752

cineangiocardiography 14963

ECG & vectorcardiography, review (Sp) 36837

retrograde aortic catheterization, femoral route, with angiography (Fr) 7046

x-ray (Swe) 10787

**differential diagnosis**

(Fr) 33649

ventric. septal defect, differentiation from patent ductus arteriosus with pulm. hypertension 14961

**manifestations**

heart murmur, differentiation from mammary souffle or preg. 14987

**pathology**

multiple vasc. anastomoses of lung with fibrotic lesion media & hyalinized lesion intima in adult, case report (Pol) 20192

**physiology**

observn. physiol. 939

graded pulm. vasc. changes & hemodynamic findings 38494

relation of medial thickness of small muscular pulm. arteries to postnatal survival in inf. 54918

**surgery**

(Ger) 46995

mouth, problems in cases complicated by pulm. hypertension 35989

early surg. 42513

in complicated & atypical cases 42514

indic. & technics, statist. 14650

ligation, follow-up statist. 10314

progs. & postop. sympt. (Swe) 38369

reversal of shunt by means of silver ligation, appar. & technic 40952

successful closure in dog, case report 15238

value of simple ligation (Fr) 1467

***DUCTUS DEFERENS*** *see* **VAS DEFERENS**

***DUHRING'S DISEASE*** *see* **DERMATITIS HERPETIFORMIS**

***DUMPING SYNDROME*** *see* **GASTRECTOMY, complications**

**DUODENAL JUICE**

chemolytic activity (Ger) 6190

lipase content in inf., methods of inhibition & determ. (Fr) 54452

secretion, graphic registration (Swe) 49569

**in various diseases**

cystic fibrosis of pancreas, electrophoresis 44150

pancreatic enzyme content in inflamm. dis. in child. (Ger) 39904

**microbiology**

M. tuberc. inhibins (Ger) 10552

***DUODENAL ULCER*** *see* **PEPTIC ULCER**

**DUODENITIS**

**experimental**

spontaneous develop. with pancreatitis in exper. cholecystitis in cats (Ger) 34018

**therapy**

pancreatic enzyme prep. in chronic gastroduodenitis (Ger) 42945

**DUODENUM**

Brunner's glands, anat., secretory regulation & nature of secreted juice, review 38843

inhibition, double lumen vessel for duodenal washings (Swe) 41894

**abnormalities**

stenosis 17615

stenosis, sub-Valsalvian, surg., double duodeno- & gastrojejunal anastomosis (Fr) 42447

duodenum liberum & mesenterium commune, with hypochromic anemia, case reports (It) 31468

heterotopic pancreatic tissue in duodenum simulating peptic ulcer, case report 35068

megaduodenum, x-ray diag. (Swe) 7910

obstruct. anomalies (Pol) 43886

rotation anomaly in newborn with anemia & jaundice caused by fetal agenesis of extrahepatic bile ducts (Fr) 53020

**diseases**

arteriomesenterial compression (Ger) 19404

assoc. with Hirschfeld's dis. 37731

diag. & surg., review (Fr) 34383

distension with pain, eff. on ECG (It) 54195

duodeno-biliary dyskinesia caused by reflux of duodenal & pancreatic fluids, diag., radiomanometry (Fr) 36656

dyskinesia as autonomic sympt., types & morphol. (Sp) 44503

innervation in diaphragmatic hernia, with pyloric & pancreatic involvement 23501

prolapse of gastric mucosa (Sp) 32470

**diverticula**

10981

case reports (Pol) 38716

clin. & radiol. findings (It) 13398

clin. manifest. & surg. indic. (It) 23674

clin. manifest., x-ray diag. & ther. (Sp) 44519

inflamm. causing peritonitis & partial intestinal obstruct., surg. 34983

peri-ureteric diverticulum causing pancreatic duct obstruct. & acute pancreatitis 34985

with obstructive stenosis of duodenal bulb in child, case report (Pol) 38483

**effect of radiation on**

ileitis necrosa & radionekrit gaseus rays, histol. comparison of damage in mice 31609

**fistula**

cholecystoduodenal, preop. x-ray differ. diag. (Ger) 18947

cholecystoduodenal, spontaneous, case report (Cz) 49656

cholecystoduodenal 5353

cholecystoduodenal caused by peptic ulcer, surg. (Sp) 25956

cholecystoduodenal, clin. & surg. indic. (Fr) 18631

cholecystoduodenal fistula caused by duodenal ulcer 37845

cholecystoduodenal fistula with migration of biliary calculi, x-ray duodenal manifest. (Fr) 36637

duodenocolic (It) 3900

duodeno-colic, appearing 3 years after gastrectomy for duodenal ulcer 37833

duodenocolic, caused by cancer of colon, surg. (Fr) 51385

postgastrectomy, surg., implantation of pharmakol tissue in fistula tract (Ger) 15336

postop. duodenal-stump fistula after gastrectomy, management 41853

postop. duodeno-cutaneous, lateral, surg., subtotal gastrectomy (Sp) 1836

postop. in gastrectomy for peptic ulcer, case report (Fr) 18637

**foreign bodies**

nail in young child., surg. (Swe) 6009

**hemorrhage**

blood picture (Pol) 38412

hematoma, intramural, of duodenojejunal bend, case report (Cz) 14882

hematoma, traum. intramural, surg. 874

surg. (Pol) 30746

ther. (Pol) 20425

traum. hematoma causing intestinal obstruct. in child., surg. 34981

x-ray during acute stage (Pol) 20415

**in various diseases**

cancer of pancreas, duodenal loop changes other than widening of loop 8756

cystic fibrosis of pancreas, phys. & chem. characteristics of duodenal contents 7872

**metabolism**

amylases in duodenal contents of child. (Pol) 20236

distribution of radioiodine-labeled serum albumin injected directly into duodenum in dog (Fr) 48927

distribution of radioiodine-labeled triiodin injected directly into duodenum in dog (Fr) 48928

iron in duodenal mucosa in exper. anemia in guinea pigs (Fr) 26923

mucosal mucopolysaccharide, biol. activity (It) 1918

mucosal mucopolysaccharide, electrophoretic analysis (It) 1911

mucosal mucopolysaccharides, metachromatic properties (It) 1909

**microbiology**

eff. of antibiotic ther. (Swe) 11477

in dyspepsia in inf. before & after antibiotic ther. (Fr) 25489

**neoplasms**

(Ital) 19742

38943

(Ger) 41920
carcinoid, case reports 45817
carcinoid, case reports (Fr) 36666
case reports (Ger) 34532
clin. statist. on duodenopancreatic cancer 36872
diag., combined cytodiag. & secretory methods 4146
hemorrh. Brunner gland adenoma simulating duodenal ulcer, surg. & case report 25055
incidence, surg. & case report (It) 47815
infrapapillary carcinoma, histopathol. (Ger) 28165
infrapapillary, case report (It) 30668
leiomyoma, case report 37646
leiomyoma, migration from stomach by invagination of posterior gastric wall, x-ray manifest. & case report (Sp) 15485
leiomyosarcoma, case report 16100
leiomyosarcoma, neurofibrosarcoma & undifferentiated soft-tissue sarcoma, case reports 27548
metastatic from stomach cancer (It) 25563
misdiag. of ulcerogenic adenocarcinoma of islands of Langerhans as duodenal carcinoid 43701
neurilemmoma, solitary, case report (It) 37531
pancreaticoduodenal area, surg. & choice of procedure 13325
pancreaticoduodenal, surg., duodenopancreatectomy 47844
primary (It) 7732
primary epithelioma, bulbar localization (Fr) 9644
primary, in centenarian 16511
primary, of 3rd portion with gallbladder dis., case report 7501
sarcoma of mucosa causing massive gastrointestinal hemorrh., case report (Ger) 23200
solitary extramedullary plasma cell myeloma, clin. pathol. conf. (Dut) 52476
ulcerated carcinoma of first portion & ampulla of Vater, clin. pathol. conf. 533

*pathology*

leiomyometaplasts in dogs, histochem. 15242

*physiology*

antibact. factor in inf. toxicosis & in normal cond. (Ger) 13088
motility patterns in inf. & child 43490
motor funct. during digestion, electrographic registration (Rus) 37171

*radiography*

hypotonic duodenography in early diag. of tumors of Vater's ampulla (Fr) 51877
in diag. of chronic pancreatitis (Fr) 17986
with promethazine for prod. of temporary hypotonia (Por) 18831

*rupture*

retroperitoneal, caused by abdom. inj., case report 35070
traum., retroperitoneal postampullary rupt. with emphysema of mesentery caused by blunt inj. of abdom., case report 32490

*stenosis*

congen., intrinsic, presenting after infancy, with & without duodenohepatic reflux, case reports 2144
in newborn, with umbilical hernia, case report 47252
of D2 & D3 portions, causing tetany & osteomalacia, ther., ACTH (Fr) 45017
severe, x-ray manifest. (Ger) 11193
with cancer of pancreas head, x-ray differ. diag. (Ger) 39383
x-ray diag. of deep stenoses (Rus) 29161

*surgery*

anastomosis of duodenum with gastric stump by jejunal insertion following partial gastrectomy (Pol) 30690
cholecystoduodenostomy in common bile duct obstruct. & gastrectomy in peptic ulcer, case report 22051
choledochoduodenostomy in prev. & ther. of postcholecystectomy synd. 40993
choledochoduodenostomy, postop. biliary tract radiography (Ger) 52191
choledochoduodenostomy with polyethylene tube prosth., indic. & method 50865
duodenopancreatectomy in cancer of head of pancreas & Vater's ampulla, Child-Meboer's technic (Fr) 10038
duodenopancreatectomy, indic. & technic (Fr) 406
duodenotomy in biliary dis., indic. (Ger) 39835
duodenotomy in biliary surg., clin. statist. (Fr) 35050
gastroduodenostomy with gastrectomy in peptic ulcer 54758
pancreatico-duodenal resection with pancreatico-gastrostomy for carcinoma of head of pancreas or Vater's papilla 35067
pancreatoduodenectomy in cancer of head of pancreas (Sp) 38503
38504
pancreaticoduodenectomy, postop. protein malnutrition, case reports & mechanism of malabsorp. 6180
pointed technic for closure of duodenal stump (Rus) 51436

*wounds and injuries*

blunt & gunshot wds. (Cz) 38134
penetrating inj., diag. & surg. 32729
surg. repair with perlon net (Ger) 23196
tears caused by blunt abdom. trauma (Rus) 18210

## DUPUYTREN'S CONTRACTURE

*etiology and pathogenesis*

clin. & radiol. research (It) 16033
inj. & other causative factors (It) 27471

*surgery*

antibrachial teno-aponeurectomy of palmaris brevis, indic. & technic (Fr) 31944
election of incisional technic (Sp) 31003
indic., hazards & technic (Ger) 22178
palmar aponeurectomy, with tendinous lengthening by transposition of superficial on deep flexor tendons & skin graft, results (Fr) 51459
remote results (Ger) 39847
statist. (Fr) 51879

## DURA MATER

*abscess*

epidural, case report & diag. problem (Fr) 22456
epidural, ther., erythromycin (Ger) 11053

*anatomy and histology*

tentorial opening, variation in size 41218

*diseases*

calcification of falx cerebri with pseudoxanthoma elasticum, case report 9785A
echinococcosis, extramedullar-subdural cyst (Tur) 45485
epiduritis caused by micrococcal infect., ther., case report (Fr) 6300
subdural collection of fluid, x-ray aspects (Fr) 43118

*neoplasms*

causing mediastinal cyst (Rus) 45235
diag., carotid angiography in supratentorial cancer 53735
intradural extramedullary plasmacytoma compressing spinal cord 50953
meningioma, basilar (Ger) 52562

*perforation*

caused by plastic catheter during caudal anesth. 46532

*surgery*

cold-preserved homotranspl. (Ger) 55395
homografts, lyophilized, exper. & clin. value (Rus) 16276
homotranspl. in repair of defects (Rus) 45682
lyophilized homografts (Rus) 55313
preserv. heterologous peritoneal grafts (Rus) 55314

*wounds and injuries*

caused by cranial fract., primary plastic surg. (Rus) 45854

## DUST

*see also* PNEUMOCONIOSES

air sampling for radioactivity determ., method (Rus) 30608
disposal of coal & hematite dusts by resp. tract after successive inhalations in rats & rabbits 5622
dust hazard in rock tunneling operations, air testing & ventilation methods 46885
dust recovery properties of aqueous solutions, appar. for evaluation (Rus) 49802
fiber composition of hosp. dust, importance in airborne infect. 18391
fluorography of workers exposed to dust in prev. of tuberc., pneumoconiotic & other dis. (Rus) 9928
measuring of air-borne dust in control of pneumoconiosis 11599
phagocytosis of indust. mineral dusts by macrophages in lungs, microcinematography (Fr) 32282
radioactive dust separation by new electrofilter, results (Ger) 14413
radioactivity of atmospheric dust in Switz., measurement (Ger) 29782

*determination*

counting errors due to overlapping particles in thermal precipitator samples 26055
electrophotocolorimetry (Rus) 39576
in air, proposal for standard in E. Germany (Ger) 38914
in effluent gases discharged to atmosphere, sampling method 46881
silica dust concentrations in brick manufacturing plants, measurement 46884

*effects*

coal dust on eye, protective ocular responses (Ger) 43344
eff. of inhalation of Fiberglas-plastic dust on course of exper. tuberc. in guinea pigs 12784
on lung, physiol. mechanisms of defense, relation to prev. of pneumoconioses (Fr) 6347

*injurious effects*

acute eff. of breathing inert dust particles on resp. mechanism, eff. of sympathomimetic aerosols 40691
bronchitis, chronic, in indust. workers in England, disability & mortal. rates 11600
cancer incidence in people exposed to dust (Ger) 46013
resp. allergy to house dust in So. Africa, eff. of varying climatic cond. 9829
silicotic granuloma in old tattoos caused by brick dust (Fr) 37869

## DWARFISM

*see also* ACHONDROPLASIA

*see also* INFANTILISM

etiol. & hormone ther. (Hun) 49811

*case reports*

anemia & osteomalacia in celiac dwarfism in 50-year-old woman 28810
Cockayne synd. of nanism, retinitis pigmentosa & deafness, 1st case in France (Fr) 41448
with pseudohypoparathyroidism & adiposity (It) 49580

*etiology and pathogenesis*

schistosomiasis causing depression of skeletal growth 14920

*pathology*

autopsy findings in pituitary dwarfism, case report 13427
lupus-erythematosus-like skin changes (Ger) 25286

*physiology*

renal tubular funct. in Lowe synd. (Sp) 30450

*therapy*

insulin, failure to induce change in rate of growth 50436

*urine in*

17-ketosteroids in child. 1404

## DYES

*see also* ACRIDINES

*see also* ANILINE DYES

*see also* ANTHRAQUINONE

*see also* FLUORESCEIN

*see also* INDOPHENOL

*see also* PHENOLPHTHALEIN DYES

*see also* ROSANILINE DYES

*see also* STAINS AND STAINING

*see also* TETRAZOLIUM SALTS

Alcian blue in demonstration of acid substances in normal skin 5223
chlorophenol red transport by isolated renal tubules of flounder 4814
coloring of sugar-coated tablets using pigments, advantages over water-soluble dyes 40350
congo red, in diag. of secondary amyloidosis in pulm. tuberc. (Ger) 18881
1-dimethylaminonaphthalene-5-sulfonyl chloride labeling of antibodies in detection E. coli in feces (Ger) 47846
drug dyes, problems with artif. dyes (Ger) 43613
dye inject. technic in measurement of heart output & blood circ. 22259
Evans blue in blood samples, elimination of interference from hemolysis & turbidity by spectrophotometry of dye 17696
Evans blue in blood volume determ. in rabbits, erroneous results 743
Evans blue in determ. of blood volume, simple, rapid & accurate technic for extraction of dye 17607
fluorescent staining of protein antibodies for tracer studies, trial as alternative to fluorescein 40884
fluorescent sulfonic acid dye labelling of blood proteins, value in diag., immunol. & histochem. (Ger) 46172
for coloration of pharmaceutical prep. (Ger) 26482
hair dyes, analysis by successive extractions with organic solvents followed by chromatography (It) 53816
hair dyes, chromatographic analysis, methods & problems (It) 53815
hair dyes, determ. of amine content by paper chromatography (Ger) 42831
indigo carmine clearance in dogs (Ger) 30528
indocyanine green uptake by liver & biliary excretion after intravenous admin. in dogs 31281
interaction of certified dyes with quaternary ammonium antiseptics in solutions 40356

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

Janus green B on cell nucleus & mitochondria morphol., mechanism of hydrogen-acceptor activity (Ger) 43082

agnesia for differentiating live & dead ascites cells 3495

protein labeling with cellulose-reactive dyes 52448

reflective fluorescent dyes for watches & instruments, prod. & applications (Ger) 14411

fixation, use in colorimetric determ. of vitamin C (Fr) 1055

transport by isolated renal tubules of flounder 4816

*effects*

alizarin red S vital dye, on healing of tooth extraction wds., in hamsters 50137

aurintricarboxylic acid, on radiocerium & radioyttrium distribution in animals (Rus) 51770

azo dyes on p-phenylenediamine oxidase in blood in rats 3470

cationic & anionic dyes on potential & glutathione content of rabbit lens in vitro 47041

N,N'-diphenyl-p-phenylenediamine on vitamin E defic. in rats & rabbits 44138

Evans blue on liver, prod. of water vacuolation after intravenous inject. into mice 28955

fluorescent dyes on cervical cytol. in lesions of uterine cervix after parenteral admin. (Fr) 24148

on cation transport & hydration of rabbit lens 47039

on embryonic determ. in echinoderms, relation to chem. structure (Fr) 35441

trypan blue & hydrogen-ion indicator dyes on hemato-encephalic barrier 2028

trypan blue on composition of blood serum after inject. into rabbits 23790

trypan blue, teratogenic eff. in pregnant rat, response to maternal admin. of progesterone (Fr) 36077

trypan blue, teratogenic eff. on hamster embryos 4972

trypan red on approach-avoidance conflict in rat following intraperitoneal inject. 4933

*injurious effects*

methyl green, causing cyanosis & shock (Fr) 41949

textile dyes causing contact dermatitis (Ger) 55482

*preparation of*

isothiocyanate of rhodamine B as labeling agent for immune serums 12468

*poisoning*

RE block, eff. on urinary 17-hydroxycorticoids in cat (Sp) 31840

*therapeutic use*

aurintricarboxylic acid in beryllosis 46410

*toxicity*

food colors, tox. studies in rats 17954

***DYSARTHRIA** see* SPEECH DISORDERS

**DYSCHONDROPLASIA**

*see also* MAFFUCCI'S SYNDROME

chondrodystrophia fetalis hyperplastica with chondrometaplasia & chondrohyperplasia (Ger) 55661

hered. deforming chondrodysplasia, case report & review (Sp) 43931

Ollier's dis. 46436

Ollier's dis., manifest. & differentiation from multiple chondroma (It) 20975

*case reports*

chondrodysplasia calcificans congenita (Ger) 4027

chondrodystrophia calcificans congenita (Fr) 26233

in chronic ankylosing polyarthritis with blindness & scleroderma (It) 52126

Ollier's dis. (Fr) 24237

*complications*

osteogenesis imperfecta, case reports (Dut) 7298

*diagnosis*

chondrodystrophia calcificans congenita, x-ray 820

*in infant and child*

in newborn (Rus) 12139

**DYSENTERY**

*differential diagnosis*

cancer of distal end of large intestine (Rus) 45213

chronic, relation to other intestinal dis. (Rus) 45114

*epidemiology*

in personnel of Afrika Korps in World War II (Ger) 45785

in W. Germany, outbreak of water-borne dysentery 47310

*experimental*

Johne's dis., prod. in laboratory rabbits 5649

scrapie in sheep, histopathol. of brain stem 17109

*in infant and child*

chronic, differ. diag. (Rus) 7909

with pneumonia & other pulm. disord., pathol. (Rus) 33273

*prevention and control*

in Indian jails 50609

*urine in*

Kimbarovskii reaction, clin. value as prev. measure (Pol) 20463

***DYSENTERY, AMEBIC** see* AMEBIASIS, INTESTINAL

**DYSENTERY, BACILLARY**

(Ser) 27682

diag. & indices of recovery (Rus) 54566

endemic, bacteriol. & serol. findings (Ger) 25233

in Hungary, epidemiol., prev. & control (Rus) 43101

seasonal nature (Rus) 19748

spontaneous in monkeys (Rus) 25734

*complications*

peritonitis (Rus) 41692

psychoses in child. & adolescents (Rus) 34793

*epidemiology*

boydii in aeomanis (Ger) 34058

in Alaskan Eskimos, caused by Shigella flexneri 2a & 3 24641

in Russia (Rus) 55765

postwar (Ger) 22926

water-borne epidemic in factory workers (Pol) 31528

*experimental*

eff. of chloramphenicol & streptomycin, dialatoxication (Rus) 36377

eff. of vitamin B2 on ther. effectiveness of chlortetracycline (Rus) 36376

viscero-visceral intestinal reflex changes in dogs (Rus) 52946

*immunology*

dysentery-tetanus-typhoid polyvaccinate (Ger) 34082

dysentery-tetanus-typhoid vaccine prep., testing & immunogenic value (Rus) 20158

eff. of heat in animals (Rus) 11493

hemagglut. reaction (Cz) 2773

2774

intradermal reactions as immunol. index (Rus) 55823

polyvaccinate, detoxication & adjuvants (Ger) 34081

polyvaccine prep. from various complete hydrolyzed dysenterial antibodies (Rus) 55791

polyvalent vaccine, postinject. hemorrh. glomerulonephritis (Bul) 32749

vaccine, immunogenic value of intracutaneous admin. in human volunteers & exper. animals 23781

*in infant and child*

caused by non-mannitol fermenting strain of Shigella sonnei, outbreak in day nursery 5701

sources of infect. (Rus) 55814

tissue ther. (Rus) 20285

*microbiology*

atypical strains (Rus) 55845

E-strain lysotypes (Ger) 15393

Russian pathogens (Rus) 45883

*prevention and control*

typhoid-paratyphoid-dysenterial polyvaccines, field results (Rus) 55764

*therapy*

chlortetracycline with vaccinotherapy (Rus) 36405

furazolidone in control of epidemic due to Shigella flexneri infect. in monkeys 23283

principles & methods (Rus) 21932

vitamin C (Rus) 32898

*transmission*

infected water supply, epidemiol. (Cz) 14804

***DYSGERMINOMA** see* DISGERMINOMA

**DYSMENORRHEA**

16851

diag. & ther. (Ger) 38976

*etiology and pathogenesis*

urinary tract dis. (Ger) 51838

*manifestations*

skin dis., ther., agnus castus extract (Ger) 23212

*physiology*

endocrine aspects 2995

*surgery*

Cotte's technic in dysmenorrhea with lactache (Pol) 6093

presacral neurectomy, postop. form. of neurofibroma 24497

*therapy*

acetophenetidin-caffeine-2,3-dimethyl-4-formyl-1-phenyl-5-pyrazolone-2,3-dimethyl-4-isopropyl-1-phenyl-5-pyrazolone prep. (Ger) 3304

aminopyrine-scopolamine N-butylbromide prep. (Sp) 21135

bromelin palliation in spasmodic dysmenorrhea 18424

bromide of methylacetylcholine papaverine & acetyl choline manganchloride (Fr) 38218

group exercises in schools 656

phenylbutazone 14713

relaxin 7598

40679

thiocolchicoside in refractory dysmenorrhea (Fr) 15186

***DYSOSTOSIS, CLEIDOCRANIAL** see* CLEIDOCRANIAL DYSOSTOSIS

***DYSOSTOSIS, CRANIOFACIAL** see* HYPERTELORISM

***DYSOSTOSIS, MANDIBULOFACIAL** see* FACIAL BONES, *abnormalities*

***DYSPEPSIA** see* GASTROINTESTINAL DISEASES

***DYSPHAGIA** see* DEGLUTITION DISORDERS

**DYSPNEA**

etiol. & physiol. mechanisms 22282

in mitral dis. patients, eff. on acid-base equilibrium (It) 52091

*diagnosis*

resp. funct. tests for determ. of degree of dyspnea 22283

*differential diagnosis*

cardiac from pulm. dyspnea (Dut) 37843

*etiology and pathogenesis*

asthma or heart dis., ther., felsol (It) 39508

bronchial cyst, causing epileptic seizures (Ger) 27152

bronchitis with pulm. emphysema, diag. & ther. 22331

cardiac dyspnea (Ger) 54367

cardiorresp. synd. of extreme obesity 19464

mechanisms in dis. of heart & lungs 53577

mitral dis. (It) 52090

organic & psychol. causes 27983

paralysis agitans, resp. funct. tests 12802

*in infant and child*

in newborn & inf., caused by congen. diaphragmatic hernia, case reports (Fr) 43742

*physiology*

eff. on iron in blood 46599

physiopathol. mechanisms 4018

*therapy*

choline theophyllinate 5157

funct. rehabilitation of diaphragm in dyspneic emphysema (Sp) 4072

nonmethylenoglycol-monomethyl-ether-p-butylaminobenzoate 1284

**DYSPNEA, PAROXYSMAL**

pathogen., differ. diag. & ther. of cardiac asthma 43698

**DYSTOCIA**

*see also* PLACENTA PRAEVIA

cessation of delivery after birth of head by abnorm. shoulder engagement (Ger) 3745

eff. on eosinophil count of inf., comparison with normal labor 28592

eff. on inf., EEG & clin. study (It) 42772

intrapartum lateral x-ray 24516

radiopelvimetric study of pelvis in (Sp) 8939

x-ray evaluation of pelvic dystocia 38570

*case reports*

dynamic dystocia, after tubal reimplantation for rupt. in prior tubal pregn. (Fr) 26220

*etiology and pathogenesis*

bladder calculus with cancer, case report (Sp) 8951

cephalopelvic disproportion after previous vaginal delivery, cesarean section 13887

cephalopelvic disproportion, management according to type of pelvis (Sp) 3630

37583

contracted pelvis & disproportion of Malayan women 18781

giant fetus, diag. & management (Fr) 23736

large or abnorm. fetus, management 38589

narrow pelvis (Rus) 12155

nephroblastoma in fetus 24519

occipitoposterior position 24517

ovarian cyst, delivery after anal protrusion of cyst 14940

pelvic abnorm., hazards of x-ray diag. (Ger) 18927

pelvic-fetal disproportion, progn. & management (Sp) 15472

sacral meningocele in primipara (Fr) 41376

*therapy*
[illegible] (Sp) 9682

**DYSTONIA MUSCULORUM DEFORMANS**

*case reports*
(Fr) 55090

*surgery*
[illegible] & [illegible] 26549
34891

***DYSTROPHIA MYOTONICA*** *see* **MYOTONIA ATROPHICA**

***DYSTROPHY, ADIPOSOGENITAL*** *see* **FROEHLICH SYNDROME**

***DYSTROPHY, MUSCULAR*** *see* **PROGRESSIVE MUSCULAR DYSTROPHY**

***DYSTROPHY, NUTRITIONAL*** *see* **NUTRITION DISORDERS**

**EAR**

abnorm. & dis. in child. of mother [illegible] 36265
eff. of periarterial sympathectomy of carotid arteries (Fr) 44685
abortion of CSF after cranial inj. (Fr) 8235
[illegible] CSF [illegible] (It) 43738
protection against noise by ear defenders 26205

*abnormalities*
aplasia, tomography with hypocycloidal scanning technic (Fr) 47465
classif. & x-ray [illegible] 35454
malform. in hydrocephalus (It) 37318
surg. (Ger) 39836

*artificial*
new artif. ear with response curves corresponding to responses of human ears (Fr) 33898

*diseases*
caused by diphtheria (Fr) 20531
caused by ischemia, review & case reports 55427
in cleft palate 41899
Micrococcus pyogenes aureus infect., increasing incidence 11715
[illegible] causing pneumonia & lung abscesses (Rus) 45725
[illegible], audiometric & EEG correlation (Fr) 31926
ther., antibiotics with adjuvant hyaluronidase (Fr) 47483
ther., chloramphenicol ear drops causing allergy (Ger) 49043
ther. of chronic dis., changing concepts 27071
ther., oxytetracycline-hydrocortisone ointment (Fr) 9514
ther. use of calcium affinity properties of [illegible] (Fr) 47477

*effect of drugs on*
neomycin & streptomycin glucuronates, [illegible] eff. 48484

*embryology*
in salamander Ambystoma 12934

*fistula*
arteriovenous, glomerular type, of ear auric., case reports (Fr) 47488

*in various diseases*
[illegible] dis., [illegible] (It) 15784
herpes zoster (Ger) 11262
[illegible] & [illegible] pain caused by dis. & inj. of other organs (It) 39873

*neoplasms*
diag., evaluation of [illegible] reaction (Rus) 39430

in Filipinos, child. 7986
[illegible] in 80 year old woman (Ger) 33784
surg. of advanced cancer 1186

*physiology*
eff. of high altitudes (Sw) 29222

*radiography*
direct enlargement of structures of internal & middle ear, technic (It) 52112
x-ray anat. of int. ear (Rus) 49812

*surgery*
[illegible] by double fused graft, technic (Fr) 31831
in anat. causing deafness in child. (Fr) 51502
microsurg. technics (Rus) 55215
postop. pain, ther. (It) 52115
preserved autogenous skin grafts of surgically-created temporal bone cavities 1183
progr., review (Ger) 15444
surg. inj. causing facial paralysis, surg. repair (It) 19253
transplant-free & non-plastic radical surg., technic (Ger) 27748

*wounds and injuries*
caused by automobile accid. (It) 9283
gunshot wds. in soldiers, ther. (Rus) 45719

**EAR, EXTERNAL**

*see also* **CERUMINOUS GLANDS**
in research on paternity (It) 19224

*abnormalities*
aplasia, surg., follow-up after 15 years (Fr) 36162
atresia of auditory canal, surg. (It) 43457
atresia of auditory meatus, surg. (Ger) 22922
atresia of external auditory meatus, surg. 17633
atresia, surg. indic. & technics 17633
clin. appearance 50754
protruding ears, surg. (Sp) 30892

*blood supply*
collateral vessel develop. in mouse ear 14996
vascularization of engrafted transplanted to chick chorio-allantois 22307

*diseases*
*see also* **OTITIS EXTERNA**
aspergillosis of auditory canal, ther. & case reports (Fr) 44888
chondritis & perichondritis in burned patient (Sp) 8162
chondrodermatitis nodularis helicis, histopathol. (Ger) 39804
chronic nodular chondrodermatitis of helix (Fr) 54610
generalized chondritis of ear (Pol) 36218
lymphadenosis cutis benigna of ear lobe, relation to erythema chronicum migrans, penicillin ther. (Ger) 3081
wax hardening in child. caus., clin. manifest. & ther. 3194
weeping eczema, ther., antibiotic-heparin prep. 3528

*fistula*
pre-auricular-cutaneous fistula (Sp) 35838

*microbiology*
survival of [illegible] bact. in external canal, eff. of temperature, humidity, trauma & removal of surface lipids, exper. study & review 51352

*neoplasms*
advanced cancer of ear & temporal bone, surg. & case report 45813
chimney sweeps carcinoma, case report (Rus) 37242
osteoma of the external auditory canal 18462

radiother. (Rus) 33758
radiother., contact (Sw) 33614
transitional cell type squamous cell carcinoma 41902

*pathology*
lymphatic capillaries in acute inflammatory lesions of mouse & guinea pig 5673

*physiology*
eff. of temperature & humidity on lipids of ear canal, relation to pathogen. of otitis, exper. study & review 51353

*surgery*
otoplasty for congen. cupped protruding ears using postauric. flap 8043
otoplasty, problems 5203
plastic, reconstruction of auricle, indic. & technics 30388
plastic reconstruction of pavilion, free tubular graft in repair of helix (Fr) 47378
plastic surg., indic. & technics (Fr) 33028
reconstruction 8042
reconstruction of traumatically stenosed external auditory canal 8044
reconstruction, technic (Cz) 23654
reconstructive (Por) 44448

***EAR, INNER*** *see* **LABYRINTH**

**EAR, MIDDLE**

*see also* **EAR OSSICLES**
*see also* **TYMPANIC MEMBRANE**
probe for insertion of tampons & drainage tubes (Pol) 30318

*abnormalities*
malform. & anat. variations detected during stapes mobilization, review 6336A
relation to pneumatization of mastoid process (Ger) 37749

*anatomy and histology*
tympanum, morphol. based on silicone impression 35295

*cysts*
cholesteatoma after tympanoplasty (Ger) 33843
cholesteatoma behind intact tympanic membrane, pathogen. (Ger) 9536
cholesteatoma in child. (Pol) 30399
cholesteatoma, manifest., skin striction (Ger) 35293
cholesteatoma of otitis 5287
5288
5289
cholesteatoma, traum., case reports (Ger) 33844

*diseases*
*see also* **OTITIS MEDIA**
otitis [illegible] (Rus) 10776
adhesive, surg., adaptation of Bezold's operation (It) 43450
otalgia caused by mandibular joint dis. (Rus) 10763
ther., hydrocortisone succinate, aerosol admin. via Eustachian tube (Fr) 1026
ther., med. & surg. technics for improvement of hearing acuity 7266
tubo-tympanal disord. after mutilating inj. of facial bone, causing partial deafness (It) 39698
with cholesteatoma & other compl. after failure of antibiotic ther., surg. 21842

*hemorrhage*
idiopathic hemotympanum, diag., ther. & case reports 38471

*innervation*
comparative anat. of morphol., structure & connections of nerve ganglia (It) 52117
mucous membrane innerv. in man (Rus) 45721

*neoplasms*
angioendothelioma, case report (Fr) 866
glomangioma, surg. (Ger) 36446
metastatic from breast carcinoma, case report (Ger) 23032
follicular fibroma, case report (Fr) 47475
sarcoma, case report (It) 36719
ther., radiogold (Rus) 55351

*pathology*
tympanum in generalized scleroderma, postmortem findings (Fr) 18671

*physiology*
eff. of transtympanic stapes mobilization on tension, characteristics 11734
fenestra rotunda, att. of sound excitation (Ger) 47866
funct. (Pol) 43071
pressure & tubal funct. determ. in pressure chamber 31338
stapedius reflex in diag. of cranial nerve disord., review (Dan) 33383
tympanic neur. & their reflexes 35306

*radiography*
tomography in otitis media, cranial fract. & dysplasia (It) 23913

*surgery*
attico-antrotomy with skin. [illegible] transpl. & myringoplasty, technic 20540
attico-antrotomy with tympanoplasty & fatty tissue transpl. (Swd) 52497
endaural tympanic approach to facial nerve in surg. of facial paralysis 35382
fenestra ovalis, eff. on transformer action of middle ear in cats 41898
myringoplasty & tympanoplasty, review 46482
myringoplasty, free skin graft using Zeidelhoffer's glue (Rus) 55217
pathophys. labyrinthine sequestration (Rus) 45739
tympanoplasty 3942 6232 6233 6234 17494 34836 35311 36384
tympanoplasty & other surg. procedures in tympanic membrane perf. 15734
tympanoplasty causing facial paralysis (Rus) 55216
tympanoplasty, classif., technics, selection of patients & evaluation of results (Por) 53871
tympanoplasty, failures & their causes (Fr) 1011
tympanoplasty, preop. & postop. care (Ger) 3955
tympanoplasty, tissue reactions to fibrin & gelatin prep. (It) 43747
tympanoplasty with retroauric. pedicle skin graft after radical mastoidectomy, indic. & technic 46485
tympanoplasty with skin segment from external ear fold (Rus) 45722

**EAR OSSICLES**

*abnormalities*
congen. fixed stapes, surg., mobilization technic 35333
congen. footplate fixation, differ. diag. from otosclerosis 13290
incus, causing hearing disord. 123
stapes footplate fixation, diag. & surg. 6220

*blood supply*
arterial vascularization of incus 41070

*effect of drugs on*
[illegible] disodium salt chelation of stapes footplate 34937

*embryology*
develop. anat., application in endaural surg. 6227
stapes develop. & relation of footplate to vital parts of otic labyrinth 1188

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

*surgery*
splenectomy & subtotal compl. of excision, eff. on cochlear funct. 271
surg. mat. 31579

*wounds and injuries*
defec. of bones caused by head inj., case report 5396
exper. surg. inj., repair & postop. compl. 1189
fract. of stapes caused by head inj., case report 5293

EARTHWORMS
Allolobophora caliginosa, isolat. funct. & chem. composition of chloragocytes (Fr) 48294
Eisenia foetida, chromosome repletion during perithecogenesis in (Fr) 48795
ferro- & ferrichlorocruorin of Spirographis marine worms, phys. & chem. properties (Ger) 23606
Eunice [illegible], determ. of amino acid composition of hemerythrin from (Fr) 37827
total lumbricin, filtrated, eff. of local application on super. [illegible] of cornea (It) 13138

*EBERTHELLA TYPHOSA* see SALMONELLA TYPHOSA

*EBSTEIN'S DISEASE* see CARDIOVASCULAR DEFECTS, CONGENITAL

ECCENTRO-OSTEOCHONDRODYSPLASIA
*case reports*
mixed Morquio-[illegible] dis. (It) 35608

ECHINOCOCCOSIS
alveolar echinococcosis of liver (Fr) 9103
31908
bone, manifest. & x-ray diag. (It) 53786
case report & epidemiol. in U. S. 12356
cerebral ventric. (Rus) 10947
composition of cystic fluid in various stages of dis. (It) 20999
diaphragm (Sp) 25948
25950
liver, compl. & diag. (It) 53785
liver, surg. (Fr) 54609
lungs (Ger) 11224
lungs (Sp) 51620
lungs, bronchiogenic & metastatic forms (Fr) 43768
lung, med. & surg. ther., review (Sp) 8211
lungs, review & case report 15546
lung, ther., bronchial aspiration (Fr) 41999
lung, x-ray manifest. & surg. of bilateral echinococcosis (Sp) 44403
multiple peritoneal (Sp) 8849
pathogen. & diag. (Fr) 43985
retroperitoneal, primary (Fr) 46771
spleen, review (Sp) 31811
thyroid gland (Sp) 25937

*blood in*
eosinophil count, diag. significance (Rus) 45148

*case reports*
(Ger) 54366
abdominopelvic (Fr) 26217
breast, surg. (Sp) 29365
calcified, of kidneys (Rus) 10833
cerebral & cerebrocranial (It) 31694
extramedullar-subdural & vertebral-paravertebral cysts (Tur) 45485
female genitalia (Rus) 13174
femur, surg., conservative (Fr) 51446
hepatopulm. with hypertrophic pulm. osteoarthropathy (Fr) 17680
kidney (Sp) 27238
left kidney (Fr) 51383
left lobe of liver (Fr) 24347
liver (Dut) 1624
liver, alveolar (Fr) 53432
liver echinococcosis with bronchial [illegible] (Sp) 8216
liver, in European living in Belgian Congo (Fr) 11583
liver, pathol. & surg. (Fr) 31977
liver, surg. (Pol) 53133
liver, surg. & bipolar drainage (Sp) 1829
liver, with cholelithiasis (Fr) 51486
liver, with subcutaneous rupt. of cyst (Sp) 42217
lung, multiple cysts 38383
lung, solitary echinococcosis with involvement of entire right lung (It) 46583
musc., pathol. (Rus) 5969
of common bile duct, subvesicular primary (Fr) 18632
omentum (Rus) 5972
orbit (It) 19258
pericardium (Rus) 10831
rare localization (Rus) 5973
sacroiliac joint (It) 25547
spine (Rus) 8008
43395
spleen 17453
spleen (Rus) 5970
spleen (Sp) 21107
sudden death caused by echinococcosis of heart (Fr) 18614
vertebral (Tur) 45482

*complications*
adrenal nodule, causing paroxysmal hypertension (Fr) 53408
arterial embolism with secondary thrombophlebitis 13005
biliary, rupt. of echinococcosis of the liver causing [illegible] (Fr) 38035
calcification, suppuration & fistulization of residual cavity in uncomplicated echinococcosis of liver, surg., epiphysioplasty 
common bile duct obstruct. with phlegmonous cholecystitis (Rus) 41554
liver cyst with rupt. into bile ducts (Sp) 39100
liver, with thrombosis of inferior vena cava (Rus) 32751
neurogenic bladder caused by sacral echinococcus cyst 5818
obstruct. of common bile duct caused by echinococcosis of gallbladder, diag. & surg. (Fr) 34353
Pancreat. cyst., x-ray aspects (Fr) 18086
unusual cases (Rus) 28705

*diagnosis*
bentonite flocculation test in man & animals 47267
Casoni's reaction, correlation of response with clin. manifest., statist. (Fr) 6383
complement fixation, indirect hemagglut. & intradermal tests 47272
flocculation & hemagglut. tests 47268
pelvic bones, x-ray diag. (Rus) 45764
splenoportography in recur. postop. echinococcosis of liver (Sp) 37265

*differential diagnosis*
kidney echinococcosis from kidney tumor, x-ray differentiation (Cz) 14881
supr., simulating benign cancer, case report (Sp) 8609

*epidemiology*
(Dut) 52492
in Lebanon (Fr) 31955
in Russia (Rus) 18080
in swine (Pol) 23755
liver, spleen & peritoneum, in Algerians (Fr) 27700

*experimental*
age in rodent. to secondary echinococcosis in mouse 47284
eff. of Lugol solution (Ser) 51678

*immunology*
P substance antigenicity in echinococcus cyst fluid coated on to tanned erythrocytes 55349

*in infant and child*
lung, surg. (Pol) 28755
lungs, surg. (It) 36389

*in pregnancy*
in pelvic orifice in primipara, cesarean section (Rom) 3963

*metabolism*
carbohydrates in liver echinococcosis (Rus) 51172

*physiology*
permeability of hydatid cyst wall & host-parasite relations 47283

*prevention and control*
in Italy, program of Health Department in Rome (It) 43262
program in Lebanon (Fr) 31956

*statistics*
in Australia, mortal. 18748
in New Zealand 53891

*surgery*
bipolar drainage in echinococcosis of liver (Sp) 32463
on common obliteration of intrabronchospheric hydatid cyst by increase of pressure in opposite lateral ventricle. (Fr) 9136
excis. & closure of cavity with [illegible] (Rus) 5971
liver, with calcification, suppuration & fistulization, epiphysioplasty (Sp) 27276
lobectomy & total pneumonectomy (It) 1517
lungs (Ser) 21953
lung, one-stage removal of multiple localization in right lung, case report (Sp) 1757
marsupialization in echinococcosis of liver, postop. epiploic filling of calcified, suppurated & fistulized cavity, case report (Sp) 3315
resection of solitary cysts in echinococcosis of liver, ischemic (Fr) 405
spleen (Sp) 38536

ECHINOCOCCUS
antigen of Echinococcus 46897

ECHINODERMS
embryonic determ. in echinoderms, eff. of dyes & organic acid deriv. in relation to their chem. structure (Fr) 25441
fluoride inhib. of cleavage form. in sea urchin 27405
holothurian Cucumaria, host of copepod Cucumaricola notabilis 38363
sea urchin eggs & embryos, free amino acid & peptide patterns 39234
sea urchin eggs during develop., methionine metab. 39233
sea urchin, metab. of glucosamine in early develop. 38384
sea urchin Paracentrotus lividus enzyme deaminating 5'-deoxycytidylic acid to 5'-deoxyuridylic acid 1713

ECLAMPSIA
see also PREGNANCY TOXEMIAS
eff. of pentylenetetrazole on EEG in former patients (Ger) 9517
hydatiform mole & pre-eclampsia, case reports (Sp) 39616
*case reports*
recur., 4 episodes in one patient 52837

*complications*
prolonged coma with epileptiform fits, case report 3193
purpura, thrombopenic 24507
thrombocytolysis, lethal (Ger) 33343
Sheehan's synd. caused by postpartum eclampsia, case report (Sp) 44530

*differential diagnosis*
brain tumor simulating eclampsia, unusual case (Rus) 43437

*pathology*
liver, comparison with normal pregn. & pre-eclamptic pregn. 18408

*prevention and control*
in Australia, statist. 43728

*statistics*
in Austria (Ger) 34580
pre-eclampsia, relation to number of pregnancies 5562

*therapy*
3011
2-amino-2-methyl-1-propanol-8-bromotheophyllinate in pre-eclampsia 24505
artif. hibernation & hypothermia in severe puerperal eclampsia, cured case (Rus) 20176
chlorpromazine & promethazine 50981
hydralazine acetate (It) 29617
hydralazine acetate, in labor (Sp) 51626
management (Ger) 23253
phenothiazine deriv., triflupromazine & thiopental 18774
pregnane-3,20-dione succinate in eclamptic attack during labor (Sp) 22275

ECOLOGY
(Rus) 33479
adverse eff. of crowding on lactation & reprod. of mice & 2 generations of progeny 15883
density-dependent factors in ecol. 52436
eff. of release of radioactive fission products on man's environment & ecology 33336

ECONOMICS
definition of health economics 8448
econ. status in E. Germany, relation to morbidity (Ger) 38810
eff. of smoke pollution on household cleaning costs 40165
eff. of standard of living on epidemiol. processes (Rus) 55817
rapid econ. develop. of countries, relation to ment. health (Fr) 27952
relation of med. to free enterprise 37797

ECONOMICS, DENTAL
cost of dent. care received under Internat. Longshoremen Workers Union-Pacific Maritime Assoc. program 28110

ECONOMICS, MEDICAL
see also GROUP PRACTICE
see also HEALTH INSURANCE
42165
50675
account collection procedures 38478
billing & collections 28155
business contract facts for hosp. administrators 27929
business hints for physician's practice 38138
business management & pub. relations of physicians, improvement 15837


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

compensation of physicians & legality of free med. assistance, in Italy (It) 53761

consequences of imposing prescription charges in National Health Serv. in Gt. Brit. 41890

consumption expenditures of med. care in 1947-1957, statist. 50200

costs & fees for various obst. gyn. procedures in Europe, relation to cost of living (Sp) 54889

credit policies for patients 17556

earnings of physicians in Portugal (Por) 30693

econ. eff. of various health insurance factors on GP 5243

eff. of obligatory health insurance on econ. of physicians (Sp) 38537

eff. of socioecon. cond. in U. S., on practice of med. & vet. med. 4632

fee entries for tax purposes in Sweden (Sw) 10189

finances of students 13691

financing establishment of med. office 18624

free med. care in cities, statist. 44273

importance of med. assistant in physician's office 41022

in Finland, taxation of physicians (Fin) 54642

in France (Fr) 38782

in U. S., challenge of socialized economy to private practice 32720

investing by physicians 5231 18808 29332 51587 51610

leasing of offices or property for professional use in France, legislation (Fr) 3148

New Zealand fee-per-service scheme, comparison with patient schedule scheme 48347

partnership life insurance for physicians 17534

physician's management of income 27963 27971

practice management, technics & value 5226

practice planning by physician for increased income 5307

selecting the place to practice 16578

tax program planning for physicians 15920 15921

3rd party in med. practice 54519

## ECTODERM

dependence of cellular transform. of competent ectoderm on temporal relationships in induction process, exper. in Triturus vulgaris embryo 4991

eff. of method of develop. on serv. differentiation of fragment of ectoblast (Fr) 4988

inductive eff. of rat sacilus hepatoma on amphibian competent ectoderm 39451

reciprocal role of epithelial endodermal & ectodermal cells in chick embryo (It) 13997

role in neural induction in Amphibia (Dut) 7355

*effect of drugs on*

sodium thiocyanate on isolates of presumptive ectoderm of Triturus gastrulae 4985

*metabolism*

ribonucleic acid & protein distribution during neural induction in frog embryo 17277

## ECTODERMAL DYSPLASIA

*case reports*

with skeletal abnorm. 30692

*diagnosis*

silver nitrate plate for detection of sudoriesis as usual manifest. 41259

*differential diagnosis*

(Heb) 39779

## ECZEMA

*see also* DERMATITIS, CONTACT

asthma-eczema-hay fever urticaria synd. 53058

atopic dermatitis, etiol. & ther. 17725

classif. & pathophysiol. (Ger) 38883

etiol. & ther. of eczematous hand eruptions, review 29261

facial eczema dis. in sheep, caused by hepatotoxin from Sporidesmium bakeri

on hands, etiol. & ther. 6960

relation to atopic allergy 52652

review (Sp) 343

*blood in*

basophil count 23700

proteins in atopic eczema, electrophoresis 28020

*complications*

cataract, case reports (Fr) 38383

cataracts 55053

*diagnosis*

methods of determ. of allergens 15929

problems in allergic eczema in adult (Fr) 8324

*etiology and pathogenesis*

endogenous due to body fluid balance disord. (Ger) 22814

hypersensitivity to hexamethylenediamine, in indust. worker (It) 51654

Micrococcus pyogenes infect., thrombocyte count after admin. of micrococcal anatoxin (Rus) 37236

nitrofurazone, in food preserv. worker (Fr) 9629

nylon & terylene, case reports (Dan) 18636

trichlorethylene causing eczema of face & hands, case reports (Fr) 47766

vaccine (Ger) 15343

*experimental*

dinitrochlorobenzene-induced, eff. of d-amphetamine with caffeine & chloral hydrate in guinea pigs 14086

*in infant and child*

Aldrich synd., clin. manifest. 46533

caused by food & other allergens, review 36237

congen., ther., hydrocortisone ointment (Ger) 29415

early diag. & ther. 5285

eczema vaccinatum, case reports 7842

in inf., blood proteins, lipoproteins & glycoproteins, electrophoresis (It) 2967

in inf. (Fr) 27490

psychol. 26421

resp. volume determ. in child. with atopic dermatitis 190

seborrheicum, diathetic, differ. diag. from erythroderma desquamativum by prednisone admin. (It) 25538

ther., prednisone & prednisolone (Pol) 7825

urine amino acids (Ger) 13089

with severe vaccinia & fatal intestinal hemorrh., case report (Fr) 37876

*physiology*

eff. of intracutaneous inject. of blood serum & histamine on capillary permeability, study with sodium fluorescein 23709

endocrine glands (Rus) 9845

liver funct. (Ger) 36432

mechanism of itching in eczema 13164

skin response to cantharidin 14083

*psychology*

female genital eczema, psychosomatic aspects (Ger) 29451

*therapy*

antibiotic-heparin prep. in chronic weeping eczema of ear 3528

atopic dermatitis management in ophthalmol. & otolaryngol. practice 55021

bovine blood-powdered organ prep. (Fr) 32014

chlorampheniçol emulsion, local admin. (Rus) 45185

climatother. (Ger) 29449

climatother. in winter in mountain resort of medium altitude (Ger) 49024

electrosarcosis (Rus) 45142

iodochlorhydroxyquin hydrocortisone cream & 1-dehydro-16α-hydroxy-fluorocortisone in nummular eczema

mineral water baths of Talgi, Russia (Rus) 55199

radiother., eff. of strength of radiation & amount of dose on ther. results (Ger) 38854

radiother., small doses (Ger) 27109

sandostene 2612

tarstaroid-neomycin & hydrocortisone ointments, comparisons 16342

x-ray ther. (Rus) 10836

## EDATHAMIL

decalcification of teeth for silver impregnation of nerve fibers in histol. 54579

determ. of calcium, iron & magnesium contamination of sodium chloride (Ger) 38710

in determ. of calcium & magnesium in blood, method 48463

in rapid micro-titration method for determ. of blood calcium, appar. & technic 44905

reaction with silicates 52387

*effects*

calcium disodium on exper. nickel pois. 23379

calcium disodium, on thyroid histol. & fixation of radioiodine, in rats (Fr) 26665

calcium disodium on urinary excretion of thallium (Fr) 38089

calcium, on blood & urinary iron in idiopathic hemochromatosis (Fr) 35149

disodium, on distribution of blood protein fractions in rats & guinea pigs (Ger) 53101

disodium salt, chelation of stapes footplate 34927

dissolving of phosphate & oxalic calculi in vitro (Fr) 9167

edathamil dicobalt on exper. hydrocyanic acid pois. in dogs (Fr) 31040

edathamil disodium on blood coagulation in vitro 35651

facilitation of lysis of gram-negative bact. by lysozyme 37083

inhib. of copper-catalyzed oxidation of vitamin C, kinetic study (Fr) 39248

inhib. of intestinal absorp. of vitamin B12 in man, reversal by calcium ions 44909

on deposition of promethium in bones & other tissues of rats 39206

on enzyme system of Saccharomyces cerevisiae 29833

on human sperm anaerobic fructolysis, motility & oxygen consumption 49477

on life span of x-irradiated female hymenoptera Habrobracon 19553

on metab. of micro-organisms & reversal of inhib. eff. of antibiotics, mechanism (Fr) 9168

on musc., eff. of copper sulfate on reactivity (Rus) 22653

on radiocerium & radioyttrium metab. (Rus) 51770

on suspensions of rat cerebral cortex & liver mitochondria 19587

on tetracycline levels in blood 41037

on Tradescantia paludosa on chromosome fragmentation in microspores (Rus) 47990

protection of liver against biochem. changes produced in vitro & in vivo by carbon tetrachloride 41277

*injurious effects*

calcium disodium causing tubular necrosis of kidneys in ther. of lead pois. (Ger) 43946

*therapeutic use*

acrosclerosis (Sp) 32437

calcium disodium in chronic mercury pois. 26040

calcium disodium in lead pois., comparison of lead excretion with β-β-dimethyl cysteine, intravenous admin. 14691

calcium disodium in ther. of thallium pois., failure (Fr) 984

calculi of kidney pelvis, comparison of dissolving by edathamil with dissolving by citric acid (Fr) 9186

disodium, application of calcium affinity properties in ear pathol. (Fr) 47417

edathamil disodium in sarcoidosis 38431

edathamil sodium-dioctyl sodium sulfosuccinate-polyoxyethylene nonylphenol prep. in Trichomonas vaginitis 695

hemochromatosis, case reports (Fr) 34781

lead encephalopathy in child., comparison of post-ther. ment. develop. with dimercaprol ther., statist. follow-up 5711

metal pois., eff. on simultaneous polarographic determ. of lead, zinc & copper in urine (It) 37443

metal pois. in animals (Fr) 9189

principles & ther. applications of chelation, review (Fr) 9185

psoriasis, eff. on blood β-globulins & β-lipoproteins, electrophoresis 5219

review (It) 38638

sodium, as anticoagulant in blood transfusion in various dis. (It) 39653

uranyl acetate pois. (Ger) 22812

## EDEMA

*see also* ANGIONEUROTIC EDEMA

*see also* ASCITES

*see also* EXUDATES AND TRANSUDATES

*see also* LYMPHEDEMA

*see also* PULMONARY EDEMA

lower extremities, in post-thrombophlebitic synd. rest ther. & prev., Mahorner method (It) 44837

nose, as manifest. of nasal disord., etiol. & management (Sp) 21793

physiopathol. mechanisms & ther., review (Fr) 9639

*case reports*

anomalous edema ending in generalized anasarca & polyserositis 4903

cyclic, with intermittent hyperaldosteronism, severe hypokalemia & tetany in neurotic woman (Fr) 2485

in inflamm. of ileocecal valve (Fr) 36664

legs, with physicopathic disord. & ulceration of feet, caused by chromium in metal worker (Fr) 47768

*complications*

epidemic dropsy with Bengal glaucoma 49395

*diagnosis*

brain, periodic acid-Schiff reaction (Ger) 27160

*etiology and pathogenesis*

anasarca with hypoproteinemia in reticulum cell sarcoma 24994

essential hypoproteinemia (Ger) 378

hypertension with adenoma of adrenal cortex, causing aldosteronism (Fr) 54377

idiopathic hypoproteinemia (Dut) 13684



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

laryngeal, caused by bee sting (Ital) 45742

parenteral infusion in surg. causing edema of intestinal wall (Ger) 49678

pluriretinum. macular edema of retina, case report (Fr) 18617

relation of aldosterone secretion, review (Fr) 25073

relation of increased vasopressin activity to water-retaining states in various dis. 11837

relation to aldosterone physiol., review 23402

review (Ger) 55469

skin horse 5614

vasopressin causing spontaneous edema (Ger) 38994

*experimental*

anti-inflamm. eff. of phenylbutazone on formalin edema in hypothyroid rats (Ger) 39244

cerebral, induction technics, morphol. & physiopathol. in rabbits (Sp) 31832

dextran-induced, inhib. eff. of phenothiazine deriv., mechanism & relation to anti-serotonin & central sedative action (It) 37338

dextran-induced swelling of rat's paw, eff. of lysergic acid diethylamide (Ger) 36950

eff. of aprobarbital on anti-inflamm. of phenylbutazone on formaldehyde edema of rat paw in thyroxin-treated rats (Ger) 49341

eff. of denervation & adrenalectomy on formol-induced edema of rat paw (Ger) 29916

eff. of hyaluronidase on localized edema in rabbits (It) 42542

induced by dextran, ovomucoid & ovalbumin in skin of rats, mechanism, relation to serotonin release (It) 37339

*in infant and child*

hydrops of gallbladder, case report 45083

massive edema in defic. hypoproteinemia, ther., fasting, with deintoxication by water & diuresis (Fr) 42013

with hypochromic anemia & transient idiopathic hypoproteinemia, case report 26426

*in pregnancy*

fluid, in gestosis, electrolyte & protein content in different regions of the body (It) 29628

pathophysiol. (Ger) 22747

proteins in edema fluid in toxemia, electrophoresis (It) 6853

ther., acetazolamide (It) 29618

ther., 6-chloro-7-sulfamoyl-1,2-4-benzothiadiazine-1,1-dioxide 826

52654

ther., 6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1(2H)-dioxide, mode of diuretic action 40279

ther., 3,4-dihydro-7-sulfamoyl-6-trifluoromethyl-1,2,4-benzothiadiazine-1,1 (2H)-dioxide & 6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide (Dan) 45517

ther., diuretics, review (Ger) 49751

vulvar, severe, case report (It) 29631

*pathology*

relation of edema, blood-brain barrier & tissue in local brain inj. 17790

*physiology*

increased vasc. permeability demonstrated by simultaneous measurement of blood volume by Evans blue & dextran 38622

lipoproteins in edema fluid (Ger) 41725

physiopathol. (Fr) 21372

regulation of water balance & blood sodium concentration 32401

sodium exchangeability by radiosodium, comparison with determ. of sodium balance (Fr) 54325

*therapy*

adrenal cortex hormones, eff. on sodium elimination by kidneys (Fr) 2491

brain, post-traum. (Ger) 22813

calcium chloride in combination with mercurial diuretics in refractory edema 465

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide 7504

13180

45042

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide (Ger) 55374

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide (Sp) 21174

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, comparison with mersalyl 13183

17550

21192

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide, diuretic eff. (Dut) 53504

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide in pregn. & premenstrual edema (It) 44940

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1(2H)-dioxide in edema in gyn. dis. & pregn. 41156

cranial decompression in cerebral edema following cerebral contusion (Ger) 27830

mercurial diuretics, eff. on water-electrolyte metab. (It) 6873

papain, buccal admin. 36339

prednisone with 6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide in edema of various dis. (It) 39331

*EDEMA, CARDIAC see* CONGESTIVE HEART FAILURE

*EDROPHONIUM see* MUSCLE RELAXANTS, *antagonists*

EDUCATION

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

*see also* SCHOOLS

*see also* TEACHERS

amount of educ., relation to status of dent. health of naval recruits 33333

community educ. in Kibbuts, eff. on psychol. develop. (Ger) 30834

comprehensive exam. of child attending special schools (Cz) 48641

educ. of ailing child., physician responsibilities in advising regular school attendance (Fr) 24209

failure to enter college by highly talented high school graduates & use of scholarships in U.S. 31673

for professions in Europe & U. S., comparison 50811

interaction between authoritarian & nonauthoritarian teachers in pub. schools 15994

low efficiency in school work, causes (Ger) 55445

meeting educ. problems of child. of U. S. Army personnel in Europe 6440

Minnesota Teacher Attitude Inventory in minority group school, indirect validation as test of pupil-directedness 17341

obligatory psychopedagogical preschool educ. as ment. hyg. measure 24098

of epileptic adolescents (Rus) 34799

of youth in Morocco, relation to vocational guidance (Fr) 6367

orthopedagogics as theoretical & practical discipline (Rus) 39749

philosophy of educ. in U. S. 5366

primary, secondary & university educ. & teaching in France (Fr) 48962

puericulture (Sp) 12011

relation of psychiatrists to special instructors (Fr) 990

teaching & research in land-grant institutions, changing responsibilities 54538

teaching machines for self-instruction, design & operation 31690

undergraduate academic record of Fellows of the Royal Soc. of Gt. Brit. 29827

EDUCATION, DENTAL

in U. S., graduate & post-graduate programs 50149

intramural practice plan, description & participation by Amer. dental schools 16538

post-graduate, use of telephone & television 50140

Seton Hall College of Med. & Dent. at Jersey City Med. Center 16192

television as teaching aid 46371

EDUCATION, MEDICAL

*see also* INTERNSHIP AND RESIDENCY

*see also* SCHOOLS, MEDICAL

(Sp) 8238

Acad. for Soc. Hyg., Indust. Hyg. & Med. Educ. in E. Germany, organiz. problems & aims (Ger) 38907

apprenticeship system for final-year students 6171

Assoc. for the Study of Med. Educ. 18399

basic science literature for physicians 6973

clin. curriculum in Gt. Brit. 2183

contribution of Thomas Bond 5360

contribution of John Delamater 50812

contribution of med. educators to organized med. profession & Amer. Med. Assoc., need for extension 50810

contribution of Nathan Smith 41168

current trends 13680 17702 19842 41864 41879 48394

curriculum (Sp) 43944

curriculum at Univ. of Western Australia 8159

eff. of home med. care programs on med. educ. in hospitals 801

eff. on student's attitudes 17691

entrance exam. (Sp) 31866

erroneous prediction of future research ability by academic success 18433

exper. & clin. programs at med. schools (It) 8591

experiences & opinions of a med. teacher 53864

family med. course, description 5365

full-time hosp. teachers (It) 42700

home-care program for undergraduate students 8184

hosp. educational team, resident's role 40316

human values in 17790

46508

illustration display stand for use as teaching aid 6167

importance of experiment in integrating theory & practice 41863

in Australia 18737

in Brazil (Ger) 7104

in E. Germany (Ger) 38908

in Europe & U. S.,comparison 50811

in France (Fr) 53403

in France, reforms to increase cooperation of med. school & hosp. (Fr) 48963

in Germany 5392

in Germany (Ger) 15400

in Gt. Brit. 27688

in Gt. Brit., General Med. Council centenary 14309 14310 14322 25037 29006

in Gt. Brit., importance of educ. methods, exact med. terminol. & population studies in clin. research 14388

in Israel 2181

in Italy, problems & suggested improvements (It) 53797

in Japan 50816

in Mexico, methods of teaching (Sp) 3676

in Minnesota, contribution to growth of graduate med. educ. in U. S. 48380

in nonuniversity affiliated hosp., importance to patient care 17640

in Russia 41169

in Russia, secondary med. train. 21030

in Russia, train. of specialists 40932

in So. Africa (Af) 32503

in Sudan (Ger) 49105

in U. S. 10707 17701 27436 50809

in U. S. & Canada, annual report of AMA 16633

in U. S. & Gt. Brit. 51583

in U. S., contribution of Samuel Bard 17683

in U.S., present & future status of foreign med. school credentials 26450

learning process in med. school 17694

med. students' need for discipline & decorum 49828

motion pictures in undergraduate phase 142

neurosis in med. students 50896

overemphasis on final exam. 3257

participation of med.students in research as part of their educ. 45570

personality factors among med. students as related to attitudes toward patient as whole man 17687

post-graduate educ. for teaching of med. in U. S. 56417

postgraduate, in Poland (It) 6863

postgraduate, in USSR (Cz) 48865A

postgraduate, information on GP in Kansas rural communities 50678

postgraduate med. education, two-way radio conferences in school program 19996

postgraduate med. school tasks & activities (Cz) 48885

postgraduate, philosophy, principles & purposes 16508

postgraduate train. of physicians in Poland 17706

postgraduate train. of practitioners (Dan) 18579

post-graduate train. program in Maharaja Shyajirao University of Baroda, India 50814

prep. of doctor's dissertation (Ger) 6742

present crisis & future reform (Fr) 30990

Professional Educ. Committee of Georgia Division, Amer. cancer soc. 50798

programs relating to civil defense & military med., panel discussion of federal med. serv. chiefs 51953

psychopharmacol. laboratory exercise for med. students 17685

reaction of patients to bedside teaching 7427

retrain. & postgraduate train. (Dan) 18582

revision of curricula 8168

sociol. study of educational environment 17699

teaching & research in hosp. (It) 37354

teaching higher mathematics to med. students in France, advisability (Fr) 48954

teaching-rooms near wards for use after bedside instruction 6166

train. hosp. (Fr) 32401

train. of med. assistants in Russia (Rus) 21913

train. of teaching personnel (Rus) 21914

undergraduate educ., in radiation med. 55412

undergraduate tchg. in GP 6162
6163
2160
undergraduate tchg. in pediatrics 6165
University of Copenhagen med. students' accomplishments (Dan) 45494
University of Michigan Med. School Teaching Institute
10762 10763 10764 10765
10766 10768
visual aids
2168 19909 19922 43175
50813
visual aids for teaching of thyroid funct. (Fr) 48951

*history*

43327
in colonial America 22910
in France, comparison of emphasis on theoretical & practical teaching (Fr) 8321
in Poland (Pol) 53197
in Prussia under the early Reformation 3339
in U. S., Benjamin Waterhouse, Harvard's first professor of physic 17705
in U. S. Middle West 100 years ago 43320
teaching method changes (Pol) 43682

EELS

fresh-water eel, host of acanthocephalan worm Pallisentis basiri 55507
purification of cisterns of drinking water by eels, in [illegible], hygienic aspects & resist. of eels to chlorine (It) 53614
thyroid funct., influence of environmental temperature (Fr) 40815

*EFFORT SYNDROME* see NEUROCIRCULATORY ASTHENIA

*EGG* see OVUM

EGG WHITE

chicken egg white components in virus & rickettsial vaccines, antigenic analysis 16517
complex precipitating system containing 2 cross-reacting egg albumins as antigens 40993
electrophoresis of proteins in bird's eggs (Ger) 29776
ovalbumin, constant-antigen precipitation reaction 40908
ovalbumin, eff. of formol & heat on immunol. properties (Fr) 38699
ovalbumin, glycopeptides in pepsin hydrolysates (Rus) 37147
ovalbumin-hemoglobin complexes, dissociation by aqueous carbon dioxide 19474
ovalbumin, reactivity of free amino groups in native & denatured ovalbumin toward 1-fluoro-2,4-dinitrobenzene 13719

*effects*

growth retarding property of duck egg white ovomucoid in rats 40863
repeated admin. causing excess in blood corticosteroids in rats, mechanism (Fr) 34997

EGG YOLK

chicken egg yolk components in virus & rickettsial vaccines, antigenic analysis 16517
lipoprotein of floating fraction of egg yolk, molecular weight & phys. properties 2545
lipoprotein of floating fraction of egg yolk, N-terminal amino acid components 2546
lipovitellin, immunochem. comparison with serum vitellin, isotope study 20725
nutritional value, review 43273

*effects*

inhib. of bactericidal action of leucomycin against E. coli 40422

EGGS

eff. of thyroxin & estrogens on vitamin D content of hen's eggs (Fr) 25523
coproporphyrin content of shells of hen eggs & other eggs, quantitative determ. (Ger) 27907
unidentified factor in yellow corn & other feedstuffs necessary for maximum egg weight in chickens 5539
vitamin content, eff. of vitamin excess in chicken's diet (Fr) 25519

*microbiology*

Salmonella contamination causing epidemic (Ger) 55487

EHLERS-DANLOS SYNDROME

*case reports*

(Sp) 20537
correlation of clin. & histopathol. data & hered. incidence 23363

EIMERIA

see also COCCIDIOSIS

stiedae, eff. of age & temperature on survival of oocysts 12773

*EISENMENGER COMPLEX* see CARDIOVASCULAR DEFECTS, CONGENITAL

EJACULATION

diversion of semen into bladder during coitus causing sterility (Dut) 7376
electrically-induced ejaculation in rat, eff. on morphol. of seminal vesicle (Fr) 38767
nocturnal orgasm in neurotics, comparison with normal persons 5450
retrograde, causing sterility 36020

*ELASTASE* see PROTEASES

*ELASTIC TISSUE* see CONNECTIVE TISSUE

ELBOW

*abnormalities*

congen. ankylosis, case report (It) 38682

*anatomy and histology*

articular surface area of elbow joint 23573

*diseases*

caused by work with air-pressure hammer (Sch) 49835
free bodies, etiol. & pathogen. (Ger) 42883
neurol. disord., x-ray aspects (Fr) 18004
osteomyelitis caused by smallpox in child. 8490
rheum., surg. restoration of elbow movement (Fr) 9231

*dislocation*

medial, case report (It) 36795
posterior, method of reduction 830

*fractures*

fract.-disloc. of radius & ulna at joint, Kirschner wire fixation 48777
in child. 50763
in child., statist. 3934
management 42082
surg. (Dut) 28734
ther. (Rus) 9945
x-ray diag. of chip fract. of olecranon process 11087

*physiology*

range of movement of elbow joint, changes in workers using compressed-air hammers (Ger) 40173

*surgery*

resection of tuberc. elbow in adults (Fr) 37764

*wounds and injuries*

causing ulnar paralysis (Ger) 38431
crush inj. by airplane propeller, surg. & replacement by metal joint (Ger) 39840
crushing inj., new preserv. (Cz) 11852
post-traum. arteriovenous fistula, transpl. of artif. graft with preserv. of continuity of humeral artery (Fr) 974

ELECTRICITY

see also LIGHTNING

electric capacity of human body in various environmental cond. & its relation to body size & electric charge (It) 25643
electrical resistivity of soil samples, determ. (It) 53804
galvanotropism as an [illegible] response 50482
nerve-conductions (Fr) 8319
static electricity in operating rooms 16167
subjective scale of apparent intensity of electric shock 17262
thermal eff. of ultra-high frequency electromagnetic field in animals (Rus) 13856

*effects*

cathode currents on frog heart, parasympathomimetic eff. (Ger) 35572
depressive eff. of electroshock in learning, relation to peak intensity of unidirectional square-wave electroshock 50487
depressive eff. of electroshock in learning, relation to stimulus parameters of interjected unidirectional square-wave electroshock 50488
drive-level of different intensities of electric shock in human subjects 788
electric inj. inducing changes in CSF protein fractions in dogs (Ger) 34813
electroshock, brain extracts from rabbits after exposure inhibiting motility & contractility in [illegible] (Ger) 36944
electroshock on CNS virus infect. in mice (Ger) 48339
electroshock on retention of a discrimination habit in rats subjected to anoxia 50489
electroshock on serotonin content in various areas of dog brain (It) 37447
electroshock on susceptibility of mice to acid fuchsin convulsions, dependence on blood-brain barrier changes. 17799
electroshock stress on DOCA-induced hypertensive cardiovasc. dis. in unilateral rat 45379
exper. convulsions, eff. on brain & liver amino acids, electrophoresis (Ger) 36485
exper. electroshock increasing ammonia & glutamine content of brain in rats 5490
galvanic current on ECG (Tur) 45440
galvanic current on musc. contraction (Tur) 45439
galvanic current on vestibular appar., clin. value (Sp) 8706
high frequency current, neutralization of static chamber for carcinogens (Rus) 39578
high frequency current pretreatment of skin in carcinogenic activity in mice (Rus) 33325
mechanisms of cardioacc. response to electroshock in dog 75
nonpolar ventric. stimulation for control of surgically produced heart block 22080
on ampullae of Lorenzini in ray Raja clavata, combined with thermal stimulation 51099
on blood adrenal cortex hormone response in rat 46591
on blood coagulation in vitro, relation to develop. of thrombosis in inj. (Rus) 41614
on skin histol. 20
prosthetic musc. contraction caused by stimulation with current of medium frequency (Fr) 15090
shock, postshock epileptogenic eff. of chlorpromazine in rabbits (Ital) 32736
sinusoidal alternating currents, on Lillie's nerve prep., determ. of optimum frequency (Fr) 15091
stimulation with exponential currents, on uterine contraction (It) 13112
ultrahigh-frequency electromagnetic current on higher nervous activity (Rus) 37385

*injurious effects*

accid. severe electrical shock in employees of electrical utilities, sequel. artif. resp. 48510
accid. shock, lumbar vertebra fract. & myocardial infarct, case report (It) 44340
accid., ther. (Ger) 55438
artif. resp. (Ger) 46221
brain dis., EEG (Ger) 44217
burns, management (Fr) 38188
burns of abdom. wall & cavity & internal organs (Rus) 18219
burns of hand & legs, skin transpl. (Ger) 29086
cardiovasc. changes due to electrocution (Fr) 31881
EEG & neurol. changes due to electroshock (It) 38359
electroshock causing paralysis agitans, case report (Fr) 9134
fatal accid., caused by break of control wire, in worker (Ger) 23133
spinal cord inj. (Rus) 21902

ELECTROCARDIOGRAPHY

see also VECTORCARDIOGRAPHY

analysis of electrocardiac activities in space, determ. of QRS-T angle from 12-lead electrocardiogram 38510
cancellation phenomenon & unipolar fraction 438
cardiac vectors in frontal plane 35438
changes during 1st month of residence at high altitude 55083
characteristic stream values (Ger) 32262
clin. & exper. prod. of abnorm. pattern during hypothermia, relation to ventric. fibrillation 46871
comparison of surface leads & intrathoracic leads in man (Fr) 23642
comparison with vectorcardiography in normal subjects (Sp) 8910
concept of intrinsic deflection or start of final negative deflection in split ventric. activation group (Ger) 38897
corrected lead systems, clin. application 12332
definition 19275
determ. of cardiac space vectors (Ger) 55552
determ. of [illegible] 10446
diaphragmatic juxtacardiac leads, value in study of spread of activation & QRS complex of heart's diaphragmatic surface 46873
direct, comparison of epicardial & precordial leads in coronary insufficiency (Fr) 28404
diurnal changes of irregular electrocardiograms (Rus) 29155
duration of electrical systole in aged (It) 38730
during hypothermia in heart surg. (Pol) 52510
eff. of accid. hypothermia 6175
eff. of acceleration in man 48143
eff. of aging (It) 3884
eff. of ascending to high altitudes, early changes 451
eff. of blood sugar changes on orthostatic ECG in cardiovasc. disord. (Ger) 49033
eff. of cholinergic stimulation, clin. & exper. findings (It) 39679
eff. of commissurotomy (Tur) 32891
eff. of controlled hypotension 54438
eff. of exercise (Fr) 35027
eff. of exertion in young & healthy subjects (Fr) 183
eff. of eyeball compression in evaluation of vagal role in cardiac rhythm 691
eff. of Flack test in normal cond. (Pol) 8083

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

eff. of galvanic current (Tur) 45440
eff. of glucose-magnesium sulfate-insulin mixture in ther. of ... children (Rus) 33208
eff. of hypoglycemia & epinephrine admin. in relation to blood electrolytes (Pol) 30794
eff. of hypothermia in surg., patients (Pol) 38869
eff. of ingestion of cold liquids (It) 42654
eff. of noise (Ger) 54320
eff. of ... musc. surg. 670
eff. of pain stimuli (Rus) 15761
electrocardiac entities in space, three-dimensional stud., technic for analysis 50870
esophageal lead recordings in healthy humans (It) 36762
esophageal, principles 35615
fetal 13212 13416 14334 23834
fetal, diag. possibilities, review (It) 42595
fetal, review (Ger) 19439
hearing test, non-cardiac conditioned reflex technic (Rus) 10756
in air navigating personnel, most frequent changes (It) 19227
in athletes (It) 27460
in child., eff. of age & heart rate on Q-T interval (Ger) 47495
in child., tables for determ. of normal ventric. electric systole & systolic index (Rus) 30378
in child., transitory changes of ... retrogression (Ger) 35373
in control of cardiac ... changes in hypothermia induced by refrigeration (Fr) 39834
in inf. & child. 30400
in inf. in first 100 days of life (Ger) 34009
in 90-100 year old persons (Sw) 43321
in normal & pathol. cond. in aged, review (It) 27633
in premature inf., QT interval (Ger) 51197
in quinidine-induced changes in myocardial conduction 440
in surg. (Rus) 33207
increased amplification in precordial leads (Fr) 43770
increased unipolar limb leads in negative T wave in 3rd standard lead (Rus) 33254
indexing system for electrocardiograms 13218
interpretation (Fr) 30000
interpretation based on subjective & objective factors (It) 6792
intracardiac leads, technic & applications (Fr) 7765
lability of positions T & S in precordial electrocardiography 12316
inverted U wave 27265
leads, analysis by mathematical methods 35630
negative coronary T waves with normal QRS, diag. errors (Ger) 11252
new process of determ. of spatial electric axes of heart (Por) 16133
nodal rhythm 41444
non-delayed conduction, vector study of delta wave 24332
non-specific inversion of T wave, errors in diag. interpretation 8468
normal in increased unipolar limb leads (Rus) 33353
of expiration stages in child. (Ger) 47645
of octogenarians (Fr) 44715
of premature inf. (It) 42787
of velocity of spreading of pulse wave (Pol) 38829
orthogonal ECG & vectorcardiography, review (Ger) 13357

P wave, P-R interval & Q-T ratio of normal orthogonal ECG 30490
paroxysmal ... (Fr) 38675
preop. & postop. in abdom. surg. (It) 7734
preop. in thoracic surg. without hypothermia, technic & value (Rum) 44098
preop., in mitral commissurotomy, early detection of postop. arrhythmia (Sp) 53956
postprandial T-wave changes in routine ECG in aircrew and selection program 480
principles 17647
QR interval, definition & normal values (Sp) 44585
QT interval in induced hypoxia test in healthy subjects (It) 9380
right arm unipolar lead, quantitative relations in normal & pathol. cond. (Ger) 33831
selection of leads for routine ECG 38063
sequence of ventric. activation & QRS complex in heart pathol. 436
significance of so-called transitional zone of electrocardiogram (It) 52084
slow changes in potential during diastole 16392
spatial electrical axes of normal heart (Por) 39861
spatial, review (Sp) 8677
ST segment elevation, relation to myocardial oxygen gradient 47140
surface & intrathoracic leads (It) 52095
T-wave, amplitude variations in limb leads of healthy inf. (Ger) 34180
T wave changes caused by inject. of ergotamine tartrate & by changing position of feet (Sp) 43037
T1 < T3 pattern (It) 15250
technic for reduction of electrocardiogram (Fr) 21589
total electrogenesis of heart in man & dogs (Fr) 26202
triphasic complexes of right precordial leads in child. (It) 54208
twofold hexagonal analysis (Ger) 32263
vector ECG, method (Fr) 23644
watch dial vector representation 50245
Wilson's central electrode potential size & limb unipolar leads (Rus) 33252

*apparatus and instruments*

accurate device for measurement of distance on electrocardiogram & other permanent records 50134
for simultaneous ECG & ballistocardiography (Rus) 1769
m-V curve scale calibration in non-linear ECG instruments (Ger) 55551
nomogram calculating ruler (Pol) 32805
protractor for axial projections (Fr) 10874

*effect of drugs on*

acridine orange, digitalis-like eff. in dog (It) 15349
adenosine-p-hydroxyephedrine prep. in coronary dis. (Ger) 42910
adrenal cortex hormones in adrenalectomized dogs 39284
5-allyl-5-isobutyl-2-thiobarbituric acid & thiopental anesth. on QT interval, comparisons 2020
cobalt salts in normal humans & in patients with peripheral vasc. dis. (It) 36744
diatrizoate & iodopyracet in cerebral angiography 48443
digitalis 20654
digitalis (Ger) 8740
digitoxin & lanatoside C in guinea pigs (Ger) 55542
emetine (Fr) 14374
emetine, prolonged admin. in guinea pigs (It) 35183
magnesium ... (Fr) 47358
potassium chloride after intracisternal admin. in dogs 35699
potassium with theophylline in rat (It) 35503
prednisone (It) 31757
pyridine-3-aldehyde methyl methanesulfonate daily oral doses in rabbits 11534
sodium sulfide in rabbits (It) 1528
strychnine (Fr) 14373
various drugs on ECG changes caused by hyperkalemia in rats 26491

*experimental*

eff. of acute compression of aorta in cats & dogs (Por) 3702
eff. of anemia during hypothermia, in rats (Fr) 38727
eff. of arterial pH values in hypothermic dogs 11529
eff. of body position in rats (Ger) 34181
eff. of exposure to 40 G acceleration in chimpanzees 4691
eff. of hypothermia in cat (Pol) 30694
eff. of hypothermia in dog (Sp) 8864
eff. of induced circ. arrest in hypothermic dogs (Por) 44451
in emetine tox., prev. of ECG changes by potassium chloride in guinea pig (It) 53775
in exper. heart inj. in rats (Rus) 48035
in exper. surg. with artif. heart in dogs (Rus) 3405
in horses, ... (Fr) 36691
in lactating mice, methodol. aspects (It) 13986
of aging male rat 39571
of lymph heart of frogs (Rus) 29174
of pulm. capillary transm. of aortic pressure in normal dogs & in mitral insuff., review (Fr) 26194
U wave changes induced by exper. compression of inferior vena cava in rabbits (Fr) 41937
ventric. coupling induced by anodal & cathodal polarization during continuous direct currents in dog ventricle 47141

*in various diseases*

absolute arrhythmia, dependence of cardiac output on R-R interval (Ger) 55541
acute coronary attacks without classic ECG signs of acute myocardial infarct, review 53569
alcoholism, detection of cardiac changes 35171
amyotrophic lateral sclerosis (Rus) 46335
angina pectoris & myocardial infarct 51150
angina pectoris, frequency of precordial systolic bulges 33059
angina pectoris reversible 15643
angina pectoris with premature systoles 15540
arrhythmia in pulm. heart dis. 19873
arrhythmia of nodal & coronary origin (Fr) 7040
atelectasis, pulm., in newborn inf. (It) 13104
atrial disease. 24334
atrial septal defect (Dut) 52511
auric. conduction & stimulation disord., value of esophageal lead (Ger) 33361
auric. flutter, chronic 3373
auric. septal defect 24351
auric. septal defect, correlation with hemodynamics 24352
auric. septal defect, correlation with hemodynamics (Sp) 25673
auric. septal defect, procaine inject. into sino-atrial node during surg. causing ECG changes (It) 29560
auric.-ventric. block caused by paroxysmal with tachycardiac ventric. rhythm (Rum) 6589
auric.-ventric. block, complete with idioventric. rhythm of Hisian origin, ECG (Por) 38090
AV block (Sp) 43868
bi-auricular overload (Por) 36891
bradycardia with infarct & hypertrophy, case report (Sp) 31037
bundle-branch block, bilateral (It) 15345
bundle branch block, complete & incomplete (Fr) 1462
bundle branch block, complete right, data from endocardial & precordial leads 438
bundle branch block in aged 38562
bundle branch block, incomplete right (It) 8785
bundle branch block, right 49108
bundle branch block, right (It) 8784
bundle branch block, right, patterns in relation to pathogen. (It) 29559
cardiac enlargement (Sp) 8166
cardiac trypanosomiasis (Sp) 21033
cardiovasc. defects, analysis of pressure & volume tolerance of right ventricle (Ger) 1316
cardiovasc. dis. & focal infect., eff. of psychogenic factors (Ger) 54319
cardiovasc. dis., changes in U wave & TU segment (Sp) 21113
cerebral vasc. accid. (It) 25828
chronic pulm. heart dis. (Fr) 44099
coarctation of aorta, pre-& postop. exam. (Ger) 39983
combined anterior & posterior myocardial infarct (It) 29697
congen. cardiovasc. defects with hyperaffluent pulm. & contralateral fields (It) 29728
congen. heart dis., extreme QRS deviations (It) 42801
congestive heart failure, after ligation of iliac veins (Rus) 33237
congestive heart failure, case report 15554
congestive heart failure, eff. of decrease in venous pressure on ECG (Tur) 33004
coronary dis., differ. diag. (Rus) 33260
coronary dis., review 53565
coronary sinus rhythm (Rum) 6591
coronary sinus rhythm, paroxysmal tachycardia, extrasystole & other arrhythmias (It) 3844
dextrocardia with bundle branch block & myocardial infarct in 60-year old woman 34368
dietary hyperlipemia in angina pectoris, eff. of gastric mucin plasma clearing 2891
diphtheria (Rus) 53643
effort test, diag. value in heart dis. (It) 43674
electrolyte metab. disord. 31256
exper. brain concussion, eff. of autonomic drugs in cats (Rus) 20789
exper. bundle branch block, importance of septal activation in electrogenesis of unipolar morphol., eff. of total extirpation of free ventric. wall 15637
exper. carbon tetrachloride pois. (It) 39362
exper. Coxsackie virus B1, B3, B4, & B5 infect. (It) 13987
exper. emetine pois., eff. of methylandrostenediol & prednisolone (It) 35159
exper. myocardial infarct, eff. of aspartic acid salts in rabbits (Fr) 26800
exper. regional ischemia of left ventricle, correlation with myocardial oxygen content & musc. contraction recordings 15005
funnel chest 14034
glomerulonephritis, correlation with blood potassium (It) 29702
heart block, supernormal phase (Ger) 26487
heart dis. induced by heat stroke in rabbit (It) 15348

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

hepatitis, infect. (Dut) 16420
hypertension during ther. by trimethaphan (Ger) 35946
hypertension, eff. of combined health resort ther. (Rus) 54550
hypertension, eff. of various balneol. procedures (Pol) 30867
hypertension in young subjects (Rus) 18290
hyperthyroidism 48152
hypertrophy of conus arteriosus (Fr) 36676
hypertrophy of left ventricle & left-sided heart block, behavior of U wave (Ger) 55545
hyperventilation synd. 33055
hyperventilation tetany 568
hypocalcemia in inf., ECG in diag. & control of ther., review (Fr) 32392
hypokalemia (Pol) 30785
hypopotassemia 27825
hypothyroidism, case report 18087
infect. dis. with cardiac compl., eff. of various drugs & funct. stimuli on changes in repolarization wave (It) 21435
influenza, Asian (It) 21005
integral QRS, T vectors & ventric. gradients in orthostatic synd., review (Ger) 13351
interatrial septal defects, perop. ECG (It) 19163
intracardiac ECG in arrhythmias (Fr) 7043
intricardiac ECG in cardiac hypertrophy & various types of heart block, with cardiac catheterization (Fr) 7042
isolated premature ventric. beat in myocardial infarct 14964
left ventric. enlargement with myocardial infarct, case report (Sp) 43883
left ventric. enlargement with myocardial necrosis, case report (Sp) 43894
left ventric. hypertrophy 36979
left ventric. hypertrophy, U wave characteristics (Sp) 36843
levocardia, relation of P wave to situation of auricles (Sp) 35669
liver dis., evaluation of ECG abnorm. characteristic of hypocalcemia 35626
Luciani-Wenckebach periods in patient with mastoid rheum. heart dis. treated with prednisone & complicated by melena (It) 20401
lymphoblastic infiltration of myocardium in lymphatic leukemia, causing arrhythmia (Fr) 7053
malposition of heart, rotated clockwise (Sp) 8222
metabolic dis. (Ger) 34043
46109
46131
mitral insuff., recordings with oesophageal lead (It) 36763
mitral regurgitation 2904
mitral stenosis, changes during surg. (Fr) 36681
mitral stenosis, correlation with phonocardiography 36488
mitral stenosis, recordings with oesophageal lead (It) 36764
multiple heart dis., case report (Sp) 43894
myocardial dis. caused by viral hepatitis (It) 36204
myocardial infarct 26141
myocardial infarct (Dut) 16419
myocardial infarct, acute subendocardial types 2907
2908
myocardial infarct, correlation with spatial vectorcardiography & postmortem pathol. 2884
myocardial infarct, elevated R wave in right precordial lead (It) 15892
myocardial infarct, increased unipolar limb leads (Rus) 33255
myocardial infarct, late changes (Rus) 18295
myocardial infarct of posterior wall, chest lead changes 31792
myocardial infarct, posterior, additional leads (Ger) 22001
myocardial infarct, serial K determ. 46933
myocardial infarct, small atypical types 2901
myocardial infarct with symptheticotonia, case report (Pol) 8074
myocardial involvement in angina diphtheritica, correlation with blood glutamic oxalacetic & glutamic pyruvic transaminase levels (It) 54223
myocarditis in dogs (Dut) 16411
myocardosis, ventric. gradient determ. (Ger) 34183
neck & cervicobrachial pain, eff. of hyperextension & traction (It) 8665
neurocirculatory asthenia 36251
orthostatic circ. disord., significance of orthostasis ECG (Ger) 22970
P III lead in coronary insuff. (It) 30649
pain caused by duodenal distention (It) 54195
pancreatitis, case report (Fr) 36627
paroxysmal atrial tachycardia in newborn 5809
paroxysmal ventric. tachycardia 46862
patent ductus arteriosus & ventric. septal defects, review (Sp) 36837
peptic ulcer, eff. of vitamin B12 & ganglion-blocking agents on pictures (Rus) 33361
pericarditis, acute non-specific 54435
perop. cardiac arrest (It) 19156
persistent common strioventric. canal (Fr) 7044
pheochromocytoma (It) 25633
portal ligation in dogs (Sp) 15494
postop. arrhythmia & pericarditis after intrathoracic surg. (Sp) 44496
progressive musc. dystrophy, case reports 17445
prolonged QT interval in child. with congen. deaf-mutism, syncope & sudden death 7403
pulm. heart dis. (Sp) 8194
pulm. heart dis., correlation with hemodynamic findings (Sp) 21198
pulm. heart dis. secondary to pulm. emphysema, postmortem correlation 437
pulm. stenosis with intact ventric. septum (Rus) 43995
rheum. heart dis. (Dut) 32738
right ventric. hypertrophy, deep S wave in leads V1, 2 & 3 2893
right ventric. hypertrophy in pulm. stenosis 35628
scleroderma, review & case reports 24325
scleroderma with heart involvement (It) 36758
septal defect, ventric. 34988
stiffness, manifest. (Fr) 43745
suspended heart synd. 6179
syncope angiosa caused by effort (It) 42578
syphilitic heart dis. 14033
tachycardia with aberrant ventric. conduction; esophageal lead 35616
tetanus, exper. & human (It) 8054
tetralogy of Fallot (Sp) 36839
total atrial block, double auric. rhythm without interference, case reports (Ger) 49136
tropical eosinophilia 4305
trypanosomiasis, Rh. Amer. in mouse 18347
tubere., eff. of body constitution & size of sella turcica (Ger) 22885
tubere., pulm. (It) 54227
unusual cardiovasc. compl. of influenza (Fr) 43763
ventric. hypertrophy, ECG & anat. correlates 26499
ventric. hypertrophy in 1st year of life, statist. 1412
ventric. repolarization disord., case report (Sp) 53333
Wenckebach phenomenon in 2nd degree heart block, occurrence over period of several years in young healthy adult 462
Wernicke's encephalopathy, correlation with peripheral neuropathy 30121
Wolff-Parkinson-White synd. 2887 20652 20663 48700
Wolff-Parkinson-White synd., eff. of flavone-7-hydroxyethylacetate ther. on abnorm. repolarization, review (It) 49575

## ELECTROCOAGULATION

of pituitary gland tumors, technic (Ger) 29065
of uterine cervix, technic (Sp) 9691
prefrontal lobe, in ther. of peptic ulcer (Sp) 49157

### *in various diseases*

angioma of retina 12442
cancer of lower lip (Pol) 53138
cancer of vulva, results, statist. 36018
cervical erosion & rupt. (Pol) 29625
electropallidoamygdalotomy in extrapyramidal & convulsive disord. 19787
glaucoma (Rus) 23553
melanoma, malignant, with radiother. (Cz) 21549
ulcus rodens of cornea (Fr) 36149

## ELECTRODIAGNOSIS

20700
electrogustometric exam. in cerebellopontine tumors & on taste pathways 52580
technics & diag. value, review 19875

### *apparatus and instruments*

bipolar stimulating electrode 31472
electrodiag. stimulators for neuromusc. disord., types & designs 2207

### *in various diseases*

backache caused by intervertebral disk disord. (Sp) 44401
paralysis (Ger) 36474

## ELECTROENCEPHALOGRAPHY

activation by fractionated pneumoencephalography (Fr) 54100
activation by intermittent luminous stimulation assoc. with admin. of 4,4-ethylmethylglutaramide (It) 29637
as indicator of maturation of persons, diag. of neurosis by persistent juvenile EEG (Ger) 44199
cortical & hypothalamic changes during conditioned reflex form. (Rus) 23265
cortical & subcortical variations in electronarcosis (Rus) 48030
determ. of neurovegetative lability (It) 19215
during sleep (Fr) 48893
eff. of blood pH & carbon dioxide 19795
eff. of conditioned reflexes (Rus) 23258
eff. of cortical stimulation & inhib. (Rus) 23266
eff. of exper. cardiopulm. by-pass 8283
eff. of first vacc. 12037
eff. of interoceptive stimulation in hypothermia on cortical responses (Rus) 7801
eff. of labyrinth funct. tests of Kobrak & Barany, in normal young men (Ger) 18320
eff. of motor habit form. (Rus) 23257
eff. of pathol. foci of stationary irritation (Rus) 23256
electronics demonstration unit for EEG technicians 8619
equalizing our reference resist. in monopolar recording to eliminate artifactual temporal lobe asymmetry 27333
familial genetic analysis of normal EEG (Ger) 49122
fetal, technics & clin. value 14224
14 & 6 per second positive spike complexes, clin. significance 43122
hyperarythmia in child. (Fr) 54081
in child., indic. (Ger) 11134
in conditioned reflex after repeated reinforcements 30379
in conditioned reflexes (Cz) 36552
in control of depth of anesth., technic (Rus) 18180
in episodic behavior disord. 27020
in inf., slow rhythm (Rus) 23282
in open-heart surg. with cyclopropane or ether anesth. 34981
in psychogalvanic reflex (Cz) 38176
in rhythm adaptation in form. of motor stereotype (Rus) 49534
in sleep & awaking state, age factor (Rus) 1747
in socially adjusted old people 17751
indices of cortical inhib. & stimulation (Rus) 49519
leads, arrangement (Cz) 38289
location of EEG departments in vicinity of large transformers & allowable magnetic field strength in EEG 27335
of auditory & motor areas during form. of motor defense conditioned reflexes (Rus) 11521
of inf. during first 3 years of life (Fr) 49317
of motor & auditory analyzers, variations in different layers during prod. of defense conditioned reflexes (Rus) 23264
of newborn, indic. & diag. value (It) 29708
of newborn inf. born in cesarean section, forceps delivery & dystocia in labor (It) 42772
of newborn inf., eff. of acoustic stimuli (It) 42777
of on- & off-response of human visual cortex 43347
of visual & motor regions, eff. of photic reinforcement of dominant focus in motor region (Rus) 23268
perop., in control of thoracic surg. (Pur) 38901
pre-rolandic spike-waves (Fr) 54097
registration with Drohocki integrator, accuracy (Fr) 9172
review 47150
rolandic spikes in child. (Fr) 54098
role of γ-aminobutyric acid in electrocortical arousal, exper. in rabbits 48878
sound-light conditioning of responses in humans (Fr) 54091
topography & integration center (Fr) 54091
waking reaction in brain dis. (It) 1521

### *apparatus and instruments*

device for scoring electroencephalograms 798
variable-frequency, variable-selectivity filter 27332

### *effect of drugs on*

γ-aminobutyryl-choline in cats & rabbits 29885
ammonium carbonate inc. in rats 52331
amobarbital & pentylenetetrazole activation 52550



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

barbiturates in moderate doses in male post-addicts, eff. of admin. & withdrawal 27320

chloralose, 4,4-ethylmethyl-glutarimide & pentylenetetrazole as activating substances (Fr) 44200

chlorpromazine & reserpine on recordings in humans (Ger) 35258

cortical & subcortical eff. of chlorpromazine, 1,4-dipyrrolidino-2-butyne, pentobarbital & reserpine 11661

curare in cat 27325

cycloserine ther. of tuberc. causing neuropsychiatric disord. (Fr) 987

diatrizoate sodium & methylglucamine salts in cerebral angiography, comparison with other contrast media (Ger) 55752

dithazine in patients at various stages of electroshock ther. 76

dimethyltryptamine 46967

dimethyltryptamine in normal persons (Hun) 40052

4,4-ethylmethylglutarimide in epileptics (It) 3721

4,4-ethylmethylglutarimide in ther. of non-organic ment. disord. 7394

flavin-adenine dinucleotide & riboflavin-5'-sulfate 7211

fructose on post-insulin EEG changes (Fr) 44613

isoniazid in meningeal tuberc. in child. (Fr) 4025

kanamycin in cerebral compl. of liver cirrhosis & pulm. edema 25015

mepazine ther. of ment. disord. (It) 38551

meprobamate in rabbits (It) 31718

methitural intravenous anesth. (Fr) 48918

methylphenidylacetate in rabbit (It) 9397

musc. relaxants, carotid admin. in dogs (It) 51956

pentylenetetrazole activation, mephenesin premedication (Fr) 54101

pentylenetetrazole & photic activation in epilepsy & ment. disord. (It) 9394

pentylenetetrazole in former eclampsia patients (Ger) 9517

physostigmine (Rus) 34611

prochlorperazine-induced confusional state in mild manic-depressive (Fr) 47457

promazine 47181

tranquilizing agents in alcoholics with rum fits 50904

***experimental***

cortico-spinal responsiveness during arousal of cats from sleep 12528

eff. of asynchronous photic stimulation in dogs (Rus) 23263

eff. of loud sounds on EEG & evoked potentials in rabbit 23350

eff. of prolonged cerebral anoxia in cats (Fr) 48916

electrocorticographic manifest. of responses to photic stimuli in rabbits before & after local microtrauma to cerebral cortex (Ger) 39044

in conditioned & orientation reflexes in young dogs, age factor (Rus) 23267

in exper. pois. with solvents (It) 13990

in exper. strychnine convulsions in rabbits (Ger) 36488

in pentylenetetrazole-induced epilepsy, response to phenothiazines, steroids & tranquilizing agents in rabbit (Fr) 54912

technic for placing electrodes for routine electrocorticography in exper. physiol. (Fr) 41335

***in various diseases***

acrodynia, clin. value (It) 20207

acrodynia in child. (It) 42767

acute vasc. lesions of brain stem 52576

Addison's dis. (Rus) 41653

Alzheimer's dis. 5497

angiomas of brain (It) 32119

anoxic convulsions in child., differentiation from epilepsy 27317

anoxic convulsions in young child. (Fr) 54080

behavior disord. (Sp) 44410

behavior disord. in child. (Fr) 54099

brain closed inj. in child., eff. of rhythmic photic stimuli (Rus) 34795

brain damage, correlation with critical flicker frequency 19791

brain dis. caused by electric inj. (Ger) 44217

brain dis. in child. (Sp) 36846

brain tumors (Dut) 52519

brain tumors, correlation with response to photic stimulation (Cz) 2779

brain tumors in child. (Ger) 25390

brain tumors, preop. & postop. EEG (Fr) 54102

cancer of brain (It) 19248

carbon monoxide pois. (Dan) 2583X

carotid & basilar insuff., tilt table findings 7395

cerebral hematoma localization (Fr) 31995

cerebral hematomas 52584

cerebral hemorrh. (Fr) 54103

cerebral hemorrh. (Sp) 19781

cerebral hemorrh. & thrombosis (Rus) 46295

closed brain inj., early & late manifest. (Ger) 38430

coma 27316

convulsions caused by nitrobenzene pois. (It) 43704

convulsions in inf. & child. (Fr) 54072 54076 54078 54079 54084 54085 54086

diabetes mellitus (Ger) 51813

diabetes mellitus (It) 25695

diencephalic epilepsy, EEG manifest., case reports (Sp) 42203

electroshock (It) 39359

encephalitis & catatonic synd. caused by Asian influenza A 57 (Fr) 9137

enuresis (Fr) 35529

epilepsy (Ger) 15881

epilepsy, eff. of 1,2-bis[(5-β-chloroethyl-4-methyl) thiazol-3-yl-sulfo] ethane ther. 31962

epilepsy, findings in cured cases (Ger) 36481

epilepsy in child., focal seizures (Ger) 25389

epilepsy, psychomotor, eff. of temporal lobectomy (Fr) 27344

epilepsy, psychomotor, in child. (It) 32159

epilepsy, subdural electrograms (Sp) 31005

epilepsy, unusual findings (Ger) 33862

febrile convulsions (Fr) 54073

febrile convulsions in child. under 4 (Fr) 54074

head inj. 24077

hyperammonemia, exper. 43123

hypertension, eff. of pentamethonium ther. (Cz) 38286

hyperthyroidism, secondary (Fr) 8242

hypochondria in schizophrenia (Rus) 23259

hypoglycemia in rabbit 70

Kaposi's varicelliform eruption with CNS involvement (It) 42634

latent vasc. insuff. of brain stem (Cz) 2767

local acute closed brain inj. 23411

manic-depressive psychoses (Fr) 36116

meningoencephalitis, primary aseptic 24091

ment. disord. (Rus) 34719

ment. disord. in aged, diag. & progn. value 16000

mental disord., diag. value 911

movement disord. in hysteria patients (Rus) 46332

multiple sclerosis 39169

myoclonus & myoclonic epilepsy in child. (Fr) 54082

neurasthenia, in sleep & waking state (Rus) 23260

neurol. disord. caused by prochlorperazine ther. in child. (Fr) 38775

neurophysiopathol. seq. of brain inj. of boxers (Sp) 39094

occipital tumors (Rus) 55853

otoneuroretinal abiotrophy, audiometric correlation (Fr) 31926

palencephalography in syncope (Fr) 54104

pavor nocturnus & somnambulism in child. (Cz) 38283

pediatric dis., comparison with normal child. (Rus) 23261

polio. in child. 43498

posttraum. synd., value & limitations (It) 32130

presenile dementia 5490

pseudohypertrophic musc. dystrophy manifest. 21868

psychoses, funct. 3193

reflex epilepsy, ECG study of mechanism of predisposition, in dogs (It) 25647

resp. acidosis, chronic neurogenic 27331

rheoencephalography, diag. value in subdural hematoma (Ger) 22865

rubella encephalitis, unusual case report 27327

schizophrenia (Fr) 1004

schizophrenia (It) 42610

schizophrenia, eff. of insulin shock ther. (Rus) 46298

schizophrenia in adolescents, EEG responses to simple & combined stimuli (Fr) 34144

schizophrenia, in reserpine ther., relation to somatic findings (Ger) 36489

scleroderma (Sp) 43873

senile ment. dis. 27316

subdural hematoma (Fr) 27024

temporal epilepsy, diag. value of sleep-EEG 27319

vasc. disord. of brain (Sp) 19780

***ELECTROKYMOGRAPHY*** *see* **KYMOGRAPHY**

## ELECTROLYSIS

electrolytic decalcination of petrous pyramids (Rus) 10774

exper. electrolytic dissolution of copper splinters in isolated bovine vitreous body 2093

***ELECTROLYTE-FLUID BALANCE*** *see* **BODY FLUID BALANCE**

## ELECTROLYTES

***see also*** **BODY FLUIDS**

***see also*** **IONS**

in bile & gastric juice in surg. patients (Por) 44438

in gastric contents after postop. aspiration (Por) 16121

in human saliva, eff. of admin. of cortisone & prednisone (It) 30339

in sheep's parotid gland during maximum stimulation 28620

in sweat in patients of allergies 23510

in various physiol. & pathol. states, basic concepts (Sp) 8607

superficial tension of electrolyte solutions & their specific conductivity 9484

total normal electrolyte & body water composition, review 52993

***administration***

oral, indic. (Por) 44373

***effects***

on cultures of rabbit corneal cells & human conjunctival cells 24570

on induction of dent. caries by wheat cereal diets in rats 17816

on pH-resist. of erythrocytes in various buffers 38521

polyelectrolyte reaction with surfaces of normal & tumor cells 26005

role in prod. of exper. cardiac & coronary necrosis (Ger) 44935

***in blood***

balance in alarm reaction induced by electric stimulation of central portion of sciatic nerve in rabbits (Fr) 26764

binding with blood proteins, determ. by filtration method (Dut) 29974

clearance tests in renal dis., value (Pol) 30801

determ. in child., bedside laboratory technics, review 53013

eff. of acetazolamide, relation to intraocular pressure 37603

eff. of cold acclimatization 4886

eff. of extracorporeal circ. in open heart surg. 13206

eff. of gyn. surg. (It) 9418

eff. of hemorrh. in young rabbit 47132

eff. of hypoglycemia & epinephrine admin. in relation to ECG (Pol) 30794

eff. of hypothermia in man, rats & rabbits 54924

eff. of sleep (It) 32155

eff. on antigen-antibody reactions (Ger) 39027

electrolyte concentration-water content in light hypoglycemic states (Pol) 30795

in burns, eff. on levels in child. & adults (Pol) 30696

in congestive heart failure, changes (Sp) 29372

42234

in myocardial infarct. & intermediary synd. (It) 52083

in plasma & erythrocytes, eff. of dextran in post-hemorrhaged dog 46092

in pregn. goats & their fetuses 12571

in preg. sow & fetus 35740

in thermal dehydration (Pol) 30787

in thoroughbred race horses, eff. of systematic train. & comparison with ordinary horses 40467

ionographic determ., representation of slight deviations (Ger) 9532

maternal & fetal blood in diabetes mellitus, review 43494

***in cerebrospinal fluid***

in various dis. 24082

***in urine***

daily excretion & variations under different working & climatic cond. (Ger) 40177

eff. of acute hypochloremia on electrolyte excretion in dogs 39363

eff. of angiotonin II on excretion in humans (Ger) 18321

eff. of 6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide (Dan) 22411

eff. of desoxycorticosterone, inhib. by progesterone 44124

eff. of oxytocin & vasopressin on excretion in dogs 5778

urine as electrolytic solution 24795

***metabolism***

absorp. by stomach in dogs (Fr) 1440

blood & urine, eff. of polyvinylpyrrolidone prep. with & without sodium in surg. patients (Fr) 47323

brain content in newborn & adult animals, relation to susceptibility to exper. seizures 31280

disord., ECG manifest. 31256

disord. in salicylate pois., causing resp. alkalosis & metab. acidosis, in child. 48785

disord. in severe chronic malnutrition, in Mexican preschool child. (Sp) 48079

during acclimatization to high altitude 55882

dynamics of dispersion through tissues & elimination studied by radio-isotope method (Fr) 48950

eff. of adrenal cortex hormones in obese & slender diabetics (Ger) 15637

eff. of 6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide 13180

eff. of intravenous infusions of saline & glucose hypertonic solutions on renal excretion of water & electrolytes (It) 3867

eff. on vasomotor activity of hypotensive drugs (Fr) 13466

exchange in frog smooth musc. in vitro 12407

extracellular electrolyte variations in metabolic acidosis & alkalosis in nephrectomized cats 35814

in congestive heart failure, eff. of glutamic acid & lanatoside C 31794

in diabetes mellitus (Ger) 49674

in exper. carbon tetrachloride pois. (It) 39362

in liver dis. (Ger) 49677

in lizards 51102

in pregn., toxemia, electrolyte content of edema fluid in various parts of the body (It) 29628

in severe burns 25042

in surg. (Ger) 38443

losses assoc. with taking of cathartics, isotope study 37715

musc., value of bioptic analysis in diag. & ther. of metab. dis. (Pol) 30782

myocardial homogenates from frogs & turtles 14991

nerv. tissue, method for multiple analyses on small tissue samples 50916

permeability of frog smooth musc. to electrolytes 12488

phase distribution in small samples of skeletal musc., determ. 15055

postop., after partial nephrectomy, in rats, eff. of sodium & potassium chloride admin. (Fr) 26719

relation to musc. contraction, neurophysiol. mechanisms (Fr) 31914

renal excretion, eff. of magnesium loading 4868

renal transport 13172

retention in vitamin B6 defic. rats, eff. of desoxypyridoxine & isoniazid 17811

skin, eff. of temperature on isolated frog skin 50567

skin, in tuberc. & heart, kidney & endocrine dis. (It) 19234

transfer of solutes in moving fluids through walls of biol. tubes, theoretical study 51100

uterus, eff. of drug-induced contractions on electrolyte exchange between uterine tissues & saline-bicarbonate medium 48454

uterus, in pre-eclampsia 50973

uterus, in pregn. & normal & prolonged labor 50972

water-electrolyte balance of myocardium, eff. of monolateral adrenalectomy in guinea pigs (It) 1501

***therapeutic use***

electrolyte & fluid ther. of burns 52137

fluid-electrolyte ther. in severe asthma in child 21863

## ELECTROMYOGRAPHY

(Dan) 33389

(Dan) 33395

eff. of prolonged work on musc. action potential 17078

in convulsions induced by electrostimulation of reticular substance & periaqueductal substance in cat & rat 5516

in evaluation of funct. status of myoneural system 16331

in saccadic eye movement 24559

of extraocular musc. 46464

of leg musc. during movements of free foot & during standing 47096

of musc. tonus & hypertonia (Dut) 37039

of oculomotor musc. 688

of oculomotor musc. (Sp) 37253

of resp. musc. during asthma attacks before & after lidocaine & procaine inhalation (Ger) 12196

of spinal mechanisms in abdom. & erector spinae skin reflexes 25973

of vocal cords 20537

of vocal cord musc. in dogs (It) 36740

of voluntary musc. motility, relation to electrical activity (Ger) 35393

problems in clin. electromyographic studies (Rus) 46349

study of retardation of musc. contraction by remote control stimulation (Fr) 41391

uses & limitations 14538

***apparatus and instruments***

new myograph (Ger) 27169

***in various diseases***

amyotrophic lateral sclerosis & motor root compression by intervertebral disk dislocation 32082

asymmetric convergence 24558

cerebral palsy 47097

eye dis. & ocular manifest. of systemic dis. 27074

headache, chronic 19979

fract. of long bones (Rus) 43412

movement disord. in hysteria patients (Rus) 46332

myasthenia gravis, diag. value (It) 36760

myotonia congenita, atypical forms (It) 32475

neck & shoulder neuromusc. disord., diag. value 48760

neurogenic musc. atrophy, determ. of funct. organiz. of musc. motor units (Ger) 49118

neurol. compl. of spinal anesth., value in determining anesth. as true causative agent 16616

of biceps stretch reflex in musc. rigidity & spasticity in cerebral lesions (Fr) 44622

paralysis agitans, after ther. with 3-(β-diethylaminoethyl)-3-phenyl-glutarimide (Ger) 55372

peripheral vasc. dis. (Pol) 30834

psychomotor disord. (Cz) 48644

scapulo-peroneal amyotrophy (Rus) 46324

tetany, diag. value in study of neuromusc. hyperexcitability (It) 36739

## ELECTRONARCOSIS

***see also*** SHOCK THERAPY, ELECTRIC

review (It) 42692

42698

***effects***

on cortical & subcortical EEG (Rus) 48030

***therapeutic use***

eczema & neurodermatitis (Rus) 45142

hypertension (Rus) 28822

peptic ulcer (Rus) 28823

## ELECTRONICS

electronic analogue computers for research on learning 14218

electronic counting & sizing of bact. 7124

electronic device using tape-recorder & oscilloscope for detection of cardiac disord. 53295

## ELECTRONS

***see also*** NEUTRONS

appar. for measuring electron attachment, results for oxygen in argon 27795

dosimetry of electron beam from 4 MeV accelerator (Fr) 18018

eff. of electron bombardment on sodium tetraborate & boric acid in electron microscope 29807

eff. of electron rays on reaction kinetic behavior of luciferase (Ger) 9981

electron transfer particle coupling oxidative phosphorylation 13785

electron transfer particle from beef heart musc., requirement of soluble macromolecule for oxidative phosphorylation 13835

electron transfer processes in carcinogen-protein complexes, relation to mechanism of carcinogenesis 26008

electron transport inhib. by chlortetracycline as basis for E. coli-resist. 16934

focusing system for injection of electrons in synchrotron (It) 53827

high-energy electron beams in radiother., evaluation (It) 6952

high energy electron beams for ther. use, energy spectra measurements & scattering of beam by metal sheets & water 37623

high-energy electron inactivation of Newcastle dis. virus hemolysin 31348

transport in mechanism of biol. oxidation in tissue metab. 9608

***effects***

fast electrons inducing mutation in Drosophila (Ger) 9987

high-speed electrons on bovine fibrinogen in vitro 8521

## ELECTROPHORESIS

***see also*** ION TRANSFER

agar & paper, review (Pol) 53219

application of direct photographic photometry to preparative electrophoresis 7218

crossing technic for detection of antigen-antibody reactions 19557

data, statist. evaluation by discriminatory analysis method (Ger) 23724

density gradient zone electrophoresis, appar. & technic 25860

diag. value (Por) 1571

eff. of electrophoresis on thrombin form. during determ. of proteins in fresh & preserved blood (Ger) 55448

eff. of heat on electrophoretic patterns 46898

eff. of ionic strength on relative mobility of abnorm. proteins 50718

fixation of paper electrophoretograms of blood proteins, simplified rapid method 12281

graphic differentiation of 2 electrophoretic constituents with similar mobilities (Fr) 26329

high-voltage electrophoresis for quantitative determ. of biochemicals (Ger) 25889

hist., appar. & methods 10509

immunoelectrophoresis, micro-modification (Cz) 38174

immuno-electrophoresis of body fluids, technics (Fr) 19350

immunol. use (Bul) 45289

interpretation, technic (It) 1866

method for making starch-gel electrophoresis strips transparent 19470

migration-elution of zones in electrophoresis column 19509

non-continuous buffer system for starch gel electrophoresis (Fr) 44610

on decomposable cellulose columns, appar. & technic (It) 32596

on oblong agar plates (Ger) 36924

paper electrophoresis in magnetic field 49295

rapid electrophoresis in density gradients combined with pH & conductivity gradients, review 6758

reprod. of findings (Ger) 11164

small-scale membrane filter electrophoresis & immuno-electrophoresis, appar. & technic 15018

stabilization of current in paper electrophoresis, technic (Fr) 38521

starch gel electrophoresis for high resolution of human plasma components 7204

starch gel technic, application in clin. chem. (Fr) 24769

technic, comparative study (Ger) 11217

zone electrophoresis, modification of horizontal type of appar. to reduce repeated handling of strips 15026

zone electrophoresis of human parotid saliva in starch gels, technic 50707

zone electrophoresis on agar gel, interferometric registration of concentration changes during electrophoresis (Ger) 55558

***apparatus and instruments***

Abramson-Moyer's chamber for micro-electrophoresis (Rus) 25916

appar. for automatic coloring & decoloring of electrophoresis papers 32253

appar. for elution by combined chromatography & electrophoresis (It) 18751

appar. for microelectrophoresis of small particles 19459

cell for determ. of electrophoretic velocity of microscopic particles 30288

device for maintenance of constant pH during column electrophoresis (Fr) 26347

microcell for recording conductivity diagrams (Fr) 26330

simple appar. for support-free preparative filter electrophoresis (Ger) 46181

## ELECTROPHYSIOLOGY

basis for neuropharmacol., review 49448

construction of model of fixed-charge membrane for theoretical research 17329

exper. with silver/silver nitrate reversible electrodes of primary type (Fr) 26803

modulation of middle frequency currents used in electrophysiol. research (Fr) 26735

recording inhib. & excitation in cat's retinal ganglion cells with intracellular electrodes 52453

skin sensitivity to electrical pulse stimuli 17082

ultra-high frequencies in biol. research (Rus) 25910

***apparatus and instruments***

appar. for continuous registration of low frequency impulses (Ger) 33980

appar. for prod. of modulated light 30652

automatic appar. for prep. of capillary micro-electrodes (It) 53826

circuit for comparison of electrical potentials (It) 31709

electrical stimulator (Rus) 25920

electronic system for automatic alternate operation of 2 stimulators, a camera & cathode ray tube 27336

impedance measuring shunts (Ger) 33936

impulse-controlling appar. in prod. of double rhythms for stimulation exper. (Ger) 33937

magnetic tape-recording monitor for simultaneous recording of several physiol. functions 2939

multiple electrode carrier for prolonged implant in small animals 27338

smallest appar. for wireless transm. of biol. measurement values of free moving men or animals (Ger) 38918



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

unity gain cathode follower 27337

**ELECTRORETINOGRAPHY**

B wave characteristics in human, review 11681

changes in electroretinogram & internal electroretinogram of turtle eye during passage of current across retina (Fr) 48917

determ. of activity of visual analyzer in frog (Rus) 49533

eff. of iodoacetate pois. on electroretinogram in cats (Ger) 33943

eff. of short-lasting retinal ischemia on electroretinogram in cats (Ger) 33941

electric responses from isolated retinas of fish 680

flicker-electroretinography of pure photopic response in spermophile Citellus citellus with pure retinal cone (Ger) 55453

in insects 15703

indic. & technic 11704

intraretinal recording in unopened cat eye 685

of toad retina 682

origin of electroretinogram, action potentials of various retinal layers & extra- & intra-retinal electric resist. (Ger) 33938

origin of electroretinogram, funct. relation of phases of electroretinogram to visual processes (Ger) 33939

photoptic dominator & color components (Ger) 30564

recovery in dark of rabbit's electroretinogram in relation to intensity, duration & color of light-adaptation 35396

review 11691

spectral sensitivity correlation with visual pigments, phys. determinants 684

spectral sensitivity of retina, comparison with evoked potentials from optic tectum of chicken 683

variability of electrical response to various color stimuli & determ. of parameters which define efficiency of light stimulus 23305

vector recording, technic 23853

*effect of drugs on*

inhibitors of carbohydrate metab. in rabbits 7669

schistosomicidal agents amino-phenoxy-alkanes in rabbit 43351

*in various diseases*

chorioretinitis, diag. value (Cs) 14828

deuteranopia & deuteranomaly, photopic electroretinogram, comparison with normal eyes 35394

familial retinitis pigmentosa, review 689

flicker electroretinography in eye dis. 52489

retinal circ. disord. (Fr) 14503

retinitis pigmentosa 47056

*ELECTROSHOCK see* ELECTRICITY, *effects*

*ELECTROSHOCK see* SHOCK THERAPY, ELECTRIC

**ELECTROTHERAPY**

*see also* CAUTERY

*see also* DIATHERMY

*see also* SHOCK THERAPY, ELECTRIC

eff. of microwaves on pain threshold after ther. application 1480

electric stimulation in denervation musc. atrophy 48762

low-frequency current, ther. value (Ger) 4035

negative galvanic current in surg. of ingrown toenails 40388

ther. applications of electrical stimulation of autonomic NS (Fr) 53239

*apparatus and instruments*

bipolar stimulating electrode 31472

*in various diseases*

electrostimulation of diencephalon in ment. disord. 15566

interference currents in paralysis due to polio. (Sp) 29369

microwave ther. in inflamm. gyn. dis. (Ger) 22806

non-convulsive cerebral stimulation in ment. disord. 15565

paralysis (Ger) 36474

peripheral electric stimulation in ment. disord. 15567

psychoses, based on electronically determined brain measurements 15570

**ELEMENTS**

*see also* IONS

*see also* ISOTOPES

*see also* METALS

*see also* TRACE ELEMENTS

absorp., distribution & excretion following subcutaneous & intravenous admin. in mice, radiolutetium determ. (Ger) 49337

promethium deposition in bones & other tissues of rats, eff. of cortisone & edathamil calcium 39236

rare earths, tissue distribution following admin. at various sites & by various methods in mouse & guinea pig (Ger) 32708

stopping power 27791

*determination*

electrodeposition of fissionable elements, short procedure 27815

*toxicity*

lanthanum nitrate tox. in rats after intraperitoneal & subcutaneous inject. 23383

niobium, tox. & distribution after admin. to guinea pigs (Fr) 24906

*ELEPHANTIASIS see* FILARIASIS

*ELEPHANTIASIS see* LYMPHEDEMA

**EMBALMING**

paleohistol. study of Atacama mummies (Sp) 13520

**EMBOLISM**

*see also* CEREBRAL EMBOLISM AND THROMBOSIS

*see also* CORONARY DISEASE

*see also* PULMONARY EMBOLISM AND THROMBOSIS

*see also* THROMBOEMBOLISM

*see also* THROMBOSIS

air, prev. in venipuncture & intravenous ther. 54726

aortic, late embolectomy (Cs) 9433

arterial (Ger) 33822

arterial, in diphtheria (Rus) 45152

diag. & control in GP (Dan) 18584

fat, diag. & ther. 48770

fat embolism (Dut) 7305

fat embolisms, medicolegal factors (Fr) 247

fat, of mesenteric vessels in fract. (Rus) 41515

renal arteries, in mitral valve disord., causing hypertension (Ger) 49070

*case reports*

aortic bifurcation, surg. (Rus) 18201

aortic saddle embolism 6967

arterial, of extremities, diag. & ther. 8109

clin. pathol. conf. 19849

emboli of central retinal artery after mitral commissurotomy 47032

femoral, surg., late embolectomy (Sp) 8156

saddle embolism of aorta in mitral stenosis 49996

*complications*

massive intestinal infarction caused by superior mesenteric artery embolism, autopsy assessment of reconstructive vasc. surg. 52626

*diagnosis*

air embolism in retinal circ. (Ger) 51260

amniotic fluid embolism, histol. diag. 5693

*etiology and pathogenesis*

air embolism caused by intravenous infusions 52686

amniotic fluid embolism, review (It) 21495

amniotic in cesarean section (Dut) 29999

antifoam emboli following perfusion with heart-lung machine, detection in dogs 51343

cholesterol crystals in atherosclerosis (Dut) 29937

echinococcosis, secondary thrombophilia 13005

fat embolism in chronic alcoholism, incidence 34952

fat embolism in intramedullary nailing (Rus) 33201

iodised oil in hysterosalpingography (Ser) 51714

occlusion of renal arteries causing paradoxical embolism & renal failure 12358

*experimental*

fat, relation to ethyl ether-induced convulsions 19801

induction with air, oxygen & carbon dioxide, comparisons in dogs 47593

peripheral arterial embolism in dogs 12702

role of micro-emboli in prod. of carditis in hypersensitivity exper. 51032

*in infant and child*

postop. air embolism in tracheostomy causing sudden death, case report 17829

*manifestations*

atypical in peripheral embolism 16608

*physiology*

physiopathol. of arterial embolism (Sp) 8217

*statistics*

mortal., eff. of aging (Ger) 16076

*surgery*

(Bul) 20750

embolectomy in arterial embolism of extremities (Ger) 22751

peripheral arterial (Heb) 49831

precp. diag. & localization of arterial embolus by segmental plethysmography 25039

*therapy*

anticoagulants in peripheral embolism of arteries (Ger) 384

fat embolism, dehydrocholic acid ther. (Ger) 42909

fibrinolysin 18361

heparin in prev. of embolectomy (Ger) 22871

mixture of heparin with heparin-like substances (Ger) 42320

49141

peripheral arterial embolism, indic. & technics (Pol) 30852

**EMBRYO**

*see also* FETUS

antibact. activity of allantoic fluid of embryonated eggs infected with influenza virus against Bacillus subtilis 41967

bilateral symmetry, dominant orientation of embryo & orientation in space of axis of egg in utero in various birds (Fr) 26703

bilateral symmetry, exper. changes of inclination of axis of egg in utero & eff. on orientation of pigeon embryo (Fr) 26704

clin. application of embryonic skin grafts in adults 47543

congen. branchiogenous anomalies 50174

dependence of cellular transform. of competent ectoderm on temporal relationships in induction process, exper. in Triturus vulgaris embryo 4991

determinants of bilateral symmetry in birds, dominant orientation of embryo to egg axis & von Baer's law (Fr) 15143

develop. of isolated blastomeres of Amphioxus 54425

differentiation in fern gametophyte, control by amino acid analogs & 8-azaguanine 3492

diffusibility of amphibian evocator, exper. in Axolotl & Xenopus 4986

eff. of increased oxygen pressure on develop. of chick & frog embryos 49806

eff. of maternal hypervitaminosis A in rabbits (Fr) 38733

embryomegaly in pregn. rats with mild alloxan diabetes 49174

embryonic induction, eff. of immune serums 3502

embryonic inductive capacity of blood & its constituents 24850

exper. tetraploidy in newts 4983

feedback control theory in differentiation of specialized & unspecialized cells, chem. mechanism, review 44981

forces producing neural closure in amphibia 4989

freemartin occurring spontaneously in double-yolked bird's egg (Fr) 36510

graft-versus-host reaction in transpl. to embryos 47574

growth of rat embryos transplanted whole into brain of young rats 17878

histogenesis, asynchronous development of provisional & definite structures (Rus) 33283

immunol. of embryogenesis, review (Rus) 45830

inductive interaction of embryonic tissues after dissociation & reaggregation 27404

inversion of dorso-ventral axis in axolotl embryos by unilateral restriction of oxygen supply 4992

newt blastulae & gastrulae, analysis of results of frontal & sagittal constrictions 25436

nucleolar appar. & neuronal reactivity to inj. during develop. 5071

number & size of 6-day blastocysts in rabbits during superovulation treatment 17229

orientation by direct rotation of chicken egg in vitro, mechanism (Fr) 3042

polymorphism of lining of celoma in amphibians as manifest. of methorisis (Rus) 33296

primitive streak develop. in early chick embryo in relation to low oxygen pressure 3930

relation of number of somites to incubation in duck embryo (Dut) 7359

sex ratio of hamster embryos, determ. before uterine implantation 29853

stages in develop. of stickleback Gasterosteus aculeatus 4981

successful develop. & birth of mice cultivated in vitro as early embryos, technic 19561

transpl. of tumor tissue to mammalian embryo (Rus) 55336

ultraviolet light method for producing haploid amphibian embryos 40790

viable & nonviabl. skin grafts transplanted to chorioallantoic membrane of chick embryo 19489

whole mounts of small embryos attached directly to glass slides 32620

Xenopus laevis embryos, regional differences in catheptic activity 4987

*blood in*

lipids & lipoproteins in chick embryo, eff. of x-rays 8531

*diseases*

(Ban) 53681

*effect of drugs on*

8-azaguanine, azahypoxanthine, ethionine & p-fluorophenylalanine on chick embryos 4980

benzimidazoles & benzene deriv., lethal eff. on early chick embryo 31357

ω-bromoallylglycine on glycine incorporation into proteins of explanted chick embryos 4970

busulfan & triethylene melamine on amphibian embryos 4979

ether narcosis in pregn. mice on embryo develop. 23540

sodium thiocyanate on isolated mediovestral marginal zone of Triturus gastrulae 4985

thyroxin on chick embryos, histol. studies 12949

triethylene melamine on early stages of chick embryos 4978

***effect of radiations on***

low-dose x-rays on mouse embryo 161

x-ray, on chimera & parabiosis of Triton alpestres (Ger) 10001

***extracts***

eff. of embryonal tissue extracts on exper. tumors (Ger) 11175

eff. of embryonic tissue suspension on growth of homo- & heterografts of Crocker tumor (Rus) 20198

embryonal extract-methylandrostenediol-vitamin E prep., ther. of senility (It) 8051

embryonic tissue suspension, eff. on homografted tumor tissue growth (Rus) 55325

physiol. eff. of bovine embryo extracts in aged, ther. applications (Fr) 54898

ther. use, progr. (Sp) 6578

***metabolism***

eff. of ketoproline on free proline & hydroxyproline levels in chick embryos 44974

enzymes of Krebs cycle in developing avian embryo 16891

glycoproteins (It) 37348

incorporation of hydroxyproline into tissue proteins in chick embryo 40545

lactic & malic dehydrogenases in developing chick embryo, activity & distribution 37052

leucovorin form. in developing chick egg, eff. of folic acid antag. 25428

nucleic acid concentration variations during develop. of early chick embryos 46700

oxidative phosphorylation in chick embryo 52366

protein-ribonucleic acid distribution during neural induction in frog embryo 17277

**EMBRYOLOGY**

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

***education***

(Rus) 13580

contribution of Bradley M. Patten 55143

***EMBRYOMA see*** **DISGERMINOMA**

***EMBRYOMA see*** **TERATOMA**

**EMBRYOTOMY**

decapitation, Wenner method (Ger) 11456

in vet. med., hist. of develop. (Ger) 27576

**EMERGENCIES**

***see also*** **DISASTERS**

***see also*** **FIRST AID**

anesth. in emergency surg. (Bul) 28732

hosp. x-ray serv. in snowstorms 16157

med. preparedness 4479

pois. emergencies, management 4512

**EMETINE**

reaction with formaldehyde (Ger) 47668

***effects***

antiphlogistic (Cz) 38244

chronic admin. causing Wolff-Parkinson-White synd. in guinea pigs (It) 20979

on ECG (Fr) 14374

on ECG, prolonged admin. in guinea pigs (It) 35163

on exper. phlebitis (Cz) 48610

***poisoning***

exper., eff. of cocarboxylase, coenzyme I & thioctic acid in rabbits (It) 23755

exper., eff. of methylandrostenediol & prednisone, ECG aspects (It) 35159

exper., eff. of methylandrostenediol & prednisolone on blood proteins in rabbits (It) 23760

exper., eff. of methylandrostenediol & prednisolone on body weight & survival in rabbits (It) 23759

protective eff. of potassium chloride on emetine tox. & subsequent ECG changes in guinea pig (It) 53775

***therapeutic use***

amebic hepatitis, failure, with subsequent recovery after chloroquine ther. (It) 9299

hepatic amebiasis, with chloroquine (Sp) 31844

herpes zoster ophthalmicus (Ger) 30631

pleuropulm. amebiasis, undeterm. (Fr) 50556

**EMIGRATION AND IMMIGRATION**

Indian-Jewish settlement in Israel, pub. health & soc. aspects 39813

psychiatric serv. for aged immigrants in Israel 39554

screening of candidates for emigration to tropical countries (Pol) 53172

tuberc. among immigrants in England 2114

tuberc. in immigrants in province of Milan, Italy (It) 6279

**EMOTIONS**

***see also*** **FEAR**

***see also*** **FRUSTRATION**

affect system, role of primary & secondary neural processes 5457

affective disord., surg., prefrontal lobotomy, retrospective controlled study 50830

affective responses to concept of death in child. & early adolescents 17351

anger & tension states causing pain, mechanism 48485

changing moods causing multiple self concepts 12596

communication of affect in monkeys, psychoanalytic interpretation 4598

conjugal jealousy & imaginary unfaithfulness, criminal & soc. aspects (Pol) 30079

definition of pleasure & research methodol. 8408

determ. of urinary uropepsin levels in various emotional states (Fr) 54126

eff. of chlorpromazine, prochlorperazine & reserpine on emotional behavior in rats 42992

eff. of emotionality on concept form. 17340

eff. on blood pressure & its relation to age (Ger) 39573

eff. on kidney funct. in dogs (Cz) 38195

emotional develop. of child., eff. of family relations (Sp) 53944

emotional disord., autonomic NS reactions (Ger) 46124

emotional disord. in adolescents, incentive, time conception & self control 40729

emotional disord. in big city child. (Ger) 15408

emotional disord. in child. 52127

emotional disord. in child., eff. on time orientation & interpersonal relations 16493

emotional disord. in child., nursing care 7538

emotional disord., ther., 2-chloro-10-(1-β-acetoxyethyl-4-piperazinyl)propyl phenothiazine 11654

emotional disord., ther., combination meprobamate-promazine 16366

emotional disturbances in older women, responses to word-assoc. test 17373

emotional factors, eff. on rehabil. in speech ther. after laryngectomy 55276

emotional factors of youth fitness 50270

emotional health of women 16673

emotional problems of college students 54628

emotional reactions of patients to disability, relation to phys. ther. 53105

emotional reactions of surg. patients to hosp., anesth. & surg. 12699

emotionally disturbed child., IQ, correlation with IQ of their mother 17132

emotionally handicapped persons, employer willingness & counselor practice in employment 18029

empathy between mother & child, psychoanalytic interpretation 44248

feelings, graphic representation 4905

feelings of security & insecurity, causes & neuropsychol. (Sp) 48749

guilt & shame, relation to anxiety 23415

homesickness in armed forces personnel (Dut) 19717

19718

intentionality of feeling (Ger) 15804

jealousy, simple, psychopathol. & delusional forms (Pol) 30078

laryngeal participation in emotional expression, relation to hysterical aphonia 1196

laughter in chimpanzees (Fr) 8240

love & human relatedness 7262

patterns of interpersonal stress in childhood 40436

psychophysiol. relation to musc. contraction (Fr) 31916

role of GP in ther. of emotional reaction to dis. 50230

sensationalism, psychol. aspects, role of imagination, Sartre's essay (Ger) 15828

so-called affront to ego causing errors of judgment 39168

uropepsin excretion in various emotional states (Fr) 47351

**EMPHYSEMA**

***case reports***

cutaneous with pneumomediastinum after oxygen ther., regression (Ger) 25278

leg, after perf. of pelvic colon or rectum 37632

subcutaneous emphysema of cheek caused by tonsillectomy 23449

***experimental***

subcutaneous, eff. as prolonged skin stimulus on leukocyte count in rabbits (Ger) 27448

***in infant and child***

mediastinum, non-traum., case reports (Cz) 14862

***EMPHYSEMA, MEDIASTINAL see*** **PNEUMOMEDIASTINUM**

**EMPHYSEMA, PULMONARY**

18800

38630

(Ser) 10560

(Sp) 44543

assoc. with peptic ulcer, incidence & etiol. 11947

case reports & relation to acute resp. infect. 48190

etiol. & ther., relation to pulm. heart dis. 28484

obstruct. chronic, physiopathol. & clin. aspects (Dut) 47909

obstruct., diag. & ther. 29258

review 42067

types & ther. (Sp) 4073

***blood in***

relation between hemoglobin content of blood & anoxia, comparison with tetralogy of Fallot (Por) 53848

***case reports***

bullous (Ger) 37015

chronic substantial, in pulm. tuberc. 32315

with bronchiectasis, clin. pathol. conf. 19859

with pulm. fibrosis & other compl., clin. pathol. conf. 43326

***complications***

bronchitis, chronic, with dyspnea & resp. & cardiac failure, diag. & ther. 22331

cerebral compl., eff. of kanamycin on ment., EEG & tremor manifest. 25015

congestive heart failure (Ger) 55375

hypoxia, study of hematol. changes produced 930

pulm. heart dis., ECG data & postmortem correlation 437

massive syncope, etiol. & pathogen. (Hun) 52903

***diagnosis***

bullous, spirography (Ger) 37016

congen. hypertrophic, x-ray findings 815

early diag. (Sp) 3344

screening of indust. workers (Cz) 30952

spirography, review (Ger) 49309

spirography, technic (Fr) 50560

x-ray, morphol. of heart, radioplastic findings (It) 52094

x-ray signs of stop-valve type of emphysema (Pol) 30723

***differential diagnosis***

bullous emphysema from progressive pulm. dystrophy (Ger) 37017

giant bullous emphysema simulating total pneumothorax (It) 3643

***etiology and pathogenesis***

spontaneous pneumothorax with emphysematous bullae, surg., indic. & technics (Fr) 18552

tracheal bronchus, x-ray diag. (Ger) 15845

***experimental***

pathogen. in exper. silicosis in rats (Ger) 24910

prod. of emphysematous bullae by infect. with tuberc. in rabbit 24725

***in aged***

incidence & manifest. 3365

pathophysiol. 909

***in infant and child***

difficulties in management by pulm. expansion (Ger) 22217

giant lobar, x-ray diag. & surg. (Fr) 21370

lobar obstruct. bullous, in premature inf., prolonged evolution & spontaneous recovery (It) 42774

obstruct., caused by anomalous course of left pulm. artery in inf., case report 41270

***manifestations***

diaphragmatic insuff., clin. & x-ray manifest. (Fr) 50557

***pathology***

(Fr) 3624

heart morphol. in, study by x-rays & plastic models (It) 2501

histopathol. & pathogen. study of surg. specimens (Fr) 53375

vasc. lesions (Sp) 8168

***physiology***

exercise hyperventilation test, comparison with normal subjects (Ger) 28946

gas exchange at rest & during exercise, comparison with pulm. tuberc., pulm. fibrosis & normal subjects (Fr) 32454

hemodynamics of lesser circ., angiocardiography & cardiac catheterization (Por) 8788

pulm. elasticity determ. by relaxation pressure curve (It) 42228

pulm. venous admixture (It) 42230

regulation of ventilation, mechanisms of resp. effort & resp. center 34871

resp. dead space & alveolar ventilation (It) 42229

resp., eff. of pneumatic breathing aid on ventilatory efficiency 17015

resp. funct. & pulm. hemodynamics, eff. of aminophylline 7000

resp. limitation, spirography (Ger) 22190

resp. ventilation, eff. of inhalation of high oxygen mixtures on ventilatory response to CO2 & arterial blood oxygen & CO2 saturation 33056

ventilation studies in patients with chronic diffuse obstruct. emphysema 11973

***statistics***

bullous pulm. emphysema (Fr) 38817

incidence in coal miners of left Lower Rhine, Germany (Ger) 25823

of bullous emphysema, case reports (Ger) 39629

*surgery*
- early pulm. resection 3164
- resection in bilateral hypertensive bullous emphysema (Por) 44449

*therapy*
- (Dut) 29975
- artif. pneumoperitoneum (It) 20968
- breathing exercises, mechanics & value 1202
- corrective breathing exercises in obstruct. cases 1128
- funct. rehabilitation of diaphragm in dyspneic emphysema (Sp) 4072
- hazards of drug ther. 28126
- isoproterenol, admin. as aerosol alone & with positive-pressure breathing appar., comparative eff. on ventilation (Sp) 42216
- isoproterenol-phenylephrine aerosol, eff. on air flow dynamics of maximal voluntary cough 17016
- kinesiphysiother. (It) 6848
- 95% oxygen-5% carbon dioxide mixture in patients in chronic cor pulmonale stage, eff. on ventilation & pulm. circ. (Fr) 47753
- oxygen, eff. of epinephrine on vital capacity & blood oxygen (Rus) 45164
- pneumoperitoneum in malignant emphysema (Fr) 50780
- ther. & rehabil. of chronic emphysema (Por) 51636
- tracheal fenestration, new technic 30149

## EMPYEMA, PLEURAL
- etiol. & surg. (Ger) 23197
- etiol., diag. & ther. 15997

*case reports*
- fatal Pasteurella septica empyema in aged woman 2270

*etiology and pathogenesis*
- actinomycosis , ther. (Ger) 3286
- influenza in pregn. , with prematurity (Ger) 33948
- Micrococcus pyogenes 4492
- pulm. adenoma, case report (Sp) 44404

*in infant and child*
- 28598
- incidence & ther. statist. 41269
- surg., indic. (Ger) 30041

*surgery*
- (Sp) 21216
- decortication of lung (Tur) 22382
- decortication of lung with excis. of pyogenic capsule (Rus) 55184

*therapy*
- (Ger) 19037
- hydrocortisone & prednisolone, admin., intrapleural (It) 39536

*EMPYEMA, PLEURAL TUBERCULOUS see* TUBERCULOSIS, PULMONARY

## EMULSIONS
- fat emulsions, intravenous, tox. reactions in humans 46366
- fat emulsions, prep. & disappearance of intravenously injected fat from circ. of child., review & exper. 24900
- stability in emulsions of varying viscosities 40366

*ENAMEL, DENTAL see* DENTAL ENAMEL

*ENAMEL ORGAN see* TOOTH GERM

## ENCEPHALITIS
*see also* ENCEPHALOMYELITIS

*see also* MENINGOENCEPHALITIS
- research, progr., review (Rus) 28803

*case reports*
- atypical cases (Rus) 34766
- inclusion body, acute necrotizing (Ger) 33858
- perivenous, gliogenous demyelinizing, in child. (Fr) 11985
- relapsing inclusion encephalitis, Dawson type 7392
- subacute sclerosing leukoencephalitis (Ger) 44213

*cerebrospinal fluid in*
- leukoencephalitis 15838

*complications*
- exophthalmos, malignant, pathogen. (Rus) 21884
- paralysis agitans with oculogyric crisis, in 13-year-old girl (Ger) 34131
- parkinsonism, ther., orphenadrine (It) 31698

*diagnosis*
- laboratory diag. of subacute sclerosing leukoencephalitis in vivo (Cz) 38284
- leuko-encephalitis, subacute sclerosing (Pol) 30076

*differential diagnosis*
- para-infect. & postvacc. from pan-leukoencephalitis (Ger) 25385

*epidemiology*
- in Arizona, sporadic & atypical encephalitis 36877
- in Belgium, description of presently occurring types (Fr) 4128
- in Guam, simultaneous mumps & Japanese B encephalitis epidemic 884
  885
- leukoencephalitis, subacute sclerosing, in Netherlands (Dut) 29965

*etiology and pathogenesis*
- acute demyelinating encephalitis after dry cell ther. (Ger) 10998
- Asian influenza 14673
- Asian influenza (Fr) 9131
  9137
  11987
- Asian influenza (Ger) 47499
- Asian influenza causing ophthalmoplegia totalis (Nor) 10379
- B virus infect. in laboratory worker handling monkeys, fatal case 24422
- influenza (Nor) 45413
- influenza (Sp) 8814
- influenza A with cerebellar seizures, case report (Fr) 27328
- measles, with hemiplegia, cortisone ther. 39935
- neuroallergic theory in parainfect. & postvacc. dis. (Ger) 30043
- postvacc., age factor in pathogen. (Ger) 52276
- rubella, unusual EEG after recovery, case report 27327
- Trichodesma incanum, with severe psychiatric manifest. (Rus) 34716

*experimental*
- CSF changes in rabbits (It) 13998
- demyelinating encephalitis, prod. by subcutaneous inject. of whole liver prep. or liver fractions 17892
- leukoencephalitis induced by potassium cyanide (Sp) 8876

*in infant and child*
- caused by exanthema subitum, case report (Fr) 32396
- caused by influenza, review 5708
- caused by measles, clin & EEG findings (Cz) 38282
- caused by rheum., with hyperkinesia & epilepsy (Rus) 34798
- caused by small pox vacc., with ment. defic. & behavior disord., aggravation after lobotomy (Sp) 8882
- Coxsackie virus B encephalohepatomyocarditis in newborn, infect. in utero 30422
- leuko-encephalitis, subacute sclerosis, case reports (Fr) 25483
- postvacc., role of age disposition (Ger) 52252
- rheum., clin. variations (Rus) 21881
- seq. (Ger) 55508

*manifestations*
- hebephrenic-catatonic schizophrenia (Fr) 36123
- hyperpyrexia, ther., hypothermia 18376

*microbiology*
- Neorickettsia isolation from case of subacute sclerosing leukoencephalitis (Fr) 1077

*pathology*
- chronic subcortical, histopathol. (It) 32268
- concentric encephalitis of Baló with laminated demyelinations, histopathol. (Hun) 40048

*therapy*
- chloramphenicol-tetracycline prep. in influenzal encephalitis (Sp) 15481
- prednisolone, indic., admin. & results (Fr) 37765

## ENCEPHALITIS, EPIDEMIC
*see also* ENCEPHALITIS, JAPANESE B
- mechanism & control of post-vacc. immun. of mice in tick-borne encephalitis 46777
- Russian tick-borne, Indian strain, review 8340
- Russian tick-borne, presence of ticks in focal areas (Rus) 18888
- St. Louis 19815
- tick-borne, epidemiol. & immun., review (Ger) 22802

*complications*
- hypoventilation synd. in chronic epidemic encephalitis 35185
- paralysis agitans, artistic & ment. faculties in various stages of dis. (Rus) 34773
- protracted lesions (Ger) 49638
- recur. psychoses, physiol. & psychol. factors (Rus) 34706

*epidemiology*
- arthropod-borne 19810
- arthropod-borne encephalitis in U. S. 12643
- in Austria, clin., virol. & serol. picture (Ger) 22763
- in California (Sp) 48094
- mosquito-borne encephalitis in U. S., review 53664
- Russian tick-borne, in wild birds (Rus) 22700
- tick-borne encephalitis in Austria, changes in clin. manifest. (Ger) 11043
- tick-borne in Czech. 19816
- tick-borne, in Russia (Rus) 34628

*experimental*
- eff. of sound stimuli on infected mice (Rus) 52567
- hemorrh. encephalopathy in chick embryos, factors influencing develop. of hemorrh. 2345
- hemorrh. encephalopathy in chick embryos, pathol. 2346
- pathogen. power of W. Nile virus for gerbille & mouse (Fr) 38760
- tick-borne encephalitis in mice, eff. on nucleic acid composition & content of brain 24210
- tick-borne, in chicks (Rus) 33647
- tick-borne, viremia in chicks after subcutaneous infect. with virus (Ger) 55499
- transm. of Ilhéus, Mayaro & St. Louis viruses with Trinidadian mosquitoes in susceptible chicks & mice 47266

*immunology*
- antibodies of Czech. tick-borne encephalitis in rivanol gamma globulin & ethanol subfractions II & III in convalescent blood (Cz) 2770
- hemagglut. reaction, specificity (Rus) 22702

*manifestations*
- amyotrophic lateral sclerosis in Russian tick-borne encephalitis (Rus) 34707

*pathology*
- histopathol. of western types of spring & summer encephalitis (Rus) 46342
- temporal lobe necrosis in viral encephalitis 17794

*prevention and control*
- Russian tick-borne (Rus) 18885
- Russian tick-borne, egg vaccine (Rus) 55776
- Russian tick-borne, preserv. of dry antisera (Rus) 22711
- tick-borne, DDT dusting of underbrush (Rus) 33645
- tick-borne encephalitides, selection of vaccinal viral strains (Cz) 26562

*therapy*
- quinacrine & serother. (Rus) 34690

*virus*
- Russian spring-summer louping ill virus, growth in tissue culture 25173
- Russian tick-borne, adaptation of Ias-8 strain to unfavorable cond. (Rus) 22701
- Russian tick-borne, electrophoresis & luminescence microscopy (Rus) 22697
- Russian tick-borne, forest type (Rus) 38185
- Russian tick-borne, review 8339
- tick-borne, eff. of gastric juice (Rus) 33646
- tick-borne encephalitis virus, excretion in milk of exper. infected cows 24215
- tick-borne, properties of strains isolated from Ixodes plumbeus collected from sand martin (Rus) 33648
- viruses related to spring-summer tick-borne encephalitis virus 46781

*ENCEPHALITIS, EQUINE see* ENCEPHALOMYELITIS, EQUINE

## ENCEPHALITIS, JAPANESE B
- clin. manifest., pathol. & seq. 19814
- review (Ger) 3619

*case reports*
- after monkey bite in laboratory worker 8287
- in an Indian (Fr) 44739

*diagnosis*
- plate complement fixation test, evaluation 40207

*epidemiology*
- in Guam, with simultaneous outbreaks of mumps encephalitis 884
  885

*experimental*
- eff. on nucleic acid composition & content in brain of infected mice 24210
- protective eff. of repeated doses of croton oil in mice 38410

*immunology*
- hemagglut. inhibitor in mouse brain 14944
- hemagglut. reaction, specificity (Rus) 22702
- prep. & properties of dried hemagglutinin 14943

*virus*
- growth in mosquito vector Culex tritaeniorhynchus 16430
- propagation & assay on porcine kidney cell cultures 44079

## ENCEPHALITIS PERIAXIALIS
*case reports*
- metachromatic leukodystrophy in siblings (Hun) 4138
- metachromatic leukoencephalopathy 43491

*metabolism*
- cerebroside sulfates, isolation of two substances from brain in metachromatic encephalitis periaxialis & identification as prelipid & storage substances (Ger) 27900

## ENCEPHALOCELE
*experimental*
- induction by hypervitaminosis A (Fr) 9130

*in infant and child*
- cerebromeningeal (Pol) 30085

*ENCEPHALOGRAPHY see* BRAIN, *radiography*

## ENCEPHALOMYELITIS
*case reports*
- benign myalgic encephalomyelitis 40914

*diagnosis*
- serol. with Margulis-Shubladze vaccine (Rus) 34772

***differential diagnosis***

benign myalgia, from polio., incidence in Iceland (Dan) 52742

***epidemiology***

in Russia (Rus) 34770

***etiology and pathogenesis***

Behçet synd. causing meningomyeloencephalitis, case report (Fr) 18563

lipolytic mechanisms in etiol. of allergic encephalomyelitis 17800

***experimental***

acute demyelinating encephalomyelitis following antirabies vacc. in guinea pigs, histol. 4347

allergic encephalomyelitis, immunol. 14257

allergic encephalomyelitis induced by brain extract & Freund's adjuvants, relation of M. tuberc. to pathogen. (Fr) 47413

blood & cerebral proteins in rats, eff. of aminopterin (It) 1952

isoantigens in pathogen., blood protein fractions & eff. of various drugs (It) 25589

prev. of allergic encephalomyelitis by prior inject. of adjuvants 19656

prod. by inject. of collagen-like compound from bovine spinal cords into guinea pigs 5486

virus aggregates in Teschen dis. of swine (Ger) 23070

***immunology***

immunochem. of exper. allergic encephalomyelitis in guinea pig 20705

***in infant and child***

in toxoplasmosis, with multiple abnorm. (Ger) 21946

postvacc., relation to age (Ger) 37024

***pathology***

post-vaccinal in rabies vacc. (Fr) 44755

***prevention and control***

prep. of Teschen dis. vaccine in tissue cultures (Ger) 46247

Teschen dis. of swine, chloroform-formalin treated vaccine adsorbed on aluminum hydroxide, eff. (Ger) 55887

Teschen dis. of swine, exper. immun. with formalin-killed virus 28423

Teschen dis., vacc. with formaldehyde-treated viruses from tissue culture (Cz) 26561

***therapy***

Margulis & Babiadze vacc. prep. in disseminated dis. (Ger) 3247

***virus***

acute disseminated, causal relation to multiple sclerosis (Ger) 52569

encephalomyelitis virus-infected tumor cells, isolation of infective ribonucleic acid component 7235

inhib. by mucopolysaccharide from small intestine of mice, determ. of origin 10875

Teschen dis. of swine, tenacity & purification (Ger) 34066

Teschen dis. virus in hog kidney cell cultures, demonstration by fluorescent antibodies (Ger) 34458

## ENCEPHALOMYELITIS, EQUINE

eastern 19812

western 19811

***case reports***

(Sp) 15519

***diagnosis***

laboratory technics 10687

***epidemiology***

in California (Sp) 48094

***experimental***

eastern, course of infect. & develop. of active immun. in grown mice (Ger) 55870

sensitivity of swine & cattle to infect. with Western equine encephalitis virus 16775

***virus***

eastern, detection by intracerebral inoculation & tissue culture tests in mice (Ger) 55686

eastern, isolation from excreta of exper. infected ticks 24211

eff. of neutral red on plaque form. in virus-chicken fibroblast system 33607

interaction of Western equine encephalitis virus & selected host cells 17477

natural foci in Czech. 24217

susceptibility of garter snakes to western equine encephalitis virus & role of snakes in overwintering of the virus 44121

Western North American, infect. of Ixodes ricinus (Cz) 26585

## ENCEPHALOPATHY, HYPERTENSIVE

4016

clin. aspects & pathol. 24980

## ENDAMOEBA

gingivalis, survey of incidence in human mouth 17222

invadens, growth & behavior of axenic strains, determinants 30374

invadens, relation to hosts, review 35157

***culture***

coli, in Nelson-Lee-Pavlova culture medium (Pol) 33678

## ENDAMOEBA HISTOLYTICA

ingestion of erythrocytes (Ger) 32311

pathogen. of various strains in Russia (Rus) 16883

preservative solution F2AM for trophozoites & cysts (Sp) 13545

various forms, commensalism (Dut) 43052

***culture***

gastric mucin powder medium 24696

medium for protein analysis regarding growth requirements 33884

monoxenic cultures of strains isolated from human liver abscess 9783

***effect of drugs on***

antibiotic PA-128 in vitro 1289

***metabolism***

protease activity, demonstration by photographic gel film 47612

***ENDARTERITIS OBLITERANS*** see ARTERIOSCLEROSIS OBLITERANS

***ENDARTERITIS OBLITERANS*** see THROMBOANGIITIS OBLITERANS

## ENDOCARDIAL FIBROELASTOSIS

(Ger) 33897

in cats & dogs 4629

review & case reports 21866

***case reports***

3920

38033

(Fr) 14320

(Rus) 20272

clin. & postmortem pathol. in boy (Fr) 43983

with aortic atresia (Sp) 21129

with myocarditis in adult, clin. pathol. conf. 19870

***complications***

glycogenosis, pathol. & case report 5678

myocarditis with endocardial elastomyofibrosis 455

***diagnosis***

during life, case report (Ger) 13352

***etiology and pathogenesis***

myocardial circ. disord. causing endocardial degen. changes & acellular cicatrical form. (Ger) 55663

pathogen. of endocardial thickening in adult heart 456

## ENDOCARDITIS

diag. & ther. (Ger) 38966

verrucous, tricuspid & mitral valve lesions, diag. & surg. (Rum) 44005

***case reports***

mural, with pulm. embolism & septic thrombophlebitis of leg 40061

***in infant and child***

fibroplastic, parietal, with Loeffler's synd. in 7-year-old child (Ger) 34097

***manifestations***

psammomatous form. in choroid plexuses (It) 36712

***metabolism***

gas metab. & resp. funct. of blood (Rus) 10930

***pathology***

fibroplastic, clin. & postmortem aspects (Fr) 36685

## ENDOCARDITIS, BACTERIAL

***case reports***

acute of aortic valve, with pneumonitis & pulm. edema, clin. pathol. conf. 7410

in coarctation of aorta 31797

tricuspid valve, micrococcal, with tricuspid stenosis, clin. pathol. conf. 7452

***complications***

arteriovenous fistula of kidneys (Fr) 31110

metastatic abscess of mesencephalon (Cz) 38293

pericardial effusion, hemorrhagic, case report 10047

***diagnosis***

blood cultures, value (Pol) 53155

***differential diagnosis***

malignant, from metastatic kidney tumor (Ger) 55605

***etiology and pathogenesis***

Brucella, clin. aspects & ther. prospects (It) 42696

eff. of chronic tonsillitis on form. & course of prolonged septic endocarditis (Rus) 55226

infect. mechanisms, review (Sp) 53891

Micrococcus aureus after surg. for acquired heart dis. 52624

pneumococcal infect., review 24327

postop. in mitral commissurotomy 38034

***in infant and child***

with congen. & rheum. heart dis., statist. 20258

***therapy***

antibiotics (Fr) 35607

antibiotics, indic. 15553

novobiocin in micrococcal endocarditis 18086

review (Fr) 41922

ristocetin in micrococcal endocarditis 16617

***ENDOCARDITIS LENTA*** see ENDOCARDITIS, SUBACUTE BACTERIAL

## ENDOCARDITIS, SUBACUTE BACTERIAL

sepsis lenta, post-rheum. & primary, comparison (Rus) 25727

***case reports***

analysis of myocardial lesions (Rus) 32878

in dissecting aneurysm of ascending aorta ruptured back into aortic arch 14043

with aortic aneurysm & bicuspid aortic valve, clin. pathol. conf. 52611

with coronary artery embolus from calcified healed bact. endocarditis of mitral valve, clin. pathol. conf. 43159

with patent ductus arteriosus, spontaneous recovery prior to antibact. ther. 22576

***complications***

agranulocytosis (Rus) 45238

auric. septal defect (Por) 8762

cerebral aneurysm rupt. (Fr) 41130

glomerulonephritis, subacute (It) 6984

leukemoid reaction, differ. diag. from leukemia 27510

mitral stenosis, commissurotomy following penicillin & adrenal cortex hormone cure of endocarditis, case report (Fr) 29134

perforated aortic aneurysm, in shotgun inj. (Ger) 25817

***differential diagnosis***

errors (Ger) 35591

***experimental***

eff. of intravenous streptodornase-streptokinase prep. on longevity & size of Streptoc. mitis vegetations in dogs 17580

***in aged***

diag. 11633

***in pregnancy***

recur., caused by $\alpha$-hemolytic streptoc., ther. 54591

***manifestations***

clin. manifest. (Ger) 46799

***therapy***

antibiotics (Ger) 54369

## ENDOCARDIUM

***anatomy and histology***

descriptions by Bouillaud & Bichat in early 19th century 34359

***diseases***

non-bact. thrombotic endocardiosis, clin. pathol. conf. (Sp) 25934

***pathology***

brain, autopsy of antibiotic-treated cases (Rus) 25741

endocardial & intimal jet lesions as site of origin of cardiac murmurs 14971

***physiology***

regen. (Rus) 33315

***therapy***

chlortetracycline in case due to penicillin-resist. Micrococcus pyogenes (It) 33753

mild insulin-induced hypoglycemia, eff. on urinary 17-ketosteroids (Pol) 30841

review (Fr) 41922

## ENDOCRINE DISEASES

connective-microvasc. synd., clin. manifest. & develop. as clin. entity (Sp) 21796

diag. & ther., review 18689

disord. of hormone secretion 53523

epileptico-endocrine synd. of diencephalic origin (Fr) 48941

fetal dyshormonism (Ger) 39053

insurance risks & coverage for endocrine dis. patients 31248

new concepts 38147

relation to diet (Por) 3697

review (Fr) 9188

***case reports***

in Jaffe-Lichtenstein dis. 11965

***complications***

bone dis. (Ger) 39057

endocrine eye disord., pathogen., differ. diag. & radiother. (Ger) 26184

gyn. dis., value of hormone analyses (Ger) 33963

hirsutism in female, determ. of urinary 17-ketosteroids 41016

relation to endometrial cancer 46987

skin dis. (Fr) 19348

sterility, female, diag. (Sp) 27579

sterility, female, ther. (Sp) 27580

sterility, male, diag. (Sp) 27581

sterility, male, ther. (Sp) 27582

***diagnosis***

aids 2992

colpocytol., review 43293

***etiology and pathogenesis***

basic theories (Ger) 39052

constitutional & hered. factors, review (Ger) 42669

steroid diabetes (Hun) 29158

tuberculostatic drugs, review (Ger) 11214

***in infant and child***

causing cataract, clin. manifest. (Fr) 32398

manifest. & importance of detection in inf. & young child. (It) 36966

*in pregnancy*

postpartum (Ger) 3429

*manifestations*

brown forehead ring (Fr) 24806

lupus erythematosus, discoid (Rus) 55195

sex chromatin (Sp) 21185

spleen (Fr) 21756

water-electrolyte disord. (Pol) 30791

*metabolism*

electrolyte content of skin (It) 19234

*physiology*

neuromusc. excitability, methods of determ. & diag. value (Fr) 54461

relation to epilepsy, review & case reports (Fr) 51469

relation to metab. disord. 14080

relation to peptic ulcer, post-mortem analysis of assoc. cases 35870

vasomotoricity in patients with or without arterial hypertension (Rum) 44010

*surgery*

current status (Ger) 7078

review 18687

*therapy*

(Fr) 49743

autonomic endocrine synd. in women (Ger) 45405

chlorpromazine & reserpine (Rus) 46311

common dis., panel discussion 2363

cortisone & deriv. (Ger) 39009

radiogold pellet implant into pituitary gland (Fr) 32397

## ENDOCRINE GLANDS

*see also* HORMONES

clear cell system of Feyrter (Pol) 27604

in aged, physiol. & metab., review (Fr) 10027

*anatomy and histology*

histol. eff. of deep controlled hypothermia in dogs (It) 35545

*effect of drugs on*

antimalarials in female rats 9473

methylcholanthrene, in inhib. of exper. mammary tumor transplants in rats (It) 21444

phenylbutazone (Sp) 8889

*effect of excision*

on blood magnesium in dogs 10137

on epithelial regen. of fundic. mucosa in rats 34949

*embryology*

morphogen. & funct. during endouterine life, review (It) 44370

*in various diseases*

amenorrhea 3993

chlorosis (Sp) 44554

discoid lupus erythematosus & eczema (Rus) 9845

dysmenorrhea 2995

exper. benzene pois. in rabbits (It) 39363

exper. renal hypertension in rats (Ger) 2373

fatty acid defic. in rats (It) 1876

gyn. dis. 20479

impetigo herpetiformis, etiol. & pathogenic role of endocrine system 23707

lupus erythematosus, disseminated (Sp) 9744

myotonia atrophica (Sp) 21794

NS dis. 47149

peptic ulcer 51345

shock (Sp) 44559

uterine bleeding, dysfunct. 2994

*metabolism*

radiophosphorus uptake, eff. of adrenalectomy in rats 210

radiophosphorus uptake, eff. of hypophysectomy in rats 35092

sulfur & sulfhydryl cpds., in normal & pathol. cond., review (It) 39658

*neoplasms*

hormone prod. of endocrine tumors (It) 29625

problems in exper. tumorigenesis in various endocrine glands 48562

*physiology*

control of develop. & funct. of mammary gland in C3H/He Crgl mouse 41180

dual phases of endocrine secretion (It) 27351

eff. of inhib. of lactation by dienestrol diacetate, in mice (Ger) 25194

eff. of lowered atmospheric pressure on electrophoretic pattern of blood proteins in endocrine defic. in rats 25412

eff. of splenectomy in rabbits & rats (Rus) 31151

hormonal alterations caused by aging 43704

hormonal regulation of connective cicatrization (Fr) 47373

in adaptation to cold 49457

in fatigue in athletics (Fr) 14380

in menopause 2996

in pregn. (Sp) 15522

in pregn., relation to size of newborn (Ger) 36042

influence of radiation-induced hyperpigmentation in feet of mice 31303

inherited patterns of hormonal induction & inhib. of mammary cancer in mice 17773

neuro-endocrine & neuro-humoral correlates in NS dis. (Rus) 55854

neuro-endocrine responses to trauma 51126

relation to coronary dis., review 55290

relation to funct. uterine bleeding 38586

relation to spleen (It) 31691

role in carcinogenesis, review (Fr) 9182

role in hemopoiesis (Fr) 48914

role in origin & develop. of breast cancer 6265

secretion, control by autonomic NS in rheum. arthritis (Ger) 11393

*surgery*

in advanced breast cancer 26140

in cancer of breast, indic. & progn., statist. (Fr) 9640

*transplantation*

current status, review (Rus) 31164

evaluation of results of endocrine tissue homografts in man 22305

review (Fr) 26188

## ENDODERM

reciprocal role of epithelial endodermal & ectodermal cells in chick embryo (It) 13997

***ENDODERMOPHYTON* see TRICHOPHYTON**

## ENDOMETRIOSIS

adenomyosis, histopathol., physiopathol. & manifest. 12419

diag. & management 48391

incidence, compl. & diag. (Sp) 8933

large intestine 12582

of lower genital tract 43304

pathol. & ther. (Sp) 9746

review (Sp) 8934

uterine adenomyosis & adenomyoma, definition & differentiation 30158

*case reports*

atypical, with tubal pregn. 52839

cesarean section abdom. scar 10464

45927

diaphragm, causing chronic recur. spontaneous pneumothorax 28151

extraperitoneal (Rus) 9875

ileocecal (Sp) 27211

interna (Sw) 7476

ovaries, with intra-abdom. perf. in sisters (Dut) 30004

rectovaginal (Sp) 21134

sigmoid (Pol) 53184

sigmoid endometrioma (It) 6804

umbilical (It) 7745

with massive subserous fibromyoma & fibroadipose degen. of uterus (Sp) 43910

*complications*

adnexal, causing retrograde menstruation 50976

menstruation disord., statist. (Sp) 43875

*diagnosis*

rectosigmoid, x-ray diag. 24493

*etiology and pathogenesis*

(Sp) 8935

*experimental*

viability of shed endometrial cells & induction of endometriosis by inject. of shed cells in humans 12389

*surgery*

fundectomy, postop. pregn. 50983

statist. 41025

*therapy*

conservative ther. 30929

hormones, phys. ther. & surg. (Sp) 8936

med. & surg. ther. (Sp) 43876

## ENDOMETRITIS

*diagnosis*

endometrial cultures 13553

*in pregnancy*

histopathol. in labor (Rus) 12162

## ENDOMETRIUM

alkaline phosphatase in exfoliated endometrium during menstrual cycle (Fr) 3130

carbonic anhydrase activity, eff. of estrogens & progesterone on rabbits 31442

culture of rabbit endometrial segments (Fr) 48849

cultures, diag. value in sterility 49493

mitosis, relation to postmenopausal menorrhagia caused by ovarian estrogen-secreting granulosa cell & theca cell tumors 12399

*anatomy and histology*

cytol. 24140

*diseases*

cystic glandular hyperplasia, hysterographic manifest. 35437

glandular cystic hyperplasia, etiol. role of psychotrauma, statist. & animal exper. 23742

hyperplasia (Rus) 48819

hyperplasia, massive, due to diethylstilbestrol 17852

hyperplasia, postclimacteric (It) 55090

hyperplasia with chronic cervical dis., histomorphol. & histochem. (It) 44832

postmenopausal hypertrophy with metrorrhagia, pathol. & surg. (Fr) 27722

progesterone, comparison of intravenous & intrauterine admin. in rabbits 44142

*effect of drugs on*

17α-ethinyl-5(10)-estren-17β-ol-3-one, histochem. eff. 13202

17α-ethinyl-5(10)-estren-17β-ol-3-one in infertile women 13204

17α-hydroxyprogesterone & 17-acetoxyprogesterone, comparison in women with anovulatory failure 13212

methallenestril on postmenopausal endometrium 26146

non-ovarian hormones on ovariectomized guinea pigs 17368

progestational agents on ovariectomized women, comparison 13201

progesterone & 17α-hydroxyprogesterone caproate on normal women & on women with secondary amenorrhea 13203

***hemorrhage* see UTERUS, *hemorrhage***

*in various diseases*

tuberc., pulm., microbiol. & histopathol. exam. in active cases (Hun) 7707

uterine retroversion, histopathol. (It) 54253

*metabolism*

glycoprotein secretion (Fr) 26946

lipid extracts of endometrial curettings containing plain-musc. stimulants 28617

lipids, relation of site to phase of menstrual cycle (Sp) 30243

***neoplasms* see UTERUS NEOPLASMS**

*pathology*

biopsy in gyn. dis., technic & indic. (Sp) 8924

biopsy in ovarian cycle disord., diag. value (Por) 12666

biopsy in sterility, value in diag. & ther. (Cz) 38272

in sterility (Sp) 7574

intraglandular morules, differentiation from cancer 46905

*physiology*

behavior of human endometrial cells in tissue culture 645

crystallography of mucus in test of ovarian funct., relation to crystallography of saliva & nasal mucus (Fr) 3134

funct. after curettage in obstruct. of cervix 4532

hyaluronate-inactive spreading factor of murine endometrial secretions 44109

inadequate develop. during luteal phase as etiol. factor in sterility 49482

*transplantation*

homoplastic endometrial transpl. followed by pregn., case report (Ger) 53740

## ENDOSCOPY

***see also* BRONCHOSCOPY**

***see also* CYSTOSCOPY**

***see also* ESOPHAGOSCOPY**

***see also* GASTROSCOPY**

***see also* LARYNGOSCOPY**

***see also* PROCTOSCOPY**

***see also* SIGMOIDOSCOPY**

arterioendoscopy technic of exam. for choice of vasc. graft (Fr) 6293

colpophotography 40573

colposcopy in family planning clinic 17410

colposcopy, status in Brazil (Por) 47294

culdoscopy 43295

laparoscopy, indic. (Fr) 10033

of resp. & gastrointestinal passages, value of photographic methods 36285

peritoneoscopy with liver needle biopsy as diag. technic 49717

perop., of biliary tract (Ger) 29088

peroral, sitting position technic 39399

physical principles (Fr) 15212

pyeloscopy & ureteroscopy, surg. value (Ger) 34370

simultaneous photolaparoscopy & biopsy (Ger) 54356

technic in endoscopic photography (Sp) 43864

television in (Ger) 15361

*anesthesia and analgesia*

methods (It) 42481

technic for endoscopic removal of for. bodies from larynx, trachea & bronchi (It) 32940

tetracaine-tripelennamine solution effectiveness as topical anesth. for peroral endoscopy 34932

*apparatus and instruments*

endoscopic limiter for direct endoroentgenothdy. (It) 44317

hysteroscope 5579

illumination system for ordinary diag. set 53374

peritoneostat & pneumoperitoneal needle for celioscopy (Fr) 36252

*in various diseases*

biliary tract dis. (Ger) 15439

colposcopy in cancer of uterine cervix, diag. value (Fr) 15176

colposcopy in cervical dis. (Fr) 53424

colposcopy in diag. of cervical cancer, with cytodiag. (Ger) 33965

colposcopy in early diag. of cervical cancer (Por) 15955

colposcopy in early diag. of cervical cancer (Sp) 54994

colposcopy in uterine cancer, comparison with biopsy & colpocytol. (Por) 12894

culdoscopy in female sterility, statist. 35267

culdoscopy in pelvic dis., technic & contraindic. 38567

gyn. dis. (Heb) 16082

laparoscopy, diag. value in sarcoidosis (Ger) 11060

laparoscopy, diag. value in stomach dis. (Ger) 15468

postop. bronchial fistula, ther. endoscopic technic (Fr) 50555

***ENDOTHELIOMA see*** **ANGIOSARCOMA**

***ENDOTHELIOMA see*** **HEMANGIOENDOTHELIOMA**

***ENDOTHELIOMA see*** **HEMANGIOPERICYTOMA**

***ENDOTHELIOMA see*** **LYMPHANGIOENDOTHELIOMA**

***ENDOTHELIOMA see*** **MESOTHELIOMA**

***ENDOTHELIOMA see*** **SARCOMA, EWING'S**

***ENDOTHELIOMA see*** **SARCOMA, RETICULUM CELL**

**ENEMATA**

as ther. adjunct in pseudomembraneous enterocolitis 22052

barium enema, appar. & technics of admin. 33882

barium-enema reduction ther. of intussusception in inf. & child. 30131

3,3-bis(4-hydroxyphenyl)-oxindole enema in cholecystography 11099

disposable miniature device for admin. of enemata 50213

peristaltic, comparison with traditional one way enema, physiol. aspects 52768

***injurious effects***

barium enema of artif. anus causing perf. of sigmoid colon, case report (Sp) 44416

colon perf. during enema into colostomy stoma 22082

perf. of rectum following barium enema 12302

tap-water enema causing water intoxication in child., relation to dilated & atonic intestine 23513

**ENERGY**

***see also*** **METABOLISM, TISSUE**

***see also*** **WORK**

balance in castrated rats, eff. of sex hormones 46367

caloric equivalents of gained & lost weight 24377

calorigenesis, eff. of somatotropin 39206

eff. of diethylstilbestrol on energy utilization in growing chick 35807

electron distribution in high-energy phosphates & transfer of energy from catabolism to anabolism 47947

energy consumption in indust. hyperstimulation (Fr) 13472

energy cost in prescription of work dosage in heart patient rehabil. 27823

energy costs of growth in continuous metazoan cell cultures 2666

expenditure during driving of automobile on open road (It) 37385

expenditure during level walking at various speeds 40172

expenditure of lying, sitting, walking on level & walking on incline, individual differences 17983

neuro-ergonal system in silicosis, pathogen. mechanisms (Fr) 13471

non-energetic powers of nutrition, review 30488

phys. activity in obesity, relation to emotional factors 20872

requirements for maintenance of normal & of protein-depleted adult roosters on diets of whole egg protein & amino acids 41236

requirements of workers in different occup. (Fr) 24879

relation of energy expenditure to regulation of food intake, gastrointestinal mechanisms 519

transform. in living matter, review 39221

***ENOLASE see*** **HYDRASES**

***ENSIFORM CARTILAGE see*** **STERNUM**

**ENTERITIS**

***case reports***

pseudomembranous micrococcal (Nor) 45411

***etiology and pathogenesis***

postop. micrococcal infect., diag. 9835

Pseudomonas aeruginosa infect. (Ger) 34331

Salmonella bareilly (Ger) 22883

Salmonella thompsonii epidemic in Oslo (Nor) 45422

sigmoid diverticulitis causing enteritis of small intestine, x-ray diag., case report 28520

***experimental***

pseudomembranous, induced by Micrococcus aureus infect. in chinchillas 20684

***in infant and child***

(Sp) 44603

allergic cases, determ. of vitamin A absorp. & blood levels 1123

caused by E. coli, manifest. & ther. (Rus) 7901

diag. & ther. (Sp) 44550

E. coli enteritis, agglutinating antibodies in blood (Ger) 1032

E. coli enteritis, determ. of agglutinins in feces (Ger) 23006

E. coli enteritis in inf., clin. course & epidemiol. (Hun) 39747

eff. of dietary supplements of carob flour on incidence in premature inf. (It) 29733

lysozyme excretion with feces (Ger) 55515

newborn, colimycin prev. & ther. (It) 52035

***therapy***

chlorquinaldol (Ger) 55575

***ENTERITIS, REGIONAL see*** **ILEITIS, REGIONAL**

***ENTEROBACTERIACEAE see*** **BACTERIA**

***ENTEROCOLITIS see*** **COLITIS**

**ENTOMOLOGY**

***apparatus and instruments***

(Rus) 45900

**ENTROPION**

***in aged***

surg., Kettesy technic (Ger) 28863

***surgery***

hidden suture method (Fr) 44653

technic for entropion trichiasis of trachoma (Fr) 13059

**ENURESIS**

emotional aspects & ther. 24890

etiol. & diag. 16676

in neurotics, comparison with normal persons 5456

med. ther. & psychother. (Dut) 52516

nocturnal, clin. statist. 41806

psychopathol. & urol. (Ger & Fr) 39899

psychosomatic factors & ther. (Nor) 54957

review (Fr) 26965

***case reports***

incidence & ther. in Göteborg's Child. Hosp. (Sw) 21809

onset enuresis, etiol. & ther. 14316

***complications***

constipation in child, phys., psychol. & soc. causes (Dut) 10573

***etiology and pathogenesis***

5456

eunuchoidism, sex hormone ther. (Ger) 19418

evolutionary theory 18432

spina bifida, incidence 55520

ureteral ectopy (Bul) 28710

***heredity***

(It) 32140

***physiology***

EEG (Fr) 35529

***therapy***

(Dan) 43194

amphetamine & suggestion (Rus) 34693

electric alarm in nocturnal enuresis 14317

electric shock, suprapubic (Sp) 8875

electric shock ther. with lumbosacral contact in child. (Sp) 21138

hypnosis (Rus) 55157

in boy, by psychother. of mother (Ger) 55574

sodium chloride in child., Krassogorsky technic (Fr) 53029

vasopressin, admin. as posterior pituitary snuff in child. 38014

***urine in***

17-ketosteroid levels, determ. (Rus) 45603

**ENVIRONMENT**

eff. of cultural factors on clin. picture of schizophrenia in various countries (Sp) 8918

eff. of enriched & restricted early environments on learning ability of bright & dull rats 2575

eff. of heat, light & space, on insemination in Musca domestica L. & subspecies (It) 31700

eff. of phys. environment on survival of premature inf. 43528

eff. of release of radioactive fission products on man's environment & ecology 23326

eff. of various environmental cond. on free corticosteroids in rat plasma 36621

eff. on blood lipids in monozygotic twins 35726

eff. on growth in child. 50051

eff. on healing in cancer of cervix (Ger) 33639

eff. on mammalian brain (Ger) 3289

eff. on ment. develop. of inf. (It) 41905

environmental factors in allergy (Ger) 24304

environmental factors in blood pressure 14300

environmental factors in etiol. of neurol. & ment. disord. in inf. (It) 43479

environmental factors in occurrence of intestinal dis. in E. Kentucky 53649

exogenous factors in pathogen. of various dis. (Ger) 27116

heredity-environment problem 6418

hyg. research on factors of external environment by physiol. & clin. methods (Rus) 33318

living conditions in Union of So. Africa, relation to schistosomiasis epidemiol. 2464

low socioecon. status, eff. on Stanford-Binet & Colored Raven Progressive Matrices IQs for child. 40755

relation of newborn inf. & child to phys. environment (Sp) 44538

relation of place of birth to status of dent. health in naval recruits 33321

relation to blood lipid regulation disord. in pathogen. of arteriosclerosis 35722

relation to congen. abnorm. 50052

restrictive factors in environment causing tension habits in child. 55532

role in pathogen. of cardiovasc. dis. 37822

**ENZYME PRECURSORS**

***see also*** **PROTHROMBIN**

chymotrypsinogen & trypsinogen, cleavage of disulfide bonds in 40493

chymotrypsinogen, study on molecular shape by x-ray diffraction 37089

penicillinase precursors 37079

pepsinogen levels in blood & urine of healthy men, eff. of arterenol & epinephrine 49233

profibrinolysin & fibrinolysin, review 10332

profibrinolysin, antigenic properties 3466

profibrinolysin, content of tissue activator in monkeys 10336

***effects***

trypsinogen, induction of acute pancreatitis by interstitial inject. into pancreas in dogs 154

***in blood***

pepsinogen in acute infect. in child 23509

pepsinogen in leukemia (Cz) 38124

pepsinogen in normal inf. & child. 23508

pepsinogen in peptic ulcer 50176

pepsinogen, relation to gastric secretion & gastric biopsy 42135

***in urine***

pepsinogen, in peptic ulcer, gastric cancer, linitis plastica & anemia, diag. value of determ. (It) 20180

profibrinolysin activators & pepsinogen activity in human urine (Ger) 25890

uropepsinogen excretion in pulm. tuberc. (It) 43688

uropepsinogen excretion in various dis., determ. & clin. significance 24831

uropepsinogen, relation to vitamin C content of gastric juice & blood (Sp) 20626

**ENZYMES**

***see also*** **AMIDASES**

***see also*** **CARBOHYDRASES**

***see also*** **COENZYMES**

***see also*** **DEHYDROGENASES**

***see also*** **DESMOLASES**

***see also*** **ESTERASES**

***see also*** **HYDRASES**

***see also*** **ISOMERASES**

***see also*** **MUTASES**

***see also*** **NUCLEASES**

***see also*** **OXIDASES**

***see also*** **PENICILLINASE**

***see also*** **PHOSPHORYLASES**

***see also*** **PROTEASES**

***see also*** **TRANSFERASES**

55043

acetyl-coenzyme A synthetase activity in wallerian degen. of cat peripheral nerves in vitro 41209

activation from catabolism by radiations (Ger) 9989

activation of amino acids in mammary tissue by individual enzymes 53477

activity in animal tissues, eff. of S-(2-aminoethyl)-isothiuronium 55002

activity levels in mammalian cell cultures 4758

activity of giant squid axoplasm & axon sheath 50915

adenosine triphosphate sulfurylase isolation from yeasts & mechanism of action 4769

atypical enzyme distribution in fractions of Ehrlich ascites & liver cells prepared from glycerol homogenates 48569

bact. adaptive enzyme system for degradation of glucuronic acid & its lactone (Ger) 27916

bact. enzyme systems requiring pyridoxal phosphate, eff. of 4-amino-5-hydroxy-methyl-2-methyl-pyrimidine phosphate 37072

bound coagulase of Micrococcus pyogenes aureus 50340

carbamyl phosphate synthetase, mechanism of action 40522

charge transfer mechanism of action 3441

coagulase activity of micrococci, correlation with desoxyribonuclease activity 6515

coagulase of Micrococcus pyogenes, test for blood coagulation factor using standardized lyophilized human plasma 41036

coagulases in Micrococcus pyogenes, review (Pol) 53205

concept of group-translocation as consequence of enzyme catalysed group-transfer 7172

cyclophorase activity of liver in rats, eff. of tetrahydro-2-naphthylamine (It) 1885, 1887

defic. in isoniazid-resistant M. tuberc., review (Fr) 25856

dehalogenase inhibitor, eff. on tensile strength of healing wds. 39215

depilatory eff. of microbial & other enzymes 1298

determ., spectrophotometry, variability 10242

develop. of enzyme systems during early infancy, review 20287

diag. value (Ger) 7098

digestive disord. in various gastrointestinal dis. (Ger) 19382

eff. of chelating agents on enzyme systems (Fr) 9171

eff. of 6-ethyl-8-mercaptooctanoic acid on acetate generation or transfer in bact. enzyme systems 40453

eff. of lytic enzyme from Bacillus circulans on Aspergillus oryzae 52419

eff. of x-rays on enzyme activity in vitro & vivo (Fr) 41373

eff. on fixation of surface-active anions by E. coli & Streptoc. pyogenes (Fr) 54385

electron transfer particle coupling oxidative phosphorylation 13765

electron transfer particle from beef heart musc., requirement of soluble macromolecule for oxidative phosphorylation 13835

electron transport inhib. by chlortetracycline as basis for E. coli-resist. 16934

endergonic enzyme reactions, dependence on anaerobic energy potential (Ger) 54383

enzymatic demethylation of aminopyrine, in vitro & in vivo radiocarbon determ. (Ger) 30603

enzymatic fractions of E. coli, activation & incorporation of amino acids (Fr) 36087

enzymatic mechanisms in allergic phenomena, review 13150

enzymatic metab. of drugs & other exogenous cpds., review 1263

enzymatic zonulolysis replacing mechanical zonulotomy technic in cataract extraction 44050

enzyme action of proteins 49470

enzyme activity in essential hypoproteinemia & hyperaminoacidemia (Fr) 54350

enzyme histochem. as further extension of cellular pathol. 28298

enzyme-metal complexes, dissociation & activation mechanisms 1665

enzyme-metal-substrate complexes, structural & solution chem. aspects 1662

enzyme synthesizing flavinadenine dinucleotide in animal tissues, description 13787

enzyme system from rat liver activating carboxyl group of methionine for interaction with ATP 13700

enzyme system in anoxic energy forming processes in cellular fluids, role of electron acceptors (Ger) 34241

enzyme systems involved in biol. oxidations & synthesis 46373

enzyme systems of fatty acid oxidation in guinea pig liver, activation by guanosine triphosphate (It) 49362

enzyme system of Saccharomyces cerevisiae, eff. of edathamil 29823

enzyme-treated whole milk in inf. feeding 5395

enzymes of Krebs cycle in developing avian embryo 16891

enzymic carboxyl activation of glycine by Photobacterium fischeri extracts, purification & properties of enzyme 13804

from normal & salt-extracted rat liver mitochondria, comparison 13400

funct. in relation to biol. organis. 53085

β-galactoside-permease, phys. state of intracellularly accumulated substrates in E coli 13759

glutamine synthetase in homogenates of various guinea pig organs (Ger) 27908

glutamine synthetase of mammalian kidney, distribution & relation to prod. of urinary ammonia 12538

hatching enzymes, review (Rus) 55176

hydrolase distribution among pig anterior pituitary cell fractions 40598

in beta hemolytic Streptococcus strains, fractionation & specificity 49292

in blood & common duct bile of dogs, comparison 46918

in blood & CSF in cerebral hemorrh. (Ger) 33829

in body fluids, clin. significance of changes, review 47510

in brain tissue in mouse encephalomyocarditis (Ger) 33999

in cerebral tissues in adults & newborn inf. (It) 20219

in exper. renal infarction histochem. (Ger) 25813

in gastrointestinal carcinomas (Ger) 37026

in hypothalamic magnocellular nuclei, eff. of chlorpromazine in rats 3475

in intestinal secretions isolated from various segments in dogs (Rus) 48046

in macrophages & epitheloid cells cultivated in vitro, histochem. demonstration (Ger) 45794

in taste sensitivity (Rus) 47985

in 3 human cell strains propagated in serial culture (It) 44823

in udder lymph, in blood from udder veins & in milk of cows 49303

inactivation by bilirubin, relation to urobilinogen genesis (Ger) 6708

induction of enzyme synthesis, mechanisms 10309

induction of enzymes for oxidation of uronic acids in marine bact. 4720

inosinicase in synthesis of inosinic-adenylic pyrophosphate 47973

intracellular particle-bound enzymes of locust fat body, determ. 7254

isocitratase form. by Pseudomonas ovalis, eff. of growth substrates 29861

kinetic measurements, evaluation (Ger) 30592

kinetics, histochem. adaptation 28387

lactic dehydrase determ. in etiol. diag. of serous effusions (Fr) 39867

liver in vitamin B6-defic. rats, eff. of desoxypyridoxine & isoniazid 17811

localization of interaction sites in multi-component transfer systems, theorems derived from studies on model systems 19683

luciferase, eff. of electron rays on reaction kinetic behavior (Ger) 9981

lysine racemase distribution in bact. 28215

mechanism of action of double-headed enzymes 49468

musc. activities in hered. musc. dystrophy in mice 31372

of Brucella strains, analysis (Cz) 14801

of cobra & rattle snake venoms, relation to mechanism of action 13738

of pectin metab., review 35562

of plastids, review 35558

of steroid metab. in microorganisms, review 35559

of tumor tissues, release from ascites tumor cells into extracellular medium in study of metab. of phosphorylated & non-phosphorylated sugars 37123

of uridine diphosphogalactose metab., review 35555

oxidation-reduction enzymes in exper. micrococcal infect., eff. of penicillin (Rus) 55206

oxidative enzymes in cancer of colon, histochem. 47086

oxytocinase, decomposition of natural & synthetic oxytocin (Ger) 41743

pancreatin cleavage of DL-alanine esters producing D- & L-alanines (Ger) 27897

pancreatin in isolation of M. tuberc. from pathol. materials using desogen (Fr) 26689

purification of bact. spores from serol. active particles by enzyme treatment (Ger) 32295

purified hepatic enzymatic prep. in synthesis of alanine from pyruvic acid & ammonia (Rus) 37131

radiation sensitivity of enzymes in dry state 42958

receptor destroying enzyme from cholera filtrate, eff. on interference in fowl plague virus in tissue culture (Ger) 46170

receptor-destroying enzyme, inactivation of chorionic gonadotropins (Ger) 28951

receptor destroying enzyme, optimum cond. for action on erythrocytes & ovomucin 10399

receptor destroying enzyme, prod. & purification 10393

research, current status, review (Ger) 12094

resp. enzymes of mitochondria of Arum maculatum spadix, eff. of cyanides & antimycin A 25862

rhodanese activity of various cell strains after long cultivation in vitro 16950

role in sebaceous gland excretion 50641

softening enzyme activity of filamentous fungi on flowers, ovaries & fruit of pickling cucumbers 25164

staphylocoagulase, prep. of pure prep. (Pol) 29511

staphylocoagulase, purification 13710

synthesis, eff. of lead in rats (Ger) 41733

thermophilic bact. enzymes, phys. & chem. properties 46375

thiaminase activity of mussel, determ. of activating substances (It) 1929

thiaminase of shellfish, degradation of vitamin B1 & isolation of pyrimidine deriv. 18158

thiaminase II produced by Bacillus aneurinolyticus, purification 18162

tryptophan synthetase activity in E. coli, restoration by suppressor mutations 21676

tyrosine-activating enzyme of hog pancreas, purification & properties 28249

vitamin B12 enzyme activation of amino acids in protein biosynthesis 4755

***antagonists***

eff. of various enzyme inhibitors on rat atrium contractility & membrane potentials 48736

enzyme inhibitors, ther. value (Ger) 38997

organo-phosphorus cpds., nature of reactive serine residue in inhibited enzymes 19573

review (Ger) 39007

stimulating eff. of enzyme inhibitors on liver necrosis in rats on necrogenic diet (Sp) 44501

***determination***

histochem. methods in morphol. research (Ger) 15436

hydrolytic enzymes, rational for fixation & histochem. localization 17383

in cerebellum, post-mortem quantitative histochem. determ., eff. of fever & uremia on validity in exper. animals 41204

in human cirrhotic & precirrhotic liver homogenates, microanalysis 15023

in tissues of Crocodylus niloticus, histochem. demonstrations (Fr) 34434

in tissue sections, histochem. localization after phys. & chem. protection of cytoplasmic constituents 17380

quantitative determ. of enzyme system of acetic acid form. in bovine liver (Ger) 25879

***in blood***

activity variations in musc. dis. 48419

diag. value 42046

diag. value (Ger) 2370

eff. of 17α-ethyl-4(5)-estren-17β-ol-3-one 17048

eff. of intravenous admin. of drugs on blood levels of enzymes & substrates of intermediary metab. (Ger) 46795

eff. of phys. exercise on activity & substrate concentration (Ger) 12070

eff. of tuberculin in exper. tuberc. in rabbits (Rus) 31210

elimination in human subjects & rabbits (Ger) 41732

excess, pathogen. & clin. importance (Ger) 3240

glycolytic enzymes in erythrocytes in anemia (Ger) 35564

glycolytic, in premature inf. (Ger) 55510

in jaundice, differ. diag. value, review (Ger) 22899

in liver dis. before, during & after peridural anesth. (Ger) 389

in myocardial infarct, serodiag. significance (Ger) 46035

lactic dehydrase, determ., normal values & diag. value (Sp) 41777

oxytocinase, in pregn., form. in placenta (Ger) 25204

rhodanese activity of erythrocytes, eff. of exper. carbon monoxide pois. in rabbits (It) 27458

spectrophotometry, variations 23270

use as organ specific indicators of cellular funct. (Ger) 41739

***in urine***

pancreatic (Cz) 38250

***therapeutic use***

multienzyme prep. of enzymes of fat metab. in arteriosclerosis (Ger) 42310

vasolastine in atherosclerosis (Dut) 43048

**EOSINOPHIL COUNT**

counting in alkaline phloxinepropylene glycol diluents 24866

eff. of acute cranio-cerebral closed inj. of varying severity 11886

eff. of eye inj. 23844

eff. of inject. of specific antigen in subjects sensitised to Rickettsia (Fr) 51515

eff. of preop. fear & surg. procedures 16362

eosinopenia induced by stress, mechanism & biol. significance, review & exper. study (Por) 1567

eosinopenia, postop., progn. value (Ger) 6671

Hinkelman's solution as diluent for counting 54837

in CSF, determ. with simple sedimentation appar. (Ger) 46802

in newborn inf. after normal & difficult labor 20592

in skiers, as demonstration of daily activation of adrenal cortex 48321

postop. in aged (Pol) 43659

seasonal variations in guinea pig (Fr) 37783

technic using Hinkelman's solution as diluent 46911

***effect of drugs on***

ACTH on count in cattle, possible use as adrenal funct. test 12736

2-aminoethanethiol & 2,2'-dithiobisethylamine in rats (Fr) 47737

eosinopenia induced by tripelennamine, inhib. by goiter & thyroidectomy in rat (Sp) 44595

insulin, eff. of fructose on postinsulin eosinopenic reaction in normal subjects (Fr) 21268

iproniazid & metabolites of serotonin & epinephrine (Ger) 21656

parathormone single dos. on peripheral, medullary & splenic eosinophils in mice (It) 1509

serotonin & allergen admin. causing variations in circ. count (Fr) 35001

***effect of radiations on***

total-body x-ray in monkey 48059

***in various diseases***

dumping synd. (Pol) 30741

echinococcosis, diag. significance (Rus) 45148

giardiasis & tuberc. in child (Pol) 30400
myocardial infarct & angina pectoris 38416
myocardial infarct, diag. & progn. significance (It) 42703

**EOSINOPHILIA**

*see also* **LOEFFLER'S SYNDROME**

clin. significance in tropical regions, review (It) 35165
ECG changes in tropical eosinophilia 4305
eosinophilic myocarditis with Loeffler's synd. in an asthmatic (It) 9314
parasitic, allergic, toxic, hemopathic & cryptogenetic, pathol. & case reports (Fr) 51474
postop., progn. value (Ger) 6671
stomach, x-ray diag. of eosinophilic infiltration, case report 8572
tissue eosinophilia (Ger) 18939
tropical pulm. eosinophilia in Australia 42121

*complications*

lymphosarcoma of jejunum with double localization, case report (Fr) 40649

*etiology and pathogenesis*

cancer of gastrointestinal system, review 47245
hay fever, eff. of Toxicodendron quercifolia on nasal eosinophilia 49391
helminth infect. (Ger) 51806
lung cancer causing eosinophilic reaction simulating leukemia (Sp) 43863
pleurisy (Fr) 18566
Wuchereria species from wild & domestic animals causing tropical pulm. eosinophilia in man 10469

*experimental*

induced by ascariasis suis in mice (Ger) 24314

*in infant and child*

in Hodgkin's dis. (Rus) 20296
in premature inf., with dermatosis (Fr) 30480
with bronchopneumonia caused by ascariasis lumbricoides, case report (Sp) 13901

**EOSINOPHILIC GRANULOMA**

*see also* **HAND-SCHUELLER-CHRISTIAN SYNDROME**

*see also* **LETTERER-SIWE DISEASE**

bones, clin. aspects & radiother. (It) 53796
lungs, x-ray diag. 49191

*case reports*

(Rus) 43419
bone with oral mucosal lesion 20146
frontal bone, in 2-year-old child (Sp) 31821
histiocytosis X 33359
histiocytosis X, pulm. (Rus) 7719
histiocytosis X with aplastic anemia 35736
lung 30110
obstruct., of stomach, with arteriomesenteric duodenal compression & obstruct. 3923
orbit 55013
orbit (It) 25969
orbit (Ser) 9947
pelvis (Nor) 45412
radius (It) 29652
reticulo-granuloma eosinophilicum cutis simplex in 10-year-old boy 37557
with 24 foci, in boy 46664

*diagnosis*

bone, x-ray manifest. (Af) 9814
lungs, x-ray manifest. 47218
x-ray, case reports (Fr) 18810

*etiology and pathogenesis*

unidentified larvae of myiasis-producing fly causing chronic migrating subcutaneous eosinophilic granuloma 5180

*in infant and child*

develop., x-ray pathol. (Fr) 41389
multiple sites, case report (Fr) 36165

*pathology*

Charcot-Leyden crystals in eosinophilic granuloma of bone 12276
face
stomach, case report (Por) 28089

**EOSINOPHILS**

eosinophil granules, histol. (Ger) 34412
fluorescence microscopic demonstration of eosinophil granules with aniline blue (Ger) 48065
form, in area postrema of chick embryo (Fr) 26754
in sputum during prednisolone ther. of asthma, significance 41831
phagocytosis of mast cell granule by eosinophils in rat 47065
relation to antibody form. 13236
staining, new diluting fluid using bromocresol purple 10216

*effect of drugs on*

cortisone on resp. in vitro (Ger) 33994

**EPENDYMOMA**

brain, surg. & case reports 12849

*case reports*

ependymochoroidal tumors, intracranial 2350
medulla oblongata, central canal (Rus) 22671
with tuberous sclerosis, x-ray manifest. & pathol. 53720

*in infant and child*

brain, x-ray findings 818

**EPHEDRINE**

*effects*

depression of ganglionic transm. in cats 36565
hydroxyethyltheophylline-theophylline-ephedrine prep., eff. on vasomotor tone of cerebral blood vessels (Ger) 3259
on degree & characteristics of autonomic vestibular reflexes (Rus) 45720
on lysergic acid diethylamide action on brain metab. in rabbits (Fr) 36670
on vitamin B1 metab. in peptic ulcer (Rus) 33359
potentiation of pressor responses to epinephrine & sympathomimetic aldehydes 13434

*related compounds*

ephedrine theophyllinate in cerebrovasc. disord., with 7-(2-hydroxyethyl)theophylline (Ger) 55409
phenoxyisopropyl-nor-p-hydroxyephedrine ther. of peripheral circ. disord. (Ger) 34539
phenylisobutyl-nor-p-hydroxyephedrine ther. of circ. disord. of labyrinth 13000

*therapeutic use*

atelectasis in child. (Pol) 16036
cigarettes with ephedrine & tobacco with low nicotine content (Sw) 54794
ephedrine-phenobarbital-aminophylline prep. in depression in female climacteric (It) 8621
ephedrine-phenobarbital-theophylline prep. in asthma (Ger) 32973
p-hydroxyephedrine in coronary dis., with adenosine, eff. on ECG (Ger) 42910

*toxicity*

protective eff. of lemon & orange bioflavonoid complexes against acute tox. of intraperitoneal ephedrine in rats 40349

**EPIDEMIC HEMORRHAGIC FEVER**

*blood in*

picture (Rus) 45888

*epidemiology*

in Bulgaria (Bul) 45285
in Russia (Rus) 22695

*physiology*

kidney nitrogen excretion (Rus) 45889

*statistics*

attack rates among U.N. troops in Korean war 550

**EPIDEMIOLOGY**

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

bibliog. (Rus) 11504 34679 55785 55818 55847
bioclimatic factors in pathogen. of dis. (Ger) 34035
contribution of Noah Webster 16671
cyclic recur. of pandemics, relation to cosmic influences or electro-magnetic vibrations (Fr) 9181
epidemics in France during 1958 (Fr) 54006
in Czech. (Cz) 38310
in Czech., relation of district physician (Cz) 2796
in Russia, sanit.-epidemiol. stations (Rus) 49794
in Sicily (Ger) 11302
past & present pandemics, cosmic & telluric influences (Fr) 54132
radiol. aspects (Rus) 55760
review 18702
statist. epidemiol., relation to med. & pub. health, review 34637
theoretical aspects of combined epidemics (Ger) 7110
widening scope 53646

**EPIDERMODYSPLASIA VERRUCIFORMIS** *see* **VERRUCA**

**EPIDERMOLYSIS BULLOSA**

*case reports*

(Sp) 43851

***EPIDERMOPHYTOSIS*** *see* **RINGWORM**

**EPIDIDYMIS**

barium sulfate transport, mechanical eff. of vas deferens in rat 10054

*diseases*

sarcoidosis of epididymis, testicular tunicae & spermatic cord, case report 18151
tuberc. (Sp) 51621

*embryology*

morphogenesis, eff. of castration in chick (Fr) 26771

*metabolism*

acid phosphatase in epididymis of normal, castrate & hormone replaced castrate mice 12928
desoxyribonucleic acid in polymorphous nuclei, determ. (Fr) 26880
glucose utilization in rat epididymal fatty tissue, eff. of 6-desoxy-6-fluoroglucose 44130

*neoplasms*

(Fr) 41470
leiomyoma (Rus) 55168
teratoma, histochem. 54539

*physiology*

motility of rat epididymis in roller tube cultures (It) 47790
secretion in reptiles, histochem. (It) 1882

*surgery*

excis. in genital tuberc., technic (Fr) 35526

**EPIDIDYMITIS**

*case reports*

with spermatic granuloma, diag. & ther. 45579

*complications*

basilar meningitis complicated by nephrolithiasis & parasarticular ossification of hip after tuberc. epididymitis (Cz) 38113
gonococcal epididymitis causing germinal epithelial changes of testes with subsequent sterility (Sp) 7581

*etiology and pathogenesis*

brucellosis causing ulcero-necrotic orchiepididymitis (Fr) 32369
brucellosis, clin. picture & ther. (Rus) 55155

**EPIGLOTTIS**

*diseases*

acute epiglottitis & supraglottitis 41060

*neoplasms*

surg., excis. with reconstruction of anterior wall of hypopharynx, technics (Fr) 13024
x-ray diag. (Ger) 23056

**EPILEPSY**

abdom. (Fr) 15983
abdom. in differ. diag. of recur. acute abdom. (Dan) 52735
anatomopathol. of status epilepticus & pathogen. explanation of hydergine ther. (Sp) 8872
aura localized in a phantom limb (It) 32130
autonomic epilepsy, clin., biochem. & EEG studies (Rus) 46348
classif. & ther. 43722
clin. & EEG aspects in cured cases (Ger) 36481
comparison of epileptic with schizophrenic dementia (Rus) 34820
correlation between forms of epilepsy & body constitution types (Ger) 39045
diag. & ther. (Ger) 19053
diencephalic (Rus) 34729
epileptico-endocrine synd. of diencephalic origin (Fr) 48941
hist. of convulsions in epileptics, comparison with convulsions in non-epileptics (Fr) 54068
in adolescents, med. serv., employment & educ. (Rus) 34799
Jacksonian seizures, clin. & EEG aspects (Cz) 38291
medicolegal aspects (Sp) 44411
myoclonus epilepsy, review (Fr) 27342
myoclonus, review & case report (It) 32142
research, contribution of Giuseppe Amantea (It) 1530
review 17007
47157
review (It) 44360
single seizure, study & management 50177
so-called falling sickness of Julius Caesar, possible identification with Ménière's dis. 6230
temporal-limbic epilepsy, review (Por) 25772

*blood in*

(Rus) 34823
tox. (Ger) 27014
tox. eff. of blood from epileptics on exper. animals (Pol) 30066

*case reports*

clin. manifest., pathol. & EEG in case of focal epilepsy (Fr) 44750
emotionally precipitated drop seizures in 4 members of family 24081
epileptiform seizure during unusually low G forces in aviation officer candidate 50324
epileptogenic encephalopathy in keratosis palmaris et plantaris with melanoderma & congen. aortic stenosis (Fr) 9132
in Bourneville's tuberous sclerosis with typical skin manifest. (Fr) 11951
in Huntington's chorea in 3 members of same family (Fr) 47484
in obsessive neurotics (It) 32121
in twins (It) 32474
myoclonus (Sp) 44485
psychomotor epilepsy in 4 generations of 1 family 23416
psychomotor, with senile chorea & retinitis pigmentosa (Fr) 46617
symptomatic (Pol) 53176
vestibulogenic seizures 48134
with hemiplegia & aggressivity following cranial inj., in 15-year-old boy, surg., left cerebral hemispherectomy (Sp) 49150
with Pick's dis. of brain (It) 32115
with sebaceous adenoma, ment. defic. & neurofibromatosis (Fr) 2433

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

with thymic tumor, myasthenia gravis & confusional states (Fr) 29188

***cerebrospinal fluid in***

glycoproteins (Ger) 23601

***complications***

aphasia in temporal epilepsy (It) 9396

behavior disord. & ment. disord., ther., chlorpromazine & reserpine (It) 54271

gastrointestinal dis. (Fr) 32008

kleptomania in epileptoid persons (Ger) 34202

psychoses, ther., promazine (It) 31697

psychosis, ther., reserpine with methylphenidylacetate 15560

rapid ment. deterioration 15833

***diagnosis***

cranial x-ray diag. & differ. x-ray diag. (Por) 51647

EEG (Ger) 15881

EEG, eff. of 4,4-ethylmethylglutarimide (It) 3721

EEG manifest. of diencephalic epilepsy, case reports (Sp) 42203

EEG, pentylenetetrazole & photic activation (It) 9394

epilepsy of late onset 52588

pneumoencephalography 24079

sleep-EEG, diag. value in temporal epilepsy 27319

subdural implantation of electrodes (Sp) 31005

***differential diagnosis***

anoxic convulsions in child., EEG 27317

cerebral anoxia with syncope (Fr) 37778

generalized convulsive seizures from psychogenic spells by amobarbital sodium recall 11647

migraine, borderline case with color vision phenomena (Ger) 52565

migraine from dorso-occipital epilepsy, color vision in borderline cases (Ger) 52554

narcolepsy & cataplexy from diencephalic epilepsy (Rus) 34728

temporal, sources of error 41193

***etiology and pathogenesis***

brain inj., case report 3190

brain tumors in adults, statist. 8473

cranial inj., medicolegal factors 14545

diencephalic inj., chlorpromazine ther. (Bul) 45291

double cerebral arteriovenous aneurysm causing temporodiencephalic epilepsy (It) 42718

dyspnea due to bronchial cyst (Ger) 27152

ear disord., cure by petromastoidectomy (Fr) 54114

hemiconvulsions, concept as a synd. (Fr) 54075

in late cases (Ger) 45937

influenza A, Singapore strain (Fr) 44753

Laurence-Moon-Biedl synd., case report (Sp) 8800

malaria (Ger) 33867

meningeal tuberc., EEG & x-ray manifest. (Fr) 21339

meningioma (It) 42724

post-traum., in workers, use & abuse of ECG in medicolegal diag. (It) 9336

relation of cryptogenic epilepsy to age of mother at birth of patient & birth order of patient in family 24070

relation to geography (Fr) 27349

temporal nodular tumors causing psychomotor epilepsy, case reports & pathol. 25980

tonic seizures in multiple sclerosis 3030

***experimental***

acetylcholine metab. by cerebral cortex tissue from epilepsy-predisposed dogs (It) 1901

acetylcholine metab. by cerebral cortex tissue from epilepsy-predisposed dogs, eff. of asparagine & glutamine (It) 1903

continuous (Ger) 23804

differences in acetylcholine metab. of cerebral cortex of dogs predisposed & not predisposed to reflex epilepsy, in vitro study (It) 36773

eff. of 4-aminobutyric acid in dogs (It) 1903

eff. of α-chloralose on convulsive seizures (It) 9766

eff. of local admin. of morphine on electric activity of isolated fragment of cerebral cortex of dogs disposed & not predisposed to epilepsy (It) 36801

faradic, eff. of cholinesterase on predisposition of dogs (It) 36771

hippocampal electrical activity in waking in hippocampal epilepsy (Fr) 15137

pentylenetetrazole-induced, response to phenothiazines, steroids & tranquilizing agents in rabbit, EEG (Fr) 54912

reflex epilepsy, ECG study of mechanism of predisposition, in dogs (It) 25647

regional differences in seizure susceptibility in cat cortex 23408

***in aged***

physiopathol. (Ger) 25367

***in infant and child***

18448

(Ser) 21952

caused by helminth infect. (Rus) 18870

causing behavior disord. 3600

continuous & intermittent nature of prolonged seizures (Rus) 34797

develop. of crises in various types of epilepsy (Fr) 54083

diencephalic-autonomic (Ger) 49120

EEG in myoclonic epilepsy in child. (Fr) 54082

focal seizures, EEG (Ger) 25389

in child. under 3 (Fr) 54077

in inf. with bilateral porencephalic cysts, cerebral palsy & ment. retardation 25513

in rheum. encephalitis, with hyperkinesis (Rus) 34798

masked & latent epilepsies (Ger) 39043

minor forms 8111

petit mal, differ. diag. from brief akinetic, myoclonic & psychomotor seizures 5725

petit mal seizures, review (Ger) 27388

psychol. & soc. aspects, review (It) 29128

psychomotor, pathol., psychol. & case reports (It) 32159

psychomotor seizures, symptomatol. (Ger) 42336

review (Ger) 34231

seizure states with migraine 39163

seizures caused by dysautonomia (Ger) 41600

ther., diets & psychother., review (Ger) 35573

ther., 4-methyl-4-phenyl-pyrrolidinone (Sp) 21124

ther., primidone in petit mal 32363

with verbal aphasia & ment. regression, in 4-year-old child (It) 54275

***manifestations***

aura experiences in atypical epileptic states (Ger) 44218

chest pain simulating angina pectoris (Fr) 10672

musical hallucinations in focal epilepsy, case report 8470

psychomotor seizures (Ger) 42337

temporal, explosive laughing fits as initial manifest. (It) 27675

temporal, with obsessive neurosis (Fr) 48417

unusual, EEG findings (Ger) 33862

visual disord. during seizures, incidence & characteristics (It) 32473

***metabolism***

nitrogen balance (Ger) 27000

water, changes during convulsive crises (It) 1969

***pathology***

(Ger) 49621

changes in CSF spaces after pneumoencephalography (Cz) 38290

psychomotor epilepsy in a 4 1/2 year old zoo monkey (Fr) 49630

***physiology***

autonomic concomitants of ictal automatism in temporal epilepsy 48133

capillaries (Rus) 34822

consciousness levels during subclinical epileptic seizures (Fr) 27329

focal epilepsy, neurophysiol. concept & mechanisms of seizures beginning in the legs 41909

handedness & brainedness, statist. 24085

relation to endocrine dis. & hypothalamus, review (Fr) 51469

temporal lobe in psychomotor epilepsy (Ser) 30091

tonic crisis limited to arm in psychomotor epilepsy, case report (It) 32128

working capacity (Rus) 34824

***prevention and control***

review (Ger) 33842

***psychology***

dramatization of an epileptic seizure during psychoanalysis of a 13-year old girl (Sp) 21234

idiopathic, relation to stress disord. 29334

IQ & learning ability of epileptics (Fr) 25478

symbolic language discrimination in psychomotor epilepsy 15571

***surgery***

indic. & contraindic. for temporal lobectomy, personality factors 8291

indic. for temporal lobectomy 8292

lobotomy in temporal epilepsy 23803

psychomotor, temporal lobe & partial hippocampal resection, postop. memory disord. (Ger) 33849

review 19884

temporal (Ger) 51237

temporal epilepsy 8290

temporal lobectomy, eff. on ment. state (Fr) 9128

temporal lobectomy in psychomotor epilepsy, clin. statist. (Por) 21018

temporal lobectomy in psychomotor epilepsy, indic. & results studied by EEG (Fr) 27344

***therapy***

(Ger) 49088

(Sp) 3349

acetazolamide 41855

acetazolamide (Fr) 32004

53397

acetazolamide & primidone (Sp) 8717

d-amphetamine (Dan) 33393

amphetamine, massive dos. 49631

anticonvulsants causing toxico-allergic reactions, prednisone ther. (Fr) 44711

anticonvulsants, comparative evaluation (Rus) 21882

anticonvulsants, review 17007

1,2-bis-[(5-β-chloroethyl-4-methyl)thiazol-3-yl-sulfo] ethane, ECG aspects (Fr) 31962

causes of failure in med. ther. (Por) 50075

chibicon (Rus) 34685

chlorpromazine (Bul) 32735

chlorpromazine (Fr) 26445

chlorpromazine (Rus) 46310

custodial care & ther. in state ment. hosp. 45808

drug ther. 14286

drug ther., review (It) 27656

epileptic & para-epileptic sympt. (Dut) 37033

ethotoin 3381

48397

ethotoin, clin. aspects & EEG (It) 44359

α-ethyl-α-methylsuccinimide in petit mal epilepsy 19792

group ther. of epileptic child. & parents, methods & value 5722

lidocaine in status epilepticus & serial epilepsy, intravenous admin. 41792

mascon (Ger) 27018

med. & surg. (Fr) 42019

methenamine, EEG & clin. indices (Rus) 34821

petit mal, ther., N-methyl-α-ethyl-α-methyl-succinimide (Dan) 43247

pharmacother., indic. & compl. (Fr) 21343

phenacemide with phenylethylacetylurea & phenobarbital in grand mal epilepsy 17750

phenaglycodol (It) 39505

phenaglycodol in grand mal & petit mal epilepsy 25131

sodium bromide with calcium chloride & adenoside (Bul) 32818

D-tubocurarine & controlled resp. in status epilepticus 37737

***EPIMERASES*** *see* **ISOMERASES**

## EPINEPHRINE

***see also*** **ADRENOCHROME**

adrenal medulla granules 35391

bio-assay using Laewen Trendelenburg frog prep. (Fr) 48723

degradation of solutions stored in oxygen-free atmosphere by bisulfite 16703

granules in bovine adrenal medulla, isolation & biochem. properties 318

oxidation product adrenolutin causing schizophrenia-like hallucinations 48483

reaction with ethylenediamine, measurement of fluorescence (Fr) 48484

rearrangement 7150

relative stability of epinephrine, arterenol & serotonin subjected to various simple treatments 7217

***determination***

fluorometry in blood & tissues, comparison of various reactions (Hun) 41616

method for fluorimetric determ. of epinephrine & arterenol 48695

***effects***

altered skin reactivity to epinephrine in hypersensitive rabbits 5008

blood ACTH 39200

depressor eff. in anesthetized vagotomized cats, influence of reserpine admin. 48236

epinephrine - ergotoxine synergism & antag., exper. in cats & eff. of anesthetics 34034

exper. auric. fibrill., eff. of chloroform, ethyl chloride & chloral hydrate on develop. in animals (Rus) 52977

hypotensive eff. in guinea pigs & rats, influence of lysergic acid diethylamide (Ger) 45967

induction of arrhythmias in dogs, with cyclopropane, protective eff. of pacatal 24759

induction of arrhythmias in dogs, with cyclopropane, suppression by chlorpromazine, perphenazine, promazine & pacatal 34760

induction of hyperglycemia, eff. of vitamin C (Tur) 55085

induction of hypertension, inhib. by tolazoline in guinea pigs (Fr) 26912

induction of lactate acidemia in alligators 31459

induction of pulm. edema in rats, mechanism 5695

induction of pulm. edema in rats, vasc. responses in lung, omentum & striated musc. 5679

induction of ventric. arrhythmia in cyclopropane-anesthetized women 959

induction of ventric. arrhythmias & myocardial fatty changes in dogs 755

inhib. by vitamin C in cats (Ger) 3435

inhib. of electrically-induced contractions of guinea pig ileum, antag. by sympatholytics (Ger) 29887

ischemic & hyperemic reactions of skin as manifest. of neurovasc. reactivity (Bul) 32764

on adenylpyrophosphate metab. by nasal mucous membranes in rats (Ger) 25334

on adrenal corticoid action in protein mobilization in exper. diabetes 734

on adrenal glands of newborn mice, admin. alone or with cortisone (Fr) 3064

on aggressive & regressive behavior in terms of appetite 17051

on arteries in vitro, eff. of low temperature 5772

on arteriovenous anastomoses, review (It) 46630

on AV node action potential in dog 22254

on blood alcohol in accid. stress (Ger) 49107

on blood circ., review 448

on blood lactic acid & potassium (Cs) 48640

on blood pressure & blood sugar & potassium levels in dogs, influence of chlorpromazine or yohimbine (Fr) 36562

on blood pressure & heart output in rabbits 314

on blood pressure & pulse rate alone & with lidocaine in dent. patients 4412

on blood pressure & pulse rate changes due to tooth extraction 40238

on blood pressure in cats, dogs, rabbits & rats, comparison with arterenol & isoproterenol (Fr) 48855

on blood pressure of hypophysectomized turtles 34040

on blood sugar response to 1-phenylethylbiguanide in animals, central mechanism of action & eff. of chem. structure & dose of guanide cpds. (Ger) 1603

on blood supply of bone marrow in man, study method (Ger) 34020

on blood vessels of perfused dog forelimb & lung, eff. of endotoxin 44116

on capillary circ. of dent. pulp, topical admin. 20155

on capillary resist. & on blood & urine pepsinogen levels in healthy men 49233

on carbohydrate & fatty acid metab., review (It) 27435

on cell division & nucleic acid content (Rus) 37215

on coenzyme A in liver of rats (It) 13961

on coronary blood circ. (Sw) 43219

on coronary blood flow & heart action of isolated rabbit heart, influence of magnesium admin. 36555

on coronary circ. 2925

on coronary circ., comparison with other vasomotor drugs (Pol) 24059

on diastolic potential changes in frog heart 28079

on ECG, in relation to blood electrolytes (Pol) 30794

on glycolysis, mitosis & resp. in cornea & intestinal mucous membrane of rats (Rus) 13866

on heart of dog after sensitization to 1, 1, 1-trifluoro-2-bromo-2-chloroethane 960

on heart rate & blood pressure in conscious dogs, comparison with conscious humans & anesthetized animals 20913

on insulin activity in blood, determ. in isolated rat diaphragm (Dut) 7273

on intermediate circ. of mouse spleen 13006

on intraocular pressure in normal & glaucomatous eyes 11701

on involuntary musculature, mechanisms of dual activity of stimulation & inhib. of isolated rabbit small intestine 16295

on lactate & glucose metab. in rabbits 731

on lymphoreticular tissue of spleen in hypophysicprivic rats, alone & with ACTH (It) 36820

on lysergic acid diethylamide action on brain metab. in rabbits (Fr) 28670

on nasal vestibular sweat glands of cats, cytochem. studies 20118

on neurofibril form. in adult rabbit cortical neurons in tissue culture 52299

on ozone pois. in rats (Fr, Dut) 48584

on parotid salivation in sheep 51093

on peripheral blood vessels, reactivity in hypertension (Pol) 30857

on peripheral blood vessels, reactivity in peptic ulcer (Pol) 30866

on peripheral circ. after admin. of 2-(diethylaminomethyl)-1, 4-benzodioxan, comparison with arterenol in dogs (Fr) 26870

on peripheral effector cells in cats, influence of hexamethonium iodide & pentolinium tartrate 48239

on pulm. hemodynamics, role of reflexes from carotid sinus baroreceptors 51109

on Purkinje fibers in sheep heart (Ger) 30503

on rat intestine, relation of inhib. eff. to acetylcholine content of different segments 4203

on red-green color vision sensitivity (Ger) 43573

on renal circ. & excretion of phosphates, bicarbonates, ammonia & total acid anions (It) 3853

on saliva secretion in denervated parotid gland of monkey 16327

on skeletal musc. contraction in cats 28619

on spontaneous electrical activity of thyroid gland in humans (It) 36742

on spontaneous motility of pregn. & non-pregn. uterine strips in vitro 50978

on taenia coli activity in guinea pigs, influence of 2, 4-dinitrophenol 5797

on urine volume & composition in dog 20915

on uterine motility in dogs in vitro & in vivo 12755

on ventric. suction of turtle heart 48732

on vital capacity & blood oxygen in oxygen ther. of pulm. emphysema (Rus) 45164

on water balance during & after metamorphosis of toad (Fr) 5762

on wound healing (Cs) 21548

pharmacol. evaluation of epinephrine & arterenol in Laewen-Trendelenburg prep. in toad (Sp) 8990

potentiation by ganglion-blocking agent in asthma ther. 1125

pressor eff., potentiation by cocaine, ephedrine or tripelennamine 13434

prolongation of local anesth. by procaine, potentiation by amphetamine inhib. of amine oxidase (Hun) 7689

protection of chicks against lethal action of x-rays, failure 19526

response in salicylate-induced hypermetab. in man 14990

responses of test animals, influence of isoproterenol 24820

stimulation of prod. of nonesterified fatty acids from rat fatty tissue in vitro 31407

vasc. eff. after admin. of other sensitizing drugs (Fr) 36575

vasc. responses in dogs & cats, influence of amodiaquin 4182

vasomotor eff., potentiation by hydrocortisone (Fr) 26780

vasomotor sensitivity in frogs (Rus) 3570

***in blood***

determ., differential fluorimetry 36601

eff. of epinephrine admin. on arterenol-epinephrine ratio (Tur) 45447

fluorimetric determ. of exogenous & endogenous levels in peripheral blood 733

in adrenal blood, eff. of cesium, potassium & rubidium in dogs (Fr) 26750

levels in hypercapnia, eff. of buffering of blood carbon dioxide in dogs (Fr) 48848

of human patients dying of epinephrine pois. 23994

peripheral levels during intravenous infusion in dog 47125

platelets 13692

relation to hypotension in asthmatics (It) 6894

stability in human plasma & serum, comparison of schizophrenic with normal subjects 11655

***in urine***

biol. method of determ. 41796

determ. after consumption of bananas by humans 41295

determ., fluorimetry (Fr) 47347

eff. of electroshock ther. 5467

27019

eff. of reserpine (Ger) 6095

eff. of reserpine on excretion in schizophrenic patients 5484

excretion under various stress cond. 8646

in hyperthyroidism & insulin hypoglycemia 2245

in manic depressive psychosis, changes during manic & depressive phases 17735

in pheochromocytoma 39728

in rheum. arthritis, reversal of excretion ratio with arterenol 35207

rapid quantitative method for chem. determ. in diag. of pheochromocytoma 41797

simultaneous excretion with arterenol in dog under various physiol. & pharmacol. cond. 31887

***metabolism***

aqueous humor & blood, eff. of x-rays in rabbits (Rus) 37183

blood & musc. distribution in rat after intraperitoneal inject. 35809

deactivation in liver of thyroxin-fed dogs (Pol) 53141

distribution & metab. in tissues & axons 8645

eff. of metabolites on eosinophil & thrombocyte counts (Ger) 21656

eff. of purified monoamine oxidase on metab. of epinephrine & o-methyl analogs 13402

enzymic form. from 3-O-methylepinephrine 13813

O-methylation as principal pathway of metab. in man 9560

myocardium, distribution of arterenol & epinephrine in cats, rabbits & rats (Ger) 15878

oxidative pathways 31888

resynthesis of catechol hormones in cat's adrenal medulla 46702

stimulating eff. of alcohol (Ger) 30895

uptake & breakdown in vasc. tissue 13004

uptake by pig blood platelets in vitro 48229

***physiology***

adrenomedullary secretion, eff. of reserpine in cats 29871

basal unstressed secretion by adrenal medulla in dogs (Fr) 3102

biogenesis & metab., review 31885

diffusion from brei of cattle adrenal medulla (Fr) 15132

epinephrine-arterenol ratio in adrenal glands of hedgehog during summer activity & hibernation 42954

epinephrine-arterenol ratio in adrenals, eff. of intravenous nicotine inject. in rats (Fr) 26806

release from adrenal medulla during splanchnic nerve stimulation in cats 48225

release from amine-containing granules of cow adrenal medulla 12022

replacement in innervated & denervated adrenal glands of rats after induced depletion 19616

secretion by adrenals in cats, influence of acetaldehyde admin. 316

secretion by adrenal medulla in dog, direct determ. (Fr) 15126

secretion, eff. of intravenous inject. of epinephrine & relation to blood pressure (Fr) 26919

secretion, eff. of Shigella antigen (Ger) 24312

storage & release, review 31886

***preparation of***

epinephrine-procaine injectable solutions (It) 42563

***related compounds***

adrenalone determ. alone & in presence of phenylethylamine deriv., chromatography (Ger) 7974

adrenalone quantitative determ. in presence of epinephrine by polarographic & spectrophotometric methods (Ger) 49888

3-O-methylepinephrine biosynthesis by catechol O-methyl transferase 4771

3-O-methylepinephrine chem. & biosynthesis 4770

phenoxyisopropyl-nor-p-hydroxyephedrine ther. of coronaritis (Fr) 6327

synthetic epinephrine deriv., vasodilative activity 6565

***therapeutic use***

asthma, admin. of epinephrine - posterior pituitary extract prep. by nasal tampon, absorp. in man & exper. animals (Ger) 23748

asthma, aerosol prep. 45098

atelectasis in child. (Pol) 16036

cardiac arrhythmia, with isoproterenol, stabilization in infusion solutions (Ger) 19387

hepatitis, as cortisone substitute (Ger) 22967

shock caused by anesth., indic. (Fr) 417

***toxicity***

protective eff. of lemon & orange bioflavonoid complexes against acute tox. of intramusc. epinephrine in rats 40349

## EPIPHYSES

***anatomy and histology***

macro-anat. structure & funct. (Sw) 43206

traction epiphyses, evolution in birds & mammals 16792

***diseases***

dysplasia, multiple (It) 25629

epiphyseal disord. of proximal tibia 25681

epiphyseolysis capitis femoris, surg. 46665

epiphysiolysis of femur, advantages of early surg. 6170

epiphysiolysis of hip, seasonal variation & ingestion of aminonitrile as possible etiol. factor in cows 35282

epiphysiolysis of lower femur after trauma, x-ray aspects (Fr) 17991

epiphysiolysis of upper femur as birth inj., x-ray manifest. & case reports 4791

genetic factors in etiol. (Ger) 29052

non-union of epiphysis of lateral condyle of humerus, x-ray manifest. 4786

surg. reduction of disloc. of distal ulnar epiphysis (It) 19263

tarso-epiphyseal aclasis, case report & x-ray manifest. 26095

***effect of drugs on***

vitamin D3, calcium & phosphorus on histol. in rachitic rats (Ger) 30612

***in various diseases***

exper. lathyrism, nature of defect in epiphysial cartilage in rat 20772

***metabolism***

amino acid composition of epiphyseal plate of long bones, ion exchange chromatography 16916

uptake of radiosulfur-labeled sulfate by epiphyseal cartilage in x-irradiated mice, radioautographic study 51303

***physiology***

eff. of acute hematogenous osteomyelitis of femur on growth juncture (Ger) 29054

growth, clin. & exper. studies (Ger) 37751

***radiography***

fusion of finger epiphyses in adolescents, serial studies 12931

***wounds and injuries***

cartilage inj., surg. (Ger) 29055

***EPIPHYSIS CEREBRI*** **see PINEAL BODY**

## EPISIOTOMY

analgesia, dextro propoxyphene with acetylsalicylic acid 52823

lateral, results (Ser) 9965

technic (Sp) 2932

***apparatus and instruments***

new type of scissors (Ger) 23227

**EPISPADIAS**
- perineal structural variations in epispadias, surg. anat. 55046

***complications***
- urinary incontinence, surg. bending of urethra (Fas) 10720

**EPISTAXIS**
- relation to hypertension 37717

***etiology and pathogenesis***
- congen. afibrinogenemia with recur. epistaxis (It) 39645
- Osler-Rendu dis. (Rus) 10778

***surgery***
- problems of ligation (Fr) 1018

***therapy***
- (Hun) 3649
- adrenochrome semicarbazone-sodium salicylate prep., statist. 18796
- conjugated estrogen (Nor) 54971
- gauze packing, methods 6538
- hesperidin & vitamin C in epistaxis in menopausal patients 49002
- lysozyme, eff. on coagulation factors, nasal bact. flora & cicatrization (It) 37312

***EPISTROPHEUS*** *see* **ATLAS AND AXIS**

***EPITHELIOMA*** *see* **CARCINOMA, BASAL CELL**

***EPITHELIOMA*** *see* **CARCINOMA, EPIDERMOID**

***EPITHELIOMA*** *see* **HEMANGIOPERICYTOMA**

***EPITHELIOMA*** *see* **NEUROEPITHELIOMA**

***EPITHELIOMA*** *see* **SKIN NEOPLASMS**

***EPITHELIOMA, CHORIONIC*** *see* **CHORIOCARCINOMA**

**EPITHELIUM**
- epithelioneural bodies in chick, histol., review 35025
- histol. changes of artif. junction of epidermal & enterodermal epithelium in frog larvae (Rus) 47876

***anatomy and histology***
- ciliated epithelium of neural canal of chick embryos, electron microscopy during develop. 55623
- delta-cytomembrane & lamellar cytosomes, ultrastructure, histochem. & relation to mucus secretion in axolotl, review (Ger) 55629

***physiology***
- regen., eff. of cortisone (It) 1975
- transitional epithelium, osteogenic properties (Rus) 48023

***transplantation***
- spontaneous lumen form. from submerged epithelial strips in rats (Ger) 29073

***EPULIS*** *see* **GIANT CELL TUMORS**

***EQUANIL*** *see* **MEPROBAMATE**

**EQUILIBRIUM**
- biol. regulation (Ger) 15430
- capillary changes induced by motor & sensory stimuli in unilateral disequilibrium 12315
- disord. due to streptomycin (Ger) 43840
- disord., psychosomatic aspects 15826
- eff. of hypoxia in aviators (Ser) 22637
- eff. of median sagittal section of cerebellum, in dogs (It) 1524
- unilateral disequilibrium, eff. on resp. & circ. 492

***ERGONOVINE*** *see* **ERGOT ALKALOIDS**

***ERGOSTEROL*** *see* **VITAMIN D**

**ERGOT ALKALOIDS**

***see also*** **LYSERGIC ACID DIETHYLAMIDE**
- biosynthesis in Claviceps litoralis, relation to free amino acids in cultures 40363
- Claviceps purpurea prod. in vitro, determinants 37978
- clavine alkaloids, prod. by Claviceps purpurea in saprophytic culture, eff. of nutritional & environmental factors 16719
- ergonovine hydrogen maleate & ergotamine hydrogen tetrate, proposal for supplement to German Pharmacopeia No. 6 or No. 7 (Ger) 13363
- ergotamine-strophanthin test in diag. of myocardial involvement in rheum. (Ger) 11027
- galenic ergot prep., contamination by isolysergic acid alkaloids, incidence & determ. (Ger) 43596
- hydergine cardiocirc. test for evaluation of surg. risk (It) 1097
- prep. of standard stable dry ergot extracts (Ger) 30637

***determination***
- separation & quantitative determ. by paper chromatography (Ger) 13371

***effects***
- ergot on contractility of nonpregn. uterus of human volunteers 5566
- ergotamine-induced necrosis in Galliera sarcoma, eff. of hemostatics (It) 1979
- ergotamine on develop. of Galliera sarcoma, high dosage (It) 1978
- ergotamine tartrate, inject. causing T wave changes in ECG (Sp) 43937
- ergotoxin, paradoxical adrenergic actions (Ger) 35375
- ergotoxine - epinephrine synergism & antag., exper. in cats & eff. of anesthetics 24034
- exper. endangiitis in rabbits (Ger) 33971
- hydergine on blood coagulation (Ger) 27186
- hydergine on blood sugar response to 1-phenylethylbiguanide in animals, central mechanism of action & eff. of chem. structure & dose of guanide cpds. (Ger) 1803
- hydergine on cerebral circ. & metab. in ment. disord. role of age factor (Ger) 33847
- hydergine on form. of collateral circ. after ligation of aorta at iliac bifurcation in rabbits (It) 25700
- hydergine, on neurosecretory funct. of hypothalamus - posterior pituitary system in rats 24027
- reversal of epinephrine eff. on blood pressure in mice (Ger) 13635

***injurious effects***
- ergotamine tartrate ther. of migraine causing bilateral thrombophlebitis of legs 26148

***poisoning***
- ergotism medieval ther. at abbey of St. Anthony of Ranverso, near Turin (It) 42580

***therapeutic use***
- dihydroergotamine in chronic vasc. headache in child. (Ger) 30058
- dihydroergotamine in constipation in child. (Ger) 11012
- dihydroergotamine in migraine, prev. ther. 20593
- dihydroergotamine in mumps in child. 50612
- dihydroergotamine in postop. & postpartal urinary retention (Ger) 55745
- ergocristine & ergonovine prep. in prev. of postpartum & puerperal compl. (Ger) 45934
- ergonovine & methylergonovine tartrate, adjuvants in 3d stage of labor (Cs) 14816
- ergonovine in postpartum mammary engorgement, with chlorotrianisene 43335
- ergotamine in funct. vegetative disord. & dystonia, with reserpine & β-diethylaminoethyl 2-methyl-1-phenyl-valerate (Sp) 53144
- ergotamine in headache after pneumoencephalography & spinal puncture, with caffeine (Pol) 53142
- ergotamine in labor compl. (Fr) 18619
- ergotamine tartrate-2-diethylaminoethyl-2-phenyl-3-methylvalerate methylbromide-reserpine prep. in autonomic NS dystonia (Ger) 3300
- ergotamine tartrate in cluster headaches 7390
- ergotamine tartrate, in migraine, causing ischemia of lower extremities (Fr) 2474
- ergotamine tartrate-phenobarbital prep. in autonomic NS dystonia (Ger) 51829
- ergotamine tartrate with chloroarsenol in pain in cancer (It) 3865
- ergot-belladonna-phenobarbital prep. in thrombosis prev. (Ger) 11222
- ergotoxin prep. ergam in labor (Rus) 46829
- hydergine in circ. disord. of fundus & vasc. retinopathy, with N,N-diethylleucinon-p-aminobenzoic acid methanesulfonate 23884
- hydergine in gangrenous leg ulcer with diabetes (Ger) 19031
- hydergine in hypertension, comparison with ther. salt-free diet (Ger) 49134
- hydergine in hypertension, double blind clin. evaluation 32523
- hydergine in status epilepticus, mechanisms (Sp) 8871
- hydergine in thrombophlebitis, with N,N-diethylleucinon-p-amino benzoic acid methanesulfonate (Pol) 30847
- hydergine in trophic ulceration of foot in leprosy, intra-arterial admin. 50028
- hydergine in ulcus cruris (Ger) 42375
- hydergine with N,N-diethylleucinon-p-aminobenzoic acid methanesulfonate, in prev. of thromboembolism in gyn. surg., preop. admin. (Fr) 30983
- in obst., hist. 43174
- panthesine-hydergine in thrombophlebitis (Ser) 6630

***ERGOTHIONEINE*** *see* **THIONEINE**

**ERWINIA**

***metabolism***
- carotovora, hexuronic & 5-keto-hexonic acids 47967
- D-galacturonate catabolism with 5-keto-L-galactonate intermediate in Erwinia carotovora 13779

**ERYSIPELAS**

***differential diagnosis***
- (Dut) 13656

***etiology and pathogenesis***
- chronic recur. (Ger) 49022

***immunology***
- intradermal reaction (Rus) 55824
- Middlebrook-Dubos reaction (Pol) 29513

***therapy***
- 3-sulfanilamido-6-methoxypyridazine (Nor) 45407

**ERYSIPELOID**
- Erysipelothrix rhusiopathiae infect. in chickens 28193
- in chickens 4621

***case reports***
- accid. infect. of wrist by laceration during slaughtering of swine, in butcher (Fr) 44780

***diagnosis***
- triple sugar iron agar method in swine erysipelas 28188

***pathology***
- joint changes in erysipelas in swine 53742
- skin lesions in Erysipelothrix rhusiopathiae infect. in porpoise 28192

**ERYSIPELOTHRIX**
- rhusiopathiae, differentiation from Listeria monocytogenes using 2,3,5-triphenyltetrazolium chloride technic (Ger) 34466

**ERYTHEMA**
- centrifugum, topography (Fr) 6310
- chronicum migrans, relation to lymphadenosis cutis benigna of ear lobe, penicillin ther. (Ger) 3987
- infectiosum (Ger) 55485
- simplex, etiol. & manifest. (Fr) 9507

***case reports***
- erythema elevatum diutinum in 54-year-old man 48388

***differential diagnosis***
- infectiosum from epidemic exanthema (Ger) 51784

***epidemiology***
- in Rhodesia 38148
- infectiosum in Germany (Ger) 38998

***heredity***
- irregular dominant gene in palmar & plantar erythema (Ger) 22981

***in infant and child***
- acute polymorphous (Ger) 51790
- infectiosum (Pol) 7817

***manifestations***
- telangiectasis & purpura in centrifugum annulare erythema (Ger) 15279

***therapy***
- BCG, oral admin. with isoniazid in chronic erythema (Hun) 48075
- di- & trihydroxymethylene glycol prep. in chronic erythema (Hun) 48074

***ERYTHEMA INDURATUM*** *see* **TUBERCULOSIS, CUTANEOUS**

**ERYTHEMA MULTIFORME**

***see also*** **BEHÇET SYNDROME**

***see also*** **REITER'S DISEASE**
- exudative, classif., diag. & case reports (It) 39651
- Stevens-Johnson synd., clin. characteristics (Sp) 338
- Stevens-Johnson synd., etiol. & case reports (Ger) 42865
- Stevens-Johnson synd. with pemphigus conjunctivae (Ser) 51692

***case reports***
- ectodermosis erosiva pluriorificialis with unusual cytol. aspect of blister fluid (It) 27643
- exudative 17420
- exudativum, Stevens-Johnson synd. 28283
- isolation of herpes simplex virus from erythema multiforme patient 7415
- mouth 20151
- mucocutaneous-ocular synd. with intestinal involvement, clin. manifest. & pathol. 35712

***in infant and child***
- ectodermosis erosive pluriorificielle, relation to staphylococcal infect. (Ger) 4028
- ectodermosis pluriciticialis (Ger) 50060
- Stevens-Johnson synd. (Fr) 27493
- Stevens-Johnson synd., case report (Fr) 25440
- Stevens-Johnson synd., case reports (Ger) 25283

***in pregnancy***
- Stevens-Johnson synd., case report 7616

**ERYTHEMA NODOSUM**
- Löfgren synd. (Pol) 53156

***case reports***
- familial (It) 25694
- with heart dis. & pulm. tuberc. 48158

***etiology and pathogenesis***
- BCG vacc. (It) 36832
- Besnier-Boeck dis. (Fr) 32318
- leprosum, clin. aspects 18514
- leprosy, ther., ACTH & cortisone (Por) 13617

***in infant and child***
- ther., prednisone (It) 42782

***therapy***
- prednisolone 35160

***ERYTHREDEMA POLYNEUROPATHY*** *see* **ACRODYNIA**

***ERYTHREMIA*** *see* **POLYCYTHEMIA VERA**

***ERYTHRITYL TETRANITRATE*** *see* **NITRITES**

***ERYTHROBLASTOSIS, ADULT*** *see* **POLYCYTHEMIA VERA**

## ERYTHROBLASTOSIS, FETAL

*see also* ANEMIA, HEMOLYTIC, *in infant and child*

*see also* RH FACTORS

(Fr) 53388

(Sp) 13523

assoc. with pregn. toxemia 17831

icterus neonatorum, review (Ger) 25848

in newborn outside standard rhesus system (Ger) 18930

kernicterus 16853

kernicterus, pathogen. & ther. (Ger) 38961

late in utero fetal mortal., statist. (Fr) 14330

pathogen. & ther. (Fr) 30455

problem of apprehension in Rh-negative mother 42123

relation to low maternal antibody titer (Ger) 46081

***blood in***

aldolase (It) 2962

changing patterns in blood chem. tests & in diag. criteria 10962

hemoglobin, fetal & adult in inf. before & after exchange transfusion (It) 25580

25581

hyperbilirubinemia, ther., exchange transfusion 55281

intrauterine exsanguination (Dut) 52547

leukocyte count (Ger) 34595

Stuart-Prower factor defic. 49316

***case reports***

27061

in Chinese inf. 2854

***complications***

biliary peritonitis, case report (Cs) 38329

***diagnosis***

histol. exam. of hepatic hemopoiesis (Ger) 33527

partial absorp. test, technic for titrating Rh antibodies of pathol. significance in pregn. 36982

36983

prenatal tests, statist. 41014

prenatal x-ray diag of hydrops 12669

x-ray diag. of hydrops fetalis in utero 23821

***etiology and pathogenesis***

ABO incompatibility (Fr) 18080

18081

ABO incompatibility, clin. & pathol. aspects (It) 21424

ABO incompatibility, clin. & serol. aspects (Ger) 34135

ABO incompatibility, diag. difficulties (Dut) 43038

funct. immaturity of liver in etiol. of kernicterus in premature inf. 4216

insufficient glucuronide form., pathogen. relations 13428

iso-immun. to Rh factor, ther. (Fr) 21751

kernicterus due to vitamin K ther. of mother 35768

O-A incompatibility 42114

of kernicterus (It) 25573

placental Rh antigens (Dut) 30011

Rh incompatibility, diag. & ther. 42149

***experimental***

attempted induction in cattle by iso-immun. 11940

eff. of cortisone in ther. & prev., mechanism of action (It) 44833

eff. of sulfonamide pois. & defic. of liver glucuronyl transferase in rats 50935

induction in hogs & rabbits, comparison with human dis. & prev. value of plasma transfusions (Hun) 41615

prev. by maternal blood transfusion in rabbit (Ger) 12181

***immunology***

positive direct Coombs test on cord erythrocytes after addition of complement 55351

***prevention and control***

(Hun) 20167

exchange transfusion in kernicterus of prematurity 13415

prev. by maternal admin. of antihistaminics (It) 54257

review (Pol) 30898

spontaneous exchange of blood between mother & fetus as natural means of prev. of erythroblastosis fetalis 17506

***therapy***

(Fr) 25472

exchange & simple blood transfusion, seq. after early & late ther. (It) 26614

exchange transfusion & induced premature labor, results (Fr) 27704

exchange transfusion, compl. (Ger) 34094

exchange transfusion in ABO & Rh incompatibilities, determ. of blood regen. by differential agglut. method (Fr) 45009

exchange transfusion, technic & results 33663

exchange transfusion, technic & statist. 5581

exchange transfusion through internal jugular vein (Ger) 52175

hydrocortisone & prednisone in prev. of antenatal fetal death (Fr) 27716

late exchange transfusion, method (Ger) 42867

new technic for exchange transfusion (Fr) 21750

21752

practical management in community hosp. 50225

thiocaprylic acid, statist. (Cs) 14858

***ERYTHROCYTE SEDIMENTATION*** *see* BLOOD SEDIMENTATION

## ERYTHROCYTES

absolute reticulocyte count, determ. method 44904

adsorption of Shope rabbit papilloma virus (Rus) 33652

age in relation to osmotic resist., use in separating young & old erythrocytes 17063

aging of human cells, biochem. (Ger) 41744

auto-immune erythrocyte sensitization, unusual case report 26147

biochem. defect predisposing to favic hemolysis in Ligurians & Sardinians (It) 37507

coagulation factors in erythrocyte hemolysates, eff. on normal & on hemophilic plasma after platelet removal & after platelet addition (It) 37356

coagulation factors in erythrocytes, prep. of hemolysates & analysis (It) 37355

coagulation properties of erythrocyte hemolysates (Fr) 10343

color index in normal subjects, determ. with aid of automatic red-cell counter 6195

concentration, size, & shape, relation to blood viscosity (Sp) 44591

count & oxygen saturation of hemoglobin in capillary blood & their relation to diffusing capacity of lungs 16467

count & reticulocyte response, eff. of splenectomy in dogs 1784

count, determ. in vasc. compartment in rats by radiochromium labeling 11548

count, eff. of somatotropin & cortisone in hypophysectomized rats & changes after their withdrawal 735

count, eff. of stomach mechanostimulation in normal cond. & gastric pathol. (Rus) 7800

count, hematocrit & velocity in vessels in vivo, measurement method (Ger) 30514

count in bone marrow & in blood, method & correlation of results 17067

count, in morphol. exam. of blood platelets (Dan) 45500

count, normal levels (Dut) 32817

count with photometry, Pulfrich method (Ger) 55442

crescent bodies, morphol. 45378

diameter & volume of erythrocytes & percentage content in them of total water in renal dis. (Pol) 30803

diameter of erythrocytes in dried blood smears, eff. of drying time (Ger) 48060

diameter measurement in samples from domestic animals (Ger) 37230

dimension measurement & calculation of mean corpuscular volume & surface area, method 25939

distribution in dog kidneys after intravenous admin., radioautographic determ. 15008

distribution in rat organs & tissues, eff. of semistarvation 5547

eff. of erythrocyte aging on osmotic resist., determ. with radioiron in dogs (Ger) 11223

eff. of erythropoetin on form. (Ger) 15780

eff. of minor surg. 15060

eff. of positive acceleration on erythrocyte hydration in monkeys 16821

eff. of posthypophysial extract on opacity of erythrocyte suspension (Fr) 15101

elaboration of vasoconstrictor factors, neutralization by passage through lungs (Fr) 3122

electrophoretic mobility as measure of surface activity of plasma 38614

elliptocytosis causing hemolytic anemia (Ger) 15373

elliptocytosis hereditaria, familial cases (Nor) 22236

entrance of water into bovine & dog erythrocytes 17327

erythroblasts, chromosomal count (Ger) 41770

erythrocyte-borne antigen causing resist. to implantation of tumor graft 47565

erythrocyte-platelet values, relation to thrombocytosedimentation rate (It) 27760

erythropoiesis, iron metab. in & eff. of ACTH & other pituitary & thyroid hormones 32694

erythropoiesis, nitrogen balance under endogenic cond. (Ger) 49909

erythropoiesis stimulation in rats by inject. of blood from humans with hemorrh. anemia (Ger) 35152

erythropoietic factors, assay in rats by radioiron uptake measurements & eff. of nitrogen mustard admin. 5256

erythropoietic factor concentrates, purity 44110

erythropoietic factor different from erythropoietin produced in kidneys of x-irradiation-nephritic mice 26127

erythropoietic factor in blood of patients with polycythemia vera, assay in rats (Pol) 43661

erythropoietic system, residual inj. induced by periodic exposures to x-irradiation in rat 33316

erythropoietin (Fr) 10675

erythropoietin determ. in blood of rats after prolonged cobalt ther. 31426

erythropoietin from urine, assay in starved rabbits & rats 31326

erythropoietin hydrolysis by sulfuric acid, analysis of products formed 31443

erythropoietin in leukemic child. (Ger) 39914

erythropoetin in umbilical cord blood (Ger) 25268

erythropoietin, physiol. & clin. significance 1147

erythropoietin prod., eff. of hypoxic anoxia in rats & influence of nephrectomy 5257

erythropoietin, purification by ion-exchange chromatography 55888

erythropoietin, review 53111

erythropoietin, review (Fr) 54000

exper. erythroblastosis in chickens, eff. of cysteine & selenium (It) 16031

fixation of erythrocytes on vaccinia cells cultured in vitro (Fr) 48841

form., control by kidneys in dog 42972

form., eff. of changes in oxygen need induced by thyroxin admin. in maintained hypophysectomized rats 13950

formalinized erythrocytes with attached antigens, prep. & use to titrate antibodies 31433

Heinz bodies in extravasated erythrocytes 7208

Heinz body form., eff. of 2,4-dichlorophenol, relation to serum catalase inhib. (It) 51656

Heinz body form. in vitro, protective eff. of human plasma (It) 37509

hematocrit & cell count, eff. of exercise (Fr) 36713

hematocrit determ. in evaluation of phys. capacity & resist. to fatigue (Fr) 31094

hematocrit determ. in tissue with radiochromium & radioiodine labelling (Sw) 45364

hematocrit, eff. of bloodletting in normal subjects (It) 44809

hematocrit, eff. of hemorrh. in young rabbit 47133

hematocrit, eff. of testosterone in castrated & noncastrated aged male rats 40877

hematocrit in thoroughbred race horses, eff. of systematic train. & comparison with ordinary horses 48467

hypoplasia, chronic (Cs) 48583

immunol. tolerance in rats to type specific antigens of human erythrocytes 44066

in Brazilians, relation to soc., econ. & clin. cond. (Por) 16151

in Indians of Assam, average standards & seasonal variations 5179

in preserved blood, morphol. changes (Sp) 51629

inactivation of heparin in vitro 10120

induction of immunol. tolerance in rats to foreign erythrocytes 25778

ingestion by Endamoeba histolytica (Ger) 32311

intrarenal separation from plasma, theoretical study & objections (Fr) 39887

labeling with sodium radiochromate, determ. of amniotic fluid escape into maternal circ. in labor 22068

life span, application to study of anemia (Fr) 44698

life-span in normal & tumor-bearing mice studied by radiocarbon-labeled glycine, relation to pathogen. of anemia in neoplastic dis. 35383

life span, measurement by radiochromium labeling (Fr) 21291

lysis by human plasma of homologous erythrocytes pretreated with fatty acid 20751

microelectrophoresis (Pol) 30901

mixing of erythrocytes in dog spleen, radiochromium determ. 35801

morphol. changes in neutral saline medium & transparency of suspensions (Fr) 11108

osmotic resist. & post-transfusion survival of erythrocytes stored in $\alpha$-tocopheryl disodium phosphate 31335

osmotic resist. as index of biol. age (Ger) 22938

osmotic stability during labor (Pol) 27569

ovalocytosis with hemoglobin C trait, case report 10695

penetration of avian erythrocytes from peritoneal into pleural cavity (Rus) 13578

permeability to isotonic solutions of various alkaloidal salts, determ. by hemolytic method 16699

permeability to isotonic solutions of various salts of organic acids, determ. by hemolytic method 16698

pH-resist. in various buffers, eff. of electrolytes 38521

phagocytosis by human lymph nodes in vitro 17883

phys. & chem. comparison of young & old erythrocytes 17967

physiol. characteristics of human erythrocyte ghosts 5102

polyerythrophagocytosis, a new type of phagocytosis by histiocytes of serous effusions (Fr) 21654

polyglobulism, hemoglobin content in (Ger) 28949

practical determ. method (Fr) 47353

precipitable factor from erythrocyte hemolysates, eff. on normal & on hemophilic plasma after platelet removal & after platelet addition (It) 37357

prep. & hemoglobin content of erythrocyte ghosts 52392

pseudospirochetes of erythrocytes, form. & relation to mulberry- & burr- shaped erythrocytes (Ger) 23638

radiochromium-labeled, preop. inject. in prediction of results of splenectomy in hemolytic anemia 7412

radiochromium-labeling of autologous & homologous sheep erythrocytes & measurement compatibility 4156

reactions of erythrocytes treated with papain & trypsin with plant anti-N agglutinins 24855

resist. to deformation, action of spleen (It) 30399

resorption of labeled erythrocytes from peritoneal cavity in dogs 10089

reticulocyte count, central regulation (Ger) 30593

reticulocyte count, eff. of gonadotropins in ther. of ovarian insuff. (Ger) 49287

reticulocytes, eff. of hypothalamic electrostimulation in rabbits (Ger) 33933

reticulocytes in bone marrow, relative number 503

reticulocyte maturation in various age groups (Ger) 22939

sensitivity of human erythrocytes to lipopolysaccharides from E. coli, eff. of age (Ger) 34127

sites of removal of incompatible erythrocytes from circ., demonstration using liver & spleen models & radiochromium tracer 10963

spleen size in relation to radioactivity after inject. of radiochromium-labeled erythrocytes in humans (It) 36737

survival & destruction, determ. of balance index 32212

survival & destruction in normal man, study with radiochromium 32211

survival at various period of life from infancy to advanced old age, radiochromium determ. (Ger) 32697

survival, determ. by isotopic technics 4330

survival in rabbits, radiochromium determ. 39760

survival in tumor-bearing rats, radiochromium determ. 32695

survival of radiochromium-labeled autotransfused erythrocytes, determ. in measurement of erythropoiesis (Fr) 44632

survival time determ. by isotope method (Sp) 44426

transparency of erythrocyte suspensions in saline solutions, role of absorp. & dispersion of light traversing suspensions & of asymmetrical morphol. changes of erythrocytes (Fr) 11109

treatment with formol for use in indirect hemagglut. test (Ger) 54382

volume & distribution after rapid hemorrh. in rat, radiochromium determ. 47131

volume of various organs of dog, eff. of exper. hemorrh. 12494

***effect of drugs on***

acetophenetidin & 4'-hydroxyacetanilide on life span in dogs & rabbits (Ger) 54331

adenosine & inosine on metab. in preserved blood 26411

adenosine on phosphate metab. & sodium extrusion in swine erythrocytes 1377

aldosterone & hydrocortisone on sodium in erythrocytes 49334

alkylsulfonates on count in rats (It) 1926

citric acid & sodium citrate on antigenic groups of erythrocytes (Cz) 38132

count, eff. of magnesium chloride & calcium glycerophosphate solutions (Bul) 32814

count in humans exposed to parathion 11610

11-dehydrocorticosterone, erythropoietic eff. (Ger) 46604

erythropoietic eff. of 11-dehydrocorticosterone (Ger) 21652

erythropoietic stimulation by butyl alcohol in rats 17581

hemoconcentration induced by ethyl alcohol in dogs, mechanisms 44283

5-hydroxyanthranilic acid & tryptophan on form. of inner bodies in mesadial tetracodtamdiphosphate-treated mice (Ger) 39913

inosine on metab. behavior during preserv. of blood in cold 48448

inosine on osmotic resist. of rabbit erythrocytes in relation to their age 4859

inosine on survival, use as preservative 17057

iso-antisera, variations in conglomeration (It) 1868

iso-antisera, variations in resist. to acidic pH (It) 1870

iso-antisera, variations in thermal fragility (It) 1869

lead on potassium permeability, mechanism of action (Ger) 30521

papain in vitro (Fr) 15131

pneumococcal factor 103 from pneumococcal cultures on virus receptors & inhibitors in fowl, guinea pig & squirrel erythrocytes 46773

sodium salicylate 3464

sodium thiosulfate, on aggregation in vitro & in vivo (It) 3870

tannic acid & adsorbed purified blood group substances on human erythrocytes 20738

zinc acetate on human & rabbit erythrocytes 16697

***effect of radiations on***

gamma rays (Rus) 47989

nuclear radiations on erythropoiesis, damage & recovery in monkeys based on radioiron metab. 47128

on count in cancer patients cobalt telether. (It) 13130

27752

total body x-irradiation causing death & damage of erythrocytes & anemia in rabbits (Ger) 32671

ultrasonics, on electrokinetic potential (Rus) 47980

x-rays from modern dental x-ray unit in rat 16533

x-rays on erythropoiesis in total-body irradiation mice, determ. by radioiron uptake in various organs 49376

x-rays on erythropoietic activity in bone marrow & spleen, radioiron turnover in rats 26030

x-rays on form. in dogs (Rus) 7785

***extracts***

eff. on prothrombin consumption test 744

induction of oliguria & renal vasoconstriction in burned dogs, antag. eff. of caffeine (Fr) 47736

***in various diseases***

abnorm. in favism, relation to idiosyncratic-hyperhemolytic diathetic manifest. (It) 13969

abnorm. in Marchiafava-Micheli dis., electron microscopy (It) 53812

adenylic acid system in hyperthyroidism (Ger) 41735

adhesion & agglomeration by spirochetes in relapsing fever (Ger) 11301

behavior of erythrocyte aggregation factor (It) 52046

blocking of erythrocyte immission as possible mechanism of anemia caused by inhibitory hypersplenism (It) 32600

cholinesterase activity in glaucoma (Cz) 38299

destruction mechanism in hemolytic anemia with high titer of cold agglutinins (It) 27767

endosplenic distribution of radiochromium labeled erythrocytes in splenomegaly (It) 44177

erythroblasts from acquired hemolytic anemia, in vitro behavior 26032

erythroblasts in myeloid leukemia, nuclear content of desoxyribonucleic acid & histone (It) 44166

erythroblasts in normal subjects, in thalassemia & pernicious anemia, correlation of maturation, biochem. & funct. changes (It) 39772

erythrocyte volume in splenomegaly (It) 42623

erythropoiesis in acquired hemolytic anemia (It) 39768

erythropoiesis in anemia with Hodgkin's dis. & lymphatic leukemia 19871

exper. polycythemia, mechanism of decreased erythropoiesis in rats 20751

hematocrit determ. of degree of anemia (It) 39763

hematocrit levels in burns in child. & adults (Pol) 30698

hemolytic anemia, flourescein-globulin affinities for erythrocytes in 13666

hemolytic anemia, relation between osmotic fragility & thermic fragility in patients with anti-erythrocyte antibodies (It) 44174

inclusion bodies in congen. hemolytic anemia with abnorm. pigment metab. 1782

osmotic fragility in non-hemolytic anemia in inf. & young child. 16321

osmotic resist. in pulm. tuberc. (It) 21423

poikilocytosis in thrombotic thrombopenic purpura, differ. diag. value (Fr) 53982

resist. in erythroblastic anemia (Ger) 42267

reticulocytes, abnorm. in various hemolytic dis. (Ger) 27443

reticulocyte count & maturation rate in anemia, eff. of temporary acute hypoxia (It) 36756

reticulocyte count in gyn. dis. (Ger) 46082

rhodanese activity in exper. carbon monoxide pois. in rabbits (It) 27458

schizophrenia, comparison of fragility with erythrocytes of normal subjects 49201

siderocyte count in liver dis. (It) 11955

survival of incompatible erythrocytes in patients with agammaglobulinemia 37333

susceptibility to form Heinz bodies in erythroblastic anemia & favism, comparison with susceptibility in normal cond. in inf. & newborn (It) 37508

thalassemia minor, measurement & analysis of changes in osmotic resist. (It) 36731

***metabolism***

acid-soluble nucleotides in rat erythrocytes (Fr) 26944

adenosinediphosphate metab., anomaly in schizophrenia 26986

aldolase activity in neonatal period (It) 26618

5-aminolevulinic acid form. by particles from chick erythrocytes as initial stage in biosynthesis of porphyrins 13691

5-aminolevulinic acid form. from glycine & succinyl-coenzyme A by particles from chick erythrocytes as initial stage by biosynthesis of porphyrins 13702

5-aminolevulinic acid synthesis in chick erythrocyte prep., relation to Krebs cycle 13741

carbon dioxide incorporation by duck erythrocytes & reticulocytes in vitro 29819

carbon monoxide & nitric oxide uptake by normal human erythrocytes & experimentally produced spherocytes 5107

catalase in normal & iron-defic. rats 17596

cation content of phospholipids from swine erythrocytes 17317

cation transport in cattle (Ger) 23607

cholinesterase, photometric microdeterm. (Ger) 41748

chromium, elution from erythrocytes of normal adults & inf. & patients with erythroblastic anemia, comparison 31336

coenzyme I & II activity in primaquine-sensitive humans 31400

desoxyribonucleic acid content, in frog, dove & domestic fowls (It) 36800

enzymatic activity, eff. of incubation with sera containing auto-antibodies (It) 33113

erythrocyte phosphorus renewal rate as thyroid funct. test (Fr) 36071

funct. of calcium in potassium permeability of human erythrocytes 47968

glucose utilization & permeability in various mammals 4817

glutathione, eff. of vitamin E defic. in rabbit 28262

glutathione in newborn inf., in-vitro abnorm., mechanism & clin. significance 43509

glutathione instability in erythrocytes of Jews from various countries 12872

glutathione metab. disord. in hemolytic anemia caused by naphthalene pois. 7868

glycine concentration in duck erythrocytes 1342

glycolytic enzymes in anemia (Ger) 35564

hemoglobin synthesis by bird erythrocytes in vitro, eff. of nitrogen mustard 14754

hered. enzymatic abnorm. assoc. with hemolytic trait in oriental Jews 16390

impairment in vitamin B1 defic. in man 17056

interaction of erythrocytes with sodium palmitate 40689

iron, determ. by Pearl's method (Rus) 36889

iron transfer to human reticulocytes from blood binding protein 50464

lactic dehydrogenase of mammalian erythrocytes, form. of complex with coenzyme I & lactate 14612

lactic dehydrogenase of mammalian erythrocytes, inhibitors 14610

lactic dehydrogenase of mammalian erythrocytes, mechanism of substrate inhib. 14611

lipids 2074

manganese incorporation into erythrocytes as evidence for manganese porphyrin in man 52301

myokinase, demonstration in cytoplasmic & stromal components 14608

oxygen consumption & ammonia prod. by erythrocytes & reticulocytes, eff. of 2,4-dinitrophenol (Ger) 23623

pentose phosphate pathway in inf., relation between age & enzyme activity 7867

pentosephosphate cycle (Ger) 25899

phosphate esters in galactosemia 15049

phosphate uptake, eff. of vitamin B1 (Ger) 23615

phosphates, acid-soluble, determ. by paper chromatography with radiophosphorus-labeled orthophosphate (Ger) 30504

phospholipids, comparative liberation in man, ox & camel 44068

phospholipids in various mammals, species differences in column & paper chromatography 13803

phosphorus & potassium in normal & pathol. cond. 17597

phosphorus, relation to thyroid activity, review (Fr) 36203

phosphorylase activity in vitro (It) 1925

potassium & sodium movements of sheep erythrocytes of different cation composition 5777

potassium content, eff. of chlorpromazine ther. of ment. disord. (It) 36751

potassium content, eff. of prednisone & prednisolone ther. of various dis. (It) 36747

potassium in lamb 52329

protoporphyria (Pol) 30762

protoporphyrin increase in erythrocytes induced by artif. pseudomediastinum, correlation with resp. (Fr) 44606

pyruvic acid content in anemic rabbits after repeated bleedings, comparison with plasma content 35397

radiochromium binding in vitro, eff. of calcium ions 39845

radioiodine content in relation to plasma content in thyroid funct. tests (Fr) 43951

radioiron uptake in rats, eff. of cobalt admin. 5255

resp. increase in chicken erythrocyte caused by influenza A virus (Ger) 34100

ribose-5-phosphate, in human erythrocytes, identification of sedoheptulose-7-phosphate among metabolites (It) 25641

sodium, potassium & chloride content in congestive heart failure 35181

triiodothyronine uptake in supraventric. tachycardias 50419

triiodothyronine uptake in vitro, use as thyroid funct. test 50420

vitamin B12 18166

***ERYTHROCYTOSIS** see* **POLYCYTHEMIA**

**ERYTHRODERMA**

***etiology and pathogenesis***

pathogenetic classif. (Ger) 16090

pemphigus erythematosus, atypical manifest., case report (Fr) 37888

**ERYTHRODERMA DESQUAMATIVUM**

etiopathogen. & ther. (Ger) 41597

***case reports***

(Rus) 25748

***in infant and child***

differ. diag. from diathetic eczema seborrhoicum by admin. of prednisone (It) 25588

**ERYTHROMYCIN**

analysis & properties (Fr) 1051

propionyl erythromycin 13335

***administration***

enteric compression coated tablets 40356

***effects***

antibact. activity of blood after oral admin., comparison with triacetyl oleandomycin & acid & potassium phenoxymethyl penicillin 7863

bactericidal in vitro (Fr) 26839

on fibroblast tissue culture (Ger) 35566

on Micrococcus pyogenes, coagulase-positive hosp. strains, cross-resist. between erythromycin & oleandomycin 1280

on Proteus vulgaris in vitro, admin. with nitrofurantoin & chloramphenicol 47618

***injurious effects***

allergy 36340

anaphylaxis in 2-year-old child, fatal case 14546

***preparation of***

chem. & analytic aspects (Pol) 29498

fermentation technic (Pol) 29497

***therapeutic use***

(Hun) 52897

amebic liver abscess 24709

disinfect. of diphtheria carriers (Ger) 15351

in diphtheria carriers (It) 2979

leptomeningitis & epidural abscess (Ger) 11053

micrococcal infect., combined with oleandomycin (Fr) 54466

micrococcal infect., eff. of chloramphenicol-erythromycin-novobiocin combinations on emergence of resist. strains in hosp. 26122

molluscum contagiosum, compl., unusual inflamm. exacerbation, case report (Fr) 37897

nasal furuncles (Ger) 42379

prev. & control of endemic micrococcal infect. in large private hosp. nursery 1285

trachoma, erythromycin-sulfacetamide ointment 13331

**ESCHERICHIA**

freundii hyaluronidase, inactivation by x-irradiation 1362

***infections***

diarrhea in newborn inf., isolation of Escherichia freundii with complete Salmonella taxoradi antigens (Sp) 8837

freundii causing osteomyelitis in child., cortisone ther. (Ger) 24236

**ESCHERICHIA COLI**

aqueous extracts, relation to excystment of Schizopyrenus russelli 5090

atypical strains in drinking water (Ger) 25250

bacteriophage, bacilliform, electron microscopy (Ger) 23146

bacteriophage T2, host-induced modification & eff. of α-keto acids 4713

biol. of E. coli dyspepsiae (Ger) 34464

conjugation & recombination, mechanism of transference of genetic material (Fr) 47382

differentiation of E. coli strains for ther. use (Ger) 46248 46249 46250 46251 46261 46264

eff. of subzero temperatures (It) 13925

eff. of sudden chilling 17312

electron microscopy of ultrastructure 23782

endotoxins, adsorption by activated attapulgite, clin. applications 4562

endotoxin demonstration with precipitin reaction in plate test (Ger) 55689

endotoxin, eff. of acute stress on response of rabbits to intravenous inject. 48724

endotoxin, eff. on blood proteins in rat, alone & with E neomycin 36349

endotoxin, gastrointestinal absorp. in exper. hemorrh. shock in dogs 4875

fate of bact. introduced into peritoneal cavity of normal guinea pig (Fr) 26888

fertility factors 10202

filamentous cells, action of T2 bacteriophage 10860

fixation of surface-active anions after treatment by heat, chemicals or enzymes (Fr) 54385

genetic & phys. determ. of chromosomal segments in crosses 10201

genetic crossing & prod. of colicine (Fr) 3116

high frequency of mutations & unstable genes produced by heat 7258

in assay of vitamin B12 in prep. containing antibiotics, antibiotic-resist. vitamin B12-requiring mutant of E. coli 10151

in drinking water, rapid identification method (It) 16018

in feces, detection with 1-dimethylaminonaphthalene-5-sulfonyl chloride labeled antibodies (Ger) 47646

in feces, isolation & differentiation of pathogenic strains using paper slips containing chloramphenicol & streptomycin on blood agar (Ger) 34463

in milk, detection with cardboard disks & membrane filter (Ger) 34504

in potable water, disinfection with ultrasonics & antiseptics (Rus) 3800

in water, determ. by 2,3,5-triphenyltetrazolium chloride culture medium (Ger) 25223

in water, determ. technic (Fr) 54005

in water, failure of determ. caused by streptococci (Ger) 25244

in young lambs, isolation of strains 17105

inducible prophages & measurement of genetic segments transferred during conjugation (Fr) 36079

intestinal microflora changes in rats (Rus) 39592

isolation in intestinal disord. in inf. (Rus) 55838

isolation of serotype & lysotype strains in E. France (Fr) 10029

isolation of substances with sterol-like properties (Fr) 37840

mitochondrial equivalents, microscopy & histochem. (Ger) 46260

mutation to resist. to phages T1 & T1s 34386

OB diag. antisera prod. from motile E. coli strains 37976

PAS-positive polar form. & somatic antigens (It) 44824

pathogenicity, testing on ligated segments of rabbit small intestine 17893

T2 phage, elimination of dual sedimentation in sedimentation rate determ. by formaldehyde treatment 1694

phage neutralization in determ. of properdin, technic & interpretation 21667

phage $T_2$, ribonucleic acid turnover in infected E. coli 13754

protoplast-like bodies, electron microscopy 5912

recombination ability of E. coli K-12 protoplasts 7210

renal localization & multiplication after inoculation into rats, *eff.* of temporary & permanent ureteral occlusion 37566

selection of mutants which excrete antagonists of antimetabolites 4724

K12 sexual types, genetic determ. (Fr) 3049

***culture***

boric acid lactose broth at 43 C, inhib. eff. on fecal E. coli 1297

cell count per cc. of suspension for different strains (It) 16015

determ. of O groups of enteropathogenic E. coli, modified procedure 10214

eff. of amniotic fluid on develop. in vitro (It) 42565

eff. of temperature on growth & response to antibiotics (Rus) 36368

efficiency of selective & differential media, comparison (Ger) 25239

factors in culture stimulating growth of Lactobacillus bifidus, mechanism of action (Ger) 46270

reactions of IMViC coliform types in EC medium at 45° C 1309

***effect of drugs on***

p-acetylamino-o,β-dinitrostyrene & deriv. in vitro (It) 48098

antibiotics, crossed adaptation (Fr) 32305

antibiotics, resist. in pathogenic strains (Ger) 30044

broad spectrum tetracyclines on intestinal colonization of orally administered tetracycline-resist. E coli (Ger) 46242

5-bromouracil & proflavine induction of mutations in phages 19609

chloramphenicol isomers on growth & indole synthesis by mutant strain 25779

chlortetracycline, inhib. of electron transport as enzymic basis of resist. 16934

colimycin, electron microscopic & Warburg's manometric changes (It) 52018

d-cycloserine & its racemate (Ger) 55487

cycloserine optical isomers & isoxazolidin-3-one (It) 37498

cycloserine stereoisomers on growth in synthetic media 36588

dihydrostreptomycin under aerobic & anaerobic conditions 40850

β,β-dimethyl cysteine, inhib. eff., reversal by isoleucine, leucine & valine 13830

galactose, retardation of growth of certain mutants 37093

glycine & other amino acids on protoplast form., comparison with penicillin- & lysozyme-induced protoplast, review (Fr) 32290

glycine & sucrose on protoplast form. (Fr) 3125

kanamycin, inhib. of bactericidal action by egg yolk 40422

lauroyl sodium sulfonate (Fr) 32389

oxytetracycline sensitivity of E. coli grown in peptones with a variable content of metallic ions 12282

penicillin-induced spheroplasts of E. coli, physiol. & biochem. 40448

protamine inactivation of T1 & T5 phages, kinetics (Ger) 25324

testing of various cpds. on strains resist. to purine analogs 2709

tryptophan analogs on reversion of a tryptophan-requiring strain 19568

***effect of radiations on***

decay of radiophosphorus after incorporation into cells causing mutagenesis (Ger) 55561

ionizing radiation after-eff. on E. coli mutant 20928

radiation-sensitive mutant, isolation & mechanism of develop. 47956

ultraviolet & x-ray, reduction of lethal eff. by chloramphenicol 52442

ultraviolet rays on desoxyribonucleic acid & protein synthesis 1700

***immunology***

H antigens, characterization 2567

inhib. of endotoxic activity of lipid components of lipopolysaccharides from E. coli in horse serum (Ger) 34231

***infections***

bile ducts, dosulfin ther. (Ger) 29409

chronic, causing hypercholesterolemia (It) 14524

corneal ulcer caused by E. coli hemolytica, ther., neomycin & streptomycin (Cz) 14834

diarrhea in inf. caused by pathogenic E. coli serogroups, ther., polyxin B & neomycin 2619

differ. diag. from Aerobacter cloacae infect., Voges-Proskauer's test (Cz) 2776

drug-resist. in domestic animals 31259

O111:B4 dyspepsia in inf. (Rus) 7902

E. coli infect. in inf., colimycin ther. (It) 52019

eff. of inulin on blood properdin level & resist. to infect. in mice (It) 13930

enteritis in child., agglutinating antibodies in blood (Ger) 1032

enteritis in inf. & child., determ. of agglutinins in feces (Ger) 23006

enteritis in inf., clin. course & epidemiol. (Hun) 39747

enteritis in inf., epidemiol. (Ger) 15983

enteritis in inf., manifest. & ther. (Rus) 7901

enteropathogenic eff. in rabbits of E. coli strains isolated from human gastroenteritis 5686

exper., eff. of irradiations of dogs on virulence (Rus) 55830

exper. pyelonephritis, importance of narrowing of ureter in excretion of bact. in urine of rabbits (Cs) 48582

exper. septic mastitis in animals (Ger) 32301

gastroenteritis caused by 0127:B8 strain, bacteriol. & clin. manifest. 2600

gastroenteritis epidemic (Fr) 41137

gastroenteritis in child. caused by 111 B4 strain, ther., polymyxin B (Fr) 25464

gastroenteritis in inf. (Nor) 54072

gastroenteritis in inf. & child., ther., polymyxin (Fr) 30232

gastroenteritis in inf. caused by type O119 B14 infect. (Fr) 10025

gastroenteritis in inf., colimycin ther. (It) 52014

gastroenteritis in inf. in military hosp., control program 41420

gastroenteritis in inf., statist. on pathogenic strains (Fr) 23929

055 gastroenteritis in newborn, comparison of 2 Czech. nursery epidemics (Cz) 38330

0119 gastroenteritis, hosp. outbreaks in inf. 36540

gyn., incidence & diag. 36044

in calves, strains isolated from natural outbreaks 7104A

in farm animals 18363

mastitis, reversion of A minus to A plus mutants (Ger) 32308

menigitis in newborn caused by E. coli O111 B4, case report (Fr) 18503

with moniliasis & acrodermatitis, case report (Sp) 346

***metabolism***

acetyl phosphate form. in acetyl kinase-catalyzed transphosphorylation of acetic acid & ATP, inhib. by phenylbutyric acid (It) 1959

acid-soluble fractions of normal & of phage-infected strains, analysis 40516

activation of ornithine-carbamyl transferase system in mammalian liver by substance in E. coli 25864

amino acids, activation & incorporation by enzymatic fractions (Fr) 36087

p-aminobenzoic acid & methionine, temperature-sensitive requirement 20730

capsular polysaccharides, purification & characterization 2566

carbohydrate synthesis & distribution, eff. of environmental cond. & x-irradiation 23289

colicine K, immunol. assoc. with O antigen of colicinogenic E. coli K235 $L_1OC_1$ 17254

colicine prod. & sensitivity (Ger) 46251

colicine prod. of strains pathogenic for adults & child. (Fr) 38648

colicine synthesis by E. coli SG 710, biochem. (Ger) 46262

colicine synthesis by E. coli SG 710, biol. eff. & properties of degradation products (Ger) 46263

desoxyribonucleic acid & proteins, relationship (Fr) 48905

desoxyribonucleic acid breakdown & resynthesis during infect. with T5 phage 10877

desoxyribonucleic acid in vegetative & mature phages, comparison with normal bact. nucleoids in various physiol. states, electron microscopy 40577

desoxyribose biosynthesis in intact bact. 28268

desoxyribose degradation, demonstration as thymidine 28269

2,6-diaminopimelic acid synthesis by cell-free system 40511

enzymes involved in pyrimidine synthesis & amino acid metab. 17311

p-fluorophenylalanine incorporation resist. mutant, kinetics 4726

β-galactoside-permease, phys. state of intracellularly accumulated substrates 13759

genetic aspects (Pol) 30894

3-hydroxyanthranilic acid, nicotinic acid & quinolinic acid (It) 13981

lipids in E. coli B & B/r strains, eff. of varied environmental conditions & ultraviolet rays, comparison of lipid extraction methods 23288

lipopolysaccharides, induction of regression of Yoshida sarcoma (Ger) 34159

methionine biosynthesis from methionine deriv., vitamin B12 mechanism, review 43292

nitratase adaptation, eff. of nitrite 25142

nucleic acids & phosphates, eff. of streptomycin 1374

nucleic acids, eff. of aging of culture (Rus) 19098

nucleic acids, eff. of composition of medium on prod. (Sp) 29539

nutritional requirements for arginine decarboxylase form. 28220

orotidine-5'-phosphate & uridine-5'-phosphate synthesis from E. coli B cultures 19640

phosphate incorporation into ribonucleic acid & other cpds. in fractions of E. coli obtained by centrifugation & chem. means 37076

phytase & transphosphorylase activity (Fr) 26315

potassium retentivity, eff of x-irradiation 20737

proteins, sequence analysis of sulfur-containing amino acids 13751

protein synthesis & ribonucleic acid turnover in pyrimidine-defic. mutant 13748

resp., eff. of aeration (Rus) 22646

ribonucleic acid, determ. of 5-methylcytosine component 1703

ribonucleic acid phosphorus metab. in strain infect. with T7 phage 22605

ribonucleoprotein particles 19512

serine utilization, significance for typing of strains 23776

sialic acid, bacteriocin & hemolysin in E. coli strains 52398

stability of ribonucleic acid formed after inhib. of protein synthesis by chloramphenicol 40515

streptomycin-dependent bact., replacement of streptomycin by growth factor in E. coli extract 16286

thouridylic acid form., relation to bact. growth 1399

threonine, regulation of biosynthesis 47709

thymine in various strains 37110

tryptophan synthetase activity, restoration by suppressor mutations 21678

uronic acid pathway 13811

valine biosynthesis with acetolactate intermediate, enzyme mechanisms 28259

vitamin B2 synthesis by E. coli neapolitanus, eff. of 8-ribityl-6,7-dimethyllumazine 18164

yellow pigment, isolation & characterization 1375

***ESERINE** see* **PHYSOSTIGMINE**

## ESOPHAGOSCOPY

### *anesthesia and analgesia*

hexylcaine local anesth. 49708

indic. & technic 36283

intravenous thiopental with adjuvant musc. relaxants (Rus) 45736

isopromedol (Rus) 54570

### *apparatus and instruments*

broncho-esophagoscope with ring-shaped mirror (Hun) 43453

flexible esophagoscope 6203

### *in various diseases*

detection of exulceratio simplex of cardia during esophagoscopy, case report (Fr) 14388

diaphragmatic hernia diag., indic. & technics 19897

gastro-esophagoscopy in digestive hemorrh., emergency method & results (Fr) 36655

***ESOPHAGOSTOMUM** see* **STRONGYLOIDEA**

## ESOPHAGUS

### *abnormalities*

atresia 46590

atresia in newborn, review (Ger) 46073

atresia in premature inf., case reports (It) 2961

atresia in premature inf., with tracheoesophageal fistula, surg. 50672

atresia, review (Pol) 43684

atresia, surg. (Dut) 43068

atresia, surg., technic & results (Ger) 29016, 34559

atresia with common tracheo-esophageal tube in newborn 1417

atresia with esophagotracheal fistula 21830, 26618

atresia with esophagotracheal fistula, case report (Fr) 6391

atresia, with esophagotracheal fistula, in premature inf. 50672

atresia with esophagotracheal fistula, surg., end-to-end anastomosis (Sp) 21139

atresia with pulm. agenesis, etiol., diag. & case reports (Ger) 34093

atresia without esophagotracheal fistula, surg. (Ger) 26170

congen. cysts & diverticula (Fr) 20518

deformity of lower thoracic esophagus caused by osteophyte, x-ray differ. diag. from esophageal cancer 26097

malposition of cardioesophageal junction, differ. diag. from cardiochalasia & gastroesophageal reflux (It) 29737

megaesophagus, case reports (Ser) 33371

partial esophagogastric duplication (Rus) 55269

short esophagus (Sp) 6575

### *anatomy and histology*

cardio-esophageal junction, comparative anat. in vertebrates 23560

cardioesophageal junction, surg. anat. 19894

### *blood supply*

arteriovenous anastomoses, classif. & funct. significance (It) 19267

### *diseases*

22289, 29757

achalasia, surv., Heller's operation (It) 40963

achalasia, surg., modified Heller technic 5898

achalasia, ther., dilat. with Starck dilator 12294

achalasia with pulsion diverticulum, case report 49988

brachyesophagus, scleroderma (Fr) 53427

diag. & surg., review 24262

diag., photochem. imprint of mucosa, technic (Rus) 33606

dilatation, idiopathic (Ger) 55082

distension causing clear latero-tracheal x-ray images in pleuropulm. dis., diag. problems (Fr) 50559

erosive lesions, postmortem pathol. in fetal & newborn inf. 51287

esophagitis caused by reflux, fatal, in 3-month-old inf. (It) 29741

esophagitis, etiol. & surg. 42619

esophagitis, localized drug-induced, case reports 18756

esophagitis manifested by upper abdom. pain, diag. by acid perfusion test 4448

esophagitis, peptic (It) 29875

esophagitis, surg. (Dut) 52495

esophagitis with pathol. sensations of hunger & polyphagia (Fr) 36649

exper. burns, ulceration, necrosis & fibroplasia caused by caustics, pathol. evolution & prednisone ther. (It) 47825

feeding through naso-esophageal tube, technic & dietetic aspects in (Fr) 43952

funct. disord., med. management 52665

funct. disord., spasm, dyskinesias & achalasia, diag. methods 36282

gastric-lined esophagus with peptic ulcer & scleroderma, x-ray diag., case report 26518

gastroesophageal regurgitation, physiol. mechanisms of longitudinal esophageal musc. 18061

hypertrophy caused by partial stenosis of pylorus, in rabbits, relation to gastro-duodenal dyskinesia (It) 52113

lower esophageal rings, case reports 47278

megaesophagus, dyskinetic, primary, etiol., physiopathol. & postop. dynamics of esophagus (It) 53759

megaesophagus, surg. (Sp) 8193

megaesophagus with dysphagia causing rheum. (Fr) 36648

moniliasis, x-ray findings 1176

pachyesophagus, case report (Fr) 51599

panel discussion 46913

peptic esophagitis 8853, 50740

peptic ulcer induced by prednisone assoc. with hiatal hernia 24415

peptic ulcer, with esophago-bronchial fistula (It) 36822

postop. reflux esophagitis after esophagogastrectomy, surg. technic (Por) 16119

reflux esophagitis 15735 19280 19895 22283

reflux esophagitis, etiopathogen. & clin. asepcts (Sp) 43856

reflux, esophagitis, surg., fundoplicatio (Ger) 7082, 39833

reflux esophagitis, x-ray & esophagoscopic manifest., comparison 26093

review 125

short esophagus with strict., esophagogastrectomy & antral excis. 13311

surg., esophagogastrectomy with jejunal graft 8748

### *diverticula*

(Pol) 20455

clin. manifest., x-ray diag. & ther. (Sp) 44519

giant pharyngoesophageal, surg., case report 47250

of cervical esophagus, case reports (Ger) 23204

pharyngoesophageal, pathogen. & surg. inversion or excis. 2940

pseudodiverticula, idiopathic, case report (Pol) 30708

### *effect of drugs on*

ganglion-blocking agents on motility, exper. study (It) 30334

hyaluronidase on mucosal protection by mucus in cats (It) 30337

phthalic anhydride dust & zinc oxide dust on motor activity of mucosa in frog (Rus) 45735

### *fistula*

aorticoesophageal secondary to achalasia with megaesophagus & esophageal ulceration 30135

broncho-esophageal fistula with esophageal diverticulum, case report 14670

esophagobronchial (Ger) 9519

esophago-jejunal, postop. in gastrectomy for gastric lymphosarcoma, case report (Sp) 1835

esophagopericardial fistula caused by for. body in inf. manifesting itself as hydropneumopericardium 5873

esophagopulm. fistula, acquired benign, pneumonectomy 12713

esophagotracheal fistula without atresia 8384

esophagotracheal, H-type, surg. 36276

esophagotracheal in child., surg. (Dut) 43068

esophagotracheal in newborn, review (Ger) 46073

postop., after pneumonectomy, case report (Fr) 43758

### *foreign bodies*

fishbone, develop. of lung abscess after extraction (Hun) 52892

impacted denture causing esophago-tracheal fistula, case report 52618

manifest. & surg. (Sp) 53074

melon seed & duralumin foil, removal (Rus) 55238

needles, case reports (It) 27634

open safety-pin & other bi-pronged objects, removal by gastric version, use of flexible forceps 36284

retained meat in esophagus causing dysphagia, management 46475

safety razor blade fragments (Rus) 45747

statist. (Rus) 41536

x-ray diag. & surg. (Sp) 42233

### *in various diseases*

myxedema, x-ray (Ger) 6731

myxedema, x-ray (Sp) 8700

sphincter tone in diaphragmatic hernia 6204

### *innervation*

(Rus) 13565

morphol. (Ger) 23815

paralysis of recur. nerve, homolateral, with Takayasu type aortic arch synd. (Sp) 8816

### *neoplasms*

4549

(Sp) 8173

angioma, cavernous, diag. & surg. (Ger) 11416

benign 41442

causing stricture, diag., cinematography 2128

cervical, surg., end-to-end anastomosis 28476

clin. aspects (Sp) 8174

coadjuvant antispastic ther. with scopolamine N-butylbromide (It) 3717

cytodiag. by cotton wick method (Fr) 13019

cytodiag. technic (Fr) 31044

cytol. differentiation of benign & malignant cond. by gauze-sponge smear technic 28128

diag. & differ. diag. from other dis., methods (Rus) 5979

diag. by radiocinematography, value of arrested & slowed images (Fr) 1021

diag., endoscopy (Sp) 8175

diag., exfoliative cytol. 54739

diag., exfoliative cytol. (Sp) 8177

early diag. by predysphagic sympt. & other technics, limited diag. value of predysphagic sympt. (Sp) 43871

fibro-leiomyoma, case report (It) 36715

fibroma, case reports (Fr) 5330

5-year survival after surg., case reports 5396

leiomyoma, hemorrhagic case (Rus) 6003

leiomyoma, massive, case report (Fr) 42420

leiomyosarcoma 10104

36004

melanoblastoma, case report (Ger) 23040

melanoma (Fr) 4831

palliative ther. 22093

pathol. (Sp) 8176

pericardial, surg. (Rus) 33215

pharyngo-esophageal, surg., total cervical pharyngo-esophagoplasty & repair of neck with tube graft (Fr) 13068

preclin. stage, of cancer, diag. & case report (Fr) 36669

primary melanoma, case report 37644

radiocobalt 60 beam ther., statist. 8556

radiother. (Ger) 10015

radiother. & surg. (Fr) 49743

radiother., rotation (Sp) 8179

radiother., 200kV & betatron 22MeV, comparison (Fr) 1459

radiother., special localization tube (Rus) 55257

recanalization using plastmass prosth. in inoperable cases (Rus) 49221

sarcomas assoc. with Spirocerca lupi infect. in dogs 38074

statist. in Caribbean region & Venezuela, comparison with stomach cancer 24173

statist. in Gt. Brit. 24175

statist. in Japan 24176

statist. in Philippines 24172

statist. in So. African Bantu 24174

surg. (Rus) 5980

surg. (Sp) 8178

15503

surg. of benign cases (Rus) 5983

surg., statist. (Fr) 35051

ther., betatron (Fr) 41390

ther., radiocobalt 60 telether. (Sp) 39131

thoracic, radiother., betatron 22 MeV (Fr) 40650

ulcerated carcinoma, case reports (It) 8546

with achalasia of cardia & hypertrophic pulm. osteoarthropathy 37716

with cancer of thyroid (Pol) 43678

with carcinomatous neuropathy & myopathy 16308

with keratosis palmaris et plantaris, familial incidence 8492

x-ray diag. with artif. pneumoperitoneum & double contrast technic (Rus) 5982

x-ray differ. diag. from cardiospasm 27081

***pathology***

in scleroderma, x-ray changes (Fr) 53436

***perforation***

causing mediastinitis, conservative ther. (Ger) 27745

cervical esophagus, etiol. & surg. 41068

cervical, surg., primary sutures (Pol) 30701

rupt. of aortic aneurysm into esophagus causing sudden death (It) 30672

traum., etiol., incidence & surg. 36281

***physiology***

device for intra-esophageal & other intra-lumen pressure recording 6213

electromanometric findings of motor funct. (It) 44320

gastroesophageal sphincter, mechanisms in prev. of reflux esophagitis 5866

gastroesophageal sphincter pressure profile, improved method of detection 20809

importance of esophagus in coordinated activity of prestomach in sheep (It) 37317

mechanical properties of esophagus & endoesophageal pressure measurements 16835

motility, review 20340

non-existence of tertiary peristalsis in esophagus of dog (It) 30336

peristalsis, reflex arc in regulation of (Por) 16131

primary & secondary peristalsis, characteristics & similarity 50459

***radiography***

contrast media, comparison of barium sulfate & barium sulfate-carboxymethylcellulose prep. (Ger) 38937

fluorocinematography with simultaneous intraluminal pressure measurements, in study of esophageal motility 39460

lower esophageal ring or groove 2129

method, contrast media & interpretation of films 27547

of cardioesophageal junction, technics & diag. value 19896

technic & results (Fr) 39486

use of methantheline deriv. in obtaining thin-layer radiograms of mouth of esophagus & pharynx (Fr) 44677

***rupture***

after introduction of Sengstaken-Blakemore tube, case report 49710

after vomiting, x-ray diag. 8573

in standardbred mare, surg. & recovery 4647

into stomach, causes & surg. (Sp) 25936

physiopathol. & clin. manifest. 10543

spontaneous (Dut) 7314

***stenosis***

acute corrosive esophagitis & stenosis, surg., indic. & choice of operation (Fr) 44676

caused by acid in attempted homicide, management (Por) 21074

caused by clinitest tablet ingestion 17921

34996

41051

caused by mediastinal granuloma 51165

caustic, caused by lye & acids, surg. (Ger) 29013

caustic, diag. & ther. (Ger) 43838

caustic in child. (Rus) 10772

caustic, in rabbits (Sp) 23916

caustic, surg., supra-aortic esophagogastric anastomosis (Fr) 51445

caustic, surg., total extrathoracic esophagoplasty, late develop. of cancer of anisthoracic esophagus (Ger) 22194

cicatricial, review (Fr) 40652

compl., thrombophlebitis caused by infusion ther., prev. with hydrocortisone (It) 9284

corrosive esophagitis, cortisone ther. (Fr) 213

high intrathoracic esophagogastrostomy, postop. metab. eff. in growing child 51164

in 3-year old child (Fr) 53024

postop. (Sp) 13913

postop., after partial gastrectomy, case reports 2244

postop. & cicatricial, surg. & case reports (Sp) 1841

postop., caused by unrecognized diaphragmatic hernia after gastric surg. with naso-gastric intubation, case reports 2243

surg., alloplasty (Rus) 49220

surg., dilating by mole technic 17626

surg., indic. (Sp) 18638

ther., dilat. (Fr) 39480

upper, with Zenker's diverticulum, surg., esophago-diverticulostomy 12844

***surgery***

(Rus) 33214

anastomosis, technic (Rus) 49222

artif. esophagi from plastics & tissue transplants, review (Pol) 53130

cardio-esophageal surg. in neoplasms & gastritis, technic using two teams (Por) 8749

endotracheal anesth. with musc. relaxants 18250

esophagocardiomyotomy in cardiospasm, Heller technic (Por) 8753

esophagogastric reconstruction with segments of colon 11816

esophagogastrostomy, esophageal resist. to HCl & pepsin, relation to postop. esophagitis in dog 22043

esophagojejunal anastomosis following total gastrectomy, indic. & technic 23663

esophagojejunostomy causing megaloblastic anemia (Fr) 32188

esophagojejunostomy, terminoterminal, improved technic (Hun) 6340

esophagoplasty with ascending & right half of transverse colon 10085

esophagoplasty with segment of colon (It) 6869

excis. of esophagogastric junction & form. of physiol. sphincter by jejunal interposition 16659

exper. plastic surg. with flexible plastic prosth. in dogs, failure (Rus) 5988

exper. repair with ureteral grafts (It) 30666

ileal & jejunal replacement of retrosternal esophagus 21999

jejunal interposition operation for substitution of esophagogastric sphincter, present status 54666

modified Heller operation (Sp) 10995

plastic repair of thoracic esophagus defects with fibrin film & polystan-free polyethylene tubes (Ger) 22210

plastic repair, technic & statist. (Bul) 28771

problems (Sp) 35974

reconstructive surg., methods (It) 47811

replacement with right colon, case report (Sp) 25957

replacement with transverse colon in atresia, neoplasms & varices of esophagus 22042

resection of lower portion in gastrectomy, technic (It) 6885

review 52667

substitute cervical esophagus by inverted dermis-tantalum mesh tubular graft 10495

total excis., technic (Sp) 8159

transpleural esophago-fundal anastomosis in cardiospasm, postop. anemia (Rus) 6007

***transplantation***

lyophilized homografts in dogs (Ger) 55711

***varix***

bleeding varices caused by portal hypertension, surg. (Sp) 8154

esophagogastric hemorrh. caused by portal hypertension, surg. ther. (Fr) 31688

hemorrh., differ. diag. & ther. using Blakemore's catheter with balloons (Fr) 10035

hemorrh., hemostasis by modified balloon catheter (Fr) 53384

hemorrh. in liver cirrhosis, surg., portacaval shunt, review 1214

hemorrh. in portal hypertension, surg., portocaval & splenorenal shunts 5861

hemorrh. in portal hypertension, surg., technics (Fr) 1449

hemorrh., ther., combined esophageal compression sound (Ger) 35603

hemorrh., ther., pituitrin, intravenous admin. 54674

hemorrh., management 27072

hemorrh., Sengstaken-Blackmore sound ther. (Sp) 27203

hemorrh., severe, ther. (Ger) 23846

hemorrh., ther. & surg. 17643

hemorrh. with polycystic liver, case reports 30098

hemorrhagic, surg. technics (Sp) 1794

in liver cirrhosis, diag. before hemorrh. 46951

subdiaphragmatic, case report (Pol) 30709

surg., ligation of arch of azygos vein (Fr) 42443

with portal hypertension in child., surg., splenectomy, postop. diag. (Pol) 30710

x-ray kinematography with amplifier (Ger) 39380

***wounds and injuries***

burns in small child. caused by vinegar essence (Ger) 38936

chem. burns, diag. & management 18488

eff. of cortisone on alkaline phosphatases in exper. caustic lesions (It) 1976

eff. of cortisone on exper. caustic lesions, histopathol. (It) 1974

exper., epithelial regen. & wd. healing in cats 4973

from esophageal tamponade 19838

war wds., case reports (Fr) 47470

**ESTERASES**

***see also*** **CHOLINESTERASE**

***see also*** **LIPASES**

***see also*** **PHOSPHATASES**

A esterase in in vivo hydrolysis of tetraethylpyrophosphate (Fr) 36604

A2-esterase of rat-skin acetone powder, demonstration & activity 13797

acetyl-coenzyme A deacylase, separation from condensing enzyme of Aspergillus niger & eff. of magnesium ion on the purified fraction 42986

acylase (Rus) 37143

acylase I from hog kidney, differentiation from dialkylfluorophosphatase 16911

acylase I from hog kidney, substrate specificity 16912

aldonolactonases & uronolactonase of animal tissues, properties & distribution 16894

arylsulfatase A from human tissues, anomalous kinetics 1649

1650

C-esterase from hog kidney, activity at various pH values 13743

cholesterol esterase activity of rat lymph 31379

cholesterolesterase, eff. of heparin (It) 1988

choline acetylase activity in wallerian degen. of cat peripheral nerves in vitro 41208

choline acetylase activity of rabbit brain extracts 5470

choline acetylase distribution in cockroach conductive tissue 29840

hydrolysis of vitamin C palmitate in vitro (Fr) 24907

in aorta in various animals (Cz) 48623

indigogenic staining methods 3767

interference in histochem. determ. of cholinesterase in smooth musc. (Fr) 26843

intramolecular model for esteratic enzyme 13826

lecithinases A & D with L-α-(dicaproyl) lecithin as water-soluble substrate 13409

lecithinase, control of activity by electrophoretic charge on its substrate surface 29804

lecithinase, egg culture media for demonstration (Ger) 23156

lecithinase from Bacillus anthracis 4723

lecithinase in Clostridium septicum toxin (Rus) 11487

localization in developing dentin, correlation with calcification 40779

localization of biosynthesis in rat pancreas cells in vitro (Ger) 25887

mechanism of hydrolytic action, review 35560

micelle form. in substrates of esterases 25424

phospholipase A, residual activity in lysolecithin prepared by action of snake venom on ovolecithin 13812

phospholipase B from Penicillium notatum hydrolyzing lecithin 37056

thromboplastinase, bact., characterization 47935

vas esterase activity of various microorganisms, comparison 44137

***antagonists***

organo-phosphorus cpds., mechanism of action 19574

***determination***

in blood & bone marrow smears, histochem. demonstration 28391

phenol sulfatase in commercial fungal enzyme prep., isolation & purification 31461

***effects***

Clostridium perfringens A toxin on spinal cord electrical activity in warm- & cold-blooded animals (Rus) 37201

lecithinase A induction of degranulation of mast cells, inhib. eff. of allicin 35390

lecithinase C causing opalescence of blood lipoproteins, inhib. by blood protein 31329

phospholipase-induced release of cytochrome c from electron transport particle 44975

***in blood***

classif. & properties (Cz) 21[illegible]08

correlation with blood proteins, electrophoresis (Fr) 44811

eff. of mucoproteins (Cz) 40037

eff. of protamine on esterase levels before & after heparin admin. (Cz) 21557

in cancer (Cz) 44871

in diabetes mellitus & liver cirrhosis (Cz) 44872

in keratoconjunctivitis (Cz) 21576

normal levels (Cz) 44870

procainesterase, in hyperthyroidism (It) 36206

procainesterase in tuberc. in rabbits & guinea pigs (Fr) 13097

## ESTRADIOL

assay of estradiol-sensitive pyridine nucleotide transhydrogenase 48547

***administration***

potency of estradiol benzoate in percutaneous admin., relation to type of vehicle (Fr) 26952

***effects***

benzoate, on blood phosphatases, with progesterone (Ger) 25210

estradiol dipropionate, eff. on basal blood sugar & glucose tolerance tests, in females (It) 53683

estradiol-17$\beta$-n-valerate on endosteal ossification & linear growth in mouse femur 39193

feminization in toad gonads & develop. of intersexuality in frog gonads following admin. in larval life (Fr) 15075

induction of changes in urethral smear in male rabbits 35099

on adrenal glands of guinea pigs & rats, comparison 50523

on blood calcium, liver composition & oviduct hypertrophy in immature pullets, response to thiouracil 14605

on blood phosphate, with progesterone (Ger) 25211

on citric acid metab. of perfused human placentas 17060

on $\alpha$-ketoglutaric acid prod. in noncancerous & cancerous human breast tissue 48548

on liver glycogen phosphorolysis in rats (Fr) 26862

on oxidation in rats (Ger) 49329

on skin spreading reaction & on hexosamine & water content of skin 23992

on submaxillary gland histol. in rat (It) 49597

on thyroxin metab., radioisotope determ. (Fr) 46594

on uterine histamine in ovariectomized rat 15619

on uterine morphol. & phosphatase levels in castrated rabbits 35116

on uterus, eff. of inhib. of uterine $\beta$-glucuronidase activity by local potassium hydrogen saccharate application in rats 35145

***in blood***

competition between serum albumin & globulins for estradiol 12497

***in urine***

determ. in human urine extracts, comparison with analysis of estriol & estrone 28246

hydrolysis of conjugated estradiol-17$\beta$ in human urine 40803

***metabolism***

biosynthesis of $\beta$-estradiol from acetate & testosterone in dog ovary slices, eff. of FSH 28247

degradation to 2-methoxyestriol 13410

fetal liver, form. of estriol from estradiol labeled in C16-position in liver slices 37118

liver, conversion to estriol in isolated rat liver 47960

urinary metabolites after admin. of estradiol in young calves 11907

***therapeutic use***

estradiol benzoate - progesterone prep. in secondary amenorrhea, oral admin. 27994

estradiol 17-cyclopentylpropionate & estradiol 17$\beta$-n-valerate in amenorrhea & climacteric disord. (Sp) 53359

estradiol-17$\beta$-n-valerate in metrorrhagia, with hydroxyprogesterone 21870

estradiol valerate-norethisterone - norethisterone enanthate prep. in menorrhagia & metrorrhagia (Ger) 23228

estradiol-17$\beta$ n-valerate ther. of menorrhagia & metrorrhagia, with hydroxyprogesterone caproate 3980

hypertension, with calcium & testosterone 211

in pregn. with diabetes mellitus 13218

## ESTROGENS

***see also*** DIETHYLSTILBESTROL

***see also*** ESTRADIOL

***see also*** STILBENES

activity of plant Levisticum officinale (Sp) 49418

estrogenic activity of bioflavonoids (Af) 54503

estrogenic activity of margosa oil & its fractions 16330

17$\alpha$-ethinyl-5(10)-estren-17$\beta$-ol-3-one on ovulation in hens (It) 48121

hyperfolliculinism, eff. on thyroid funct. (It) 39349

hyperfolliculinism, with bilateral cystic dis. of breast, case report (It) 8801

intradermoreaction in determ. of ovulation time & diag. of menstruation disord. (It) 44836

pacemaker action in reproductive processes, review 49509

review (Ger) 51277

1, 1, 2-triphenyl-2-bromoethylene & deriv., synthesis & testing for activity (Fr) 26307

use in feeding of fowl & cattle, preliminary exper. (Ger) 22839

17$\alpha$-vinyl-5(10)-estren-17$\beta$-ol-3-one, synthesis & biol. activity in rabbits & rats (It) 48122

***antagonists***

1-(p-3-diethylaminoethoxyphenyl)-1-phenyl-2-p-anisylethanol, eff. on electrolyte balance in women 12413

dimethylstilbestrol 17231

non-steroidal ethanol deriv., exper. eff. in mice 3416

***determination***

after incubation with mammalian tissue, technic (Ger) 35115

estrogenic residues in edible tissues of beef & chickens fattened with stilbestrol & other estrogens, assay using mouse uterus 39202

in cold-prepared placenta extract (Ger) 21618

vaginal smear method (Rus) 45220

***effects***

anti-progestational activity in rabbit endometrium 31442

estriol on secretion of uterine cervix (Ger) 3744

estrone, on adrenal cortex hormone secretion in dogs & cats (Ger) 49286

estrone, on cadaverinolytic activity in vitro of blood of pregn. women (It) 29639

estrone, on creatine metab. in normal & vitamin-deficient rats (It) 25646

estrone on incidence of congen. abnorm. caused by maternal vitamin E defic. in rats 49267

estrone on oxidation in rats (Ger) 49329

estrone on response of castrated male rat to testosterone 15600

estrone, on thyroid uptake & renal clearance of radioiodine & thyroxin synthesis, in normal & adrenalectomized rats (It) 3863

ethinyl estradiol, on vaginal cytol. & endometrial biopsy of ovariectomized women (Fr) 26214

17$\alpha$-ethinyl-5(10)-estren-17$\beta$-ol-3-one & deriv., biol. activities 13192

17$\alpha$-ethinyl-5(10)-estren-17-ol-3-one, contraceptive eff. tested by Family Planning Assoc. in Puerto Rico 43709

17$\alpha$-ethinyl-5(10)-estren-17$\beta$-ol-3-one, histochem. eff. on human endometrium 13202

17$\alpha$-ethinyl-5(10)-estren-17$\beta$-ol-3-one on endometrium in infertile women 13204

17$\alpha$-ethinyl-5(10)-estren-17$\beta$-ol-3-one on reproductive processes in women 13207

17$\alpha$-ethinyl-5(10)-estren-17$\beta$-ol-3-one on reproductive system in human males 13205

17$\alpha$-ethyl-4(5)-estren-17$\alpha$-ol-3-one, growth stimulation by increased protein anabolism 2237

17$\alpha$-ethyl-4(5)-estren-17$\beta$-ol-3-one on exper. arrhythmias & on pressure & heart rate 5744

histamine-estrogen-progesterone complex on decidual cell reaction & ovum implantation 17243

induction of breast hyperplasia, with pituitary suspension in rats (Rus) 31158

induction of cancer in mouse in combination with acid diet (Fr) 38675

induction of intermediate pituitary lobe hyperplasia, eff. on neurosecretion & proliferation into neurohypophysis in hamster (Fr) 26699

induction of leukocyte emigration into uterus, mechanism 5651

induction of mouse mammary tumor susceptibility of agent-free inbred mice & their F 1 hybrids 17783

intrasplenic inject. of estrogen in oil suspension causing hypersplenism in rabbits (It) 32597

mechanism of action 8636

methallenestril on postmenopausal endometrium & vaginal epithelium 26146

on anterior pituitary cytol. in rats (Ger) 3431

on blood calcium partition & binding in rooster 15810

on cytol. of anterior pituitary in rats, with cortisone (Hun) 41627

on fluid absorp. & growth of rat uterus, comparison of different cpds. 49268

on glucose metab. & adrenocortical secretion in vitro after in vivo admin. in rat 39190

on glycogen form. in rabbit uterus (Ger) 3939

on growth of dwarf beef cattle 13733

on interstitial cell stimulating hormone content of pituitary of male rats 304

on ovarian cocarboxylase & coenzyme A (It) 37345

on phosphorus & calcium metab., review (Fr) 25098

on radiophosphorus incorporation in uterus of castrated rats (It) 13986

on thyroid gland in castrated rats 11751

on urinary excretion of androgens in cancer of prostate 55030

on uropepsin elimination in normal subjects (It) 1507

on uterine blood flow in ovariectomized rats 17038

on vitamin B content of hen's eggs (Fr) 25523

***in blood***

determ. in pregn. women at term & during delivery (Fr) 26669

maternal & fetal levels at birth 29002

simultaneous determ. in mother & fetus, comparative levels (Fr) 15124

sodium estrone sulfate distribution between erythrocytes & blood proteins 12497

***in urine***

activity in pregn. urine not accounted for by estradiol, estrone & estriol 301

changes in urine stored for long period 52422

determ., modified Kober reaction & colorimetry (Ger) 27902

during menstrual cycle 40802

eff. of ACTH in ovariectomized women 17043

$\Delta$ 1, 3, 5-estratriene-3$\beta$, 16$\beta$-diol-17-one & $\Delta$1, 3, 5-estratriene-3$\beta$, 17$\beta$-diol-16-one in pregn., isolation 13739

$\Delta$5, 7, 9-estratrienol-3-one-17 in pregn. mare urine 29816

estriol & estrone, determ. in human urine extracts, comparison with analysis of estradiol 28246

estriol, simplified method for routine measurement 17044

excretion during menstrual cycle, relation to cornification of vaginal epithelium 50520

excretion in boars 35101

excretion in newborn male & female calves 35100

hydrolysis of conjugated estrone, estradiol-17$\beta$ & estriol in human urine 40803

in breast cancer 51132

in cancer of gastrointestinal system 15723

in cancer of lung 15722

in metrorrhagia during androgen ther. (Rus) 13123

in myocardial infarct, determ. & etiol. relations 21934

in postmenopausal & ovariectomized women, eff. of follicle stimulating hormone 16561

in precocious puberty (Sp) 8689

in precocious puberty in girls 1402

in virilizing adrenal adenoma, increased levels 40671

isolation by paper chromatography (Hun) 28791

quantitative fluorometric determ. of estrogens isolated by paper chromatography (Hun) 28792

separation of mixtures of estrogens in urinary extracts by gradient elution chromatography 19556

*injurious effects*

gynecomastia in men processing estrogens, ther., androgens (Fr) 32009

*metabolism*

amniotic fluid, determ. in normal pregn. & polyhydramnios (It) 24954

biosynthesis by perfused stallion testis 40532

chem. identity of estrogens in left ovary of chick embryo using castrate rat bioassay (Fr) 38689

Δ1, 3, 5-estratriene-3β, 16α-diol-17-one & Δ1, 3, 5-estratriene-3β, 17β-diol-16-one reduction by human liver slices (Ger) 27899

Δ1, 3, 5-estratriene-3β-ol-16, 17-dione in human liver slices 42965

1, 3, 5-estratriene-3β-ol-16, 17-dione in normal human liver & ovaries (Ger) 46595

estriol form. from 5-androstene-3β, 16α, 17β-triol by human placenta in vitro 3428

estriol form. from estradiol in isolated rat liver 47960

estriol form. from estradiol labeled in C16-position in fetal liver slices 37116

in normal & pathol. pregn., determ. & progn. value (Fr) 53404

in pregn. 12412

inactivation by rat liver in vitro, eff. of castration & estrogen loading (Ger) 23634

liver from fetal, newborn & adult rats, in vitro inactivation 12514

2-methoxyestriol as metabolite of estradiol 13410

prostate, eff. of diethylstilbestrol diphosphate concentration in prostate tissue 55031

regulation by spleen (It) 54261

transform. of testosterone into estrogens in postmenopausal female (Fr) 36063

transplacental transfer of conjugated & unconjugated estrogens in guinea pigs, comparison 4869

*physiology*

body estrogen levels, role in transport of ova transplanted into ovariectomized rabbits 54542

eff. of progesterone, in men & in women after menopause or hysterectomy (Fr) 15094

in climacteric, determ. by vaginal smear 16304

in etiol. of menorrhagia & metrorrhagia (Fr) 25092

placental clearance as placental funct. test 12415

role of estrogens as cofactors of placental diphosphopyridine nucleotide isocitric dehydrogenase-pyridine nucleotide transhydrogenase system, structural specificity 4747

role in etiol. of endometrial cancers, review 35088

stimulating action on breast growth, influence of general metab. action of pituitary hormones 53470

*preparation of*

estrone-protein conjugate, method 14623

*therapeutic use*

amenorrhea, eff. on urinary pituitary gonadotropins (It) 44280

arteriosclerosis, eff. on serum cholesterol & lipoproteins, review 49932

cancer of breast (Fr) 33425

cancer of prostate in aged, followed by aplastic anemia (Fr) 9176

conjugated, in epistaxis (Nor) 54971

conjugated in precp. & postop. control of urogenital hemorrh. 51599

4, 4-diethylamino-ethoxy-hexestrol in coronary dis. (Ger) 51808

equine estrogen-lutotrin prep. in climacteric disord. 10250

estriol inhib. of lactation for ther. purposes (Sw) 10187

estrogen & progesterone in crystal form in amenorrhea & hypomenorrhea, eff. of crystal size on estrin withdrawal hemorrh. (Ger) 27699

estrogen-androgen prep. in inhib. of postpartum lactation 40304, 40305

estrogen-androgen-thyroid prep. in dis. of aged, eff. on nitrogen balance 53359

estrogen-antibact. suppositories in atrophic vulvovaginitis 3775

ethinyl estradiol in plasma cell myeloma (Ger) 39877

ethinyl estradiol in xanthoma in inf., with methyltestosterone & desoxycorticosterone glucoside (Ger) 38855

ethinyl estradiol-methyltestosterone-reserpine prep. in female climacteric compl. (Sp) 20620

ethinyl estradiol-norethisterone prep. in menstruation disord. (Ger) 54342

17α-ethinyl-5(10)-estren-17β-ol-3-one in gyn. disord. & pregn. compl. 13213

17α-ethinyl-5(10)-estren-17β-ol-3-one in menstruation disord., comparison with progesterone & its deriv. 13208

gyn. disord. 27786

Hand-Schüller-Christian synd., with ACTH & cortisone, report of case with disappearance of bone lesions 50435

in GP (Fr) 10673

male pseudohermaphroditism, after removal of immature testes (Fr) 36057

menorrhagia & metrorrhagia, with progesterone, depot prep. (Ger) 18993

17α-methyl-5(10)-estrene-17β-ol-3-one in cancer of prostate (Dut) 29979

neurosis in female climacteric (Rus) 46818

uterine prolapse 4462

**ESTRUS CYCLE**

*see also* **MENSTRUATION**

*see also* **OVULATION**

cornual fluids of rats in heat, electrophoretic properties 49499

eff. on alkaline phosphomonoesterase activity in ovarian follicle in goats (It) 37161

ovarian sensitivity changes to pituitary gonadotropins during cycle (Fr) 26877

pH values of reproductive tract fluids of rat during heat 49483

*effect of drugs on*

17α-ethyl-4(5)-estren-17β-ol-3-one (Ger) 54343

17α-(2-methallyl)-19-nortestosterone, oral progestational agent 15596

stilbene analogs, eff. of intravaginal admin. on vaginal estrus smear reaction in castrated rats & mice 36583

vitamin A assay by modified anti-estrus test in rats (Ger) 45844

*metabolism*

radiophosphorus incorporation into various organs of genital tract during cycle in rats, radioautographic determ. (It) 13955

*physiology*

anestrus in mice caged in groups isolated from males, mechanism 50525

anti-progestational activity of estrogens in rabbit endometrium 31442

comparison in various strains of mice 49234

eff. of decortication & prolonged chlorpromazine admin. in rats (Hun) 28793

eff. of presence or absence of male mice on duration of estrus, vaginal cytol. 17236

eff. of semicastration in rats (Ger) 29889

eff. on higher nerv. activity in dogs & monkeys (Rus) 49564

histol. of hypothalamic nuclei during different phases of cycle in rats (It) 13950

mammary epithelial mitosis in various stages of sexual cycle in mice (Rus) 37190

relation of vitamin A to histol. aspects of cycle in mice & rats (Ger) 45845

uterine epithelial mitosis in mice (Rus) 48024

uterine epithelium structure in estrus mice, electron microscopy 5910

***ETAMON* see TETRAETHYLAMMONIUM**

***ETHANOL* see ALCOHOL, ETHYL**

**ETHER, ETHYL**

abreaction by ether inhalation as a psychother. technic 24067

blood cholesterol determ., agitation technic (It) 13988

ether peroxide form. & decomposition in soda lime absorber & relation to flammability of mixtures 966

1, 1, 1-trifluoro-2-bromo-2-chlorethane-ethyl ether as azeotropic mixture 14567

1, 1, 1-trifluoro-2-bromo-2-chlorethane-ethyl ether mixture, properties 14568

vaporization in copper kettle vaporizer 962

*anesthesia and analgesia*

concentration in inspired mixture in relation to blood levels & flammability of mixture 957

eff. of hypocapnia on develop. of ether anesth. in dog 47335

eff. on response of blood pressure to stimulation of central end of pneumogastric, in dogs, comparison with various anesth. (Fr) 38725

ether-inaction combination, evaluation as short-term anesth. (Ger) 11036

ether-morphine anesth. in surg. of gunshot wds. of intestines in acute radiation sickness in dogs (Rus) 10886

in cesarean section, with oxygen, maternal & fetal mortal. statist. (Pol) 39631

in open-heart surg., eff. on EEG patterns 34981

mixture with chloroform & ethyl chloride, toxicol. research (Fr) 51062

*effects*

ether narcosis in pregn. mice on embryo develop. 23548

exper. convulsions, relation to fat embolism 19801

induction of convulsions in cat & monkey, eff. on cerebellum 27321

on ACTH in blood 39200

on tissue distribution & metab. of pentobarbital in rats 24758

*in blood*

postmortem blood ether concentrations in over-anesthetized dogs (Hun) 41612

postmortem determ., eff. of overanesth. in dogs (Ger) 27133

*poisoning*

exper., acute & chronic, anatomicopathol. (It) 8598

*preparation of*

pure ether, method & appar. for continuous prod. (Fr) 8310

*related compounds*

dichloroethyl ether & chlordan pesticide causing local irritation & anxiety hysteria 18729

*therapeutic use*

ether-oxygen mixture in intestinal parasitic dis., comparison with oxygen & nitrous oxide (Fr) 24298

**ETHERS**

benzyl ethers of sugars, prep. & properties 46788

α-halogenated ethers & thioethers, products of reactions with cyclic β-ketocarboxylic acid esters (Ger) 47670

hydroquinone-dimethylether reactions with lead tetra-acetate (Ger) 13358

*anesthesia and analgesia*

d,vinyl ether anesth. with belladonna-plexonal premedication in adenotonsillectomy (It) 42750

ethyl vinyl ether in labor 12975

trifluorethylvinyl ether, eff. on serum glutamic oxalacetic transaminase 12973

vinyl ether, indic., contraindic. & compl. (Fr) 54023

*determination*

methyl ethers of inositols in various plants (Fr) 48808

*effects*

aliphatic & aromatic amino ethers on duration of drug-induced sleep, relation of chem. structure to central eff. (Fr) 24748

*therapeutic use*

carbetapentane in cough ther. & cough prev. in bronchoscopy & bronchography (It) 11821

epilin in epilation & ther. of fungus dis. of scalp (Rus) 22503

2-trimethylamino-1, 2-diphenyl-diethylether bromide, antitussive eff. (Fr) 48921

*toxicity*

anethole tox., comparison with p-propylanisole (Fr) 38710

**ETHICS**

interdependence of good conduct & good health 50899

psychol. aspects 12627

sociol. value of truth (Fr) 51145

**ETHICS, MEDICAL**

27789

deontol. aspects of surg. wards (Rus) 33198

ethical factors in use of new drugs 20503

ethics for physician's wife 41020

experimentation in man, review 50179

first chair of med. deontol. (Sp) 51666

in consultations, conduct of referring physician & consultant 6537

in Hungary, compliance with decrees of Ministry of Health concerning unethical practices (Hun) 30033

in neurosurg. (Ger) 23807

med. etiquette 54855

med. ethics & etiquette, principles of AMA 18801

misjudgement & false prognoses (Ger) 30625

moral responsibility of physicians using hypnosis 39970

physician's professional calling, relation to official attitude (Ger) 22960

physician's responsibility in treatment of diabetics (Ger) 51815

problems in castration (Ger) 11121

professional ethics, relation to certain trade habits among physicians (Fin) 54648

professional, legal aspects 51544

professional secrecy (Ger) 18961

professional secrecy in protection of patients (Ger) 42932

professional secrecy in Switz. (Fr) 43841

professional secrecy, medicolegal aspects (Fr) 14327

professional secrecy of pub. health officer (Ger) 43312, 43313

professional secrecy, relation to driver licensing (Ger) 18984

quality of present-day med. practice compared with Hippocrates' teachings (Fr) 44693

responsibility of physician in selecting treatment rather than euthanasia for cancer patients (Por) 35964

symposium (Sp) 21787

**ETHIONINE**

***effects***

on chick embryos 4980

on complement titer, blood proteins & lipids & pathol. in rabbits & guinea pigs on high cholesterol diet 40905

on cortisone-induced stimulation of tryptophan peroxidase-oxidase activity in rat liver 49265

on Ehrlich carcinoma & Ehrlich ascites carcinoma, with 2-thio-5-methylcytosine & aminopterin (Ger) 6106

on fibroblasts in vitro, mitotic & cytol. changes 3497

on glucose-6-phosphatase adaptation in rats, eff. of dietary ratio of ethionine & methione 28236

on liver regen. in rat 35810

on myocardial cholesterol, glycogen & phosphatide levels in rats (It) 1915

on protein biosynthesis in rat liver, sex differences in inhib. 4756

***toxicity***

chem. pathol. of lesions produced by ethionine 34941

induction of fatty liver after oral admin., eff. of oral anti-fatty liver factor of pancreas, lipocaic & trypsin in rats 16294

induction of liver carcinoma in rats, prev. by methionine 26474

liver interstitial cell proliferation in rats, influence of cortisone & somatotropin 31285

**ETHMOID BONE**

***diseases***

osteitis, possible etiol. role in aplasia of frontal sinus (Fr) 41389

***neoplasms***

hemangiolymphangioma (Rus) 10779

perithelioma (It) 25714

radical en bloc ethmoidectomy 54745

**ETHMOID SINUS**

***diseases***

rhinoscleroma with involvement of maxillary sinus & orbit, case report 38393

sinusitis in child. 45091

***neoplasms***

benign bleeding tumors, surg. (Fr) 1010

with intracranial involvement, angiography (Fr) 35422

***wounds and injuries***

disruption, neurosurg. 18478

**ETHNOLOGY**

adapting ther. diets to eating patterns of Italian-Americans 24378

Arab national character, psychopathol. aspects 20850

Australian aboriginal, future 42118

clotting factors in various ethnic groups in Israel (Heb) 27772

hand clasping in different ethnic groups 49978

racial awareness, develop. in young child. 2838

racial groups in So. Africa, study of soc. perception in 26077

Rungus Dusun tribe of Borneo, ethnol. data 41458

***ETHYL ALCOHOL see*** **ALCOHOL, ETHYL**

***ETHYL AMINOBENZOATE see*** **AMINOBENZOATES**

**ETHYL BISCOUMACETATE**

***therapeutic use***

chronic arteriosclerotic peripheral arteriopathy (Sp) 8681

myocardial infarct. 4439

myocardial infarct (Rus) 18292

**ETHYL CHLORIDE**

***anesthesia and analgesia***

in pedodontia (It) 51964

mixture with chloroform & ethyl ether, toxicol. research (Fr) 51062

***effects***

on develop. of adrenalin-induced auric, fibrill. in animals (Rus) 52977

***related compounds***

1,2-dichloroethane-carbon tetrachloride pois., clin. manifest. & histopathol. in fatal case (It) 3594

1,2-dichloroethane - carbon tetrachloride prep., eff. on cardiovasc. system in intact rabbit & on heart-lung prep. (It) 27467

dichloroethane, eff. on blood phosphatase level in rabbits (Rus) 33327

1,2-dichloroethane pois. by drinking liniment (Ger) 15312

1,2-dichloroethane with carbon tetrachloride causing exper. pois. in rabbits, hemodynamic & ECG eff. on heart-lung prep. (It) 37437

ethylene chloride pois., clin. picture (Rus) 45195

1,1,2-trichloro-1,2,2-trifluoroethane purification of vaccinia virus, cytochem. & electron microscopic analysis 14094

***therapeutic use***

intercostal neuralgia & lumbosacral radiculitis (Rus) 28833

**ETHYLAMINES**

***see also*** **ETHYLENEDIAMINES**

***see also*** **MERCAPTOETHYLAMINES**

***see also*** **PHENYLETHYLAMINES**

aminoethylphosphoryl choline & β-aminoethyl phosphate protective eff. against phenol inhib. of Saccharomyces cerevisiae (It) 39318

diethylaminoethoxyethyl α,α-diethylphenylacetic acid, determ. of citrate salt alone & in pharmaceutical prep. (It) 3537

1-substituted thiocarbamyl-ethylene-imines, synthesis & conversion into N-substituted deriv. of 2-amino-2-thiazoline (Ger) 13369

**ETHYLENE**

eff. of 2,4-dinitrophenol 48446

***related compounds***

diethylene dioxide shrinkage of tissue, comparison with ethyl alcohol & xylene shrinkage in histol. 54581

1,1,2-triphenyl-2-bromoethylene & deriv., testing for estrogenic activity (Fr) 26307

***ETHYLENE GLYCOL see*** **GLYCOLS**

**ETHYLENE OXIDE**

as method of sterilization 12365

in sterilization of anesth. ampuls, method 965

in sterilization of med. instruments (Ger) 6733

portable ethylene oxide sterilizer in ophth. 47030

***injurious effects***

bullous dermatitis (Rus) 45650

**ETHYLENEDIAMINES**

***see also*** **AMINOPHYLLINE**

***see also*** **ANTIHISTAMINICS**

***see also*** **EDATHAMIL**

hexamethylenediamine causing occup. eczema, conjunctivitis & other disord. (It) 51654

reaction with epinephrine, measurement of fluorescence (Fr) 48464

***ETHYLENEDIAMINETETRAACETIC ACID see*** **EDATHAMIL**

***ETHYLMETHYLGLUTARIMIDE see*** **ANALEPTICS**

**ETHYLMORPHINE**

***effects***

on peripheral blood vessels, reactivity in hypertension (Pol) 30807

on peripheral blood vessels, reactivity in peptic ulcer (Pol) 30866

on tuberculin reaction, inhib. eff. (Ger) 34037

***therapeutic use***

severe cough in polm. tuberc., iontophoresis (Bul) 32799

***ETHYLPHENYLGLUTARIMIDE see*** **HYPNOTICS AND SEDATIVES**

**EUCALYPTUS**

***effects***

on Micrococcus pyogenes & Salmonella paratyphi oxygen requirement & succinic dehydrogenase (Uk) 29553

viminalis, on influenza virus (Rus) 36359

**EUGENICS**

***see also*** **HEREDITY**

induced abortion based on eugenic indic. (Ger) 42358

psychiatric eugenics, review 47148

rationalization for eugenics (Sp) 31880

**EUGENOL**

***effects***

protective eff. against histamine-induced peptic ulcers in guinea pigs 40070

**EUNUCHOIDISM**

manifest. & diag. 48594

personality & sexual activity, case reports (Cz) 38345

physiopathol., clin. aspects & ther., review (It) 3849

***blood in***

androgenic pattern of lipids & lipoproteins in response to chorionic gonadotropins in male hypogonadism 17028

***case reports***

primary gonadal dysplasias in subjects with feminine behavior (Fr) 9038

***complications***

enuresis, sex hormone ther. (Ger) 19418

pituitary tumor with acromegaly in patient with myotonia atrophica 30203

psychic disord. (Ger) 25372

thyroid disord. with hypogonadism in CNS disord. 35138

***diagnosis***

technics (Fr) 44705

testicular biopsy (Fr) 44703

testicular biopsy (Nor) 52724

***heredity***

(Ger) 34219

***therapy***

methyltestosterone, unusual case with successful pregn. in wife (Cz) 38276

**EUSTACHIAN TUBE**

catheterization, hist. (It) 13505

patency test with plethysmograph (Ger) 49825

***anatomy and histology***

in domestic mammals (Fr) 13072

***blood supply***

vasc. cond. for pneumatic funct. in guinea pigs (Ger) 25337

***diseases***

catarrh, transudates & obstruct., ther., corticone trans-tympanic inject. (Fr) 29238

otosalpingitis, relation to mastoid pneumatization 35290

tubotympanitis, microbiol. & protein-bound carbohydrates in effusions 1191

***function tests***

Toynbee's exper. in normal individuals 35337

tubal funct. & measurement of middle ear pressure in pressure chamber 35338

***stenosis***

in mutilating inj. of facial bones, causing partial deafness (It) 39697

with hearing loss in malocclusion in Costen's synd., audio-prosth. management 11721

**EUTHANASIA**

magnesium sulfate for euthanasia in dogs 4616

responsibility of physician in selecting treatment rather than euthanasia for cancer patients (Por) 35964

**EVOLUTION**

advancement of man into new environmental situations, biol. & genetic aspects 1157

contribution of James B. Monboddo 28392

contribution of Alfred R. Wallace 54431

contribution of Alfred R. Wallace & his assoc. with Darwin 6211

evolutionary theory of brain dis., review 30487

origin of human types 49981

relation of sex to human evolution 45069

Scopes trial 54429

***EWING SARCOMA see*** **SARCOMA, EWING'S**

***EWING TUMOR see*** **SARCOMA, EWING'S**

**EXANTHEMA SUBITUM**

***complications***

encephalitis, case report (Fr) 32396

3 day fever, causing convulsions (Fr) 43810

**EXERCISE**

***see also*** **ATHLETICS**

adrenal adaptation in phys. exertion, review (Dut) 102

anaerobic metab. during mild musc. exercise, eff. of asympt. heart dis. 17069

anaerobic metab. during mild musc. exercise in normals & in congestive heart failure patients 17068

cardiac funct. evaluation in relation to specific phys. activities after recovery from acute infarction, review 53574

effort tolerance in heart & lung dis. 18406

exercise tolerance tests, review 6156

factors influencing resp. during heavy exercise 40685

hemodynamic eff. of cardiac glycosides on normal humans during exercise 16825

in cardiovasc. dis., patient-physician coambulation, diag. value 10438

local regulation of peripheral circ. during musc. work, review (Fr) 177

musc. action & joint excursion analysis in stationary bicycle exercise 50377

neurohumoral theory of regulation of resp. during exercise (Fr) 48835

pulm. ventilation & eff. of oxygen breathing during heavy exercise 12027

role of lack of exercise in develop. of coronary dis. 2512

two-handed pulls, analysis using free body diagrams 18834

ventilation regulation during musc. exercise, role of hyperthermia in man (Fr) 21281

*effects*

heavy & exhaustive exercise on oxygen & carbon dioxide tensions of arterial blood 46690

heavy exercise on renal concentration mechanism in hydropenic men 50450

hyperventilation in pulm. emphysema, comparison with normal subjects (Ger) 28946

on acid base equilibrium (Fr) 38755

on alveolar air composition & resp. dead space (It) 1905

on blood cells (Fr) 180

on blood circ. of leg in arteriosclerosis obliterans & in healthy subjects 46507

on blood enzyme activity & substrate concentration (Ger) 12070

on blood histamine levels & leukocyte count in man, correlation 44895

on blood lactic acid after admn. of antiacids (Ger) 51841

on blood lactic acid, potassium & sodium levels in rats 14625

on blood lipids in military personnel 19140

on blood sugar (Fr) 15158

on blood supply of spinal cord 41861

on blood vessels of spinal cord in mouse 25978

on ECG (Fr) 35027

on ECG in young & healthy subjects (Fr) 183

on erythrocyte count, hematocrit & hemoglobin levels (Fr) 26712

on exper. arteriosclerosis (Rus) 48006

on food selectivity in rats (Cz) 48639

on glucose uptake in rats & men 4673

on glutathione metab. in rats (Ger) 30498

on heart funct. in maximal ergometric performances of untrained persons (Ger) 28045

on heart nyctohemeral rhythm in normal subjects (Fr) 26834

on heart roentgenkymography (Rus) 10801

on heart volume 35178

on hemodynamic indices in silicosis (Rus) 33256

on hemoglobin concentration, relation to oxygen saturation 505

on jugular & renal arterio-venous oxygen content difference in heart dis. 38619

on kidneys 14324

on metab., ergostatic determ. (Ger) 30573

on metab. in white mice (Cz) 38214

on number of myofibrils per fiber in rat musc. 12409

on nyctohemeral rhythm of water exchange response to heat (Fr) 48900

on oxygen consumption, measurement of maximum consumption (It) 1906

on potassium & sodium metab. in heart & skeletal musc. (Ger) 28049

on proteins in urine, electrophoretic analysis 4668

on renal funct., review (Fr) 181

on resp. in mitral stenosis (Fr) 9009

on resp. in mitral valve dis. 35179

on urinary 17-hydroxycorticosteroids & uropepsin in peptic ulcer 576

on ventilatory responses in normal, in thyroidectomized & in thyroxin-treated rats 12523

overexertion, on musc. structure (Rus) 33304

oxygen debt develop. during exercise in man, kinetics (R) 1907

[illegible] funct. during exertion, review (Fr) 176

running on musc. morphol. in dogs (Rus) 47885

strenuous exercise in hot environment 16827

supine leg exercise on blood flow in resting arm 38618

## EXERCISE THERAPY

application of overload principle to musc. train., review 24605

develop. of bilateral musc. strength through ipsilateral exercise 20334

in school health programs (Fr) 21583

movement activation in management of skeletal metastatic cancer 4509

postop. in extensive knee surg., case report 8020

stand-up & step-up exercises in rehabil. 48759

trick-movements in knee-extensions 20361

underwater exercise ther., mechanism of action (Ger) 3244

*in various diseases*

backache in pregn., manipulation procedure 43302

cardiovasc. dis. (Rus) 33491

cerebral palsy (Sp) 15507

coronary dis. (Ger) 46034

coxarthrosis (Fr) 35279

deviations of spine in school child., school health programs (Fr) 21584

dysmenorrhea, group exercises in schools 656

frozen shoulder, technics of early mobilization 14556

hemiplegia, technics of proprioceptive neuromusc. facilitation 20376

lumbar neuralgia, vertebral exercise (Fr) 15190

modified progressive resist. exercise in prolonged quadriceps insuff. 43620

myocardial infarct, reaction to regulated program (Rus) 18296

neurocirc. asthenia (Ger) 12053

obesity 37704

osteoarticular tuberc. in child. (Rus) 31226

paralysis in polio. (Ger) 6016

paraplegia, use of push-up chair (Sw) 43215

pelvis fract. (Rus) 43420

phys. conditioning program for asthmatic child. 28145

polio., facilitation technics in movement rehabil. 20378

post-traum. rigidity of knee (It) 9347

postural & other defects in child. (Ser) 27858

postural defects (Pol) 38469

postural defects in school child. (Rus) 7923

resp. insuff. in child. (Fr) 21578

rheum. arthritis 41786, 47898, 48761

rheum. arthritis (Sw) 45330

scoliosis (Pol) 38470

shoulder disloc., postop. rehabil. programs 20362, 36291

Sudeck's atrophy (Ger) 23100

tuberc., pulm., pre- & postop. with pleurectomy, eff. on resp. funct. (Fr) 21333

## EXHIBITS

clin. application of new flexible knitted dacron arterial substitute 11803

exhibit about John Jacob Abel 2341

on chemopallidectomy & chemothalamectomy for paralysis agitans & involuntary movements of child. 8139

ophthalmol. appar. & instruments in Germany (Rus) 33518

preserv. of gross specimens in color by Mueller antimony trioxide method 10215

pub. health & med. exhibit at Brussels World Fair 44275

Soviet Health Serv. as seen in Soviet Pavilion at 1958 Brussels World Fair 53843

***EXODONTIA** see* **TEETH EXTRACTION**

***EXOPHTHALMIC GOITER** see* **HYPERTHYROIDISM**

## EXOPHTHALMOS

*case reports*

post-traum. pulsating exophthalmos (Fr) 26365

progressive exophthalmos 12 years after thyroidectomy for hyperthyroidism 13170

progressive, unusual 51156

pulsating exophthalmos 38407

synd. of exophthalmos, hypertrophic osteoarthropathy & localized myxedema 47517

*complications*

myositis, ocular (Ger) 51249

*etiology and pathogenesis*

bilateral, caused by carotid-cavernous fistula (Fr) 19772

brain dis. (Rus) 28807

endocrine exophthalmos, pathogen. & ther. 51336

infratemporal subdural hematoma 46466

malignant caused by encephalitis, pathogen. (Rus) 21884

neurofibromatosis causing exophthalmos with orbital defect, case report (Fr) 6332

Pourfour du Petit's synd. after pulm. tuberc., review & case report (Sp) 43898

*experimental*

hydrophilia of orbital connective tissue 47038

induction in fish by androgens 17237

*in infant and child*

unilateral 28648

*manifestations*

clin. (Ser) 51701

ocular rigidity 26067

*surgery*

Krönlein-Kocher operation (Dut) 43067

*therapy*

diencephalo-pituitary x-irradiation (It) 31651

## EXOSTOSES

*see also* **OSTEOMA**

ischium, causing sciatica (Ger) 34258

toes, subungual (Ser) 10921

## EXOSTOSES, MULTIPLE

clin. & x-ray pathol. aspects (Ser) 23682

*case reports*

familial diaphyseal exostosis & enostosis (Rus) 43416

with left. pulm. hypoplasia (Fr) 28360

## EXPECTORANTS

*see also* **AMMONIUM CHLORIDE**

*see also* **IODIDES**

*see also* **IPECAC**

*therapeutic use*

ouspulmin in heart dis., with hyphylline (It) 39503

pinimenthol ointment in bronchial & lung dis. in child. (Ger) 29457

## EXPEDITIONS

Royal Society Internat. Geophys. Year expedition to Antarctic 18883

## EXPERT TESTIMONY

as physician's responsibility 17678

impartial testimony 4455

in indust. accid. disability certification, medicolegal factors (Fr) 44775

in military case of self-mutilation (Ser) 45910

in professional liability suits, advisory panel of physicians for furnishing expert testimony 38165

legal-psychiatric, object & problems (Bul) 32761

med. (Ger) 49045

med. (Heb) 27774

of physicians in pension withdrawals (Ger) 18340

of psychiatrists in criminal trials, problems concerning M'Naghten rule 24615

on accidents, review (Ger) 52224

on asthma as seq. to accid. (Ger) 42883

on benzene pois. (Ger) 38912

on bronchial dis., value of resp. resist. determ. (Ger) 51037

on delayed diag. of pulm. tuberc. with cavity form. (Ger) 10550

on eff. of cancer on work capacity (Ger) 12079

on fundus changes in electric ophthalmia (Ger) 11146

on furunculosis after burns (Ger) 19018

on hearing disord. caused by noise (Ger) 49033, 49044

on hypertension in kidney dis. (Ger) 11330

on incubation time of occup. pulm. tuberc. (Ger) 11368

on indirect heart inj. (Ger) 49095

on lead pois., value of blood & urine lead & porphyrin determ. (Ger) 33827

on liability of surgeon for mistakes of nurse assistant (Ger) 29018

on occup. skin dis. (Ger) 43034, 43036

on otorhinolaryngol. dis. in armed forces personnel in Germany (Ger) 11359

on paternity determ. by blood group (Ger) 27150

on postop. compl. caused by errors in diag. (Rus) 18328

on progressive sound perception deafness after cervical spine inj. (Ger) 3949

on pulm. tuberc. as occup. dis. (Ger) 10557

on pulm. tuberc. in military personnel with demonstrable preinfect. (Ger) 42294

on pulm. tuberc., value of lung funct. determ. for assessment of resp. impairment (Ger) 10547

on radiation inj. (Ger) 22866

on radiation inj. to skin (Ger) 22895

on skin dis. (Ger) 22978

on traum. pulm. tuberc. (Ger) 22043

on tuberc. as occup. dis. (Ger) 11149

on x-ray determ. of time of origin of deafness (Ger) 19373

requirement of expert witness to have practice in same or similar community 42161

## EXPLOSIONS

blast inj. in rabbits, eff. on heart output in early phase 757

exper. blast inj. in rabbits, electrophoretic analysis of blood proteins 12016



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

hazards in pressure containers in acrylic plant (Ger) 46315

in anesth. room & operating rooms due to electric equipment & static electricity sparks (Fr) 48944

***EXTRACELLULAR FLUIDS** see* **BODY FLUIDS**

**EXTRAPYRAMIDAL TRACTS**

***diseases***

surg., electropallidoansotomy 19767

ther., diethazine (Rus) 23839

***effect of drugs on***

chlorpromazine & reserpine ther. causing motor disord. & other extrapyramidal sympt. (Fr) 49229

chlorpromazine & reserpine in ther. of ment. disord. (Ger) 25377

prochlorperazine, extrapyramidal side eff. 19867

***EXTRASENSORY PERCEPTION** see* **PARAPSYCHOLOGY**

**EXTREMITIES**

***see also* ARM**

***see also* LEG**

fascia & cellular spaces of extremities, physiol. importance (Rus) 5994

***abnormalities***

congen. with masculin pseudohermaphroditism & hypertrophy of 2nd toe, case reports (Fr) 19349

ectromelus 50986

Nievergelt synd. of multiple rheorm., case report 24792

***blood supply***

exper. ischemia, eff. on blood sugar & glycogen metab. in rats 37569

***diseases***

eruptive dermatitis in child, case report (Fr) 53372

funct. disorganiz. of left extremities in tumor of corpus callosum infiltrating hemispheres 17739

post-traum. autonomic nerv. synd., phys. ther. (Fr) 18010

purulent inflamm., intraosseous anesth. in outpatient practice (Rus) 32566

***embryology***

develop. & develop. disord. 50053

develop. of distal mesenchymal territories governed by proximal regions, exper. studies 3447

factors controlling posture & symmetry of developing forelimb in salamanders 12951

implant of embryo limb bud in anterior eye of adult rat, growth & differentiation (Fr) 3063

***gangrene***

in newborn, with thrombophilic disord. (It) 42783

pregangrene in severely ischemic limbs, arterial grafts & sympathectomy 16967

symmetrical gangrene in acquired hemolytic anemia 233

***neoplasms***

sarcoma of soft tissue, surg. indic. 23105

***radiography***

x-ray technics 11091

***surgery***

intraosseous anesth., technic (Rus) 18190

pneumatic tourniquet, value & technic of use (Dan) 22451

with polyvinylpyrrolidone, anticoalescent eff. (Ger) 38433

***transplantation***

blood supply & innerv. of vasc. scar, transplant & soft tissue in dogs (Rus) 45677

***ulcers***

trophic, of vasc. origin, ther. (Fr) 31100

***wounds and injuries***

caused by power lawn mowers, x-ray aspects & case reports 49854

surg., technic (It) 9281

***EXTREMITIES, ARTIFICIAL** see* **ARTIFICIAL LIMB**

**EXUDATES AND TRANSUDATES**

***see also* EDEMA**

acridine orange accumulation in vital exudate cells from suspected cancer patients (Ger) 49130

anti-exudative eff. of phenylbutazone & γ-ketophenylbutazone, reversal by aminopyrine (Cs) 48608

differentiation of various serous exudates by passive transfer of tuberculin allergy (Pol) 9097

etiol. diag. by determ. of lactic dehydrase, value (Fr) 39867

in serous cavities, cytol. with combined phase & fluorescent microscopy (Ger) 46146

obtention of polymorphonuclear leukocytes from intraperitoneal exudates, method 25930

polyerythrophagocytosis, a new type of phagocytosis by histiocytes of serous effusions (Fr) 21654

rapid inclusion of exudative sediment in cytodiag. of cancer (It) 52082

**EYE**

***see also* AQUEOUS HUMOR**

***see also* CONJUNCTIVA**

***see also* CORNEA**

***see also* CRYSTALLINE LENS**

***see also* INTRAOCULAR PRESSURE**

***see also* MUSCLES, OCULOMOTOR**

***see also* RETINA**

***see also* SCLERA**

***see also* VISION**

***see also* VITREOUS BODY**

acoustic & reflective properties of ocular media, findings with ultrasonic locator 24576

alkaloid eye drop admin., reinforcement by previous sodium borate infusion (Dan) 48997

anterior chamber puncture, ther. indic. (Fr) 26357

depth of anterior chamber, physiol. variations (Fr) 1470

eff. of eye position on posture 20372

exam. in recruits (Ser) 10935

exam., methods & equipment, review (Rus) 22557

exam., sedation of young Filipino child. in 7987

eye banks, funct. 26281

gonioscopy of normal eyes, review 22106

intraocular ovarian transpl., local & systemic requirement of gonadotropin for luteinization in rabbit 22067

movement deviations, recording & determ. of horizontal & vertical axes (Fr) 54092

movements in reading, visual fatigue & blink-rate statist. 796

ophthalmic solutions, prep., review 54789

ophthalmol. exam. of workers in radar stations (Rus) 45885

ovarian tissue transfer from immature rats to anterior chamber of immature male recipient rats of different strain 49475

penetration of penicillin G diethylaminoethyl ester hydriodide into tissues of eye after parenteral admin., comparison with procaine penicillin 23428

penetration of pyrimethamine into ocular tissue after intravenous inject. in rabbits 11683

penetration of soframycin after subconjunctival inject. 3095

perfusion of human eyes with latex microspheres 34912

photography, appar. & technics 16936

protection in factories (Ger) 49021

slit-lamp exam. of fundus 11695

small movements, measurement by ophthalmoscopic technic 17865

stereoscopic color photography of eye 23839

sterile ophthalmic solutions & lotions 26063

sterophotography, simplified technic 11685

value of fundus & capillary exam. as diag. technics in general med. (It) 21016

voluntary movements in relation to perceptual stability of visual world 19685

***abnormalities***

anophthalmia & microphthalmia, review (Dut) 18568

caused by rubella in pregn. 23088

exper., anti-lens sera as mutagen in rabbits 17276

Lowe synd., renal tubular funct. (Sp) 30458

microphthalmia in premature inf. caused by maternal rubella, case report (It) 42805

microphthalmia, with abnorm. of fingers (It) 13143

microphthalmia with congen. cataract, dyscephalia with bird face & other multiple deform. as new synd. 11700

microphthalmia with hered. cataract in house mouse, cytoplast exam. (Ger) 34216

microphthalmos with cystic form. & coloboma, etiol. & case report 45816

oculo-vertebral synd., differentiation from mandibulofacial dysostosis (Fr) 40871

review (Ger) 51843

shortness of eyeball (Dut) 7350

with craniofacial malform. (Fr) 7073

with radiocubital synostosis & ment. defic. (Fr) 5318

***anatomy and histology***

angle of anterior chamber, funct. histol. (Rus) 32548

compound eyes of fly Calliphora vicina, electron microscopy (Ger) 51947

fine structure of light receptors in compound eyes of insects 15714

hemispherical bodies, histol. significance 14108

pecten of bird eye (It) 37165

trabecular meshwork, develop. & structure 53539

trabecular meshwork in human eye, morphol. & pathol. 35771

***blood supply***

arterial pressure (Ger) 3292

arteriovenous anastomoses in rabbit, anat. studies (Ger) 23571

capillaritis, senile, ther., calcium ionization (Fr) 13057

circ. disord. of fundus, ther., hydergine & N,N-diethylleucinon-p-aminobenzoic acid methanesulfonate 23884

vasospasm 55052

vorticosa vein inj. in surg. in retinal detachment (Ger) 46836

***cysts***

anterior chamber, surg. (Dut) 7349

***effect of drugs on***

changes in spontaneous & evoked potentials in cat 24566

cortisone & hydrocortisone, esterase activity in cattle eye in vitro (Ger) 46843

hyaluronic acid sulfate & other mucopolysaccharides 47043

ophthalmotrophic activity of thyrotropic hormone, assay by determ. of lacrimal gland uptake of radiosulfur-labeled sulfate in guinea pigs 35136

organic silane chlorides, on rabbit eyes (Rus) 39590

***effect of radiations on***

ionizing (Bul) 41571

review 7426

review (Rus) 33517

45715

sunlight-caused inj., review (Fr) 1472

x-ray sensitivity in young axolotl 24864

***embryology***

mechanical eff. of developing eye on morphogenesis of avian cranium 720

***foreign bodies***

copper, identification by chem. means (Cs) 38308

electromagnetic extraction (Fr) 41128

fiberglas, case report 11709

metal fragments, x-ray localization (Rus) 45708

removal, new permanent magnet (Ger) 23846

steel splinters in indust. workers, prev. of hazards & removal (Sw) 45336

surg. 20578

surg., 3 to 10 year follow-up statist. 14109

thorn, case report 5174

x-ray localization, method (Cs) 14875

***hemorrhage***

anterior chamber, after cataract extraction, eff. of weather (Ger) 51263

in multiple myeloma 47068

petechial hemorrh. caused by cortisone ther. of scleritis, case report 674

postop., with choroidal detachment, surg., scleral trepanation (Ger) 51258

ther., localized diathermy in traum. hyphemia 28347

ther., Wadeworth-Todd cautery, modified technic 34925

traum. hyphema 35780

traum. hyphema, classif. & ther. 32537

***in various diseases***

acrocephaly (Fr) 28378

allergy, follicles of mucosa 39300

amyloidosis, primary familial 23431

aortic arch synd., Takayasu type (Fr) 26360

arachnodactyly (Fr) 14490

blood dis. (Rus) 22550

cancer of brain in child. 26651

decompression sickness, in cases due to explosive decompression (It) 19229

diabetes mellitus, clin. value of ophthalmol. data (It) 1107

exper. atheromatosis, histochem. of lesions in rabbit (Fr) 26356

fundus changes in vasc. dis., clin. & progn. value of exam. (Fr) 54623

fundus exam. in hypertension, correlation with clin. picture (Pol) 43654

fundus in arteriosclerosis & thromboangiitis obliterans (Pol) 30022

fundus in chronic peripheral vasc. dis. (Pol) 28051

fundus in hypertension (Rus) 9856

fundus in hypertension in child. (Ger) 51240

fundus in uveo-meningitis 37607

Hodgkin's dis. (Cs) 14836

hypercalcemia, causing deposits of calcium in eye & eyelid, role of acid secretion & resp. of eye surface 33050

hyperlipemia, idiopathic, & xanthomatosis 2094

hypertension 5250

hypertension, fundus in young subjects (Ger) 28895

hypertension, fundus manifest. 5342

hypertension, fundus, variation from arm pressure (Ger) 28895

hypertension in young subjects (Rus) 22562

hypertension, manifest. (Por) 8770 8771 8772 8773 8774 8775

hypothyroidism 692

influenza, Asian (It) 25971

kidney dis., fundus manifest. (Sp) 21195

leptospirosis (Fr) 31083

leptospirosis, incidence of involvement (Fr) 13063

lupus erythematosus, disseminated (Sp) 9739

meningeal hemorrh. (Fr) 24880

meningeal tuberc., fundus manifest., diag. value of systematic exam. in child. (Fr) 7073

meningioma of brain (It) 9395

monocular proptosis as initial sympt. of lymphatic leukemia 43171

movements in cerebellar & spinocerebellar degen. (Fr) 44728

movements in cerebellar synd. (Fr) 44737

movements in delirium tremens, photographic registration (Fr) 27029

neurofibromatosis & tuberous sclerosis (Fr) 7076

onchocerciasis, factors in pathogen. of lesions 55058

optokinetic electronystagmography in myasthenia gravis (It) 32145

parathyroid ostetitis (Fr) 44784

pemphigus (Ger) 11112

protein malnutrition, review 14475

scleroderma en coup de sabre (Ger) 28938

suprasellar tumors, significance of findings (Ger) 45956

syringomyelia (Ger) 28883

temporal arteritis, case reports (Fr) 14508

toxoplasmosis (Fr) 54618

unusual pediatric synd. 12453

value of exam. in tumor localization (Fr) 31995

vitamin A metab. disord., fundus changes (Indonesian) 41981

Waldenström's macroglobulinemia (Fr) 24881

***innervation***

parasympath., in rabbit (It) 37341

***metabolism***

acid mucopolysaccharides, histochem. demonstration in pathol. cond. 33026

barium & strontium content of various eye tissues from animals & humans 37079

dehydrogenases in various ocular tissues, classif., histochem. & biochem. studies & review (It) 13137

fluorescent pterin & flavin substances in eye of frog Rana nigromaculata (Fr) 26728

glycoproteins, organic water-soluble, electrophoretic determ. in calf eye (Ger) 24275

phosphorus, comparison with metab. of neoplastic eye tissue 26449

protein dynamics, radioprotein determ. in rabbits 47036

radiophosphorus fixation (Fr) 7064

sodium & thiocyanate, anterior & posterior chamber penetration 14111

sulfate uptake in scorbutic & hormone-treated guinea pigs, autoradiography, review & exper. 47051

***neoplasms***

angioma, tissue culture (Rus) 25744

diag. use of isotopes, review (Rus) 22570

epibulbar, orbital & palpebral benign lymphadenosis, with glaucoma, case report (Pol) 28846

epidermoid carcinoma, in child with xeroderma pigmentosum (It) 13141

intraocular metastases (Ger) 42269

intraocular, resist. of sclera (Ger) 28858

intraocular tumors, radiophosphorus diag. 14144

melanoma, intraocular, diag. & ther., symposium 10409

melanoma, malignant, latent 98

plastic surg. of defects resulting from eye cancer 24534

posterior pole, transscleral transillumination, technic (Ger) 28927

radiother., determ. of dos. necessary for induction of cataract & prev. measures 8563

resist. of cornea (Ger) 24277

sarcoma, primary osteogenic, case report (Por) 21051

simulated by rhinosporidiosis, case report 3104

surg., technic of epithelization of orbit after exenteration (Por) 21085

ther., radon seed implants, technic 24536

ther., remote results (Rus) 54561

tumor tissue phosphorus in exper. eye tumors, radiophosphorus determ. 26449

xanthogranuloma in young inf. with xanthogranuloma of skin, case report 41273

***pathology***

biomicroscopy of ocular fundus (Fr) 14500

eff. of diathermy currents on rabbit eye tissue 91

epithelial invasion of anterior chamber, review & exper. 11706

findings in child. born to diabetic mothers 23860

following in situ x-ray ther. of pituitary tumors by stereotaxic nasal method (Fr) 14483

fundus in leukemia (Pol) 28838

fundus oculi in arteriosclerotic coronary dis. (It) 20179

hyaline inclusions in cornea & anterior chamber (Ger) 51267

in ankylosing spondylitis (Ger) 23088

in disseminated lupus erythematosus, clin. study & review (Sp) 9688

in disseminated lupus erythematosus, ophthalmoscopic aspects (Sp) 9710

in exper. hypercholesteremia in rabbits 46456

in hog cholera, histopathol. 17103

in metachromatic leukoencephalopathy in child., histochem. 86

ossification of posterior portion of eyeball, case report (It) 13136

trabecular meshwork, relation to glaucoma 53538

zonula ciliaris & ciliary epithelium changes induced by alteration of normal aqueous humor form. in rabbit, electron microscopy 24575

***physiology***

bioelectric activity & oxygen consumption of isolated frog eye at various oxygen pressures (Ger) 43577

corneo-fundal potential variations during light & dark adaptation 19620

ECG eff. of eyeball compression in evaluation of vagal role in cardiac rhythm 491

eff. of attentive thought on subcortical visual responses (Fr) 54090

eff. of coal dust, protective ocular responses (Ger) 43344

eff. of electrostimulation of orbital parasympathetic pathway 34906

eff. of enucleation on posterior pituitary in newborn rats (Ger) 55511

eff. of light stimulation on pigmentation in frogs (Ger) 51259

eff. of photostimulation of eye on hearing threshold (It) 2959

elastic properties of human eye 23429

electric activity of eye cells of horseshoe crab Limulus polyphemus 24563

electric flicker value, eff. of ACTH & its pre-hormone 22253

electric flicker value, eff. of low oxygen inhalation 22262

electrophysiol. of visual systems in insects 18703

entoptic phenomenon in pressure ischemia of eye (Ger) 33943

growth & water content, eff. of protein defic. in rats 2077

inhibitory interaction in Limulus eye 11690

movements induced by surface & depth stimulation of occipital lobe in monkeys 28303

ocular fatigue (Fr) 14518

oculo-cardiac reflex, registration appar. (Rus) 49544

optico-autonomic reflex in various exper. & pathol. cond. (Sp) 4066

physiol. chem., review 11686

radiophosphorus uptake, eff. of exper. oculomotor & trigeminal nerve lesions in animals (Rus) 52981

reflex in exper. heart surg. with pump-oxygenator, progn. value in dogs 5877

regen. of eyes of Dugesia lugubris, eff. of brain extracts (It) 9322

response pathways to electric stimulation in Limulus eye 678

resting potential, method of registration of changes (Ger) 30542

saccadic eye movements, electromyographic patterns 24559

steady polarity potential, eff. of spontaneous & exper. changes (Ger) 53087

stability potential, eff. of exper. intraocular pressure increase (Ger) 24271

torsion demonstration with Gimbal projector 24543

trabecular meshwork facility of aqueous humor outflow 11676

visual sensation, eff. of vitamin A metab., pathogen. & ther. factors (Fr) 7070

***surgery***

anesth. 47307

anesth., indic. & problems (It) 44341

anesth., retro-bulbar inject. causing orbital hematoma, prev. & ther. (Fr) 26369

artif. hibernation in child. (Ger) 30127

contamination from eyelashes & eyebrows in intraocular surg. 35784

devil's hook, ancient fixation instrument with new levorotatory & dextrorotatory hooks (Ger) 51255

emergency, rapid conjunctival disinfect. (Ger) 51275

enucleation, postop. prosth. using neonatal femur head cartilage graft (Fr) 17492

nursing care in (Por) 39470

Passow's electrocautery (Ger) 28940

perop. cardiac arrest, causes & prev. 32531

postop. compl. during healing of wds., prev. & ther. with tight dressing (Pol) 28843

postop. compl., symposium 47075

postop. intraocular hemorrh. & choroidal detachment, surg., scleral trepanation (Ger) 51258

premedication with perphenazine 664

prev. of compl. (Ger) 51244

reopening technic for cicatrized trephination 35786

scleral implants into anterior chamber in rabbits 12443

technics 21049

tissue tolerance of synthetic substances, review (Ger) 28908

***wounds and injuries***

anterior segment inj., compl. (Fr) 7081

burns, chem. & thermal, sympt. & ther. (Fr) 26362

burns, review (Fr) 26354

by wire in soldiers (Rus) 22631

causing atrophy (Rus) 22553

causing papilledema (Fr) 7082

caustic erosion caused by gentian violet ink (Ger) 15404

chem. & caustic burns, surg., Passow's operation (Ger) 6741 19044 28928 42808

contusion caused by incorrectly mounted grinding machine (Dan) 55111

diag. & ther. of minor inj. 43702

eff. on blood eosinophil count 23844

eff. on pigmentation processes in rabbit eyes (Ger) 24272

erosion, early surg., Passow technic (Ger) 28926

exper., eff. of aspergin in prev. of infect. compl. in rabbits (Rus) 36369

gunshot wound destroying all soft parts of left eye, simultaneous plastic reconstruction of orbit & both eyelids (Hun) 45370

in child. (Bul) 41587

in child., prev. & emergency care 46543

in child., statist. 3526

perf., contusion, burns & for. body inj., ther. (Fr) 54824

sulfur dioxide causing corrosive lesion of eye 28013

ther. in GP 42172

unfitness of injured for military serv. & their employment in civilian life, in Italy (It) 36216

war wds., value of aerial evacuation in Fr.-Algerian war (Fr) 14369

## EYE DISEASES

***see also*** **BEHÇET SYNDROME**

***see also*** **CATARACT**

***see also*** **EXOPHTHALMOS**

***see also*** **GLAUCOMA**

***see also*** **HYDROPHTHALMOS**

***see also*** **OPHTHALMIA**

***see also*** **RETROLENTAL FIBROPLASIA**

***see also*** **TRACHOMA**

acute, diag. & ther. (Hun) 7705

allergies, classif. 55018

common ocular disord. encountered by GP, diag. & ther. 27510

diag. & ther. in GP 42172

diag. & ther., review 20566

endocrine disord., pathogen., differ. diag. & radiother. (Ger) 26184

fungus dis. secondary to other dis. of eyelids, conjunctiva & cornea (Hun) 45374

infect., comparative eff. of various antiseptics & antibiotics against different bact. encountered 23858

isotopes in diag. & ther. 27050

late infect. after fistulizing operations in glaucoma (Fr) 36146

micrococcal infect. of anterior eye segment, diag. & antibiotic ther. (Cs) 14827

otoneuroretinal abiotrophy, audiometric & EEG correlation (Fr) 31928

red eye, diag. & ther. in prev. of blindness 7651

review 18609

review (Ger) 29801

sarcoidosis, fundus changes, case reports 27096

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

toxoplasmosis, diag. & pathol. 23864
toxoplasmosis, review 12437

*case reports*

congen. anterior staphyloma with hydrocephalus 676
external myiasis prod. by Rhinoestrus purpureus larvae (Ger) 20878
filariasis 2866
11710
infect. in toxoplasmosis, with Vincent's infect. 10257
infect. of human eye with Philophthalmus sp. in Ceylon 17375
leishmaniasis, mucocutaneous (Por) 21084
leprosy 668
myiasis caused by Oestrus ovis 23440
myiasis caused by Oestrus ovis (Fr) 1424
onchocerciasis (Fr) 26373
rhinosporidiosis simulating tumor 2104
sparganosis in Colombia 24697
toxoplasmosis, recovery of low virulence strains of toxoplasma 11679

*complications*

ment. disord. 15816

*diagnosis*

electromyography & electroretinography 27074
etiol. serodiag. in inflamm. eye dis. (Ger) 52255
measurement of velocity of sound in some parts of the eye 23871
Middlebrook-Dubos hemagglut. test (Cz) 21563
radiography, direct enlargements (Ger) 28935

*etiology and pathogenesis*

BCG vacc. (Fr) 9252
chlorine in swimming pool water causing irritation (Ger) 11010
exudate from tropical millipedes causing eye lesions 10523
10524
influenza (Ger) 22935
influenza causing acute ciliary ganglionitis with Argyll-Robinson synd. (Ger) 19761
movement disord. (Ger) 49020
periarteritis nodosa, case report 11678
smoking 53288
systemic drug ther., ocular side effects 19276
temporal arteritis (Rus) 32549

*experimental*

corrosion induced by egg membrane (Cz) 14830
toxoplasmosis, eff. of pyrimethamine & sulfadiazine in guinea pigs 93

*heredity*

review (Fr) 48400

*in aged*

classif. 4540

*in infant and child*

caused by modern ther. of leukemia (Ger) 51262
herpes zoster 13421
in Hand-Schüller-Christian dis. (Ger) 28925
proptosis as initial sympt. of orbital sepsis in newborn 48208

*physiology*

visual field & panoramic visual field (Ger) 28855

*prevention and control*

hetrazan prev. of ocular compl. of onchocerciasis, comparison with 4 other drugs 22303

*statistics*

(Ger) 7665
causing exclusion from military serv. in Italy, statist. (It) 1111
frequency of justified, disputable & unjustified claims for compensation (Ger) 28886
onchocerciasis in Fr. W. Africa, Upper Volta, clin. statist. (Fr) 30138

*surgery*

sarcoidosis, enucleation (Ger) 51271

*therapy*

acetazolamide 20126
adrenal cortex hormones (Ger) 32868
adrenal cortex hormones, indic. & dos. 30223
amphotericin B in endophthalmitis caused by Volutella species infect., intraocular & conjunctival eff. 11680
antibiotics, indic. & contraindic. (Dut) 1614
antibiotics, resist. problems (Dut) 3760
antibiotics, side eff., review (Dut) 3758
antihistaminics, indic. (Ger) 28919
antireticular cytotoxic serum (Rus) 32550
cetyl-trimethylammonium bromide (Fr) 24883
chloramphenicol ointment, with cortisone (Ger) 46022
chlorpheniramine gluconate-prednisolone acetate prep. & neomycin-prednisolone-sodium sulfacetamide prep., indic. (Fr) 14519
cortisone (Ger) 11003
desensitization ther. in allergic eye dis. (Ger) 43345
glucose ointment (Ger) 51252
hazards of the use of topical eye solutions 30675
hydrocortisone-neomycin oleate-vitamin A prep. (Ger) 10305
inflamm., alloxan, glucocorticoid & phenylbutazone ther. (Ger) 19042
irgapyrin (Sp) 15506
licorice, fluid extracts 2847
neomycin with bacitracin & hydrocortisone ophthalmic ointments, comparisons (Ger) 42277
nitrofurazone (Rus) 45710
novobiocin in external eye infect., effectiveness against gram-positive organisms 50192
oximes & hydroxamic acids, exper. 24546
prednisolone ointment, with neomycin & surfen (Ger) 18952
prednisolone trimethylacetate, clin. & exper. results (It) 13940
prednisolone with neomycin 24548
radiother. in nonmalignant dis. 31498
radiother., review (Rus) 32569
statist. 34913
tetrahydrozoline ophthalmic solution (Fr) 26182
trypsin, statist. (Cz) 14831
ultrasonics (Pol) 28841
ultrasonics, indic. & technics (Hun) 45371

## EYEBROWS

contamination from eyebrows in intraocular surg. 35784
hered. alopecia 26069

## EYEGLASSES

*see also* LENSES

changing concept in styling & dispensing 12462
contact lens fitting, basic principles 24583
contact lens of methyl methacrylate, erosion by eye secretions 2109
contact lenses in aphakia, method of fitting 24581
contact lenses, indic. in various dis. & rectification of popular fallacies 2108
contact microlenses, fitting & patients reactions 26072
for partially sighted persons 2107
hist. note & present-day concepts (Sp) 44409
multiple pair concept & prescribing for multiple visual needs 12457
new type combination of spectacle & nasal clamp for use after rhinoplasty 20395
newer optical aids for child. with low vision 35772
nickel & copper cpds. from corrosive metal earpieces of eyeglasses causing dermatitis 11560
patient's acceptance of corneal microlenses, questionnaire survey 35779
popular misconceptions about wearing of eyeglasses 16670
precorneal lenses in ther. of nystagmus (Fr) 26372
precorneal lenses, tolerance to altitude (Fr) 14362
pseudo-eyeglasses in decorative glass windows of Strasbourg cathedral (Ger) 28922
simple & telescopic magnifying lenses, classif. & properties (It) 13938
sunglasses for use by Air Force personnel, evaluation 46381
telescopic lenses (Dut) 7344
television spectacles (Ger) 28914
tinted lenses, uses, indic. & characteristics of various types 26074

## EYELASHES

contamination from eyelashes in intraocular surg. 35784
hered. ciliary alopecia 26069
surg. technic for entropion trichiasis of trachoma (Fr) 13059

## EYELIDS

jaw-winking phenomenon, case reports (Fr) 31991

*diseases*

*see also* ENTROPION

*see also* HORDEOLUM

annular granuloma (Ger) 28937
blepharospasm, surg. (Ger) 28903
blepharospasm, ther., benzocaine-urethane nerve block 14106
coloboma, surg., repair using auric. cartilage (Fr) 14487
congen. ptosis, surg., Reese-Burian method (Cz) 14832
edema, etiol. (Ger) 15402
edema, intermittent, ther. (Ger) 28897
molluscum contagiosum, case report (It) 36218
mycosis with aphthous stomatitis (Fr) 26361
ptosis, congen., results of resection of levator musc. through skin incision 46453
ptosis, surg., modified Blaskovics operation 35773
ptosis, surg., modified Panas technic (Rus) 22556
ptosis, surg., shortening & resection of levator palpebra musc., technics 16851
rare dyspraxia of inability to keep closed, case report (Sp) 8873
retracted upper eyelid, surg. correction method 23843
ther., review 34926

*effect of drugs on*

sympathomimetics on nictitating membrane in cats, influence of reserpine (Fr) 40830

*in various diseases*

gross inequality of fissures before & after onset of multiple sclerosis 37820
hypercalcemia, causing deposits of calcium in eye & eyelid, role of acid secretion & resp. of eye surface 33050

*innervation*

parasympath. of smooth musc. in rabbit (It) 37341

*neoplasms*

adenocarcinoma of Meibomian gland as pseudochalazion entity 46467
basal cell carcinoma of lower lid, surg., Hughes technic (Ger) 28934
benign lymphadenosis of eyelids, orbit & epibulbar region with glaucoma, case report (Pol) 20846
epithelioma, surg. & radiother. (Ger) 38951
radiother., close focus (Ger) 55368
ther., 2,5-bis-aziridinyl-3,6-diproporyquinone (Ger) 28933

*physiology*

blinking during head & eye movements (Ger) 42576
conditioned blinking reflex response to methylparafynol, relation to susceptibility 50847
nictitating membrane, eff. of hyperinsulinism on contractions after sympathetic preganglionic stimulation in cat (Rus) 37199
upper eyelid reflex in urinary incontinence (Rus) 10729

*surgery*

canthotomy, technic & compl. 47029
plastic correction of baggy eyelids, technics 20389
plastic reconstruction (Ger) 29071
plastic, reconstruction of wrinkles & pouches (Fr) 13028
plastic repair technic for marginal defects 872

## FACE

*see also* CHIN

facial scars, classif., anatomico-clin. & medicolegal evaluation & ther. indic. (It) 30678
shape, eff. of orthodontic treatment (Ger) 51782

*abnormalities*

craniofacial malform. with congen. ocular abnorm. (Fr) 7072
discoid face, relation to rhinomegalo-discoid status & genetic aspects (Fr) 5129
dysraphias, with malform. of genitalia & limbs, case reports (It) 29587
malform. & congen. tumors, surg. repair (Ger) 39826
psychol. impact 24660
transverse & oblique fissures (It) 29585
transverse fissure, case reports (It) 29580

*blood supply*

arterial supply of skin (Rus) 47850
vasc. dis. causing pain, pathogen. & ther. (Ger) 29112

*diseases*

actinomycosis, cervicofacial, after teeth extraction 41250
actinomycosis, cervico-facial, ther. (Bul) 45200
actinomycosis, cervico-facial, traum., case report (It) 30338
actinomycosis, pathogen. & clin. picture (Ger) 51856
centro-facial lentiginosis, etiol. & manifest. (Fr) 31092
congen. centrofacial lentiginosis, relation to congen. syphilis (Fr) 53594
dysesthesia & pain in cerebral arteriosclerosis (Ger) 42339
eosinophilic granuloma, pathol. 34849
hemiatrophy, progressive, with alopecia & heterochromic cyclitis (Fr) 40809
hemiatrophy 25 years after maxillary osteomyelitis (Ger) 23051
herpes zoster facialis in child, case report 15045
in inf. & child, surg. & anesth. (Fr) 425

lupus erythematosus with Darier-Roussy sarcoidosis of legs, case report (Pol) 31510

lupus of mid-area (Ger) 42284

midline facial granulomatous ulceration 41053

midline facial granulomatous ulceration (Fr) 1020

midline facial granulomatous ulceration (Ger) 23050

midline facial granulomatous ulceration (It) 2960

midline facial granulomatous ulceration, case report 14710

midline facia. granulomatous ulceration, fatal case 34884

midline facial granulomatous ulceration, surg. with post-auric. Krause-Wolfe graft of ear 31260

pain, management by cerebral stereotaxis with placement of radiogold (Sp) 44408

seborrhea, ther., 4-hydroxy-2-oxo-benzoxathiole (Ger) 42300

subcutaneous emphysema of cheek caused by tonsillectomy 23449

sweating & flushing during meals, develop. after parotidectomy 273

***fistula***

congen. cervico-facial fistula (Sp) 43888

***foreign bodies***

bullets in infratemporal fossa, surg. & intraoral approach 33362

maxillofacial for. bodies, surg. indic. 24686

***innervation***

thermoreceptors of facial skin, electrophysiol., review (Ger) 35395

***neoplasms***

cavernous hemangioma of forehead in newborn inf., ther., sclerosing solutions (Por) 53869

craniofacial meningioma, excis. in cranial, orbital & zygomatic stages (Fr) 53373

etiol. & pathogen. 32491

melanoma, caused by razor-blade irritation of pigmented nevus (Bul) 32752

multiple mid-facial & laryngeal mucosal neuromas as a dis. entity (Fr) 47380

recur. cutaneous carcinoma, radiother. & surg. 53121

sebaceous adenomas simulating leprosy (Fr) 25505

skin transpl. in posther. & postop. defect (Ger) 29070

submaxillary epithelioma in girl, pathol. & ther. (Fr) 31048

***paralysis see*** FACIAL PARALYSIS

***physiology***

dentofacial growth, dynamics & develop. after placement of space maintainers 16535

growth in roonkeys with surg. produced palatal clefts 8032

***surgery***

adjuvant oleandomycin alone & with tetracycline (Ger) 19030

anesth., maintenance of resp. (Ger) 12885

buccal orifice as esthetic approach route (Fr) 9066

controlled hypotension in maxillo-facial surg., technic & results 23538

maxillofacial & plastic surg., anti-hemorrhagic drugs for prev. of operative & postop. capillary hemorrh. 24690

Moreestin technic in removal of depressed cicatrices of face (Sp) 13914

plastic cosmetic surg., case report 36867

plastic, primary & secondary (Ger) 29068

plastic, reconstruction with cartilage homografts preserved from fresh cadavers, indic. & technics (Fr) 13026

plastic, reconstruction with pedunculated flaps of scalp (Fr) 13020

plastic, skin substitution with pedicle flaps & free transplants (Ger) 29069

plastic surg., esthetic & personality factors (Cz) 23657

plastic surg., technics (Cz) 23650

plastic surg., use of tubular flap, technic & advantages (Cz) 23652

plastic, technics & limitations 18752

plastic, transfer of skin flap with subcutaneous pedicle to face (Cz) 23655

plastic, with homogenous cartilage transpl., remote results (Rus) 45684

reconstruction by cartilage, corium & fat transpl. (Cz) 23656

***ulcers***

phagedenic (Rus) 45703

***wounds and injuries***

burns, plastic surg. (Fr) 51479 47376

burns, problem of mouth & expression in plastic repair in extensive & total burns (Fr) 47375

gun-shot wound, surg. repair, case report (Sp) 53899

minor lacerations, management 29328

surg. (Cz) 23651

surg., indic. & technics 32720

## FACIAL BONES

***see also*** JAWS

***see also*** NOSE

***see also*** ORBIT

***see also*** ZYGOMA

***abnormalities***

mandibulofacial dysostosis 35783

mandibulofacial dysostosis, differentiation of bilateral & unilateral forms & differentiation from oculo-vertebral abnorm. (Fr) 40871

mandibulofacial dysostosis, Hallermann-Streiff type, with Fuchs' synd. (It) 13942

mandibulofacial dysostosis, unilateral, in one of a pair of monozygotic twins (Fr) 40872

mandibulofacial dysostosis with deafness (Fr) 47467

with tooth abnorm., case report (Tur) 32999

***anatomy and histology***

morphol. changes in Eskimo population due to dietary & work changes in less than 1 generation (Fr) 38652

***diseases***

Jaffe-Lichtenstein dis. & asymmetry caused by traum. malocclusion, pathol. & case reports 35331

***embryology***

develop. in human embryo & relation to cleft palate & harelip (It) 29576

***fractures***

anat. aspects 33016

causing rhinorrhea, diag. & ther. 33020

compl., chiasmatic synd., case reports (It) 36220

faciomandibular, seq. of malreduction, malposition & malunion 5206

management in unconscious patients 936

middle third fract., compl. 5208

orbital compl. 33019

ther. of midfacial fract. 33017

united depressions of middle third of face, ther. (Fr) 1009

***neoplasms***

osteogenic sarcoma, surg. 860

polypi & other neoplasms, diag., tomography in Hirtz position (Fr) 13066

***radiography***

image of the tongue in lateral x-ray of the facial bones (Ger) 23054

***wounds and injuries***

mutilating inj. causing partial deafness, tubo-tympanic factors in etiol. (It) 39697

## FACIAL EXPRESSION

***see also*** PHYSIOGNOMY

as reflection of personality & importance in soc. position, relation to plastic surg. (Cz) 23657

as situational cues 4371

facial manifest. of hypercalcemia in child 13413

in chimpanzees (Fr) 8240

stereotyped associations to schematic faces 5125

## FACIAL PARALYSIS

clin. aspects (Hun) 53888

Melkersson-Rosenthal synd., clin. findings (Pol) 44185

***case reports***

bilateral, isolated rheum. (Ger) 391

Melkersson-Rosenthal synd. (It) 29589

Melkersson-Rosenthal synd., with normal tongue 37555

with temporomandibular arthrosis & calcification of stylohyoid ligament (It) 32129

***complications***

Melkersson-Rosenthal synd. causing retrobulbar neuritis & trigeminal & vestibular nerve paralysis, case report (Ger) 28884

***diagnosis***

topical, involvement of intermediate nerve (Ger) 49820

***etiology and pathogenesis***

cold exposure (Fr) 9197

disulfiram ther. of alcoholism (It) 32120

dysraphia (Ger) 28923

inj. in ear surg., surg. repair (It) 19253

lightning stroke (Dan) 43214

mastoid dis., indic. & technic for mastoidectomy 20536

medulloblastoma of posterior fossa 43128

otitis media, with unrecognized mastoid fract., surg. (Fr) 36161

polio. (Rus) 38825

tympanoplasty (Pus) 55216

***in infant and child***

after fract. of petrous bone, case report (Hun) 39432

caused by otitis media, surg. (Fr) 25479

differ. diag. from polio. (Ger) 38979

surg., plastic reanimation technics 20082

***in pregnancy***

with conductive deafness & absence of vestibular response, case report 11741

***physiology***

Bell's palsy, eff. on taste response 35291

submaxillary salivary flow as test of chorda tympani funct., diag. & progn. value 18487

***surgery***

anastomosis of branches of facial & spinal accessory nerves 54650

anastomosis of facial & phrenic nerves (Fr) 35251

anastomosis of facial nerve with phrenic nerve (Rus) 22535

anastomosis of hypoglossal & facial nerves 52589

decompression of facial nerve without inj. to middle ear (Ger) 36448

endaural tympanic approach to facial nerve 35302

Melkersson-Rosenthal's synd., resection of labial mucosa (Fr) 13023

myoplasty (Rus) 22536

restitution by extra-petrous facial nerve graft, technics 44043

technic for mechanical improvement in total paralysis (Ger) 28936

***therapy***

Bell's palsy, phys. ther. 3195

Bell's palsy, vitamin B12, massive doses 10281

desoxycorticosterone (Ger) 52560

ischemic, surg. & conservative ther. (Ger) 49639

med. & surg. ther. 18480

phys. ther. (Bul) 45310

***FACIES see*** FACIAL EXPRESSION

***FAINTING see*** SYNCOPE

## FALLOPIAN TUBES

***see also*** SALPINGITIS

insufflation with hyaluronidase & water in diag. of sterility caused by tubal factor (Sp) 20056

patency tests, technics & clin. value (Sp) 9756

patency tests, ther. value & comparison with other procedures 10050

pertubation, safe method (Ger) 18929

percussion stethoscope (Rus) 12172

***abnormalities***

atresia with hemosalpinx & uterine hemorrh., case report (Sp) 8869

***anatomy and histology***

lymphatic system (Rus) 47856

***calculi***

simulating acute appendicitis, case report 14405

***diseases***

obstruct. caused by surg. ligation, plastic reconstruction 18088

obstruct. causing sterility, diag. & ther. (Por) 7596

obstruct., inflamm., adrenal cortex hormone ther., local admin. (Fr) 37717

occlusion causing sterility, value of various types of surg. 16580

oxyuriasis causing granuloma 50984

pyosalpinx with leiomyoma of uterus, clin. pathol. conf. 43138

torsion (Sp) 27214

torsion, in pregn. (Nor) 45410

tubo-uterine spasm, case report 54507

***fistula***

tubo-intestinal caused by tuberc., diag., hysterography, case report (Fr) 18083

tubo-intestinal, diag., hysterography (Fr) 26231

***innervation***

sensory terminal corpuscles (Sp) 2947

***metabolism***

amylase levels in humans & in other animal species 31322

in vitro metab. of human endosalpinx 49510

***neoplasms***

38607

case report (Fr) 2011

fibroma assoc. with fibroma of ovaries, case report (It) 15889

lipoma, case report (Ger) 34579

mesothelioma (Ger) 23124

primary (It) 25719

primary carcinoma, bilateral (It) 29616

primary carcinoma, case reports (It) 44838

44839

primary carcinoma, pathol. & case report (It) 8461

primary, with acute torsion, preop. diag. (Ger) 11460

triple dermoid cysts partially lined with gastric mucosal tissue assoc. with paraffinoma, case report (Ger) 34566

*radiography*

contrast medium iodopyracet-polyvinyl pyrrolidone prep. causing basophil inclusions in tubal wall (Fr) 26251

diag. value of sterility 49484

*rupture*

in early tubal pregn., etiol., diag. & case reports (Fr) 37728

*surgery*

exper. termino-terminal anastomosis with everting sutures (It) 8465

pregn. after fallopian ligation & multiple cesarean sections (Fr) 18177

reimplantation after rupt. in tubal pregn., causing dynamic dystocia in subsequent pregn. (Fr) 26230

tuboplasty, case reports of subsequent pregn. & delivery 22170

**FALLOT'S TETRALOGY** *see* **TETRALOGY OF FALLOT**

**FAMILY**

*see also* **ADOPTIONS**

*see also* **CHILD**

*see also* **MARRIAGE**

*see also* **PARENTS**

childhood & adult family structures of schizophrenics 49194

decline of father-image & changes in family structure, eff. on delinquency & crime 18363

eff. of birth of ment. defective child on preferred size of family 5382

eff. of family relationships on emotional develop. of child. (Sp) 53944

eff. of family size on arterial blood pressure 15051

family life educ. planning 19089

family patterns, correlation with adolescent personality structure 16500

father as head of family, emotional & psychol. factors 2333

homemaker serv. of hosp. & other agencies to provide substitute mothers in cases of phys. & ment. dis. in real mothers 33673

interaction in psychother. of adolescents 8396

interaction of families of schizophrenic patients 24591

methodol. of study on family interaction in personality develop. 53621

Oklahoma City Family Clinic, Oklahoma, organiz. & clin. technics 3654

psychol. importance of various family members for the child (Sp) 8830

rejection of relatives hospitalized with ment. disord. (Fr) 47447

role of relative in psychother. program 2655

soc. & psychol. aspects (Ger) 49146

sociopsychol. relations of family problems to child health (Fr) 8375

**FAMOUS PEOPLE**

*see also* **BIOGRAPHIES**

*see also* **GENIUS**

Alexander VI, cause of death (Ger) 42375

Beethoven, illness & death (Ger) 19436

behavior of physicians in presence of famous political & royal figures (Sp) 1601

Charles V of France, med. hist. 28393

Clarence Darrow's ear infect., cure by mastoidectomy 39301

diplopia of Abraham Lincoln 49394

Emperor Caligula's insanity, med. & hist. factors 6446

famous political & royal figures at Span. resorts (Sp) 1814

Goldoni, Carlo, med. references in his librettos (It) 6833

Heinrich Von Kleist's dis. (Fr) 30803

illnesses of poet Alexander Pope 8288

John Locke & Sydenham 3337

Johnson, Edward Mead, contribution to inf. dietary products 29331

Jonathan Swift, ment. & phys. health 6443

Julius Caesar's falling sickness, possible identification with Ménière's dis. 6230

med. in Zola's works (Fr) 53439

med. problems of Henry VIII 26560

Monboddo, James B., contribution to language & evolution 28393

Nerval, Gerard de, his chronic dis. (Fr) 53395

ophthalmol. note on Johann W. Goethe (Ger) 42376

Oscar Wilde's last illness 53553

Pope Pius XII, med. & biol. interests (Fr) 31109

President Garfield's death 10088

psychoanalytic interpretation of Gustav Mahler's personality & music 44221

rare printed material on alchemy attributed to Domenico Beccafumi (It) 6832

Rogers, William A., editorial accomplishments with Journal of Bone & Joint Surg. 40603

Rudolf Töpffer, report of his dis. (Fr) 9117

Shaw's childhood, psychoanalytic interpretation based on Pygmalion 44251

Smetana, Friedrich, psychiatric factors in illness (Ger) 52277

sojourn of the poet Verlaine at Aix-les-Bains for rheum. (Fr) 44791

Stalin's personality from psychol. viewpoint (It) 8624

stigmata of Louise Lateau & exam. by Theodore Schwann (Fr) 31333

Théroigne de Méricourt, character, dementia & phrenol. (Fr) 21331

Théroigne de Méricourt, portraits (Fr) 54037

thoracic inj. of famous people, hist. note 15221

Voltaire, his physicians & his dis. (Fr) 43975

Willem Storm van Leeuwen, contribution to knowledge of asthma 35000

***FANCONI'S RACHITIC SYNDROME*** *see* **METABOLIC DISEASES**

***FANGOTHERAPY*** *see* **MUD THERAPY**

***FARMS*** *see* **AGRICULTURE**

***FARMS*** *see* **RURAL CONDITIONS**

**FASCIA**

superficial inguinal fasciae, anat. & embryol. (It) 1518

*diseases*

fascitis of Gerota's perirenal fascia, case reports 33125

myofasciitis (Cz) 11850

*transplantation*

fascia lata graft in surg. of sclieromalacia 12454

**FASCIOLA**

protein metab. in Fasciola gigantica 17376

**FASCIOLA HEPATICA**

*see also* **DISTOMIASIS**

host Galba truncatula, distribution in Poland (Pol) 33709, 33710

phenolases, eff. of serotonin on activities 47938

terminal organ of protonephridia, morphol. & physiol. (Ger) 46156

**FASTING**

*see also* **HUNGER**

case of fasting prolonged for more than 30 years (It) 8579

*effects*

depression of acetate oxidation in liver of cold-exposed rat 40569

early food deprivation on adult behavior in rat 4948

eff. of deprivation & satiation on food preferences of monkeys 5114

on acetone catabolic routes in rats 40831

on alkaline phosphomonoesterase in renal tissue in rats (It) 37153

on bile acid metab. in rats (Fr) 37844

on blood protein levels in dogfish (Fr) 3096

on blood proteins of conger eel (Fr) 26924

on blood sugar in normal rats (Fr) 26841

on discrimination in monkeys 50544

on gastric juice pH in guinea pigs (It) 1914

on generalization in pigeons 5063

on intestinal motor funct. (Rus) 1742

on liver uptake of neutral fat 35811

on metabolite concentration in rat liver (Ger) 46094

on pancreas in guinea pigs (Fr) 26867

on phosphorylase activity of rat liver 44117

on sodium retention & extracellular space, growth & age factors 6198

*experimental*

changes in periodic activity of stomach in exper. tuberc. in fasting dogs 52981

eff. of testosterone on survival & on weight of testes & seminal vesicles, in rats (It) 25642

gastrointestinal system changes on realimentation after fasting in rats 12521

*therapeutic use*

congestive heart failure, eff. on creatine metab. (It) 39644

with detoxication by water & diuresis in treatment of massive edema & blood protein defic. in child. (Fr) 42013

**FATIGUE**

adrenal cortex dysfunct., causing chronic fatigue, review 25079

allergic tension-fatigue synd. in child. 4257

eff. of prolonged ingestion of alcoholic beverages on endurance of rat to swimming test (Fr) 26811

eff. of various drugs on resist. to & recovery from swimming test in white rats (Fr) 26819

eff. on blood corticosteroid levels in airmen after long flights 40661

eff. on motor anterior horn cells of spinal cord, quantitative determ. in rabbit by specific ultraviolet absorp. 35359

eff. on spontaneous speed of simple voluntary movement (Fr) 38734

eff. on swimming speed of albino rats of different age & sex 40881

exper. in man 34835

fatigue as sympt. in health serv. practice 45276

in athletes, physiol. & ther. (Fr) 14378

in athletes, prev. by vitamin C, mechanism of action & Donaggio's test of efficacy (Fr) 14382

in athletes, relation to endocrine physiol. (Fr) 14380

in aviators, causes (Rus) 33630

in commercial airline flight crew (Sw) 29228

laboratory study, hist. development 21521

metab. & physiol. (Fr) 14376

modified Donaggio reaction as test for fatigue (Fr) 34784

musc. intervention in phenomena of fatigue, review (Fr) 175

occup. in indust. executive caused by inadequate executive planning 21522

occup. in indust. executives, causes & prev. 21520

prev. of post-irradiation deaths by pre-irradiation fatigue in rats 17360

psychol. factors in indust. fatigue 21523

relation to extracellular & intracellular musc. ion concentration & neuromusc. excitability in rats (Fr) 14379

relation to psychol. factors in musc. contraction (Fr) 14381

resist. to fatigue, evaluation from hematocrit value (Fr) 31094

salt-defic. heat exhaustion 47600

ther., ATP (Fr) 40742

urinary mucoprotein & uropepsin levels, determ. (Fr) 54196

uropepsin levels in (Fr) 47351

visual fatigue in radar scope observers, etiol. & prev. (Fr) 29230

**FATS**

*see also* **BUTTER**

*see also* **LANOLIN**

chyle chylomicrons, composition 17577

comparison of foods cooked with hydrogenated fats & with corn oil margarine 50154

corn oil margarine substituted for all solid fats in diet causing reduction of cholesterolemia 49779

degree of unsaturation & hypocholesteremic eff., relationship 2541

dietary intake, optimum levels (Cz) 48632

dietary intake, relation to blood coagulation & lipids in different population groups 25722

dietary, relation to cancer mortal. (Ger) 51263

digestibility, eff. of coprophagy in rat 5541

fatty acid composition of glycerides of animal & vegetable fats, specific distribution 16907

high-fat diet in diabetes mellitus (Rus) 32543

in diet of dystrophic inf. (Por) 40229

labeling by radioiodine, limitations 41030

liquid/solid content of margarine & other commercial fats, determ. technic 52364

low-fat consumption by Iranians & absence of dis. related to high-fat intake (Fr) 44608

low-fat diets 53299

low-fat diets in Hawaii hosp. & fat content of home diets 50155

low-fat high-carbohydrate diets, induction of dent. caries in molar teeth of rats 40771

metab. & ther. use, review 20572

oleomargarine containing sesame oil, spectrophotometric determ. of carotene & vitamin A content 38061

synthetic glyceride emulsions, eff. of heparin-treated plasma (It) 1987

vegetable fat nutrition, relation to decrease of cancer mortal. (Ger) 6199

*administration*

emulsified vegetable fat as supplementary formula in inf. dystrophy (Sp) 31028

intravenous emulsions as caloric supplements in surg., review 54778

intravenous emulsions, mechanisms of febrile action & prev. by short-term admin. 24367

intravenous emulsions, prep. & disappearance of intravenously injected fat from circ. of child., review & exper. 24090

*determination*

in human milk, relation to protein content 19478

in human strains of M. tuberc., analysis of composition (Fr) 26304

staining with nile blue (Ger) 33541


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

triglyceride cofactor of cytochrome c reductase, isolation from bovine myocardium 4745

***effects***

animal & vegetable fats on blood coagulability, comparative eff. 16349

animal & vegetable fats on blood heparin levels & lipemia clearing activity 4678

animal & vegetable fats on glucose tolerance & alloxan diabetes in rat 35804

dietary fats in low-fat & vegetable-oil diets, on hypercholesterolemia, comparison 2945

dietary fat on depot fat, review 7570

dietary level on growth & food intake of rats 28571

dietary level on nicotinic acid requirements of mice 28576

eff. of pre-feeding of fat on triolein absorp. in subtotal gastrectomy patients 31299

emulsions, intravenous admin., on liver funct. 145

high-fat diet on vitamin B1 requirement in rats (It) 36778

highly unsaturated & poor in essential fatty acids, on blood lipids 51337

intravenous emulsions causing deposition of pigment in liver & spleen, histol. study 6118

intravenous emulsions on blood alcohol 12604

intravenous emulsions on body temperature & blood lipids, response to heparin 17576

long-term fat-feeding on excretion of cholesterol metabolites in rats 31317

neutral fats with soybean phosphatides in parenteral infusions, on erythrocyte sedimentation rate, in dogs 325

oleomargarine feeding on body fatty acid content in rats (Ger) 16389

oleomargarine-induced arteriosclerosis in swine, comparison with butter-induced arteriosclerosis 14686

oleomargarine on aging in rats 39570

on blood cholesterol (Cz) 48634

on blood cholesterol/ lipid phosphorus ratio in rats 4179

on blood coagulation, relation of activity to phospholipid content of fat 26422

on blood coagulation, relation to arteriosclerosis, review (Ger) 18319

on blood coagulation, review 14196

30143

on blood lipids in military personnel 19140

on blood lipids, relation to ischemic heart dis., review 14195

on body weight (Cz) 48633

on fatty acid composition of cholesterol esters in rat liver 5558

on fluoride retention by bones, kidney, myocardium & liver in rats 5542

on fluoride retention in rats, review 43285

on lipoprotein metab. (Fr) 48907

on phosphorylase activity of rat liver 44117

on sex differences in fibrin, fibrinolytic capacity & lipids, relation to pathogen. of coronary occlusion 15050

on susceptibility to thrombosis 27965

on tuberc. in mice 17439

on uterine weight response of immature mouse to oral stilbestrol 39201

ordinary & excessively fatty breakfast on gastric antral motility 15946

varying type & quantity of dietary fat on fecal bile acid excretion in humans subsisting on formula diets 47703

***in blood***

chylomicrons, eff. of gastric mucosal extract in basal cond. & after fat meal in aged (It) 42613

chylomicron metab., changes in absorbed radiocarbon-labeled lipid 35830

chylomicron metab., role of unesterified fatty acid transport 4864

chylomicrons, separation & characterization 50536

chylomicrons, transport & metab. 24399

eff. of inject. of surface-active agent into hypercholesterolemic rabbits 31405

in coronary arteriosclerosis 34870

in coronary artery dis. 33058

isolation from human blood of new substance assoc. with fat transport activity 7250

turnover rates of fatty acids of blood triglyceride in postabortive dogs 728

***injurious effects***

etiol. role in atherosclerosis 2510

etiol. role in coronary atherosclerosis 52757

obesity from high-fat diets, relation to longevity, review 20043

pathogen. relation to coronary dis. 38140

reactions to intravenous fat emulsions in humans 46366

***metabolism***

(Ger) 7097

absorp. 24385

absorp. & its disord., review 14190

absorp. determ. by radioactive iodotriolein method & correlation with vitamin A absorp. 15943

absorp., eff. of total gastrectomy in dogs 22002

absorp. in cystic fibrosis of pancreas with & without steatorrhea, measurement with radioiodine-labelled corn oil 7873

absorp. in diabetes mellitus, correlation with secretin test 13157

absorp. in inf. & child., radioiodine determ., review 43278

absorp., transport & deposition, determ. by radioiodine labeled lipids, technic 521

balance in premature fed various types of milk (It) 2970

composition & concentration of lymph & serum lipoproteins in dogs after fat & cholesterol feeding 16903

control & biochem. pathways 6264

deposition in lungs (Ger) 41771

deposition in rat tibia due to lysine defic. 20768

digestion & absorp. in child. with kwashiorkor (Fr) 1074

digestion, lipiodol test, diag. value (Dut) 7375

eff. of anterior pituitary hormones, review (Rus) 41647

eff. of pancreatectomy in rat, early eff. 47121

ether-soluble fats in chicken liver, eff. of glucagon & elastase (It) 48124

exper. aberrant lipogenesis, prod. of nonsudanophilic fat 34946

fecal elimination in gastrectomized patients fed normal mixed diet (It) 36818

hydrolysis by pancreatic juice & extracts, comparison & eff. of sodium taurocholate & electrolytes (Fr) 26306

in exper. fatty liver in rats (Fr) 25521

incorporation of glucose in liver & role in lipogenesis in mice (Fr) 39919

intestinal absorp. after oral & direct jejunal admin. in subjects of various ages, gallbladder kinetics & determ. of serum & fecal lipids (It) 47822

intestinal absorp. in cystic fibrosis of pancreas, radioiodine measurement 7874

intravenous emulsion, eff. of wds. on utilization in rats 17586

ketogenesis by spores of Penicillium roqueforti 19697

lipogenesis (Sp) 35975

liver content in cattle near time of parturition 50472

liver, eff. of adrenal cortex & anterior pituitary hormones on uptake by isolated perfused rat liver 35812

liver, eff. of unsaturated long-chain & saturated middle-chain fatty acids on content in rats in choline-free diet (Ger) 29894

liver, eff. of x-irradiation of whole-body & of liver region alone in guinea pigs (Fr) 48797

liver, glyceride synthesis in microsome fractions of rat liver 37090

liver, structural degradation of large fat drops in human & mouse liver cells (Ger) 45790

metab. adaptation to high fat diet in rat, eff. of high cholesterol intake 36616

neutral fat uptake by isolated perfused rat liver, eff. of sex of animal, fasting & alloxan diabetes 35811

radioiodine-labeled triolein fat absorp. test, modification using capsule test meal 27545

research progr. 50152

review (Pol) 30897

sciatic nerve, sex & age differences (Ger) 22941

specificity of pancreatic lipase actions on stereotsomeric triglycerides 47697

synthesis in tissue cultures, eff. of hydrocortisone 39235

tolerance tests with radioactive triolein in coronary atherosclerosis 38488

trematode parasites 34309

triglyceride lipolysis in humans, inactivation of blood lipoprotein lipase during 31446

trilinolein as substrate for lipoxidase from soy bean 25422

triolein, radioiodine-labeled, deiodization after direct inject. into duodenum in dog (Fr) 48928

## FATTY ACIDS

***see also*** ACETIC ACID

***see also*** BUTYRATES

***see also*** CAPROATES

***see also*** CAPRYLATES

***see also*** FORMATES

***see also*** LINOLEIC ACID

***see also*** OLEIC ACID

***see also*** PROPIONATES

***see also*** STEARIC ACID

***see also*** UNDECYLENIC ACID

***see also*** VITAMIN F

dietary, relation to arteriosclerosis (Ger) 11038

fatty acid esters of cetyl alcohol, metab. & physiol. actions in rats 48442

from lipids of streptomycin-sensitive & resist. M. tuberc. 16288

palmityl adenylate, palmityl coenzyme A & palmityl glutathione synthesis & properties 1672

saccharinic acids having 4 carbons, synthesis & properties, review 35545

sanit. assessment of synthetic fatty acids in water supply (Rus) 49786

sucrose esters of fatty acids (It) 1851

unsaturated, clin. & hyg. significance (Rus) 41648

***determination***

alkali-isomerization reactions of unsaturated fatty acids 24380

alkali-isomerization technic for determ. of unsaturated fatty acids, method of increasing accuracy of microdeterm. 24381

brominated long-chain fatty acid esters, gas liquid chromatography 52316

chromatography of saturated & unsaturated acids 1658

(−)-3,5-dihydroxy-3-methylvaleric acid isolation by selective uptake of (+)-form by Mycobacterium species from racemic mixture (Ger) 49930

in foods 16548

in glycerides of animal & vegetable fats, specific distribution 16907

in various hepatic lipids in rat, analysis (Fr) 38658

long-chain fatty acid isolation from glycerophosphatides of ox brain (Ger) 5481

polyunsaturated acid content in testes & heart as indic. of vitamin F defic. in rats 17817

polyunsaturated fatty acids in small amounts of blood & in lipid components of tissues, ultraviolet spectroscopy 24379

reverse-phase partition chromatography, in plants (Rus) 37130

separation by reversed-phase radial paper chromatography (Ger) 29784

separation of long-chain fatty acids by gas-liquid chromatography 24382

unsaturated fatty acid methyl ester analysis by gas-liquid chromatography 31359

***effects***

6-ethyl-8-mercaptooctanoic acid, inhib. of growth of microorganisms 40452

6-ethyl-8-mercaptooctanoic acid on acetate generation or transfer in bact. enzyme systems 40453

fraction from M. tuberc., eff. of intradermal inject. into leprosy patients (Fr) 21284

induction of anaerobic energy-liberating processes by unsaturated fatty acids in normal tissues, similarity to processes in tumor tissues (Ger) 55536

inhib. eff. of fatty acids present in rat intestinal mucosa on succinic oxidase 40571

inhib. eff. on Rous sarcoma virus 49807

on ability of human plasma to lyse homologous erythrocytes, pretreatment of erythrocytes with fatty acid 20751

on choline-defic. of weanling rats, comparison with cottonseed oil & diethylstilbestrol 41335

on metab. of Ehrlich ascites carcinoma cells 26452

polyunsaturated fatty acids on blood cholesterol in atherosclerotic hypercholesterolemia (Fr) 37925

unsaturated dietary fatty acids on blood cholesterol, relation to arteriosclerosis 51594

unsaturated fatty acid-vitamin E-vitamin B6-sitosterol prep. on excess blood cholesterol in patients with previous myocardial infarct 24435

unsaturated, high dietary intake inducing increased auto-oxidation of lipids & increased ceroid form. in rats (Sp) 9669

unsaturated long-chain & saturated middle-chain, on fat content of rat liver in choline-free diet (Ger) 29894

***in blood***

albumin-bound palmitate oxidation by fatty tissue & liver in starving, diabetic & insulin-treated rats 40533

determ. of unesterified fatty acids 15017

eff. of heparin on fatty acid esters (It) 1981

in arteriosclerosis (Ger) 3250

3257

in arteriosclerosis, determ. of amount & degree of unsaturation, diag. value (Pol) 8088

microdeterm. 13698

partition of unesterified fatty acids in normal & nephrotic synd. serum & its eff. on electrophoretic pattern 40694

polyunsaturated, extraction & determination by spectrophotometric micro method 25419

synthesis from acetate by blood cells in vitro 14617

turnover rates of fatty acids of blood triglyceride, cholesterol esters & phospholipids in post-abortive dogs 728

unesterified, eff. of colchicine in rats 49360

unesterified, eff. of single dose of various hormones 46693

unesterified, eff. of somatotropin in hypophysectomized rats 20741

unesterified fatty acids, metab. 24400

unesterified fatty acid transport in chylomicron metab. 4864

unesterified levels, determ. by colorimetric method 44898

unsaturated in normal & obese persons (Ger) 23612

unsaturated levels in inf., influence on linoleic acid requirements 41218

***in cerebrospinal fluid***

decomposition causing globule sign in brain x-ray (Ger) 34122

***metabolism***

✓albumin-bound unesterified fatty acids, metab. in normal humans 17059

body content in rats after feeding of butter, margarine, olive oil & sunflower oil (Ger) 16389

brain synthesis 36612

breast synthesis, enzyme systems, review 53479

cytochrome c in oxygen transfer in peroxidation of unsaturated fatty acids (Fr) 26775

3,5-dihydroxy-3-methylvaleric acid in aortas & livers from human fetuses, isotope study (It) 37454

3,5-dihydroxy-3-methylvaleric acid in rat liver homogenates, existence of factor essential for its utilization 31382

3,5-dihydroxy-3-methylvaleric acid in ubiquinone synthesis in rats (Ger) 39257

3,5-dihydroxy-3-methyl-valeric acid incorporation into β-carotene in illuminated etiolated maize seedlings 37063

3,3-dimethyl phenylmyristic acid 28241

eff. of epinephrine, review (It) 27435

eff. of feeding of hydrogenated peanut oil & cholesterol on tissue content of polyenoic acids in chicks 319

eff. of x-irradiation in rats 11536

5,8,11-eicosatrienoic acid, origin in fat-deficient rats 55897

enzyme systems of fatty acid oxidation in guinea pig liver, activation by guanosine triphosphate (It) 49362

erucic acid body distribution & biol. half life in rats on rape seed oil diet (Ger) 27915

fixation of oxygen from lipid peroxides on double bonds of unsaturated fatty acids in liver in vitro (Fr) 37839

form. of volatile fatty acids from D-xylose by rumen bact. 13399

growth promoting α-hydroxy fatty acids prod. by Lactobacillus casei 9555

heart, dimercaprol catalysis of peroxidation of unsaturated fatty acids in myocardial prep. 1680

interconversions of saturated & monounsaturated fatty acids 24397

intestinal absorp. in cystic fibrosis of pancreas, radioiodine measurement 7874

intestinal absorp., in vitro study using intestinal segments from hamster 20769

liver, activation of oxidizing enzyme systems in guinea pig liver (It) 3457

liver, arsenic acid inhib. of activation of oxidizing enzyme systems in guinea pig liver (It) 3458

liver, eff. of salicylates on form. from acetate in rat liver 40558

liver, volatile fatty acid metab. by perfused goat liver 44072

long-chain fatty acid activation & oxidation in rat brain in vitro 5488

long-chain fatty acids, bicarbonate requirements for enzymic synthesis in animal livers in vitro 37102

long-chain polyenoic acids in glycerophosphatides of ox brain (Ger) 5482

β-methyl-β, Δ-dihydroxyvaleric acid uptake & utilization by plant Hevea brasiliensis 19466

✓origin of trans-fatty acids in human tissue 44136

oxidation by musc. in vitro, eff. of vitamin B T 54417

palmitic acid, albumin-bound, eff. of insulin on extra-hepatic oxidation in diabetic rats 47694

polyenoic, in chicks, eff. of vitamin B6 defic. 35382

prod. from rat fatty tissue by action of arterenol & epinephrine in vitro 31407

sodium palmitate interaction with erythrocytes 40689

synthesis from acetate & mevalonate in liver of hypophysectomized rats, eff. of total-body x-irradiation (It) 52105

synthesis from glucose & acetate in mice (Fr) 39919

synthesis from various labelled precursors in rat liver, eff. of total-body x-irradiation (It) 52106

synthesis in higher plants, eff. of biotin 13412

synthesis in isolated perfused liver, eff. of triton & 4,4-diphenylbutyric acid 49368

synthesis in liver homogenates from guinea pigs, eff. of prednisolone (It) 36727

synthesis in mammary tissue in vitro, eff. of hormones, review 44189

synthesis in pigeon liver (Ger) 46118

synthesis in rats, eff. of 2-(4-biphenylyl)-butyric acid 36564

synthesis in Saccharomyces cerevisiae homogenates, activation by cobalt 21710

✓synthesis, review 14188

✓transport across cell wall 24387

transport in mammals, physiol. mechanisms, review 20341

transport, review 20042

unesterified fatty acids, in vitro release by fatty tissue 29529

unesterified fatty acid metab. in normal dogs 12533

unsaturated fatty acid biosynthesis in Saccharomyces cerevisiae by oxygen-requiring desaturating enzyme system 13834

unsaturated, resorp. in early childhood (Ger) 34121

volatile fatty acids along sheep alimentary tract 37589

***therapeutic use***

ascorbic palmitate in skin dis. (Fr) 37865

## FATTY LIVER

clin. & histopathol. study in chimpanzees that died in captivity (Fr) 13036

***complications***

sudden death caused by pulm. fat embolism in chronic alcoholics with fatty liver 35229

***experimental***

antisteatotic eff. of various lipotropic drugs assoc. with thyroxin, sex differences in rats (It) 37321

chem. pathol. of lesions produced by ethionine 34941

develop. after exper. partial hepatectomy in rats, eff. of chlorpromazine & hexamethonium (It) 37399

eff. of betaine inject. in rats (Fr) 3106

eff. of cathepsin in rats 3469

eff. of choline, methionine & inositol on prod. of lipophanerosis in dogs (Ger) 49687

eff. of enzymatic liver extracts in rats (Fr) 32933

eff. of vitamin B12 & thyroxin on hepatic desoxyribonucleic & ribonucleic acids in rats on steatogenous diet (It) 37319

eff. on fat & carbohydrate metab. in rats (Fr) 25521

glycogen metab. in rabbits (Rus) 25743

hepatic glycogen in rat on steatogenous diet, eff. of thyroxin with & without lipotropic drugs (It) 37320

in lactating animals (Cs) 38260

induced by carbon tetrachloride pois. in rats, histochem. & biochem. study (Fr) 7755

induced by choline defic. & carbon tetrachloride pois., lipotropic eff. of lecithin in rats (Ger) 39047

induced by oral ethionine, eff. of oral anti-fatty liver factor of pancreas, lipocaic & trypsin in rats 16294

induction by cobaltous chloride inject. in rabbits (It) 36746

induction of kwashiorkor-type of fatty liver in monkeys 5003

intermediate lipid metab., eff. of thiamine pyrophosphate in rats (Ger) 30550

pharmacol. & biochem. studies in rats (Ger) 43004

***in infant and child***

diag. failure of needle biopsy, case report 27989

***therapy***

review (Por) 21021

## FATTY TISSUE

body fat, indirect estimation with appar. for measurement of skin fold (Hun) 43104

body fat measurement in Indians 4174

eff. of phys. educ. on subcutaneous tissue in adolescents (Cs) 38216

estimation of total body fat from roentgenograms 21687

in mammals, measurement by indirect methods (Fr) 24877

influence on sphygmomanometric data (It) 54207

interrelations between somatic roentgenographic & densitometric criteria of fatness 39980

interscapular fat body in rats, eff. of excis. on survival after adrenalectomy & exposure to cold (Fr) 38742

nuclear & cytoplasmic changes in fat body cells of queen bee during metamorphosis 17278

thickness of subcutaneous fat in elderly men 724

***anatomy and histology***

brown adipose tissue, electron microscopy of fine structure in newborn mouse & rat 40579

peculiar regional characteristics of stroma (It) 1962

***cysts***

paranephric (Hun) 18603

***diseases***

adiponecrosis subcutanea neonatorum (Ger) 55656

lipophagic granuloma of right thoracic wall & forearm after mastectomy for adenocarcinoma with lipophagic granuloma (It) 2880

steatitis in cats fed canned red tuna 28194

***effect of drugs on***

ACTH, lipolytic action on rat fatty tissue in vitro 17068

arterenol & epinephrine causing in vitro breakdown of rat fatty tissue into nonesterified fatty acids 31407

ganglionic blocking agents on depot fat mobilization in normal & adrenalectomized animals 44098

glycerin in repeated inject. causing subcutaneous fat necrosis in rats 17891

***embryology***

12472

***in infant and child***

fat-birth weight-growth correlations 49977

***metabolism***

acetate & caprylate utilization in castrated & sex hormone-treated rats 14618

albumin-bound palmitate oxidation in starving, diabetic & insulin-treated rats 40533

alkaline phosphatase & lipase activity in fat body of desert locust, histochem. determ. 52457

component acids & glycerides of depot fat of an Indian panther 13706

eff. of living in environment of -3°C. on mice 53696

glucose utilization in rat epididymal fatty tissue, eff. of 6-desoxy-6-fluoroglucose 44130

intracellular particle-bound enzymes of locust fat body, determ. 7254

lipids in interscapular brown fat of female bats, histochem. & microchem. 13187

unesterified fatty acids, release in vitro 29529

***pathology***

ceroid form. in exper. hemorrhagic necrosis, histochem. study (Ger) 33526

prod. of exper. fat necrosis by pancreas extracts & enzyme prep. 5645

***physiology***

body fat correlation with blood pressure & blood cholesterol in Australian men 36980

dependence of volume of circulating blood on fatty tissue content of body (Ger) 23014

interscapular gland denervation in rat causing inhib. of insulin action on glycogen synthesis (Fr) 26897

relation of body fat to muscle glycogen in inbred strains of mice 35813

***transplantation***

abdom. fat transpl. in attico-antrotomy with myringoplasty, technic 20540

implant in mastoid after petromastoid evidement, anat. & funct. results (Fr) 1012

## FAVISM

***blood in***

erythrocyte anomalies, relation to idiosyncratic-hyperhemolytic diathetic manifest. of favism (It) 13960

erythrocyte susceptibility to form Heinz bodies, comparison with susceptibility in erythroblastic anemia & normal cond. in inf. & newborn (It) 37506

hemolytic eff. of primaquine in favism (It) 42601

***case reports***

1st case in W. Australia 18769

suspected case in Australia 42113

***etiology and pathogenesis***

erythrocytic biocem. defect predisposing to favic hemolysis in Ligurians & Sardinians (It) 37507

*FAVUS see* RINGWORM

## FEAR

***see also*** ANXIETY

comparative neophobia of wild & laboratory rats 2121

fear behavior in inf. & small child. (Ger) 55404

fear synd. caused by glioma of gyrus cinguli, case report (It) 27659

mechanism of acute hypotension from fear in normal & alcoholic subjects 2202

of death in old man, psychoanalytic interpretation 4296

psychoanalytic theory of pain, fear & anxiety & their interrelation 44235

**FECES**

*see also* DEFECATION

*see also* MELENA

*see also* STEATORRHEA

eff. of coprophagy on digestibility of protein & fat in rat 5541

exam., diag. value (Sp) 49158

exam., diag. value in nutrition disord. 12581

exam. of fecal specimens for parasites & eggs, use of zinc sulfate centrifugation flotation technic as routine diag. procedure 54835

in transm. of helminthic infect., exper. studies in rural community in India 40939

*microbiology*

detection by zinc sulfate centrifugation flotation technic 46909

detection of various microorganisms, technic (Por) 53890

eff. of lactose, lactulose syrup & powdered milk-Lactobacillus prep. in normal adults (Ger) 46269

flora, comparative eff. of boiled & raw human milk in premature inf. in hosp. environment (Ger) 34115

microscopic identification by Blagg merthiolate-iodine-formal method (Por) 16129

parasitol. exam., technic (Sp) 44567

*FEEBLEMINDEDNESS see* MENTAL DEFICIENCY

*FEELINGS see* EMOTIONS

*FEER'S DISEASE see* ACRODYNIA

*FELON see* PARONYCHIA

**FEMUR**

*abnormalities*

dysplasia, monostotic, unusual case (It) 3901

short femur, diag. & surg. 50393

*diseases*

aseptic necrosis of head & nonunion of neck, surg., bone grafting 40613

echinococcosis, surg., conservative (Fr) 51446

epiphysiolysis, advantages of early surg. 6178

epiphysiolysis of lower femur after trauma, x-ray aspects (Fr) 17991

epiphysiolysis of upper femur as birth inj., x-ray manifest. & case reports 4791

epiphysiolysis, surg., wedge osteotomy, technic 35284

exper. develop. of deformities of head & neck caused by hip disloc. in young growing dogs 16981

osteolysis in child, case report 4793

osteolysis, massive, case report 4796

osteolysis with pelvic involvement in child, case report 4797

osteomyelitis, acute hematogenous in child., eff. on epiphyseal growth juncture (Ger) 29054

osteomyelitis, atypical, differ. diag. from osteoid osteoma, case report (Ger) 46803

osteomyelitis, caused by Salmonella choleraesuis infect., ther., chloramphenicol (Ger) 55727

osteomyelitis granulomatous in cat-scratch dis., case report 52647

osteomyelitis, with hemorrh. of popliteal artery secondary to decubitus ulcer on bone irregularity of osteomyelitic femur (It) 25615

*fractures*

caused by hematogenic osteomyelitis, osteosynthesis with metal pin (Rus) 43414

causing popliteal arteriovenous aneurysm, surg. indic. & case report (Fr) 409

classif. & management 14532

comminuted of lower femur, closed pinning 6989

conservative ther. & surg. (Ger) 35359

dashboard femoral fract. in auto accid., pathomechanics, prev. & ther. 40614

diaphyseal (Bul) 28739

diaphyseal in child., intramedullary fixation (Ser) 35065

diaphysial, irreducibility caused by interposition of crural musc. & surg. (It) 54228

diaphysial, surg., osteosynthesis with Kirschner wire (It) 21419

femoral condyles, fixation with blade plate 54542

greater trochanter fract., x-ray manifest. (It) 25654

in hemophilia (Ger) 23188

in osteogenesis imperfecta, with massive hyperplastic callus form. simulating osteogenic sarcoma 36003

intertrochanteric, conservative ther. 13701

intertrochanteric, intramedullary internal fixation 48780

open, comminuted near knee joint, fixation with Kintscher nail (Ger) 38438

pertrochanteric & basal fract., immediate fixation with 3-piece nail-plate 40633

pertrochanteric, conservative ther., indic. (Ger) 38440

pertrochanteric, in aged, indic. for surg. (It) 26592

pertrochanteric, ther. 36866

pertrochanteric, ther., appar. & technic for applying traction (It) 25610

pertrochanteric, traction & homoiplastic osteosynthesis (Ger) 11420

repeated fract. after wiring in child (Ger) 34564

retrotrochanteric, surg. (Bul) 28738

spontaneous during adrenal cortex hormone ther. of asthma, case report 32365

supracondylar, anat. & surg. (Fr) 18528

supracondylar, open reduction & fixation with Jewett nail 48775

supracondylar, surg., bone graft with metal plate fixation (Fr) 43966

surg., fixation with Dubrov nail (Rus) 43381

surg., intramedullary nailing, technic 14533

surg., new technic for direct subtrochanteric osteotomy (Bul) 28770

trochanteric, results of conservative ther., review 36002

trochanteric, surg., fixation with vitallium McLaughlin nail-plate 40632

with form. of funct. osseous callus & avasc. necrosis of femur in dog, case report 40401

*neoplasms*

fibroma, non-osteogenic, of distal metaphysis (It) 42741

fibrosarcoma, case report 7421

fibrosarcoma, case report (Fr) 42417

giant cell tumors (It) 32118

giant cell tumor, clin. pathol. conf. 30107

Hodgkin's dis. (Ger) 51827

osteogenic sarcoma, early juxtacortical 40612

osteogenic sarcoma, femorotibial in dog, case report 40411

osteogenic sarcoma with cystic lung metastasis 47226

osteoid osteoma, clin. pathol. conf. 43160

sarcoma in osteitis deformans, case with long survival after amputation 40637

sarcoma, metastasis to larynx 52769

*physiology*

ossification of distal femoral epiphyseal nuclei in evaluation of postmaturity of newborn inf. (Cz) 14857

*surgery*

double torsion osteotomy of diaphysis of femur in ther. of congen. disloc. of patella (It) 26600

intertrochanteric osteotomy & osteosynthesis, technic (Fr) 9003

lengthening with prosth. device in dogs, technic 19142

resection of proximal end, postop. anat. & funct. changes (Rus) 43377

x-ray anat. data for surg. (Sp) 53325

*transplantation*

semi-joint transpl. in dogs (Rus) 43411

*wounds and injuries*

in parachutists (Rus) 45852

**FEMUR HEAD**

*diseases*

bilateral aseptic focal necrosis in palm. & meningeal tuberc., case report (Fr) 19354

epiphyseolysis capitis femoris, surg. 46665

epiphysiolysis, significance of early detection in adolescence (Hun) 7718

epiphysiolysis, x-ray (Fr) 42041

*infarction*

primary, caused by arteriosclerosis, case report (Fr) 19352

*surgery*

covering with skin graft in arthroplasty of hip, technic & results 23892

Frederick Thompson prosth. 48771

mechanical problem of prosth., review 40641

prosth. repair (Dut) 39951

replacement prosth., types, indic. & compl. 8384

surg. prosth. femoral head replacement as salvage procedure in femoral neck fract. in aged 32519

**FEMUR NECK**

*diseases*

osteomyelitis, antibiotic ther. (Ger) 15395

osteomyelitis, x-ray diag. (Fr) 44305

pseudoarthrosis, surg. (Ger) 7089

pseudarthrosis, surg., arthroplasty indic. & technics (Fr) 21593

*fractures*

caused by radiother. (Ger) 23311

causing pseudarthroses, ther. (Ger) 37754

early weightbearing in ther. 41885

in pregn., compl., nail preventing descent of fetal head, cesarean section (Fr) 26216

intracapsular, fixation with telescoping nail technic 48774

lateral, classif. (Sp) 8158

medial, osteosynthesis with Laschen nail (Ger) 29058

surg. (Bul) 28737

surg., appar. for driving Moore's & Neufeld's nails (Pol) 38465

surg., appar. used in nailing of femoral neck by Smith-Petersen's operation 40639

surg., extra-articular nailing with guide (Ger) 42883

surg., intramedullary stem prosth., indic. & technic 9264

surg., nailing causing bladder perf. (Ger) 7032

surg., osteosynthesis à minima (Ger) 34249

surg., osteosynthesis, extra-articular nailing without accessory appar. (Ger) 34551

surg., osteosynthesis, postop. tuberc. coxitis (Ger) 34597

surg. prosth. femoral head replacement as salvage procedure in femoral neck fract. in aged 32519

surg., prosth. replacement of femur head, indic. & technic 6122

surg., replacement arthroplasty, indic. & results 11809

ther., modern trends 20475

transcervical, manifest. & surg. technics (Fr) 18551

*neoplasms*

osteoma, osteoid, relation to chronic osteitis & case reports (It) 36786

*surgery*

arthroplasty of hip with femoral prosth. in fract. & pseudarthrosis of femur neck (Fr) 51371

**FENESTRATION**

evaluation by per-cent improvement formula 48478

indic. & technics (Fr) 23898

Lempert technic 2198

long-term results 46479

of oval window 51154

of oval window, indic., contraindic., technic & postop. hearing tests 36263

platinectomy, platinofissure, platinostomy & platinotomy (Sp) 31816

postmortem histol. 17625

postop. audiometry of cochlear reaction 35335

postop. Kinney index for testing hearing improvement (Sp) 44406

preop. prep., anesth. & surg. technic (Por) 39467

technic (Ger) 3951

with subsequent stapes mobilization (Fr) 20541

*complications*

hearing disord., eff. of tympanic perf. on sound excitation (Ger) 47659

postop. vestibular disord. (Ger) 20533

tetanus, caused by infect. from use of marine sponge in surg., case report 17635

*experimental*

eff. of x-rays on postop. course in guinea pigs (Ger) 38883

postop. repair process & compl. 1189

*statistics*

after stapes mobilization 18481

in otosclerosis 35312

**FERMENTATION**

agitation-aeration in submerged fermentation, comparison of sulfite & polarographic methods for measuring oxygen solution rates in fermentor 47632

agitation-aeration in submerged fermentation, eff. of solid disperse phase on oxygen absorp. in fermentor 47633

eff. of pH on endogenous alcoholic fermentation in yeast (Sp) 8857

fermentative assimilation of yeasts (Fr) 26730

relation to potassium uptake by cells 27370

serol. detection of waterborne wastes from fermentation indust. 52304

vitamin requirements of lactic acid bact. from ciders 25139

*FERRIC AND FERROUS COMPOUNDS see* IRON

**FERRITIN**

electron microscopy of cells containing apoferritin in various stages of saturation with iron (Fr) 44638

horse ferritin-rabbit ferritin antigen-antibody complex, electron microscopy 40067

review (Ger) 27372

*effects*

hypotensive eff. in renal hypertension in rabbits (Rus) 52950

*in blood*

eff. of x-irradiation on levels in dogs (It) 36752

*metabolism*

cellular form. from injected colloidal iron complexes 50533

depot storage in placenta, fetal liver, spleen & kidneys, eff. of maternal iron defic. (Ger) 42297

release in vivo by xanthine oxidase 40698

**FERTILITY**

*see also* **STERILITY**

comparative fertility of natural & artif. matings in pig 10063

eff. of electroconization in cervical erosion (Hun) 7701

eff. of maternal age on litter size in rat 17233

eff. of retained fetal membranes on prolificacy of dairy cattle 28178

eff. of semicastration in female rats (Ger) 29889

in ment. disord. 6136

relation of Catholic practice & occup. mobility to fertility, statist. 6765

research in Germany, aims of interested committees (Ger) 34582

sex chromatin determ. in assessment 49512

soc. & psychol. factors, chief analytical findings & implications for future studies 6766

*effect of drugs on*

hesperidin phosphate, in white rats (Ger) 25214

radiomimetic drugs in male rats 17285

sex hormones in female rat 15608

*effect of radiations on*

cobalt 60 gamma rays, 14 Mev neutrons & fission neutrons on male mouse, comparative eff. 8535

*statistics*

demographic & soc. aspects of childlessness, census data 51951

demographic aspect of interstate variations in Amer. fertility 51950

**FERTILIZATION**

*see also* **GERM CELLS**

*see also* **INSEMINATION**

duration of latent period between sperm attachment & cortical granule breakdown & of cortical reaction in sea urchin eggs 3500

eff. on cytoplasmic layers & chem. composition in sea urchin egg 15709

in man, biochem. & biol. mechanism, review (Sp) 44526

inducing ovarian maturity & parturient moulting in crustacean Porcellio dilatatus (Fr) 15064

mechanism of implantation of blastocyst in rats (Rus) 13571

time course of acid prod. in fertilization of sea urchin eggs 27400

**FERTILIZERS**

*effects*

prolonged admin. on microorganisms of soil (Rus) 19126

*injurious effects*

skin dis., prev. (Ger) 55588

**FETAL MEMBRANES**

*see also* **AMNION**

*see also* **CHORION**

*see also* **DECIDUA**

*see also* **PLACENTA**

*see also* **YOLK SAC**

artif. rupt. as means of inducing labor, indic. (Sp) 21797

eff. of retained fetal membranes on prolificacy of dairy cattle 28178

glutaminase activity in pigs 52395

lipid metab. in normal, premature & prolonged pregn. (Fr) 26250

rupt., premature (Sp) 32436

rupt., premature, causes & histopathol. of membranes (It) 39626

rupt., premature, of amnio-chorial membranes, histopathol. & case reports (It) 44828

rupt., premature spontaneous, statist. 12387

rupt., relation of time & type of rupt. to duration of labor (Sp) 22267

rupt., relation of time & type of rupt. to fetal distress (Sp) 22269

sex chromatin in, electron microscopy (Ger) 27701

**FETUS**

*see also* **EMBRYO**

A & B antigens in cells of fetal urinary & vaginal exfoliations (Fr) 26711

D antigen of Rh system in fetal desquamation cells obtained by amniotic puncture (Fr) 26886

death caused by placental insuff. synd. (Ger) 15966

death caused by twisting of umbilical cord around neck (Ger) 23234

death, causes (Fr) 30472

death, detection by gravimetric determ. of chorionic gonadotropin 52829

death, eff. on maternal blood proteins (It) 6852

death in utero, diag. by x-ray demonstration of gas in fetal circ. system 29297

death in utero, incidence & causes 43301

death in utero, late death caused by fetal erythroblastosis, statist. (Fr) 14330

death, in uterus rupt. (Ger) 23229

death of twin fetuses, causes & statist. (Ger) 36031

death, perinatal, obst. causes (Ger) 36028

death, statist. in No. Carolina 35836

death, x-ray diag. 23820

death, x-ray diag. by Deuel's halo sign & free gas in fetus 12670

eff. of maternal diabetes 14702

eff. of maternal diabetes mellitus, review (It) 21481

eff. of maternal diabetes, progn. (Fr) 26256

eff. of maternal influenza (Sp) 224

eff. of maternal moniliasis in mouse (Ger) 46245

eff. of maternal nutrition, AMA council report 16667

eff. of maternal stress, prev. (Fr) 22459

eff. of maternal toxoplasmosis (Ger) 11448

eff. of maternal virus dis. 14214

eff. of maternal virus dis., review (Pol) 53154

eff. of pregn. toxemias, diag. & management of intra-uterine stress 4550

eff. of prolonged pregn. 16314

excessive develop., statist. 35753

exper. infect. of rat placenta & fetus with various bact., pathol. changes 5650

fetal distress caused by umbilical cord compression 20070

fetal distress, causes & manifest. 35750

fetal distress in labor, prev. with anacardiol (It) 9419

fetal distress, relation to time & type of fetal membrane rupt. (Sp) 22269

fetal sex determ. by fractionation of maternal urinary 17-ketosteroids (Fr) 7756

fetal size, determ. by external exam. (Rus) 46814

fetal tissue homotranspl. into young & adult animals 47544

giant fetus causing dystocia, diag. & management (Fr) 23736

lithopedion, abdom., with full term pregn., case report 7492

maturity, accuracy of radiol. estimation 5574

mortal. in diabetes in pregn. 17642

mortal. in France, statist. (Fr) 54056

mortal. in pregn. rats with mild alloxan diabetes 49174

mortal. in prolonged pregn., statist. of Trieste hosp. (It) 29730

moulding of fetal head in narrow pelvis (Ger) 15984

perfusion of previable human fetus, appar. & technic 280

postmaturity diag. by hemoglobin determ., reliability (It) 15027

sex chromatin determ. in fetuses of early abortion & tubal pregn. (Ger) 39546

statist. data on fetus of multiple gestations 20086

surg. in utero, technic in rabbit 54699

thyroid funct. test & diag. of intrauterine death by radioiodine method (It) 52104

weight, eff. of pregn. toxemia 36023

weight estimation 24508

weight of twins, relation to weight & size of placenta (Ger) 36032

x-ray, diag. of fetal abnorm., value & risks 52831

*blood in*

ABO & Rh groups, determ. in utero (Fr) 53993

amino acid content 24501

blood gases, pH & plasma electrolytes in pig fetus 35740

calcium, potassium & sodium levels during 3rd stage of labor (Pol) 8090

diag. value of fetal blood analysis, medicolegal aspects 1340

estrogens, simultaneous determ. in mother & fetus, comparative levels (Fr) 15124

fetal cells in maternal circ. during pregn., case report 2228

fetal-maternal blood types in cattle, comparison 10496

fetomaternal leukocyte incompatibility 40692

mucoproteins (It) 42786

oxygen capacity in normal & pathol. pregn., comparison 7623

oxygen transfer across hemochorial placenta in postmature pregn. 7603

protein-bound carbohydrates in human fetuses 44892

protein-bound thyroxin in rabbit fetus 19548

review (Ger) 27391

*diseases*

anemia caused by maternal hemorrh. (Fr) 21748

anemia, detection by correlation to total hemoglobin mass & erythrocyte volume 12417

apnea, relation to neonatal mortal. 50977

atrophy caused by placental dystrophy in pregn. toxemia (Por) 35954

auric. paroxysmal tachycardia, case reports 14040

bact. infect., postnatal diag. by frozen umbilical cord sections 41258

cardiac infarct, case report (Fr) 25447

celothelioma of heart, review & case report (It) 21441

chronic distress caused by placental insuff., clin. pathol. conf. 43310

dysharmonism (Ger) 39053

exper. ketosis in rat fetus 20767

fetal ascites 160

hypoxia, ther., maternal alternate oxygen-trichloroethylene inhalation (Ger) 11442

listeriosis, transm. by maternal vaginal listeriosis (Por) 16147

liver rupt. in fetus undergoing abortion (Ger) 49110

nephroblastoma causing dystocia 24519

resp. tract obstruct. in flexed fetus 48322

*effect of drugs on*

antithyroid agents in maternal hyperthyroidism 1792

methyltestosterone admin. to mother during pregn. 41884

nicotine on develop. after admin. to pregn. rats, negative eff. 54396

pentobarbital on guinea pig fetus after maternal admin. before cesarean delivery 19793

pituitrin alone & with chlorpromazine in induced labor (Sp) 10400

*effect of radiations on*

eff. of fetal irradiation on higher nerv. activity in adult rats (Rus) 37182

hazards 18734

reduction of hazards in obst. x-ray 12670

x-ray, in animals (Rus) 12148

x-ray, in maternal radiography (Sp) 7576

*metabolism*

estriol form. from estradiol labeled in C16-position in fetal liver slices 37116

ferritin & hemosiderin depot storage in liver, spleen & kidneys, eff. of maternal iron defic. (Ger) 42297

fetal drain of hexose in etiol. of ovine pregn. toxemia, review 15237

fetus as site of increased form. of histamine in pregnant rat 41346

glutaminase activity of fetal membranes & kidneys of pigs 52395

vasopressin determ. in hypophysis of rat fetus at end of pregn. (Fr) 26910

*physiology*

acclimatization response of pregnant ewe & fetal lamb to diminished ambient pressure 4655

blood form. & exchange (Ger) 25206

ECG & phonocardiography, normal & pathol. patterns 12416

ECG, diag. possibilities, review (It) 42595

ECG, EEG, phonocardiography & movement-recording, technics & clin. value 14224

ECG in early pregn. 12212

ECG, prenatal recording 23824

ECG, review (Ger) 19439

fetal phonocardiography (Sp) 22270, 22274

gastric proteolytic enzyme form. & elimination in fetus & newborn inf. (Ger) 34133

glycolysis of fetal tissues, relation to lactic dehydrogenase of umbilical cord blood & amniotic fluid (It) 24959

heart sounds, electrocardiophonography (Ger) 34587

heart sounds, phonocardiographic appar. for recording (It) 29620

heart sounds, phonocardiographic findings (It) 29621

reactivity of fetal pituitary-adrenal system during last days of pregn. 36608

spontaneous exchange of blood between mother & fetus as natural means of prev. of erythroblastosis fetalis 17506

**FEVER**

fever of undetermined origin, diag. & ther. problems 3661

intermittent fevers in Venice proper & in lagoon islands, hist. (It) 36233

pathogen. & exper. studies (It) 39657

periodic fever with unusual blood 17-ketosteroid pattern in boy with congen. adrenal hyperplasia 50440

periodic, in Hodgkin's dis. of retroperitoneum (Sw) 43236

postop., hemoculture (It) 20400

psychogenic, incidence in university hosp. 17012

puerperal pyrexia 18787

reaction of dogs to hyperthermia & fever 4664

shipping fever in cattle, manifest. & differ. diag. from rhinotracheitis & calf diphtheria 40418

*case reports*

prolonged fever caused by infected teeth (Fr) 43954

*diagnosis*

case report (Fr) 18501

cases of undetermined origin 50897

etiol. diag. of prolonged fever (Fr) 41997

*etiology and pathogenesis*

blood transfusion, relations to basic character of dis. (Ger) 27451

chloramphenicol (Dan) 22407

intravenous fat emulsions in repeated admin., prev. by short-term admin. 24367

pathogen. mechanisms 2254

postop. hyperthermia, ther., reserpine (Fr) 51878

*experimental*

eff. of hemorrh. & hypoxia in dog & monkey 47130

eff. of hyperthermia on capacitance reserves of myocardium in heart-lung prep. in rats (Ger) 29915

eff. of hypoxia on course of induced fever in dog & monkey 35798

eff. on tonus stability of cutaneous arterial network (Rus) 7806

eff. on validity on post-mortem quantitative histochem. determ. of enzymes in cerebellum of exper. animals 41204

induced by urinary pyrogens in rabbits, eff. of hypertonic glucose solution, application to ther. of post-transfusional & post-infusional hyperthermia (It) 39320

induction of chromatolysis & vacuolation of specific diencephalic nuclei by hyperthermia in chick 47103

*in infant and child*

compl., convulsions, classif. & ther. (Sp) 8196

etiol. 8121

postop. synd. of pallor & fever in child. (Pol) 30367

*physiology*

height of body temperature as measure of febrile-seizure threshold, clin. & exper. data 43516

hyperthermic mechanisms, review (Fr) 21273

*therapy*

*see also* ANALGESICS AND ANTIPYRETICS

control with therm-o-rite cooling machine 8482

hypothermia in encephalitis 18376

surface cooling, appar. & techniques 54781

**FEVER THERAPY**

contribution of William Gibson 6447

*in various diseases*

malariother., in Buerger's dis. (It) 9376

malariother. in thromboangiitis obliterans (It) 6890

neurosyphilis (Fr) 29198

paresis, baker's yeast extract as pyrogen (Rus) 46316

paresis, malaria & Caucasian recur. fever ther. with penicillin (Rus) 34686

pyrexial in thrombo-embolic disord. 36036

relapsing fever induced as ther. of paresis (Fr) 999

**FIBRIN**

antithrombin deriv. (Pol) 53313

co-fibrin, isolation, purification & characterization 40542

components of fibrinolytic system, determ. by lysis time method 44893

degradation products obtained from fibrin by plasmin, immunochem. determ. & application to fibrinolysis research (Fr) 53983

excess in Hodgkin's dis. & reticulosarcoma (Fr) 31052

fibrinoid, origin & nature of 568A

fibrinolysis activation by streptokinase, eff. of heparin in vitro (Fr) 54310

fibrinolysis after nephrectomy causing uncontrollable hemorrh., case report (Fr) 41476

fibrinolysis by extracts from non-pathogenic fungi 31450

fibrinolysis caused by hypothermia with cardiac bypass in open heart surg. 18118

fibrinolysis causing diffuse hemorrh. in thoracic surg. (Ger) 37750

fibrinolysis, diag. & ther. by soy bean trypsin inhibitor 1774

fibrinolysis, eff. of blood platelets 54438

fibrinolysis, extensive, in bronchogenic carcinoma 30140

fibrinolysis in cardiac surg. with hypothermia & extracorporeal circ. (Ger) 41754

fibrinolysis in Christmas dis. with myelocytic leukemia, case report (It) 39770

fibrinolysis in clot (Pol) 53323

fibrinolysis in coronary dis., inter-racial factors in So. Africa 9830

fibrinolysis in epidemic pleurodynia (Ger) 11165

fibrinolysis in liver dis., determ. by fibrin plate method 22227

fibrinolysis in surg. & non-surg. urol. patients, diag. & management 17502

fibrinolysis in thrombocythemia, inhib. eff. of platelets 54434

fibrinolysis induced in vitro, comparison with spontaneous fibrinolysis in vivo (It) 1968

fibrinolysis, local, during surg. of uterine fibromyoma 36046

fibrinolysis of arteriosclerotic sera, non-protein nitrogen levels (Pol) 8102

fibrinolysis, relation to pathogen. of coronary dis. (Ger) 46036

fibrinolysis, review 29399

fibrinolysis, spontaneous & bact. lipopolysaccharide induced fibrinolysis 30628

fibrinolytic activity determ. in various body fluids 32248

fibrinolytic activity in veins, response to various stimuli 15056

fibrinolytic activity in vivo, eff. of nicotinic acid 20742

fibrinolytic activity in whole blood masked by clotting process 38613

fibrinolytic activity of blood after surg. (It) 24945

fibrinolytic activity of blood during normal pregn. & labor, fibrin plate method of study (It) 53687

fibrinolytic activity of peripheral blood during menstrual cycle (Fr) 3129

fibrinolytic activity of umbilical cord blood in newborn inf. 11999

fibrinolytic test using standardized lyophilized human plasma 41036

fibrino-peptides A & B, preliminary amino acid sequences 40543

form. & fibrinolysis, enzymatic, pathol. & clin. aspects (Ger) 51781

form. & fibrinolysis, enzymatic, pathol. & clin. aspects (Ger) 51789

form. from fibrinogen in vitro, eff. of serotonin 12493

in myocardial infarct, diag. & progn. value of determ. (It) 39652

inhib. of fibrinogen conversion to fibrin by abnorm. proteins in plasma cell myeloma (Fr) 21269

localization of radioiodine-labelled antibody to rat fibrin in transplantable rat lymphosarcoma 23348

polymerization of fibrin monomers, kinetics (Ger) 46566

prep. in tympanoplasty, tissue reactions (It) 42747

properties & prod. from fibrinogen, review 35375

proteolytic degradation leading to form. of anticoagulant substance 21298

safe dissolution of pathol. human fibrin deposits 30629

sex differences in fibrin & fibrinolytic capacity, eff. of fats, castration & hormone implants 15050

staining characteristics & identification in tissue structures 2360

***FIBRIN FILM AND FOAM*** *see* **HEMOSTATICS**

**FIBRINOGEN**

*see also* **AFIBRINOGENEMIA**

antithrombin deriv. (Pol) 5321

carbohydrate/tyrosine ratio of fibrinogen, variations in various dis. (It) 37411

conversion to fibrin in vitro, eff. of serotonin 12493

degradation products obtained from fibrinogen by plasmin, immunochem. determ. & application to fibrinolysis research (Fr) 53983

eff. of irradiation with high-speed electrons in vitro 8521

eff. of repeated bleeding on blood clotting & fibrinogen levels in rabbits (Ger) 23602

heat & energy liberated during clotting of fibrinogen 11538

in myocardial infarct., diag. & progn. value of determ. (Ger) 29463

in rheum. arthritis, eff. of phenylbutazone & cortisone (Ger) 23089

in rheum. fever, clin. statist. 36536

inhib. of fibrinogen conversion to fibrin by abnorm. proteins in plasma cell myeloma (Fr) 21269

maintenance of fibrinogen levels during exchange transfusion (Ger) 23624

molecular weight, ash content & osmotic viral coefficient, determ. by measuring sedimentation & diffusion contents (Ger) 46171

platelet fibrinogen, relation to plasma 16823

proteolytic degradation leading to form. of anticoagulant substance 21298

purification & conversion into fibrin, review 35378

radioiodine-labelled fibrinogen, prep. 41819

*determination*

antigenic fibrinogen localization in human & animal platelets by galactan precipitation & immunoelectrophoresis (Fr) 10356

by centrifugation after heating 46903

electrophoresis (Pol) 53221

electrophoresis, paper, modified method (It) 21417

in ascitic fluid in differentiation of liver cirrhosis & cancer (It) 20819

in blood platelets (Pol) 30905

in inflamm., clin. & exper. findings (Ger) 22961

in labor (Cz) 14822

in labor in normal & toxemic pregn. (Ger) 24800

in plants, distribution & detection by precipitin & ultracentrifugal analysis 1669

*effects*

— susceptibility of clots to in vitro clot lysis with fibrinolysin 22225

*metabolism*

turnover of plasma fibrinogen 35192

*therapeutic use*

afibrinogenemic hemorrh. in pregn. treated by fibrinogen manufactured from human plasma 35269

indic. (It) 39516

**FIBRINOLYSIN**

activities in thrombosis (Dan) 45531

activity & determ. in rats 48465

activity determ. by euglobulin methods, eff. of citrate 4805

circulating fibrinolysin in carcinoma of prostate 37993

daily activation (Pol) 53312

fibrinolysin & profibrinolysin, review 10332

inactivation of streptokinase-activated fibrinolysin (Ger) 48069

kinetic behavior toward synthetic substances, comparison with thrombin & trypsin 7215

*antagonists*

phys. properties of plasmin inhibitors 17248

*effects*

liberation of chondroitin sulfate from bovine cartilage slices 19594

lysis of clots in vitro, eff. of fibrinogen concentration 22225

on collagen (Pol) 53211

on exper. coronary thrombosis & myocardial infarct develop. in dogs 48699

*physiology*

mechanism of physiol. action 11920

*therapeutic use*

thromboembolism & cerebral thrombosis (It) 54216

thrombosis (Ger) 49060

thrombosis & embolism 18361

thrombosis, intravenous admin. as supplement to anticoagulant ther. 16611

***FIBROADENOMA*** *see* **ADENOFIBROMA**

***FIBROCYSTIC DISEASE OF PANCREAS*** *see* **CYSTIC FIBROSIS OF PANCREAS**

**FIBROMA**

*see also* **ADENOFIBROMA**

abdom. wall, review (Fr) 404

infectious cutaneous fibroma in deer, natural occurrence & exper. transm. to other deer 28321

keloid form. (Ger) 3995

keloid form., histochem. (Ger) 11384

keloid form., postop. cicatricial, prev. & ther. with citric acid (Ger) 11383

skin, in newt Triturus taeni as, pathogen. & transplantability 3448

*case reports*

abdom. wall (Sp) 13912

abdom. wall, develop. on laparotomy scar (It) 20993

appearance in cicatrix of incision for retroperitoneal leiomyoma, clin. pathol. conf. (Sp) 9719

desmoid tumors in Gardner-Richards synd. 3376

desmoid tumor of chest 10316

diaphragm 19973

esophagus (Fr) 5330

intra-articular synovial (It) 26594

larynx, clin. & histol. aspects (Ger) 47661

mandible (Tur) 45476



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

maxillopharyngeal space (Fr) 47475
myocardium, intramural 11765
nasopharynx (Fr) 35248
non-osteogenic, of distal metaphysis of femur (It) 42741
osteoid fibroma of paranasal sinuses (Ger) 47663
ovaries & fallopian tubes (It) 15889
papillomatosis of larynx & bronchi, 34-year follow-up 48846A
pedicular of middle ear (Fr) 47476
perineo-vaginal keloid (It) 29624
pleura, parietal giant tumor (Sp) 18841
prevesical pelvic connective tissue (It) 29630
thorax (Ger) 29120

*complications*
xanthofibroma causing obstruct. jaundice, case report 36864

*diagnosis*
stomach, x-ray diag. (Rus) 10828

*in infant and child*
laryngeal papilloma (Por) 51638
larynx, congen., case report (Pol) 7830
larynx, ther., chlortetracycline, oxytetracycline & tetracycline (Pol) 30325
nasopharynx, hemorrhagic solid fibroma (Sp) 23905

*pathology*
laryngeal papillomatosis as precancer (Rus) 10770

*surgery*
keloid excis. & postop. cicatricial hypertrophy (Ger) 46012
keloid, technic (Fr) 18557
nasopharynx, transpalatine route (Fr) 47484
removal from dorsal aspect of foot 4583

*therapy*
keloid, hyaluronidase ther. (Pol) 31511
keloid, hydrocortisone ther. (Ger) 29113
keloid of foot, reduction by hydrocortisone ointment 4580
keloid, oral admin. of tetrahydroxyquinone 14

*FIBROMA, UTERINE see* LEIOMYOMA

*FIBROMYXOMA see* MYXOMA

FIBROSARCOMA
primary fibrosarcomas of bone (It) 26602

*case reports*
(Pol) 38464
bladder in dog, vet. case report 40395
brain, with glioblastoma & extracranial metastases 14739
dermatofibroma, progressive & recur. (Fr) 18616
duodenum 27548
femur (Fr) 42417
femur, x-ray & pathol. aspects 7421
humerus, with osteitis deformans, case with long survival 40636
mediastinum (Rus) 10829
pelvic retroperitoneal space 10465
10991
pericardium (Fr) 28493
retroperitoneal (Ger) 51681
retroperitoneal, clin. pathol. conf. (Sp) 43881
scalp (Ger) 23177
stomach 2523
stomach (Pol) 30860
thyroid gland (It) 49582
tongue 12715

*experimental*
eff. of hydrocortisone on growth of transplantable mouse fibrosarcoma 2674
filtrable angioendothelio-fibrosarcoma in chickens (Fr) 2318

*in infant and child*
lung of newborn 37655
prostate, case report (Cz) 3443
spinal cord, case report (Pol) 7835

*pathology*
primary intrapulm. fibrosarcoma 17886

*surgery*
thigh, hemipelvectomy 1216

FIBROSITIS

*see also* MYOSITIS
classif. & ther., review 29276

*diagnosis*
myotonometry & myogrammy, Skirmal technic (Ger) 11294

*etiology and pathogenesis*
brucellosis (Rus) 22538

*therapy*
procaine (Fin) 49204

*FIBROXANTHOMA see* FIBROMA

FIBULA

*abnormalities*
in horses 4625
in horses, x-ray 16765

*diseases*
tuberc. ostetitis of malleolus, case report (It) 39669

*dislocation*
peronecotibial diastasis, diag. & ther. (Sp) 21248
simple disloc. of superior tibiofibular joint, case report 50399
types of upper end disloc., clin. features & ther. 50398

*embryology*
develop. in exper. on regulation of defic. & excesses in chicken leg (Fr) 4966

*fractures*
closed pronated fract., surg. (Rus) 45689
open reduction & fixation of fibula in fract. of both bones of leg 40314
shaft, osteosynthesis with bone shavings (Ger) 7031

*innervation*
diaphyseal (Rus) 47870

*transplantation*
clavicle substitution (Rus) 43416

*FICIN see* PROTEASES

*FILARIA BANCROFTI see* WUCHERERIA

*FILARIA SANGUINIS HOMINIS see* WUCHERERIA

FILARIASIS

*see also* ONCHOCERCIASIS 9809
Dirofilaria immitis in dog heart, surg. removal by pulm. arteriotomy 40392
Filarinae infect. of deer (Pol) 33797
Icosiella neglecta infect. of frogs (Pol) 33784
Wuchereria bancrofti & malayi of urogenital system (Ger) 11327

*case reports*
eye 11710
filariasis diurna in Turkey (Tur) 22367
ocular 2866
vitreous body (Ger) 51254

*complications*
rheum. (Fr) 54182

*epidemiology*
geographical distribution (Fr) 38791
in India 16284
in India, in urban, semi-urban & rural areas 16282
in India, relation to seasonal variations in filarial infect. of mosquito Culex fatigans 16279
in Singapore 6483
in Turkey (Tur) 45487

*microbiology*
microfilarial periodicity, mechanism 14937
Wuchereria species from wild & domestic animals causing tropical pulm. eosinophilia in man 10469

*pathology*
release of microfilariae of Wuchereria bancrofti into peripheral blood in man, eff. of heparin 47613

*prevention and control*
in Brazil, Wuchereria bancrofti infect. (Por) 14428

*surgery*
phallus-oscheoplasty in penoscrotal filariasis 33439

*transmission*
fly Culicoides furen as vector in Mexico (Sp) 18851
house mosquito Culex pipiens pallens, duration of life of filariae in mosquitoes in winter temperatures 55433
mosquito vector Taeniorhynchus uniformis in Ceylon, biol. & control 14473
mosquitoes, staining of filarial larvae before dissection, technic 14470
Wuchereria malayi transm. by Anopheles hyrcanus sinensis 14935

FILARIOIDEA

*see also* WUCHERERIA
arachnids & insects as hosts of filarial nematodes, review 25068
Dirofilaria immitis & repens sheathless microfilaria, rapid staining technic 4189
Dirofilaria immitis, behavior of microfilariae in wax moth larva 47422
Dirofilaria tenuis, develop. 51005
Eufilaria delicata & Ornithofilaria böhmi n. sp. from thrush Turdus viscivorus (Ger) 34308
new microfilaria isolated from dog from India 16280
Saurositus macifiei n. sp. from lizard, description 25061
Squamofilaria sicki, description & revision of genus Squamofilaria (Fr) 1039

*FILLINGS, DENTAL see* DENTAL CAVITIES

FILTERS
filtering appar. for bacteriol. culture media (Ger) 34525
molecular membrane filter in cytol. study of CSF 24407
testing of air-filters for hosp. sterilizers 41847

FINGERPRINTS
destruction of pattern by superficial late syphiloderm, case report 23365
determ. of hered. of digital furrows in twins (Ger) 34215
plastic skin imprints, prep. & use in dermatol. (Ger) 11226
sole print peculiarties in child. with various dis. (Ger) 36169

FINGERS

*see also* THUMB
length proportion in paternity tests (Ger) 49114

*abnormalities*
clubbed fingers with hered. constitutional methemoglobinemia, case report (It) 42797
clubbed fingers with palmar & plantar keratosis & bone disord., case reports (Fr) 37893
ectrodactyly, primary skeleogenous (Ger) 25362
in patient with microphthalmia (It) 13143
symmetrical deviation of terminal phalanx of little finger (Ger) 34266
syndactylia, optimal time for surg. (Sp) 53324

*anatomy and histology*
length, measurement & interrelation in related & non-related adults (Ger) 221

*blood supply*
vasoconstriction produced by infused arterenol in Cushing synd., diag. value 4670
vasoconstriction produced by infused arterenol in primary hypertension, diag. value 4669
work & force of vasoconstriction in normotensive & hypertensive pregn. 627

*diseases*
ankylosis in rheum. arthritis 36298
bilateral trigger finger in young girl caused by stenosing tenosynovitis (Ger) 23687
camptodactylia (Rus) 52881
familial osteoarthropathy, case reports 4800
hippocratic finger (Sp) 32466
hippocratic fingers in hypertrophic pulm. osteoarthropathy (Fr) 31095
hippocratic fingers, relation to hypertrophic pulm. osteoarthropathy (Tur) 23005
osteolysis of terminal phalanges, with psoriasis (Dut) 49601
pain, fulgurant, neurophysiol. & surg. 15207
recur. locking of index finger caused by enlarged sesamoid bone 16982
thumb & index-finger dysfunct. caused by pronator synd., case report 19840
trigger finger, ther., hydrocortisone 11884

*dislocation*
chronic dorsal subluxation of proximal interphalangeal joint, surg., criss-cross volar graft 50375

*fractures*
exterior phalanx, with extensor tendon rupt., ther., immobilization with silk sutures through distal & middle segment soft tissues (Dan) 19943
reduction & immobilization method for ther. of phalangeal fract. 50201
surg. (Ger) 6694

*gangrene*
dry gangrene of fingers in 14-month-old inf. with possible myocarditis of viral or toxoplasmic origin (Fr) 25501
with polyneuritis in thrombocythemia, ther., radiophosphorus, case report (Fr) 44748

*hemorrhage*
subungual hemorrh. in pan washers caused by detergents 16603

*in various diseases*
rheum. arthritis, decalcification of bone, determ. by visual estimation & x-ray enlargement technic 35478

*innervation*
eff. of nerve block proximal to metacarpophalangeal joint on finger movement 5788
of dorsal surface, in Japanese (Ger) 336

*muscles and tendons*
musc. extensor digitorum communis (Bel) 41574

*neoplasms*
chondroma, surg. with homoplastic graft of bone (It) 25605
glomangioma (Rus) 51186
phalangeal, metastatic from lung, differ. diag. from infect., case report 47254

*paralysis*
isolated paralysis of common extensor musc. of finger (It) 32123

*physiology*
interphalangeal joint coordination in man & its disord. 23792
rewarming by vasodilat., formulation 46362

*radiography*
fusion of epiphyses in adolescents, serial studies 12931

*surgery*
arthroplasty, finger-joint prosthesis 50373
immediate bone grafts (Fr) 13027
reconstruction, review (Sp) 2927
reconstruction using autogenous & homologous osteo-articular-tendinous structure inside abdom. tube flap 20394

*wounds and injuries*
closed flexion tendon tear of terminal phalanx, surg. (Ger) 6057

evulsion of flexor profundus digitorum tendon 17553

extensor tendon inj., etiol. & ther. 20599

finger tip inj., management 47284

flexor tendon damage, plastic repair (Ger) 29114

flexor tendon inj., free tendon grafting 47839

ther. (Ser) 10912

## FINGERS AND TOES

*see also* FINGERS

*see also* TOES

***abnormalities***

brachyphalangia, genetic & dermatoglyphic data (Fr) 23726

oligodactylism with acrocephaly in wild chimpanzee 16789

polydactylia of new type in Rana esculenta (Fr) 3056

syndactylia, congen., induced in animal paws (Fr) 25452

syndactylia in five generations of one family (Fr) 24808

syndactylia in inf. (Ger) 25286

***blood supply***

digital circ., review 46878

***diseases***

clubbing, etiol. & pathogen. (It) 52081

interphalangeal joint infect., diag. & ther. 48260

***fractures***

closed, of ungual phalanges, ther. (Rus) 51185

## FIRES

(Ger) 11365

Chicago parochial school disaster, community & hosp. cooperation 49949

Chicago parochial school disaster, emergency role of St. Anne's Hosp. 49950

fire insurance, value & replacement cost 4100

Flat Rock Elementary School fire in No. Carolina, impact on local hosp. disaster planning 52754

hosp. drill on handling of mass fire casualties 6769

methylbromide in fire extinguisher causing erythematous-bullous dermatitis, case reports (Hun) 37235

## FIRST AID

fundamentals (Dan) 22446

Hungarian National Rescue Service, report on 10 years activities (Hun) 19743

in emergency rooms of hosp. in Rome (It) 43264

in traffic accid. (Dan) 10620

in traffic accid. (Fr) 3141 49739

in traffic accid., appar. & materials (It) 9390

mobile first-aid station in disaster ambulance 40111

organiz. of municipal first aid stations (Rus) 9929

## FISH

*see also* EELS

acid-soluble nucleotides in metamorphosing salmon 29869

barracuda pois. in Puerto Ricans 13890

3,4-bensopyrene in smoked fish, fluorescent-spectral analysis (Rus) 33598

biochem., review 1256

blood glucose levels, determ. by modified micromethod 14616

canned red tuna causing steatitis in cats 28194

Carassius carassius, eff. of x-rays on survival in cold temperatures (Fr) 48899

carp Cyprinus carpio, cytol. & cytochem. of nephron, review (It) 34401

chinook salmon, protein requirements at various temperatures 17814

chlortetracycline residues after prev. of spoilage, determ. (Rus) 22683

composition of various Hawaii fishes 27788

conservation of fish stocks 8269

corneal ohm resist. in hypotonic environment (Cz) 38228

crucian carp, philometrosis (Pol) 33774

Cyprinus carrassius auratus, vestibular & physically induced shock while passing from fresh water into salt water (Fr) 15063

deodorized fish flour, nutritive value & ther. use in malnutrition in child. (Sp, English) 13897

Digenea infect. (Pol) 33771

Diplostomum spathaceum infect., exper. studies (Pol) 33770

dogfish blood protein levels, determ. & eff. of fasting (Fr) 3096

dogfish heart, prolonged automatic contraction after isolation & opening (Fr) 3084

edible fish supplies of world 8267

eff. of lysergic acid diethylamide admin. on melanophores 736

electric organ of Mormyridae, histol. study (Fr) 55625

electric organ of Torpedo, morphol. & distribution of cholinesterase, electron microscopy (It) 53819

electric organ tissue, electron microscopy 15689

electric tissue of Torpedo, morphol. & cholinesterase content of subcellular fractions 27420

exam. in prev. of diphyllobothriasis (Rus) 33335

extraregional oocytes in teleosts 19703

fin transpl. in platyfish, genetic aspects 47549

fish-borne botulism, review 16447

fish flour as human food, composition, prep. & nutritional value 8272

fish meal in livestock feeding 8271

funct. hermaphroditism & self-fertilization in a derranid fish 54398

gizzard shad Dorosoma cepedianum, host of trematode Mazocraeoides olentangiensis 51009

helminth infect. (Pol) 33775 33776

herring meal, chem. & nutritional changes after storage for various periods 2083

hosts of tapeworms Bothriocephalus scorpii & Clestobothrium crassiceps, mode of attachment of scolex to fish intestine 30380

hydrophthalmos in goldfish Carassius auratus (Ger) 7670

Lebistes reticulatus, anat. of ramus intestinalis of vagus nerve (Fr) 35024

Lebistes reticulatus, cephalic sympath. ganglia (Fr) 46547

Lebistes reticulatus, eff. of mammalian parathyroid extract 3927

Lebistes reticulatus intra-ovarian rotation of ovum (Fr) 15144

Lepisosteus osseus, durodentin form. in squamous denticles (Ger) 34423

lipids, nutritional value of triglyceride & vitamin A & D content 8273

Lophius americanus, renal tubular secretion of creatine, trimethylamine oxide & other bases 17324

luminous organs in teleosts, histochem. analysis (Fr) 38707

Monogenoidea infect., eff. of salinity (Pol) 33769

mullet Mugil cephalus, host of trematode Dicrogaster fastigatus from Gulf of Mexico 51010

musc. protein analysis by electrophoresis (It) 44798

nature & sources of food for fish 8268

neurol. disord. from ingestion of contaminated fish, Minamata dis. 16364

neurophysis spinalis caudalis & posterior pituitary in Cyprinus carpio & Tinca vulgaris, histol. comparison (Ger) 34436

neurophysis spinalis caudalis, histol. & cytol. (Ger) 34418

new pathogenic strain of Vibrio isolated from Japanese rainbow trout 4338

nitrogen excretion in marine teleosts 26407

nutritional value of mullet 28311

photosensitive retinal pigments from turbid water fishes, spectrophotometric analysis 17333

phototaxis & thermotaxis in blindfish (Ger) 39242

poisonous fishes of Line Islands 24116

polonium concentration (Rus) 39610

preserv. & distribution of world catch 8270

ray Raja clavata, response of ampullae of Lorenzini to combined thermal & electrical stimulation 51099

relation between γ-globulins & plasma cells in marine fish 20793

renal glomerulus of goldfish, electron microscopy 25775

reticulomotor system in dogfish 40734

Salmo trutta & Salmo salar, hosts of trematodes Crepidostomum metoecus & Crepidostomum farionis in Britain 30367

salmon, Crepidostomum infect. (Pol) 33772

salmon, helminth infect. (Pol) 33773

salted fish, factors impeding & accelerating process of rusting (Rus) 33635

Scyliorhinus canicula, anat. & histol. characteristics of müllerian ducts during growth & ovulation (Fr) 38752

species-specific tumors 3449

stickleback Gasterosteus aculeutus, stages in develop. 4981

sting-ray pois. 8515

stonefish Synanceja verrucosa venom, eff. on blood pressure, resp. & heart of rabbits 34408

sturgeon embryonic develop., relation of phosphatases to aerobic glycolytic resp. (Rus) 1724

sucking-fish Lepadogaster, reactions to fresh water after being in sea water (Fr) 26668

telencephalon, topographic cond. (Dut) 7353

teleostean swim-bladder 43002

teleosts, ultrastructure of pituitary (Fr) 26697

tench survival in tricationic solutions containing magnesium (Fr) 26929

Torpedo marmorata, morphol. of sensory appar. of Savi (Fr) 34435

tox. to chicks of histamine formed during microbial spoilage of tuna 47631

toxins of poisonous fishes, determ. by response of mongoose to ingestion of fish 20750

transform. of protractile mouth into suctorial tubular snout in coralline & littoral fish (Fr) 38655

tuberc., review 47902

venom appar. of weeverfish, review 11303

vitamin B12 content of organs of marine fish 29847

wholesale pois. by marine microorganisms 9614

## FISH LIVER OILS

***injurious effects***

cod liver oil, causing lipoid pneumonia in inf. (Nor) 54952

***therapeutic use***

cod liver extract suppositories, in hemorrhoids (Ger) 4053

cod liver oil hollandex silicone ointment in skin dis. 17675

cod liver oil-neomycin sulfate ointment in ther. of burns & ulcers (Fr) 43819

cod liver oil-stilbene-apathogenic live yeast-live Bacillus vaginae prep. in nonspecific bact. infect. of vagina (Ger) 18942

varicocid in veruca (Pol) 44187

## FISTULA

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

***surgery***

difficult fistulas 19981

***therapy***

tuberc. fistulas, local application of blood clot (Hun) 45472

## FISTULA, ARTERIOVENOUS

(It) 44329 53762

carotid cavernous fistula, diag. & surg. 12052

coronary, diag. & ther. 54703

hepatoportal (Fr) 42415

lung, pathol. & local excis. 54676

***case reports***

aortocaval & hepatoportal with kidney ischemia, develop. after gunshot wound of abdom. 1230

cavernous sinus, posttraum. (Ger) 35589

coronary, congen. 46810

coronary, with congen. aneurysm of coronary artery 38445

femoral, with pulsatile aneurysm (Sp) 12996

glomerular type of ear auric. (Fr) 47468

lungs, with & without aortic stenosis of rheum. pathogen. (Fr) 45542

palate 20141

pulm. arteriovenous aneurysm, alone & with rheum. aortic stenosis 38018

retina, congen. 38064

temporal artery & vein, caused by blow on temple by hockey ball 2269

uterine artery & its branches (Ger) 36010

***complications***

carotid cavernous, spontaneous, with bilateral internal carotid aneurysm 14562

carotid-cavernous, with bilateral exophthalmos (Fr) 19772

***etiology and pathogenesis***

aortocaval fistula caused by arteriosclerotic aneurysm, translumbar abdom. aortography 8570

fract. of femur causing popliteal arteriovenous aneurysm, surg. indic. & case report (Fr) 409

kidneys, caused by bact. endocarditis (Fr) 31110

metacarpal hemangioma of thumb with arteriovenous fistulae of thumb (Fr) 51447

***experimental***

cardiovasc. & renal adjustments to femoral arteriovenous fistulas in dogs 14994

***manifestations***

congen., intracranial, hemato-metakinesis & local vasc. changes (It) 9764

***pathology***

brain (It) 19249

in chronic venous insuff. of legs, histopathol. study (It) 42495

valves in venules draining fistulae in foot, histopathol. study (It) 42496

***physiology***

blood pressure measurements (Rus) 45670

eff. of surg. on cardiac activity in traum. arteriovenous fistula (Rus) 18249

***surgery***

coronary artery-right ventric., surg. 145

elbow, transpl. of artif. graft with preserv. of continuity of humeral artery (Fr) 974

innominate artery (Rus) 10750

of traum. fistulas & aneurysms, follow-up statist. 25046

patent, of sole of foot in pseudo-obstruct. ischemic synd. of legs (It) 39871

## FISTULA, VESICOVAGINAL

***case reports***

vesicovaginorectal, giant 8015

***etiology and pathogenesis***

gunshot wound causing vesicovaginal-rectal fistula, single-stage closure (Rus) 51180

late radionecrosis, surg., colpectomy, case reports (Fr) 28685

*surgery*
- African cases (Fr) 2013
- bi-uretero-ileo-rectoplasty in insuturable cases, modified Coffey technic (Fr) 41472
- fibrocytoplasty (Fr) 10592
- indic. & technic (Fr) 54051
- of postop. fistula after hysterectomy (Pol) 27595
- repair technic 26419
- repair with plug of rolled vaginal wall graft, Döderlein technic (Ger) 55742
- 55743
- results (Ger) 11435
- statist. (Ger) 55748
- use of looped ureteral catheter in repair 650

*therapy*
- cortisone 26375
- radium ther. (Ger) 22757

**FLATFOOT**
- 50628
- definition & anatomical relation to shoe & foot flare patterns in child 16736
- flat foot contracture, relation to synostoesis (Fr) 26206
- physiol. & ther. 1564
- prev. & ther. in child. & adolescents (Rus) 7924
- relation to peripheral vasc. dis. (Pol) 30821
- relation to poor shoes (Ser) 51713

*diagnosis*
- congen. talonavicular dissoc., x-ray diag. 53732

*etiology and pathogenesis*
- (Ger) 34260
- congen. (Ger) 34280

*in infant and child*
- surg. (Dut) 29961

*surgery*
- congen. valgo-convex pes planus (It) 2005
- Kuslik technic, late seq. (Rus) 43391
- paralytic cases (Pol) 38457

*therapy*
- (Dut) 39552

**FLAVINS**
- 6-chloro-7-methyl-9-(1'-D-ribityl)isoalloxazine utilization by Lactobacillus casei 25406
- fluorescent flavin substances in eye of frog Rana nigromaculata (Fr) 26728

**FLAVOBACTERIUM**

*infections*
- meningitis in newborn, case reports (Fr) 36199

**FLAVONES**

*see also* VITAMIN P
- 4,6-dimethoxyaurones, synthesis & properties (It) 31720
- flavonoids of broom weed Amphichyris dracunculoides 16728
- pharmacol. & ther. use in kidney dis. (Ger) 32969
- 3,4',5-trihydroxy-7-methoxyflavazone from cherry-tree heartwood, isolation & structure analysis (Fr) 37845

*determination*
- flavonoids in cacao, chromatographic identification & separation from phenolic acids 13709

*effects*
- apigenin, bronchodilating eff. in guinea pigs (Ger) 36556
- apigenin on histamine liberation (Cz) 38239
- flavone-hydroxyacetic acid esters on coronary vessels, dilating activity (It) 3546
- flavonoids, inhib. of tween shock in dogs 15720
- flavonoids on pituitary-adrenal axis 14135
- flavonoids, spasmolytic eff. on isolated bowel, relation to structure (Ger) 30605
- flavonoids with ascorbic acid, on radiosensitivity of mouse mammary carcinoma 37624

*metabolism*
- incorporation of transcinnamic acid in cherry tree Prunus avium (Fr) 26323

***FLAXEDIL** see* **MUSCLE RELAXANTS**

**FLEAS**
- control in prev. of plague (Rus) 18884
- mean number of fleas on rats, relation to prevalence of infestation in southeastern U.S. 891
- of birds of Fair Isle off Shetland Islands 30371
- of rat in Tanganyika 19540
- Orchopeas wickhami, host of Hepatozoon sciuri in squirrels, possible flea vector of infect. 30373
- Polygenis litargus vector of sylvatic plague, exper. statist. (Sp) 1826
- Pulex irritans & Pulex simulans, occurrence in No. Amer. 5604
- schizogregarine Mattesia orchopiae in flea of squirrels in England 30370
- Siphonaptera, appar. for artif. feeding 5609

**FLIES**

*see also* MYIASIS
- Calliphora vicina, electron microscopy of compound eyes (Ger) 51947
- Calliphora vomitoria, dihydroxyphenol metab. in cuticle during puparium 44031
- Chironomus anthracinus & Chironomus thummi, eff. of heat on larval fat body inclusions (Ger) 23078
- classif. by ecol. relation to man & his environment (Ger) 38416
- control, DDT dos.-mortal. curves for susceptible & resist. houseflies 7189
- Crataerina pallida bite causing purpuric dermatitis (Fr) 51396
- Crataerina pallida, biol. (Ger) 34313
- Culicoides furen vectors of mansonelosis in Mexico (Sp) 18851
- Culicoides, review (Por) 1572
- Cuterebra horripilum parasitizing cottontail rabbits in Wisconsin 5605
- desiccation of eggs of crane fly 7259
- Drosophila, desoxyribonucleic acid content of larvae at various phases of develop. (Fr) 1670
- Drosophila melanogaster, catabolism of purines 21709
- Drosophila melanogaster, histol. study of hered. tumor in (Fr) 47999
- Drosophila melanogaster, isolation of hypoxanthine from rosy & maroon-like mutants 54404
- Drosophila melanogaster, new method for delaying pupation 52408
- Drosophila melanogaster, reaction of various wild strains to light (Fr) 38759
- Eusimulium codresani, anat. (Fr) 1425
- fate of β-sitosterol in housefly larvae 19494
- Gasterophilus intestinalis, physiol. of digestion in larvae 30377
- Glossina palpalis infect. by Trypanosoma gambiense, age of fly at time of infected feed 47602
- Glossina sterilization by gamma irradiation 47610
- Haematopota sofalensis n. sp. (Por) 12910
- Heteropsyche sperata, original stages of life spent by larvae in their cases (It) 37464
- infrared spectra of acetone extracts of insecticide-resist. & susceptible house flies 10246
- insemination mechanism in flies (It) 31713
- lipase activity in housefly in various stages of develop. 13393
- midges of Fr. W. Africa, description of species (Fr) 1426
- Musca domestica L. & subspecies, insemination, eff. of various environmental & physiol. factors (It) 31700
- Nemopalpus yucatanensis, description (Sp) 8900
- Oestrus ovis, larval develop. (Fr) 1043
- Philornis as possible virus carriers 44097
- Phlebotomus anticanatus & Phlebotomus dubius, morphol. (Fr) 36544
- Phlebotomus dubosqui, morphol. of sexes & larval forms (Fr) 1427
- Phlebotomus from Fr. Equatorial Africa (Fr) 14441
- Phlebotomus from Fr. W. Africa (Fr) 14440
- Phlebotomus lewisi in Algiers (Fr) 36543
- Phlebotomus moreli from Ivory Coast, morphol. (Fr) 36546
- Phlebotomus similimus & varieties, morphol. (Fr) 36545
- reproductive organs of Musca domestica (It) 31724
- Simulium bivittatum & other Psilopelmia in Mexico, description (Sp) 8901
- Simulium columbaczense, ecol. (Ger) 34334
- Simulium damnosum bites, vertical distribution on human body under different cond. 25063
- Simulium neavei, eradication from Kenya 14460
- Stomoxys sp. feeding on cattle in Uganda, protective eff. of midday housing of animals 7253
- tabanid flies of Ivory Coast, description & distribution (Fr) 1041
- Tabanus, distribution in Russia & relation to water reservoir construction (Rus) 18903
- tachinid flies from Fr. Guiana (Fr) 24120
- Tipula paludosa larvae, early stages of infestation with Tipula iridescent virus 30378
- Tripsella horrida n. sp. from Dutch New Guinea (Ger) 34312

*effect of drugs on*
- benzenethiol & deriv. on DDT-resist. Musca domestica 49353
- DDT on egg-laying by Oscinella frit 52307
- diethylmercaptosuccinic acid O,O-dimethyldithiophosphate on Musca domestica, lack of resist. after prolonged spraying (It) 53817
- Musca domestica wild strain resist. to pyrethrins & pyrethrins-piperonyl butoxide in Sweden 52355
- phenylthiourea on insecticide-resistant Drosophila melanogaster 42980

**FLOUR**

*see also* CEREALS
- irradiated flour, eff. of feeding to dogs on growth 55006

**FLOWERS**
- carotenoid pigments in flowers of Aloe saponaria (Fr) 48912

**FLUDROCORTISONE**
- acetate (Dut) 43587

*determination*
- as 17-ketosteroid after oxidation by bismuth & paper chromatography (Ger) 49906

*effects*
- induction of lipid depletion in zona glomerulosa of rat adrenal cortex 49270
- on gastric acid secretion & on urinary excretion of uropepsin in normals 24830
- on leukocyte count in monkeys after oral admin. (Fr) 3081
- on mechanism of action of alloxan on pancreas (It) 39356

*related compounds*
- Δ1-dehydrofludrocortisone & triamcinolone in ther. of chronic adrenal insuff. (Por) 50088
- 9α-fluoro-16α-methyl-1,4-pregnadiene-11β,17α,21-triol-3,20-dione, antirheum. activity (It) 52078
- 9α-fluoro-16α-methyl-1,4-pregnadiene-11β,17α,21-trinl-3,20-dione, clin. & metab. eff. in rheum. dis. (It) 31733
- 9α-fluoro-16α-methyl-1,4-pregnadiene-11β,17α,21-triol-3,20-dione, ther. of rheum. arthritis 36299
- 9α-fluoro-16α-methyl-1,4-pregnadiene-11β,17α,21-triol-3,20-dione, ther. of rheum. arthritis (It) 42667
- 9α-fluoroprednisolone, eff. on contractile activity & on potassium & sodium content of isolated rat diaphragm (It) 36558
- 9α-fluoroprednisolone, eff. on glycogen, potassium & sodium content of isolated rat diaphragm (It) 36557
- 9α-fluoroprednisolone eff. on liver regen. after partial hepatectomy in rat (It) 21502
- 9α-fluoroprednisolone, use in adrenal cortex inhib. test (Fr) 43970
- fluoxymesterone, eff. on mouse mammary carcinoma cultured in vitro (It) 55089
- fluoxymesterone, eff. on rat adrenal gland, comparison with hydrocortisone (Fr) 38721
- fluoxymesterone in ther. of cancer of breast in advanced stage 51545
- fluoxymesterone ther. of advanced breast cancer, oral admin. 19831
- fluoxymesterone ther. of breast cancer, eff. on clin. course & hormonal excretion 38067
- fluoxymesterone ther. of breast cancer, oral admin. in advanced cases 52663
- 3-methyl-fludrocortisone maintenance ther. of adrenalectomized patients 17238
- new cpds., chem. & ther. use 6183
- triamcinolone 1583
- 7466
- triamcinolone acetonide antiphlogistic eff., comparison with hydrocortisone 28346
- triamcinolone acetonide, pharmacol. (Ger) 42895
- triamcinolone acetonide, ther. of skin dis., topical admin. 11587
- 41001
- triamcinolone, AMA council report 40310
- triamcinolone, antirheum. & metab. eff., clin. & exper. trials (It) 6911
- triamcinolone causing arthritis, case reports 6177
- triamcinolone, clin. trial (Nor) 54951
- triamcinolone, comparison of ther. eff. with prednisolone 6178
- triamcinolone diacetate, ther. of dermatomyositis 48969
- triamcinolone, eff. on form. of talc-induced peritoneal adhesions in guinea pigs (It) 39681
- triamcinolone, eff. on growth in rats 49404
- triamcinolone, pharmacodynamics & clin. eff. (Ger) 42350
- triamcinolone prev. of anaphylactoid inflamm. in rats (Ger) 24313
- triamcinolone ther. causing acute peptic ulcer 1
- triamcinolone, ther. indic. & admin. (Ger) 20607
- triamcinolone, ther. of allergic dis. 38833
- 50129
- triamcinolone, ther. of dis. in elderly men 35700
- triamcinolone, ther. of disseminated lupus erythematosus 2817
- triamcinolone ther. of liver cirrhosis & hepatitis, clin. study & review (It) 47820
- triamcinolone ther. of nummular eczema 18797
- triamcinolone, ther. of rheum. arthritis 36302
- 40516
- triamcinolone, ther. of rheum. arthritis (It) 44377
- 53802
- triamcinolone ther. of rheum. arthritis with & without psoriasis (Sp) 51618
- triamcinolone, ther. of skin dis. 2631 10262 14711 36338 45802

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

triamcinolone, ther. of skin dis. (Sp) 43902

triamcinolone ther. of transitory paralysis, eff. on metab. (Fr) 14377

triamcinolone, ther. use 36337

*therapeutic use*

anal pruritus, fludrocortisone-antibiotic prep. 54543

anogenital pruritus, with crude coal tar & 5,7-dichloro-8-hydroxy-quinoline 12580

hypersecretion synd. of adrenal cortex, inhib. of secretion (Ger) 39890

inflamm. skin dis., topical admin. & comparison with hydrocortisone & prednisolone by double-blind-paired-comparison method 11564

multiple sclerosis, subarachnoid admin., clin. results 29318

otitis externa in dogs, with antibiotics 50290

rheum. arthritis (Ger) 39061

skin dis., fludrocortisone-bacitracin-neomycin ointment (Ger) 51862

skin dis., with gramicidin & neomycin ointment 38838

*FLUID-ELECTROLYTE BALANCE see* BODY FLUID BALANCE

**FLUIDS**

*see also* BODY FLUIDS

*see also* INFUSIONS, PARENTERAL

chart for recording patient's intake & out-take 41026

current of freely flowing fluids, method for registration of intensity (Ger) 33972

eff. of temperature of dietary fluids on blood sugar in exper. animals (Hun) 20168

eff. of venoms & lysolecithin on interfaces (Ger) 33992

pinocytosis 27397

27398

*metabolism*

fluid movements across of wall of small intestine from rats in vitro 47977

*therapeutic use*

fluid-electrolyte ther. in severe asthma in child 21863

massive hydration in congestive heart failure, indic., contra-indic. & eff. on venous pressure (Rum) 44000

*FLUKES see* TREMATODES

**FLUORENE**

*related compounds*

N-2-fluorenylacetamide & N-2-fluorenyldiacetamide inhib. of rat liver 3-hydroxyanthranilic acid oxidase, eff. of coenzyme I 52331

N-2-fluorenylacetamide, eff. on incorporation of uracil-2-C14 in liver ribonucleic acid in rat 2677

N-2-fluorenylacetamide, eff. on retention of phosphorus-32 in male rats (Ger) 32668

N-2-fluorenylacetamide induction of bladder tumors in rats, role of indole in incidence 31310

N-2-fluorenylacetamide, induction of exper. cancer in hamsters (Rus) 33577

N-2-fluorenylacetamide induction of tumors in rats, influence of high-protein high-nucleic acid diet on incidence 31309

N-2-fluorenylacetamide metab. in guinea pig & rat, comparison 26454

N, N'-2, 2-fluorenyldiacetamide carcinogenesis, role of pituitary gland 41189

**FLUORESCEIN**

fluorescein string test for localization of upper gastrointestinal tract hemorrh. 22026

intravenous inject. & measurement of fluorescence of skin of legs in diag. of peripheral vasc. dis. (Fr) 43959

labeling of antibodies, technic & applications 3768

permeability of blood-aqueous humor barrier, eff. of human tissue & tumor antigens (Ger) 28861

sodium fluorescein in study of eff. of intracutaneous inject. of blood proteins, blood serum & histamine on capillary permeability in normal humans 23708

sodium fluorescein in study of eff. of intracutaneous inject. of blood serum & histamine on capillary permeability in eczema. 23709

*determination*

fluorescein-conjugated gamma globulin, electrophoresis 29812

*related compounds*

azure eosin staining of tissue components, reduction by acetylation & nitrosation of amines 17386

fluorescein isothiocyanate for fluorescent-antibody technic with modified application, value 20790

fluorescent sulfonic acid dye labelling of blood proteins, value in diag., immunol. & histochem. (Ger) 46172

isocyanatofluorescein, eff. of coupling with various enzymes on their activity (It) 37360

prep. of isothiocyanate of fluorescein as labeling agent for immune serums 13468

rose bengal localization in liver after admin. to guinea pigs & rabbits, radioautographic determ. (It) 37445

rose bengal permeation of caseous material from human & exper. sources, radioautographic determ. (It) 37446

**FLUORESCENCE**

blue fluorescent substances produced by aerobic N10-formylation of folic acid in liver homogenates (Ger) 46175

fluorescence microscopic demonstration of eosinophil granules with aniline blue (Ger) 48065

fluorescent dyes, eff. on cervical cytol. in lesions of uterine cervix after parenteral admin. (Fr) 24148

fluorescent pteria & flavin substances in eye of frog Rana nigromaculata (Fr) 26728

green & violet fluorescent cpds., prod. in Clostridium acetobutylicum cultures, parallelism with vitamin B12 synthesis 25915

measurement in living & model systems with photomultipliers (Rus) 18163

metachromatic fluorescence prod. in tissue cultures by acridine orange (Ger) 11280

of adsorbed water 7226

of complexes of glyceraldehyde-3-phosphate dehydrogenase & lactic dehydrogenase with co-enzyme I 40508

of oxidation products of reserpine 16710

of powdered vegetable drugs under ultraviolet rays 16700

of tumor tissue in ultraviolet light in tetracycline-treated mice 843

of uridine diphosphogalactose-4-epimerase of yeast, relation to its activity 47708

**FLUORIDATION**

causing chronic fluoride pois. with cutaneous manifest. (Ger) 39799

39800

controversial subject in U.S. 17518

eff. of excessive fluoride in water on bone chem. 8441

eff. on physiol. indices in adults (Rus) 3821

excess fluorine in water supply causing mottled enamel (Sp) 8969

5-year follow-up of fluoridation in Norway, Maine 52619

fluoride deposition in bones after prolonged ingestion in drinking water 8440

in Finland, fluoridation & natural fluoride content of water (Fin) 21993

in Russia, review (Rus) 39582

in Sweden (Sw) 10154

layman's viewpoint 4404

microscopic bone changes after prolonged ingestion of fluoride in drinking water 8439

of food (Sw) 23114

plebiscite on continuing fluoridation in Thorold, Ontario 14834

prev. of dent. caries (Sp) 8969

prev. of dent. caries & malocclusion in Kansas schools 50885

prev. of dent. caries, evaluation (Fr) 21354

prev. of dent. caries, importance of constancy & adequacy of fluoride concentration 35845

prev. of dent. caries in child. (Pol) 30397

prev. of dent. caries, report of WHO Expert Committee on Water Fluoridation 11082

prev. of dental caries in child. (Ger) 52172

**FLUORIDES**

etching of radiation damage in lithium fluoride 7174

*determination*

amperometric titration with ferric chloride (Dut) 43583

sodium silicofluoride, colorimetric determ. in raticides (Rus) 3816

*effects*

calcium fluoride dust-induced tissue reactions in lungs of rats 26042

caries-inhibiting eff. of dentifrices containing stannous fluoride 40235

eff. of prolonged ingestion 4421

induction of rickets in pigs, mechanism, review 7566

inhib. of skeleton form. in sea urchin 27405

natural fluorides on dent. caries incidence in Georgia cities 53670

pharmacol. eff. of traces of fluoride 47734

sodium fluoride inhib. causing edema of kitten retina in vitro 48213

sodium fluoride, inhib. eff. on dent. caries in rats 50139

sodium fluoride on bile secretion in rats (Fr) 3088

sodium fluoride on tonic & tetanic reactions of isolated musc. fibers of frogs & rats (Rus) 13844

stannous fluoride, eff. of micro-concentrations on dent. x-ray films 50135

*injurious effects*

allergic reactions 4268

*metabolism*

bone & soft tissue deposition & fluorine toxicosis following dietary sodium fluoride in dairy cows 5545

deposition in soft tissues after skeletal saturation in rats 31313

eff. of fats on retention in rats, review 43285

retention by bones, kidney, myocardium & liver, eff. of dietary fats in rats 5542

storage in bones 27512

*poisoning*

sodium fluoride pois. causing hypochromic anemia, in rabbits, with increased blood iron (Fr) 26795

sodium fluoride pois. in child by ingestion of mislabeled drug (Fr) 34753

*therapeutic use*

dent. caries. prev., topical admin. in child. (Sp) 31869

sodium fluoride & stannous fluoride prev. of dent. caries, topical admin. 8455

stannous fluoride prev. of dent. caries, local application, Minnesota survey 20901

*toxicity*

3-fluoro-propane-1, 2-diol, metab. mechanisms of tox. 13721

red fuming nitric acid-hydro-fluoric acid vapor mixture, acute tox. in rats & mice 33

tetrafluoroethylene, in exper. animals (Rus) 33328

**FLUORINE**

availability from sources other than water, review 43291

bone content in humans in relation to age & to water supply 17889

in water supply, eff. on eruption of teeth & on caries incidence (Fr) 31067

in water supply in Belgium (Fr) 26195

*determination*

in cacao seeds & in tea leaves (It) 37424

in kidney calculi (Ger) 11325

in urinary apatite-containing calculi 5936

normal levels in bees (Fr) 3037

spectrophotometric determ. in water, review (It) 31719

*effects*

on blood catalase & phosphatase activity in rabbits (Rus) 33337

on calcium metab. of bones in normal, vitamin D2-treated & rachitic rats (Ger) 28068

on solubility of bone salts 4783

on thyroid iodine metab. in hyperthyroidism 17025

*injurious effects*

excess in drinking water causing dental fluorosis in Saint Vincent Island (Ger) 12905

*poisoning*

dent. fluorosis in Saudi Arabia 47205

fluorosis, case report (Sp) 21218

fluorosis of bone, case in So. African native 9803

recovery of rat kidney in fluorosis 34945

**FLUOROSCOPY**

cardiac fluoroscopy, indic. 24338

cinefluorography & its med. applications (Sp) 53966

cinefluorography, technics of film analysis in diag. & research 16938

clin. value of fluoroscopy alone 19821

mass photofluoroscopic exam. for tuberc. in Italy (It) 1103

of movements during breathing, mediastinal window technic (Pol) 38106

photofluorography in detection of bronchopulm. dis. caused by abnorm. (It) 1539

shoe-fitting fluoroscopes, outlawing in Pennsylvania 12235

televised fluoroscopy of bile ducts (Fr) 41400

vasc. fluoroscopy of legs, indic. & technics (Fr) 54443

*apparatus and instruments*

automatic primary diaphragm (Cz) 14886

*in various diseases*

pediatric dis., evaluation of image intensification technics 53718

pulm. stenosis 50825

*injurious effects*

radiodermatitis caused by prolonged fluoroscopy (Por) 50076

**FOCAL INFECTION**

dental, relation to rheum. arthritis of hip 52848

neural pathol. & ther. (Ger) 4057

pulm., postop. (It) 36969

significance of body constitution (Ger) 35593

streptoc. tonsillitis (Ger) 38971

tonsils, diag., compl. & surg. indic. (It) 42755

*diagnosis*

cutaneous projection tests (Ger) 18913

tonsils, antistreptolysin reaction (Ger) 49034

tonsils, serum antistreptolysin O determ. (It) 52943

*in aged*

ther. (Sp) 32452

*manifestations*

autonomic dystonia (Ger) 11213

gyn. dis. (Ger) 55381

myelosthenia (It) 44169
nephritis (Fr) 9071
nephritis (Ger) 38953
rheum. (Ger) 41704
unusual manifest. (It) 35164
urticaria in dent. infect., incidence & case reports 2938
Wolff-Parkinson-White synd. (Ger) 22958

*psychology*

eff. of psychogenic factors on resp., blood pressure & EKG (Ger) 54319

**FOLIC ACID**

purification 54409
review 37995

*deficiency*

causing megaloblastic anemia, pathogen. mechanisms 20709
eff. of myoglobin content in skeletal musc. of guinea pigs 41229
with megaloblastic anemia & hyposplenism in multiple mesenterial cysts (Ger) 54357

*determination*

in purified Miyagawanella prep. 17468

*effects*

antag. of cortisone in rats (Sp) 950
antag. of pyrimethamine tox. in chickens 29870
antag. toward thymine during tumor-inhib. by 2-thio-5-methylcytosine (It) 33377
on mitosis in normal & regenerating rat tissue & on mitosis & growth of Yoshida sarcoma in rat 24840
potentiation of eff. of various choline cpds. on isolated guinea pig ileum stripe 36600
reduction of cortisone-induced cleft palate in mouse embryo, alone & with vitamin B6 5211

*in blood*

clearance of intravenous folic acid in normal & megaloblastic anemic patients 26035

*in urine*

determ. after oral admin. by paper chromatography & fluorometry (Ger) 18326
excretion test in differ. diag. of steatorrhea, modified Girdwood technic 15945

*injurious effects*

allergic reaction (Pol) 43636

*metabolism*

conversion to leucovorin in rats, reaction factors 16927
discord., role in pathogen. of hyperchromic anemia, review (Ger) 33911
in pernicious anemia, eff. of vitamin B12 ther. 38627
liver homogenates, production of blue fluorescent substances by aerobic N10-formylation of folic acid (Ger) 46175
liver, mechanism of enzymic N10-formylation in homogenates (Ger) 49904
review 1258

*related compounds*

leucovorin form. in developing chick egg, eff. of folic acid antag. 25428
leucovorin requirements of Plasmodium lophurae & Plasmodium flaciparum 17255
methylfolic acid, prod. of abnorm. in mice (Fr) 3076
methylfolic acid, teratogenic eff. in cats (Fr) 15085
tetrahydrofolic acid interaction with formaldehyde, relation to enzymic synthesis of serine 52314

*therapeutic use*

folic acid with vitamins B12, C, & PP in liver cirrhosis & evolutive hepatitis (It) 29598
pernicious anemia, with vitamin B12, studies in patients treated over 10-year period 50704
prev. of cleft palate & harelip in offspring by maternal admin. 30657

**FOLIC ACID ANTAGONISTS**

*see also* AMINOPTERIN

*effects*

amethopterin alteration of homograft reaction in lethally x-irradiated mice treated with homologous marrow 44103
amethopterin, metab. eff. in women with metastatic choriocarcinoma 48574
amethopterin on formate incorporation into purines in mice bearing amethopterin-susceptible & -dependent leukemia 25413
amethopterin on purine biosynthesis of susceptible & resistant TA3 ascites cells 38091
amethopterin-resist. of Bacillus subtilis, influence on reaction to various other cpds. 2709
4-aminopteroyl amino adipic acid, on growth of transplanted tumors & nucleic acid synthesis, with dopane (Rus) 55299
on leucovorin form. in developing chick egg 25426

*therapeutic use*

amethopterin in acute leukemia, with 6-mercaptopurine, comparison of different regimens 25925
amethopterin in choriocarcinoma & related trophoblastic tumors 16565
amethopterin in metastatic trophoblastic tumors 46926

**FOLKLORE**

*see also* MYTHOLOGY

*see also* SUPERSTITIONS

eff. of soc. beliefs & customs on sanitation progr. 24643
fairy tales as medium for group psychother. (Ger) 4041

**FOLLICULITIS**

nares perforans 42138

*case reports*

agminate micrococcal folliculitis 13671
decalvans 37551

**FOOD**

*see also* RESTAURANTS

additive & antibiotic contamination of food, pub. health factors 24642
additives, non-nutritional, hyg. significance (Rus) 33632
additives, tox. (Rus) 22682
agricultural products, inspection & prev. of fraud in prep. & sale, in Italy (It) 21477
allergic resp. manifest., trial induction by various sensitising foods (Sp) 9716
allergy causing atopic dermatitis in inf. & child., review 36237
allergy causing headache 10411
allergy causing vertigo, case reports (Sp) 9696
allergy in asthma (Sw) 45348
allergy in child., manifest. & allergen detection 1475
allergy, seasonal & geographic influences 28027
antibiotics in food technol. (Ger) 52210
antigenic similarities between atmospheric fungi & food (Sp) 32440
antigenic similarities between food & inhaled allergens 32441
availability of amino acid to man from foods, determ., general methods 5556
availability of lysine in various food prep., review 20040
bread, bact. contamination of surface (Rus) 49799
bread, content of vitamin B1, vitamin B6 & nicotinic acid (Ger) 16387
bread, nutritional & digestive aspects of consumption & contraindic. for use in various dis. (Fr) 2473
carotene content (Ser) 39708
changing food habits by group discussion 16553
chloride content, mercurimetric determ. (Rus) 22687
conditioned & complex reflex food stimulation, eff. on leukocyte count (Rus) 37174
consumption, eff. of sodium salicylate in rats 28573
consumption of cattle, eff. of heat stress 8278
consumption of rats after salivary gland excis. 17202
consumption, role in mortal. of x-irradiated rats subjected to cold exposure 12530
contamination by insecticides, health hazards (Ger) 4036
contamination by radiations, eff. 6774
contamination by radioactive material 31574
contamination by radiostrontium 20585
contamination by radiostrontium & disposition after fallout in United Kingdom 19541
contamination by radiozinc, concentration & deposition in man 44973
contamination by tin, determ. in food products, cacotheline method (Rus) 33637
contamination with acrylonitrile, determ. method 28409
content of agricultural chem. substances, standard. (Rus) 22681
cooked with fats high in polyunsaturated fatty acids, comparison with hydrogenated fat 50154
cooking, influence on nutritional value & cobalt content 16329
detection of glass splinters in food products by x-rays & ultrasonics (Rus) 33640
edible molluscs, inspection & control of sale in Italy (It) 36225
eff. of cooking on vitamin B1, vitamin B2 & nicotinic acid content 4184
eff. of foodstuff on pH of dental cavities 16536
eff. of ordinary & excessively fatty breakfast on gastric antral motility 15946
eff. of processing & handling on foods 28118
eff. of sham feeding on basal metab. in dogs (Rus) 48001
eff. on leukocyte count (Rus) 1743
eff. on pancreatic juice secretion & composition (Rus) 37169
eff. on 3-hour thyroidal uptake of radioiodine 4852
enrichment with vitamins & minerals for better nutrition 16387
family meals of population in rural India, qualitative analysis 27973 27974
fatty acid composition 16548
fluoridation (Sw) 22114
food supply of German frontier guard outposts, nutritional evaluation (Ger) 40175
food vending machines, pub. health ordinances & codes 20885
goitrogenic eff. of Brazilian food (Por) 16124
goitrogenic eff. of vegetable & other foods, possible role of their thiocyanate contents (Ger) 27905 27906
hosp. purchasing practices & procedures 27938
hyg. testing of daily food ration in resort (Rus) 33642
hygienic & sanitary survey of foreign substances in foods 29397
Icelandic smoked foods, determ. of content of polycyclic hydrocarbons 25995
improper eating & drinking habits, physiol. eff. (Ger) 15325
in Finland (Fin) 32709
inspection & hyg. control of food products in Switz. (Ger) 29778
intake in young rats, eff. of CNS stimulation (Cz) 38198
intake regulation by osmotic concentration of stomach in rat 17083
low-calorie survival rations for armed forces personnel, physiol. eff. (Fr) 21256
malt candy, determ. of sugar composition (Ger) 42828
minor chem. constituents 40243
naturally occurring $\alpha$-ray activity of foods 49852
nutritive values (Ser) 39707
pitfalls in promotion of food 4428
plant inspection program in Canada 2587
preferences of monkeys 5114
prod., sanit. train. of workers (Rus) 3830
protein-base sandwich fillings, bact. growth, pH & palatability of egg, ham & turkey fillings mixed with various relishes or flavorings 50157
radioactivity of Swiss foods (Ger) 40195
rations for polar travel 8275
reports on laboratory research in Switz. (Ger) 29779
residue tolerances for pesticides in & on food, Canadian regulations 14635
sanitary evaluation of food indust. plants in USSR (Rus) 33336
sanitation in Nebraska 7260
state control, role of quantitative bacteriol. analysis (Ger) 25237
sterilization by radiation (Rus) 39604
supply plan for German Federal Army based on findings of nutritional physiol. (Ger) 25256
tapioca macaroni as rice replacement, eff. on calcium, phosphorus & nitrogen metab. in undernourished child. 37594
tapioca macaroni as rice replacement, eff. on general health & nutrition of child. 37586
toleration of hot food in mouth & stomach, role of cooling amplitude (Ger) 25245
vitamin B6 content in Danish foods 40185
vitamin C enrichment for armed forces (Rus) 10889
vitamin C in fresh & preserved food, field equip. for determ. (Rus) 10890
war food shortages, relation to incidence of diabetes mellitus in Japan, review 7564

*microbiology*

cold food products (Hun) 19750
eff. of cooling rate of foods on bact. growth 16554
inhib. of Clostridium botulinum & Penicillium species growth in aged, surface ripened cheese 47628
isolation of Salmonellae from food samples on dulcitol lactose iron agar differ. tube medium 1306
Micrococcus aureus, rapid detection test 47625
Micrococcus pyogenes in potato & turkey salads, eff. of pH 40247
tox. to chicks of histamine formed during microbial spoilage of tuna 47631

**FOOD POISONING**

*see also* BOTULISM

*see also* LATHYRISM

*see also* SALMONELLA INFECTIONS

barracuda pois. in Puerto Ricans 13890
neurol. disord. from ingestion of contaminated fish, Minamata dis. 10364

*diagnosis*

bacteriol. quantitative analysis (Ger) 25237
rapid test for detecting Micrococcus aureus in food 47625

*epidemiology*

outbreak in Kerala 17434

*etiology and pathogenesis*

Bacillus cereus (Ger) 55500
berries (Rus) 55800
micrococcal endotoxins, review (Sp) 8955
Micrococcus pyogenes toxins, review 16446

Pseudomonas enteritis, proposed name for bact. species isolated from feces 33886

***prevention and control***

in Gt. Brit., food hyg. regulations 44855

***statistics***

in England & Wales 29790

in U. S., 1957 outbreaks 8435

## FOOD PRESERVATION

***see also*** REFRIGERATION

bottle rinsing in food plants (Ger) 20099

by irradiation (Fr) 52102

by irradiation, eff. on carotene & vitamin C in food products (Rus) 33624

by irradiation, microbiol., review 25124

cucumber pickling, eff. of chlorine in brine on biol. processes (Ger) 25255

freezing precooked foods for later use in hosp., advantages 7026

potato irradiation by radiocobalt for arrest of sprouting, hyg. aspects (Rus) 33633

research needs in new processing technics 44268

time-temperature tolerance in frozen foods 50156

use of paraffin (It) 54233

## FOOT

***see also*** ANKLE

***see also*** HAND AND FOOT

***see also*** HEEL

***see also*** IMMERSION FOOT

***see also*** METATARSUS

***see also*** TOES

care, hazards of indiscriminate use of moulded shoes 16733

care in school child. 50276

care in U. S., responsibilities of med. profession & shoe indust. in youth foot-health fitness program 16737

foot forms & foot disord. among non-shoe & shoe-wearing Chinese population 16973

measurements, heel-to-ball & ball-to-heel measurements for shoe fitting 16735

***abnormalities***

***see also*** CLUBFOOT

***see also*** FLATFOOT

acquired & congen. deformities in child., ther. 16320

classif. (Ger) 39019

corrective plastic inlays for shoes (Ger) 39954

cuboides secundarium (Ger) 34250

equinus deform., correction in patients with cerebral palsy 40615

imbalance, ther., fabrication of balance inlays from leather inserts 16739

imbalance, ther., office fabrication of balance appliances 16740

pronated foot, surg. correction 40631

shoe ther. & compensatory balancing in child. 16734

symptomatic calcaneonavicular anomalies, surg. indic. 54719

talipes cavus, surg., late compl. (Dut) 29963

***anatomy and histology***

comparative anat. & evolution of human foot (It) 44806

form variations in newborn inf. (Ger) 34286

plantar aponeurosis & fascial vaginae (Rus) 47864

***blood supply***

plantar arteriovenous communications, dilatation as cause of vasc. damage to contiguous areas 11812

***diseases***

bursitis with hallux valgus & plantar neurofibrous heloma, corrective ther. with latex forefoot device 4588

callus & helomata, diag. wiring for x-rays 4579

caused by improper shoes (Fr) 38785

chronic infect. caused by diabetic circ. disord. (Ger) 11393

distortion of collum of foot (It) 19214

etiol., correlation with leg inequality, statist. 4591

funct. disord., ther., modified insoles for shoes 20555

fungus dis., clin. manifest. & ther. (Ger) 25301

fungus dis., evaluation of mosaic fungi (Rus) 55196

fungus dis., prev. with formalin-iodine-tannin prep. (Rus) 45638

fungus dis., ther., antimycotics, value of skin tests before ther. (Ger) 29470

granuloma annulare in child, case report 40391

in aged, nursing home care 50275

mycetoma caused by Nocardia brasiliensis (Sp) 21170

neurogenic arthropathy in diabetes mellitus, case report (Hun) 52926

orthopedic dis. (Ger) 39011

osteomyelitis, determ. of protein content of affected long bones (It) 44844

pain in sole of foot caused by arthrosis of sesamoid bones, x-ray diag. (Rus) 52914

painful disord., ther. 29281

plantar dermatitis venenata caused by floor wax, case report 16743

plantar keratosis with scarring beneath lesser metatarsal head, surg. technic, case report 4594

plantar neuritis, caused by ganglion & hemangioma 8114

plantar verruca, new ther. regimen 13674

plantar verruca, surg., excis. & curettage, indic. & technic 50271

plantar verruca, ther., radiother. 45916

plantar verruca, ther., sodium tetracyl sulfate 16750

rheum. arthritis, localized 41178

ringworm, prev. & ther. (Rus) 22516

ringworm, ther., acetic acid solution (Rus) 45652

ringworm, ther. & prev. of reinfection by sterilization of footwear 50272

skin dis., ther., topical hydrocortisone with iodochlorhydroxyquin 4572

static, ther., chiropractic (Ger) 49876

ther., corrective shoe ther., ripple sole shoe alterations 16738

ther., prednisolone 21-phosphate inject. 16746

ther., ultrasonics 4576

***foreign bodies***

glass 16754

needle fragment causing pain simulating circumstantial metatarsalgia 4578

***fractures***

surg., resection for fract. of medial sesamoid, case report 16745

***gangrene***

caused by diabetes mellitus, heparin ther. 51547

***in various diseases***

hyg. in diabetes & impaired circ. disord. 50277

musculoskeletal tension synd., manifest. 4589

***neoplasms***

Ewing's sarcoma in child, radiother. (Fr) 18009

fibroma removal from dorsal aspect of foot 4583

ganglion, causing plantar neuritis 8114

granuloma & keloids, reduction by hydrocortisone ointment 4580

***paralysis***

in patients with sciatica (Pol) 43674

***pathology***

osseous lesions in diabetics (Pol) 53157

***physiology***

arch, eff. of amputation of opposite leg (Rus) 42413

groping phenomena in normal & pathol. cond. 2022

lateral dominance in child. in relation to reading difficulties, Harris tests (Sp) 36845

static equilibrium (Ger) 41717

Weinert's theory of wringing funct. of skeletal system (Ger) 13955

***surgery***

amputation & dearticulation in tropics (Fr) 6418

extra-articular arthrodesis of subtalar joint by Grice's method in cerebral palsy 16584

intramedullary nailing, technic & statist. (Sp) 38533

transparent plastic spray-on bandage in orthopedics 40389

***ulcers***

caused by chromium in metal worker, with edema & physiopathic disord. of legs (Fr) 47768

neurotrophic, diag. & ther. 4496

perforating, caused by leprosy, ther. 33133

trophic in leprosy, ther., intra-arterial hydergine 50028

with cervical lipomatosis & syringomyelia (It) 52934

***wounds and injuries***

caused by explosion in mines (Fr) 8244

occup., problems in rehabil. 5214

surg., conservative amputation with dermatoplasty in extensive inj. (Rus) 43379

## FOOT AND MOUTH DISEASE

***experimental***

histopathol. in guinea pigs 5683

relation of specific adaptation phenomenon of type C virus in young rabbits to age (Fr) 47408

***immunology***

antibody detection in vaccinated cattle by direct complement fixation 12765

antibody reaction in cattle (Ger) 23162

anti-foot & mouth dis. guinea pig serum, electrophoretic composition & antibody studies 5146

antigen increase in newborn unfed calf, significance for vaccine prep. (Ger) 55669

new technic for quantitative determ. of immunity (Fr) 3054

prep. & titration of antiserum from cattle (It) 53829

prod. of neutralizing antibodies & complement-fixing antibodies in cattle by type C rabbit-adapted virus (Fr) 38635

specific antigen prod. in tissue culture cells, determ. with fluorescent antibodies (Ger) 34480

***pathology***

skin & oral mucous neural changes in cattle (Rus) 25760

***virus***

adsorp. & penetration of virus & stages of multiplication in tissue culture 19489

C strain, plaque assay method in swine kidney monolayer tissue culture (Fr) 36083

cytopathogen. eff. on swine kidney tissue cultures (Fr) 13045

differentiation from vesicular stomatitis viruses by complement fixation 12768

eff. of temperature on multiplication in pig kidney cell suspensions 52346

infectivity of ribonucleic acid from mice & tissue culture infected with virus of foot & mouth dis. 7238

inhib. between types O & A4 in vitro (It) 31712

interference between inactivated virus & active virus in vitro (It) 31711

neutralization by immune sera & complement deviating activity of virus antigens (It) 31710

plaque form. of O, A & C virus types in culture (Ger) 25174

type C cattle virus, adaptation to brain of mice 24216

***FORCEPS, OBSTETRIC*** ***see*** OBSTETRICS, ***apparatus and instruments***

## FOREARM

***see also*** RADIUS

***see also*** ULNA

***abnormalities***

radiocubital synostosis with ocular abnorm. & ment. defic. (Fr) 5318

***anatomy and histology***

oblique cord of forearm, morphol. significance & funct. 16794

***blood supply***

circ. changes during exper. insulin hypoglycemia in young adults, measurement 17944

flow rate, eff. of hydrostatic pressure in venous occlusion plethysmograph 17971

vasc. resist. changes during exper. hypoxia in young adults, mechanism 17960

***diseases***

myositis ossificans, progressive, case report 35074

pseudoarthrosis, surg., Ptemister method 36870

***dislocation***

conservative ther., remote results (Rus) 52856

***fractures***

conservative ther. & surg., results 14701

diaphysial, surg. fixation of pseudarthrosis (Nor) 54983

fract.-dislocs. of head at elbow joint, fixation with Kirschner wire 48777

Monteggia fract. (Ger) 23175

subacromial, funct. ther. (Ger) 42881

surg. (Bul) 28735, 29736

surg., autoplastic bone graft (It) 19213

torsion fract. after grenade & spear throwing, mechanism & case reports (Cz) 35043

***gangrene***

diabetes mellitus complicated by gangrene of hand & forearm, case report (Hun) 52904

***muscles and tendons***

flexor digitorum profundus tendons, anat. study 16793

pronator quadratus (Ger) 42913

***wounds and injuries***

burso-ligamental appar. of lower radiculnar articulation in athletes (Rus) 52857

massive avulsion of skin, transpl. of large skin flaps (Rus) 18330

## FOREIGN BODIES

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

***see also*** BEZOARS

electronic appar. for detection of metallic & non metallic for. bodies (Fr) 23665

metallic, tissue reaction in rats 50381

x-ray aspects of glass embedded in tissues 23377

***FORENSIC MEDICINE*** ***see*** MEDICINE, LEGAL

## FORMALDEHYDE

in air, permissible concentrations (Rus) 3819

interaction with tetrahydrofolic acid, relation to enzymic synthesis of serine 52314

reaction with emetine (Ger) 47668

reactions with 8-hydroxyquinoline deriv. (Ger) 36459

reactions with peptones, properties of resulting cpds. 41304

reactions with tobacco mosaic virus ribonucleic acid, inactivation concentration & mechanism 1689

***determination***

in biol. systems, review 6752

in polio. vaccines, technic (It) 9349

***effects***

bactericidal action, eff. of addition of peptones 41305

disinfect. of fabrics with gaseous formaldehyde 40894

formol on immunol. properties of ovalbumin (Fr) 38699

inactivation of influenza viruses by formaldehyde - lactase prep. in vitro (Ger) 36921

inactivation of polio. virus (Ger) 46259

inactivation of polio. virus in partially purified & concentrated Brunhilde strains (Ger) 55685

induction of edema of rat paw in thyroxin-treated rats, anti-inflamm. eff. of phenylbutazone & response to aprobarbital (Ger) 49341

mutagenic antag. by adenine at various concentrations of formaldehyde 7222

on blood cholesterol, lipids & proteins in rabbits on high cholesterol diet, comparison with acetaldehyde (Fr) 26319

on infectivity of influenza viruses, cond. & mode of inactivation 23785

on nasal mucosa, adaptation ability in rats (Ger) 22778

***injurious effects***

contact dermatitis (Ger) 12197

formol & deriv., causing skin dis., in indust. workers (Fr) 47765

***poisoning***

suicide, case report (Fr) 36103

sympt. after ingestion & case reports (Sp) 43912

***related compounds***

paraformaldehyde in photosynthesis of amino acids with fixation of nitrogen in presence of colloidal molybdenum oxide as catalyst 52292

***therapeutic use***

formalin-iodine-tannin prep. in prev. of fungus dis. of foot (Rus) 45638

formol in abarticular rheum. (Fr) 50359

**FORMATES**

formic acid-ion exchange resin method for bone decalcification, evaluation 17712

synthesis of products of higher molecular weight in radiolysis of aqueous solutions of formic acid 44300

***effects***

analgesic action of formic acid prep., evaluation (Sp) 8100

formic acid solution on mutarotation of hexoses & maltose (Fr) 26303

***in blood***

incorporation by leukocytes, inhib. by normal human serum 20786

***metabolism***

ascites tumor cells of mice, uptake in vivo 37088

Bombyx mori utilization of formate for biosynthesis of glycine carbon-1 & -2 42970

eff. of vitamin B12 in rats 13774

in leukemia, eff. of amethopterin on incorporation into purines in mice bearing amethopterin-susceptible & -dependent leukemia 25413

incorporation into purine in Ehrlich ascites tumor cells, eff. of glucose & various nucleosides 38267

incorporation into tissue nucleic acids of rats with exper. hepatoma 14624

liver, eff. of nicotinamide on incorporation into adenine & protein in mouse liver 40555A

oxidation in liver homogenates from normal mice & from tumor-bearing mice 36472

synthesis by coliform organisms, eff. of temperature 40842

***FORMIC ACID see*** **FORMATES**

**FORMULARIES**

***see also*** **PHARMACOPEIA**

Amer. Hosp. Formulary Serv. 4087

Brit. Pharmaceutical Codex & Brit. National Formulary 2176

**FOWLS, DOMESTIC**

blood calcium partition & binding in laying hen & estrogenized rooster 15610

chick gizzard lining, analysis of amino acids & pigment 46699

deoxyribonucleic acid content of erythrocytes & spermatozoa (It) 36800

develop. of Cryptococcus, Rhodotorula & Torulopsis species on oxytetracycline- & chlortetracycline-treated poultry meat 25162

estrogen use in feed, preliminary exper. (Ger) 22839

hens, hosts of tapeworm Raillietina (Skrjabinia) böhmi (Ger) 55569

minimal amino acid requirements of laying hens 2080

phenotype of beaks of 1st & 2nd generation Pekin ducks formerly treated with desoxyribonucleic acid from Khaki Campbell duck (Fr) 15078

response of normal & of germ-free turkey poults to dietary supplements of penicillin & oleandomycin 31316

rooster, eff. of testosterone on radio-sulfur uptake by mucopolysaccharides of connective tissue in comb (Fr) 26718

technics for in vivo studies on metab. of intestinal microflora 20917

turkeys, hosts of worm Ascaridia dissimilis 5601

***diseases***

***see also*** **NEWCASTLE DISEASE**

ascariasis, protease ther. (Pol) 33752

brain teratoma in chick (Ger) 55531

cardiac septal defect 41845

chronic resp. dis. of chickens, ther., dihydrostreptomycin & furazolidone dusts 28185

congen. ventric. septal defects in chickens, pathol. 17887

erysipelas due to Erysipelothrix rhusiopathiae in chickens 28193

erysipelas in chickens 4621

erysipelas in turkeys, diag., triple sugar iron agar method 28188

exudative diathesis, prod. by vitamin E defic. diets without polyenoic fatty acids 3473

helminth infect. (Pol) 33785

Laminosiopes cycsticola infect. of chickens (Pol) 33760

polyostotic hyperostosis in female parakeets 47080

psittacosis in turkeys causing human outbreak in Wisconsin 24639

Salmonella infect. in poultry & poultry processing plants in W. Pennsylvania 16770

Salmonella infect., transm. by air transport of chicks in Belgian Congo (Fr) 14427

**FRACTURES**

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

***see also*** **PLASTER CASTS**

***see also*** **PSEUDARTHROSIS**

***see also*** **SPLINTS**

in adults & child., differences (Ger) 29057

in traffic accid. (It) 54231

inveterate malunited, prev. & ther. (It) 54229

of pathol. altered bones, unusual sites (Ger) 19408

shoveler's fract. (Ger) 23181

***blood in***

proteins (Cz) 35036

***case reports***

encircling fract. 48666

multiple spontaneous fract. in osteomalacia caused by renal tubular acidosis 38402

***complications***

bone infect., prev. & ther. 50738

fat embolism of mesenteric vessels (Rus) 41515

infect., surg. indic. & technics 43726

purulent secretions in open fract., ther., local trypsin admin. (Dut) 44882

vasc. congestion complicating healing, ther., cyclovex (Ger) 19410

***diagnosis***

x-ray (Rus) 33199

***etiology and pathogenesis***

adrenal cortex hormone ther. of rheum. arthritis 35223

convulsive seizures, case reports & review (Ger) 27379

electroshock ther., reduced by adjuvant thiopental-succinylcholine anesth. 3386

fract. of long bones due to metastases from cancer of breast, eff. of oophorectomy & adrenalectomy on union 11890

metastatic cancer causing pathol. fract. of major long bones, management 40627

neurotrophic disord. due to nerve root trauma in spinal puncture (Rus) 55262

osteodystrophy in aged, differ. diag. from osteitis deformans (Ger) 38432

pathol. fract. (Bul) 28743

***experimental***

blood protein levels as indic. of status of fract. in rabbits (It) 19257

develop. of bony callosities in closed fract. of long bones in radiation sickness in rabbits (Rus) 10887

eff. of ACTH & cortisone on develop. of callus in rabbits (It) 36596

eff. of glucose-1-phosphate on callus form. in rats (Hun) 41826

eff. of intramedullary inject. of tetanus antitoxin in highly contaminated open fract. in monkeys (Ger) 46002

eff. of osteoplast glue on bone union in rabbits Rus) 45686

eff. of somatotropin on callus form. in rabbits (Fr) 44763

healing, determ. by aerial sound velocity measurement across fract. site in rabbits 10117

healing, eff. of adrenocortical hormones & kallikrein (Ger) 19409

healing, eff. of aminoacetonitrile admin. & its withdrawal in rats 2055

healing, eff. of aminoacetonitrile, alone & with l-triiodothyronine 16977

healing, eff. of x-irradiation & transpl. of bone to heterotopic site 477

healing, protective eff. of 17-ethyl-19-nortestosterone in cortisone-inhib. of bone healing in rat 46598

ossification of fibrocartilage grafts from fract. sites in rats (Fr) 3123

osteosynthesis with wire in dogs (Ger) 36449

with prolonged contusion, eff. of x-rays in rabbits (Rus) 10792

***in aged***

ther., review 52679

***in infant and child***

52149

eff. on blood protein picture (It) 36790

surg. & orthopedic management (Fr) 53391

ther., conservative & surg. indic. (Fr) 6288

***physiology***

callus form., biophys. aspects (Sw) 19940

electromyography in fract. of long bones (Rus) 43412

***statistics***

incidence according to site, causes & mortal., El Paso orthopedic hosp. statist. 16991

***surgery***

adjuvant oxytetracycline in exposed fract. (Sp) 29378

anesth. with adjuvant succinylcholine chloride (Ger) 42890

arthrodesis, compression as adjuvant to internal fixation (Nor) 54985

basic pinning technics 19277

biomechanical principles (Fr) 44879

44881

bone chip implant at fract. site as aid in callus form. (Ger) 34567

criteria for selection of technics (Sp) 8221

errors (Bul) 28730

errors (Ger) 10902

expanding forceps for reposition (Ger) 38450

fixation with Kirschner wire, simple device for insertion (Rus) 43382

internal bonding of fract. by ethoxyline resins, technic 40643

intramedullary nailing 7997

intramedullary nailing, eff. of cortisone (Cz) 35041

intramedullary nailing, Küntscher technic (Cz) 21550

intramedullary nailing, Küntscher technic, unusual cases (It) 6812

intramedullary nailing of diaphysial fract. (Sp) 6208

intramedullary nailing, postop. fat embolism (Rus) 33201

intramedullary nailing with absorbable alloys (Rus) 33200

intraosseous metal rod fixation of compound fract. of long bones (Rus) 10222

medullary immobilization, perlon pin technic in transverse fract. (Fin) 27301

nailing, eff. on hemopoiesis (Rus) 10888

nailing, indic. & contra-indic. for ultrasonic ther. in presence of metal implants 43619

osteosynthesis, new technic (Fr) 35054

osteosynthesis with contact splint 47584

osteosynthesis with metal pins (Rus) 10227

osteosynthesis with Rush pin (Ger) 39042

reduction with use of acrylic resin in fract. of long bones (Sp) 53097

stainless steel fixation, bone reactions 32520

technics (It) 9281

traction, pin guide for drill (Rus) 43383

***therapy***

(Ger) 42401

anterior pituitary hormones in contusion fract. (Fr) 38787

emergency ther. of fract. from traffic accid. with Hoffmann's external device (It) 54224

fract. caused by traffic accid. (It) 21433

immobilization & rehabil. (Fr) 21332

intra-articular, principles (Rus) 52854

multiple fract., early care 35873

penicillin, intra-osseous admin. in open cases (Rus) 45866

placental extracts, concentrated, indic. (Fr) 21595

reduction, relaxing eff. of meprobamate (It) 6782

stabilization with polyurethane plastic material 47595

***FRAGILITAS OSSIUM see*** **OSTEOGENESIS IMPERFECTA**

***FRAMBESIA see*** **YAWS**

***FRECKLES see*** **LENTIGO**

***FRENQUEL see*** **AZACYCLONOL**

***FRIEDREICH'S ATAXIA see*** **HEREDITARY SPINAL SCLEROSIS**

***FRIEDREICH'S DISEASE see*** **PARAMYOCLONUS MULTIPLEX**

**FRIGIDITY**

(Sp) 33451

ther., testosterone propionate with psychother. (Dan) 45491

**FROEHLICH SYNDROME**

pathol. anat. (Ger) 55686

**FROGS AND TOADS**

Bufo mauritanicus, chem. comparison of poisonous secretions of parotid gland & skin (Ger) 30595

Cephalosporium infect. in laboratory frogs (Hun) 41637

chorionic gonadotropins in Bufo arenarum, quantitative determ. (Sp) 8993

desoxyribonucleic acid content of erythrocytes & spermatozoa (It) 36800

eff. of p-hydroxypropiophenone on pituitary hormone secretion in frog larvae 15579

eff. of metamorphosis on water metab. response to vasopressin & epinephrine (Fr) 5762

embryol. of trunk musc. in frogs 12936

germ cell hist. in anura 4993

helminth infect. (Pol) 33781
33782
33783

Icosiella neglecta infect. (Pol) 33784

intermedin secretion in toads, inhib. by lysergic acid diethylamide 35078

lymph heart of frogs, electric action potential, ECG (Hun) 29174

morphol. of oculomotor nucleus (It) 37151

mortal. of frogs after DDT spraying of lake banks for insect control (It) 44803

nucleus sizes of triploid hybrid toads with exper. doubled maternal genomes (Ger) 34221

Rana esculenta, polydactylia of new type (Fr) 3056

Rana nigromaculata, fluorescent pterin & flavin substances in eye (Fr) 26728

resp. movements in frogs 46684

spermatozoa testicular release in Bufo arenarum (Sp) 8994

spermiation in Bufo arenarum, eff. of follicle-stimulating & luteinizing hormones 26723

Xenopus laevis, develop. of nasolacrimal duct (Dut) 7358

Xenopus laevis specimen completely lacking hemoglobin 52460

**FRONTAL BONE**

***abnormalities***

bone & soft part defects, allopiasty (Ger) 38437

dysmorphia frontonasalis (Cz) 14772

***blood supply***

emissarium frontale & other abnorm. bony venous channels, pathogen., x-ray findings (Ger) 3613

***diseases***

***see also*** **HYPEROSTOSIS FRONTALIS INTERNA**

eosinophilic granuloma in 2-year-old child (Sp) 31821

osteomyelitis in child after maxillary sinusitis, case report (Sp) 44418

***embryology***

relation of orbital vein & frontal diploic veins to frontal bone anlage in dog & cat fetuses (Ger) 23559

***fractures***

compl., chiasmatic synd., case reports (It) 36220

surg., immediate, case reports (It) 25572

***wounds and injuries***

posttraum. removal of sexual inhib. & exhibitionism (Ger) 25371

surg., homografts (Ger) 25361

**FRONTAL LOBE**

***diseases***

causing behavior disord., mechanisms 6142

pathophysiol. & psychopathol. cond., aspects of body-soul parallelism, relation to psychosurg. (Ger) 36492

***neoplasms***

differ. diag. & pathol. 20480

manifest., diag. & progn. (It) 8360

meningioma (Rus) 34747

***physiology***

eff. of frontal lobotomy of searching behavior of monkey 4926

eff. of surg. lesions on pitch discrimination in monkey 25961

induction of unilateral neglect by surg. lesions in monkey 25976

localization of funct. & psychiatric eff. of undercutting (Fr) 44746

***wounds and injuries***

contusions caused by traffic accid., surg. (Ger) 14949

**FRONTAL SINUS**

catheterization & lavage, catheter for (Ger) 18321

***anatomy and histology***

connections with maxillary sinus (Fr) 44661

***diseases***

aplasia, possible etiol. role of ethmoid osteitis (Fr) 41389

empyema, with orbital fistula (Ger) 51251

mucocele with palpebral & intracranial extensions, case report (Fr) 54115

sinusitis 11730

sinusitis causing cerebral edema, case report (Fr) 54113

trepanation in diag. & ther. (Rus) 55223

***fractures***

posterior, caused by frontobasal cranial inj., posttraum. recur. pneumococcal meningitis (Ger) 3946

***neoplasms***

primary cancer, case report 41071

***surgery***

osteoplastic anterior wall approach 109

***wounds and injuries***

disruption, neurosurg. 18478

**FROSTBITE**

(Ger) 39001

clin. aspects (Cz) 48612

compl. & ther. (Ger) 39842

in armed forces personnel (Dan) 45510

***therapy***

(Sp) 3331

4-(N-benzylanilino)-1-methylpiperidine ointment (Ger) 39953

comparison of methods (Rus) 5954

x-ray ther. (Rus) 45769

**FRUCTOSE**

biol., pharmacol. & ther. properties, comparison with glucose (It) 21434

normal metab. & ther. indic. in acute renal failure (Fr) 11892

***antagonists***

6-deoxy-6-fluoroglucose inhib. of fructose & glucose oxidation in rat kidney slices 4743

***effects***

addition to human semen on fructolysis & motility of spermatozoa 16840

food with high fructose content on insulin requirements in diabetes ther. (Ger) 1584

on dent. caries incidence in rats fed on human foods, parenteral admin. 17212

on metab. in healthy persons (Ger) 27160

on post-insulin EEG changes (Fr) 44613

on postinsulin eosinopenic reaction in normal subjects (Fr) 21268

on post-insulin gastric secretion (Fr) 44616

on resp. quotient, relation of logarithm RQ to time (Ger) 27198

on urinary pyruvate excretion in liver cirrhosis (Cz) 26516

***in urine***

cortisone ther. of jaundice in child fructosuria during (Fr) 6312

***metabolism***

Bacillus subtilis, kinetics of transfer of fructosyl radical by levansucrase 13746

comparative metab. of labeled fructose & glucose in rats (Ger) 49882

fructolysis in human semen, influence of spermatozoon count & initial fructose level 16839

N-fructose-2-yl-anthranilic acid by-product of tryptophan biosynthesis in Salmonella typhimurium (Ger) 46174

in diabetic patients, eff. of carbutamide (Fr) 21267

postop., comparison with glucose 11885

utilization in scorbutic guinea pigs 12534

***preparation of***

purification on ion exchange resins, technic 16713

***related compounds***

1-(o-carboxyphenylamino)-1-desoxyfructose as intermediate in biosynthesis of tryptophan by microorganisms (Ger) 47978

***therapeutic use***

(Ger) 18967

biochem. principles (Ger) 51860

diabetes mellitus (Sp) 31815

fructose-containing artichoke honey as dietary supplement in diabetes mellitus 54878

hepatitis, with L-cysteine- & DL-homocysteine thiolactones (Ger) 42943

internal dis., comparison with glucose (Ger) 19029

liver dis., with l-cysteine & dl-homocysteine thiolactones (Ger) 35592

**FRUITS**

***see also*** **CITRUS FRUITS**

apples, eff. of storage on composition (Ger) 29777

apples, tannic acid & polyphenol content (Ger) 12062

bananas as low-sodium dietary staple 30097

bananas, eff. of ingestion on urinary elimination of 5-hydroxyindolacetic acid (Fr) 38723

banana flour in ther. of inf. nutrition disord. (It) 42788

bananas, urinary excretion of arterenol & epinephrine after consumption by humans 41295

bananas, urinary excretion of 5-hydroxyindolacetic acid in man after banana eating, comparison after serotonin admin. 31458

bananas, urinary indole & phenol acids after ingestion, paper chromatography 19519

dried fruit use in hosp. menus 49975

fruit-rice diet in hypertension (Rus) 32542

grape juice content of organic acids & free amino acids, determ. & comparison with wine (Fr) 48780A

grapes, responsibility of mold Botryotinia fuckeliana for sweet rot in grapes, role of its malonic acid utilization 23775

grapes, responsibility of mold Botryotinia fuckeliana for sweet rot in grapes, role of its metab. source of carbon 23774

growth of yeasts in grape juice stored at low temperatures 47622
47623

growth of yeasts in grape juice stored at low temperatures, control of growth in commercial operation 47621

juices, med. value (Sw) 10155

new fungicides in orcharding (Fr) 8311

possible health hazards of use of insecticides & pesticides in protection of fruits, review 20011

**FRUSTRATION**

eff. of mild frustration on expression of prejudiced attitudes 50094

eff. of pre-feeding in apparent frustration effect in animal learning 5047

ego strengthening by release of frustration-aggression 24594

reinterpretation of Barker, Dembo & Lewin frustration-regression study 26578

separation, relation to med. dis. 8433

***FUADIN*** ***see*** **ANTIMONY**

***FUCHSIN*** ***see*** **ROSANILINE DYES**

***FUMARASE*** ***see*** **HYDRASES**

***FUMARATES*** ***see*** **MALEATES**

**FUNGI**

***see also*** **MYCOLOGY**

affinity between fungi of verrucous dermatitis & sooty-molds in rats & rabbits 7117

airborne mold spores, survey in Israel 1132

antigenic similarities between atmospheric fungi & food (Sp) 32440

auxin inhib. of growth of Nectria galligena, reversal by capric sulfate (Fr) 3033

Basidiomycetes, mycelial growth & fruit-body form. (Ger) 25329

Botrytis cinera interaction with cabbage & eff. on oxidative conversion of amino acids (Rus) 1725

cell mixtures of different species & strains of cellular slime molds 4977

classes in Germany (Ger) 34044

Coprinus fimetarius, nuclear exchanges in (Fr) 38702

cross inoculation of fungi pathogenic for animals & plants (It) 7118

dermatophyte isolation from human tissue, eff. of xanthocillin (Ger) 46133

dermatophytes, directed variability (Uk) 29550

determ. in sewage field with decomposition of organic material (Ger) 25229

Didymium nigripes, clonal develop. 5095

Endomyces magnusii, eff. of freezing & thawing, microscopy (Rus) 19100

Eremothecium ashbyii, nomenclature of fluorescent substances produced in culture 14931

Fusarium culmorum, microbial antag. in soil 19801

Fusicladium dendriticum, vitality (Uk) 29547

genetics, review 25118

germination, eff. of basic blood & urine extracts of schizophrenics (Ger) 27010

Harposporium anguillulae, biol. 5097

hepatotoxin from Sporidesmium bakeri causing facial eczema dis. in sheep 52382

in bronchial secretions, diag. & ther. significance (Hun) 10589

in mouth 2247

Keratinomyces ajelloi in Brit. soils 52335

Melanconiales & Sphaeropsidales, antag. toward various other fungus species 23779

Mortierella species in soil, distribution & taxonomy (Ger) 25315

Mucor mucedo, isolation of sexually active substances, method (Ger) 11273

mycorrhiza of larch trees, eff. on growth of seedlings in carbonate-containing chernozem (Rus) 19123

mycorrhiza of peas, biol., review (Ger) 47658

myxomycete, protoplasmic movement (Fr) 26789

pathogenic fungi isolated from soil samples from Guayaquil (Sp) 31824

Periconia parasitica from India 7116

phase microscopy of fungus cultures, comparison with bright field microscopy (Ger) 3224

Phycomycetes from soil containing salt & their behavior in saline solutions (Ger) 25308

Piricularia, determ. of resist. of different varieties of rice 23764

Pityrosporum ovale as cause of allergy 2160

populations & softening enzyme activity of filamentous fungi on flowers, ovaries & fruit of pickling cucumbers 25164

Pseudomycorrhiza of grasses (Ger) 25318

radioautography of fungi through a layer of soil & in agar culture 19544

Rhodotorula isolation from bile in various biliary tract dis. (Ger) 34520

Saprolegnia diclina, histochem. & cytol. structure, demonstration by fluorone nuclear reactions (Fr) 15141

soil fungi in Israel 52284

soil fungi, isolation with soil fungus trap, technic 52313

soil fungistasis 17313

Spongipellis borealis, morphol. & taxonomy 42949

spore content in air, relation to seasonal variations in asthma 23527

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

Sporidesmium bakeri, growth inhib. by Bacillus subtilis strain 52383

Sporidesmium spores on pasture samples, relation to beaker test for hepatotoxic grass in guinea pig 19645

surface antigen defects causing developmental failure in aggregateless variants of slime mold Dictyostelium discoideum, exper. with amoebae of wild type Dictyostelium 27402

*culture*

Cladosporium carpophilum & Fusicladium cerasi, requirements on artif. culture media (Ger) 25322

dermatophyte growth in culture with Micrococcus pyogenes (It) 21002

Peronospora brassicae (Ger) 25316

zones of fungal growth on edges of antibiotic-induced zones of inhibited growth (Fr) 17928

*effect of drugs on*

actidione (Ger) 22983

agar & agar hydrolysates on Phycomyces growth (Ger) 25305

allyl alcohol on Helminthosporium turcicum & Rhizoctonia solani, eff. of ethyl alcohol 50348

antibiotics on mildew on grape vine (Rus) 19107

chloramphenicol on Scopulariopsis brevicaulis 19658

desoxycorticosterone on growth 16874

hydrocarbons & non-ionic surface active substances inducing tumorous changes in Physarum polycephalum (Ger) 34156

hydrocortisone & prednisone prep., fungistatic activity 34850

indoleacetic acid on growth & phototropism in Phycomyces (Ger) 25306

kasamycin 25007

spermine & spermidine on growth of various species 31435

sulfuric acid, resist. (Ger) 34058

trichomycin on asporogenic fungi (It) 52781

vitamin K mycostatic action (Ger) 32961

*effect of radiations on*

ultraviolet ray sterilization of pathogenic fungi (Fr) 980

*extracts*

allergy (Ger) 24301

fibrinolytic activity of extracts from non-pathogenic species 31450

Inocotus obliquus extract, pharmacol. (Rus) 39345

sulfur-histamine ointment from mycelium percolate in ther. of rheum. (Ger) 10302

*metabolism*

alcohol & aldehyde analogs & phosphate deriv. of tryptophan, metab. by tryptophan-utilizing fungi (Ger) 46160

Botryotinia fuckeliana, organic acids as only carbon source, relation to responsibility for sweet rot in grapes 23774

Botryotinia fuckeliana, utilization & metab. eff. of malonic acid, relation to responsibility for sweet rot in grapes 23775

Claviceps purpurea, lipogenesis in culture, relation of time & culture media variations 16703

Claviceps purpurea prod. of ergot alkaloids in vitro, determinants 37978

Cordyceps militaris, red-orange pigment (Ger) 25327

Dictyostelium discoideum nutritional requirements, measurement by infrared spectroscopy 4815

Emericellopsis terricola utilization of sulfur in symsematin prod. 16878

enzymatic oxidation of m-polyphenols 1348

Eremothecium ashbyii prod. of purple fluorescent substance, structure determ. by chromatography 2818

Eremothecium ashbyii, relation of synthesis of carbohydrates, organic nitrogen cpds. & proteins during fermentation to osmotic pressure (Ger) 32283

Eremothecium ashbyii, relation of synthesis of vitamin B12 during fermentation to osmotic pressure (Ger) 32282

Eremothecium ashbyii, vitamin B2 biosynthesis in culture 18165

Fomes noxius incapable of synthesizing vitamin B1 29852

Fusarium lycopersici, characterization of transaminase system 3451

Fusarium oxysporum strain lacking pectic enzymes 19621

Gibberella fujikuroi, prod. of gibberellins, review (Pol) 30891

hippuric acid (Rus) 1720

Hypomyces aurantius, free amino acids of mycelia & culture filtrate (Fr) 26956

keratin of dermatophytes, color microphotographic technic for identification (Fr) 37895

Lentinus lepideus, identification of methyl p-coumarate as metab. product 25435

Merulius lacrymans, protein synthesis (Ger) 25311

Morganella, distribution & activity of histidine decarboxylase 4341

mycelial resist. of Coprinus fimetarius to sorbose, characteristics (Fr) 38703

phenol sulfatase in commercial fungal enzyme prep., isolation & purification 31461

Phycomyces blakesleeanus, eff. of starvation & phenylaniline on component carotenoids 52421

Phycomyces blakesleeanus form. of hydroxybenzoic acids (Ger) 25321

Phycomyces blakesleeanus, nucleic acid & phosphate utilization (Ger) 25330

polyphosphates, inorganic (Fr) 3488

Poria vaillantii, characterization of β-glycosidase component of cellulolytic enzyme system 47727

Psilocybe mexicana, pharmacol. of active principle from (Ger) 39240

Psilocybe mexicana, psychophysiol. eff. of psilocybine from (Fr) 38640

Puccinia graminis uredospores, analysis of sterols & carotenes in unsaponifiable fraction 2560

purines, comparison of genetic & nutritional blocks in biosynthesis in bact., molds & yeasts 25420

quinic acid oxidation, aromatic intermediates 17308

Syncephalastrum species, 7α, 15β-dihydroxylation of progesterone 14912

Tilletia caries, wheat smut fungus, glucose oxidation in mycelia & spores 4721

trehalose, determ. by chromatography (Fr) 1065

Ustilago sphaerogena cell division, biochem. changes 23293

zygorhynchus moelleri nonphotosynthetic fixation of carbon dioxide 50336

zygorhynchus species, carbon, nitrogen & other requirements 17304

## FUNGICIDES

*see also* CAPRYLATES

*see also* HEXACHLOROPHENE

*see also* PROPIONATES

*see also* SALICYLANILIDE

*see also* UNDECYLENIC ACID

p-aminobenzenethiol deriv., prep. & testing for activity (It) 49415

antibiotics from Actinomyces species, prep. & testing (Ger) 36949

antiyeast factor, isolation & activity 13336

arylmercapto-hydroxy-quinolines, prep. & testing (Ger) 13371

candicidin, prod. by & classif. of Actinomyces (Rus) 36386

chlorobromocyclohexane-containing paint, evaluation (Ger) 11229

dehydroacetic acid testing on ascaris, survival length and duration of normal locomotion 40204

eff. of pH on antifungal activity 16693

eff. of pH on antifungal effectiveness 16693

6-fluorothymol, testing 16693

fungicidal eff. of heterocyclic cpds. (Pol) 31508

halogenated benzyl alcohols, prep. & testing 41314

halogenated deriv. of biphenyl, testing in vitro & in vivo (Fr) 37847

4-hydroxy-2-oxo-benzoxathiole, pharmacol. (Ger) 36936

8-hydroxyquinoline, pyridine-N-oxide-2-thiol & sodium dialkyldithiocarbamates & their copper complexes 29821

new fungicides in orcharding (Fr) 8311

nicotinic acid phenol esters, assay of antimycotic eff. (Ger) 1322

nobecutan dressing material, value in hot climate 4832

potassium cyanide & sodium azide (Ger) 23155

sanitized, evaluation (Fr) 54845

screening for in-vivo activity, rapid method 51042

screening of antimycotic drugs by Galleria mellonella test (It) 34936

*antagonists*

bile salts inactivating amphotericin B & chloroquinaldol 31360

*determination*

amphotericin B in blood & urine during ther. of systemic mycoses 1373

4,6-dinitro-o-cresol with nitron, in organs of corpses (Ger) 36505

*effects*

amphotericin B, inhib. eff. on localized Rhizopus oryzae infect. in pneumoderma pouch rats 13339

amphotericin B on moniliasis & mucormycosis in mice, comparison with nystatin (Ger) 1574

amphotericin B on oxygen consumption of Monilia albicans (Fr) 48806

griseofulvin on mitosis 29824

griseofulvin on ringworm in guinea pigs 7219

hydroxychlororaphin on growth of Streptomyces species & some pathogenic fungi in vitro 7140

on fungal spores & mycelia, comparative mechanism of action 25153

on nucleic acid & protein synthesis in Saccharomyces carlsbergensis 40841

trichothecin on viruses transmitted by aphids 2572

*metabolism*

griseofulvin presence in hair of guinea pigs after oral admin. 52444

*poisoning*

dinitro-o-cresol, in agricultural workers 9463

*therapeutic use*

amphotericin B in chronic histoplasmosis 35733

amphotericin B in cryptococcal meningitis 1139
11637
17569

amphotericin B in cryptococcosis 48495

amphotericin B in cryptococcosis of CNS, case reports 11638

amphotericin B in Cryptococcus neoformans meningoencephalitis 5532

amphotericin B in disseminated coccidioidomycosis 22476

amphotericin B in endophthalmitis caused by Volutella species infect., intraocular & conjunctival eff. 11680

amphotericin B in histoplasmosis 13332

amphotericin B in systemic mycoses 23399

amphotericin B, local infiltration in chromoblastomycosis 46388

1-p-chlorobenzyl-2-methyl-benzimidazole-hydrocortisone-tyrothricin-xanthocillin ointment in fungus dis. (Ger) 22988

chloroquinaldol in amebiasis (Sp) 18048

chloroquinaldol in bact. leukorrhea, clin. & bacteriol. culture analysis, statist. (Ger) 6663

chloroquinaldol in cervicitis, vaginitis & vulvovaginitis (Dut) 43022

chloroquinaldol in gastrointestinal dis. (Ger) 22067

chloroquinaldol in giardiasis in child. (Per) 4365

chloroquinaldol in intestinal amebiasis, colitis & enteritis (Ger) 55575

chloroquinaldol in leukorrhea (Sw) 54829

chloroquinaldol in leukorrhea caused by vaginal trichomoniasis & moniliasis (Dut) 43023

chloroquinaldol in proctitis caused by radium & x-irradiation (Ger) 55378

epilia in epilation & ther. of fungus dis. of scalp (Rus) 22502

griseofulvin in ringworm, oral admin. 41820
41823

hexetidine in vaginal trichomoniasis 6990

4-hydroxy-2-oxo-benzoxathiol in acne (Ger) 39085

4-hydroxy-2-oxo-benzoxathiole in acne vulgaris, local admin. (Ger) 32974

4-hydroxy-2-oxo-benzoxathiole in facial seborrhea (Ger) 42300

iodochlorhydroxyquin in skin dis. 36336

iodochlorhydroxyquin-tripelennamine-dimethyldocylphenoxy-ethyl ammonium prep. in skin dis. (Sp) 53354

## FUNGUS DISEASES

*see also* ACTINOMYCOSIS

*see also* ASPERGILLOSIS

*see also* BLASTOMYCOSIS

*see also* COCCIDIOIDOMYCOSIS

*see also* CRYPTOCOCCOSIS

*see also* HISTOPLASMOSIS

*see also* MONILIASIS

*see also* RINGWORM

*see also* SKIN DISEASES

*see also* SPOROTRICHOSIS

eye, secondary to other dis. of eyelids, conjunctiva & cornea (Rus) 45374

foot, clin. manifest. & ther. (Ger) 25301

foot, prev. & ther. with 5-bromo-4'-chlorosalicylanilide (Ger) 51842

in snails (Pol) 33779

internal organs, review (Ger) 15648

lungs, review 42078

maduromycosis (Sp) 8716

mucormycosis (Fr) 39478

paranasal sinuses (Ger) 53251

pneumonia (Rus) 33268

review (Ger) 15274

review of Brit. literature 19456

Saccharomyces carlsbergensis infect. causing bronchitis, demonstration of pathogen. 35365

skin, classif. & ther. 14063

skin, diag. & ther. (Ger) 6053

systemic dis. 5899

thyroid gland (Rus) 31163

vaginitis, clin. manifest. & ther. (Fr) 44684

white piedra in monkey, case report 50287

*case reports*

after removal of metal disk penetrating thorax (Rus) 18596

Allescheria boydii infect. of lungs, fatal case 12792

Cladosporium trichoides causing brain abscess 14888

farmer's lung 41096

maduromycosis of foot caused by Nocardia brasiliensis (Sp) 21170

maduromycosis of hand 34950

maduromycosis of lungs with abscess & gangrene (It) 20163

maduromycosis of sacrococcygeal region (It) 8587

maduromycosis with black granules caused by Madurella polymorpha (Fr) 21744

mucormycosis of brain, fatal cases 33453

mucormycosis of skin of ankle 35661

mycotic aneurysm of mesenteric artery of small intestine with abscess, surg. 30135

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

rhinosporidiosis in Vietnam (Fr) 14430
rhinosporidiosis of conjunctiva (Sp) 8171

*complications*

aphthous stomatitis in mycosis of eyelids (Fr) 26361
diabetes mellitus in mucormycosis of brain 11756
enteritis, regional, case reports 3694

*diagnosis*

foot, evaluation of mosaic fungi (Rus) 55196
phase contrast microscopy of unstained histol. prep. (Ger) 49004

*differential diagnosis*

rhinosporidiosis of eye simulating tumor, case report 2104

*epidemiology*

in Cuba 54531
in Cuba (Sp) 7120
in France & Fr. Union (Fr) 42950
in Hungary (Ger) 38980
in Malaya & Singapore 51167
in Turkey (Ger) 42951
maduromycosis in Argentina (Sp) 8172
31803
pulm. dis. in India 12797
rhinosporidiosis in Dhamtari 26284
skin dis. in Amsterdam (Dut) 7329
skin, in Russia (Rus) 22515

*etiology and pathogenesis*

mucous lesions after antibiotic ther. (Rus) 36382

*experimental*

eff. of 2,4,5-trichlorophenol phenylcarbamate (Ger) 13643
mucormycosis, eff. of nystatin & amphotericin B in mice, comparison (Ger) 1574
mucormycosis in pneumoderma pouch rats, inhib. eff. of amphotericin B 13339

*immunology*

vaccine for superficial fungus infect., studies on exper. animals 50644
vaccine for superficial fungus infect., studies on human volunteer subjects 50645

*in infant and child*

piedra, case in Amer. child 34856
scalp, in child. less than 3-years old (Ger) 11118
skin, ther., local pentachlorophenol (Rus) 13680
skin, ther., nystatin & undecylenic acid (Fr) 25485

*manifestations*

secondary skin reactions simulating common non-mycotic skin dis. (Fr) 981

*pathology*

farmer's lung, histopathol. 12361
geotrichosis, histopathol. (Ger) 55635
Scopulariopsis hominis infect. of liver (Ger) 34441

*prevention and control*

foot, with formalin-tannin-iodine prep. (Rus) 45638

*statistics*

in Northern California 14537

*therapy*

55272
amphotericin B in endophthalmitis caused by Volutella species infect., intraocular & conjunctival eff. 11680
amphotericin B in systemic mycoses 23399
antimycin forte (Ger) 34045
autovacc., indic. & contraindic. (Fr) 51387
autovacc., technic, indic. & compl. (Fr) 3410
borotannic complex-salicylic acid prep. in onchomycosis & paronychia (Ger) 20604
chemother., review (Ger) 19026
1-p-chlorobenzyl-2-methyl-benzimidazole-hydrocortisone-tyrothricin-xanthocillin ointment (Ger) 23988
feet, antimycotics, value of skin tests before ther. (Ger) 29470
systemic 42825
thimerosal in skin fungus dis. 32911

FURAN DERIVATIVES

*see also* NITROFURANTOIN

*see also* NITROFURAZONE

furazidin, pharmacol. (Rus) 11469
furazolidone, AMA council report 40308
furazolidone, pharmacol. (Rus) 11470
furfurylideneacetone deriv. & 5-furyl-2-pyrazoline deriv., synthesis & possible local anesth. activity (Ger) 36954
N-(α-methylfurfuryl)-isoniazid (It) 52054

*determination*

furocoumarins, spectrophotometry (It) 53832

*effects*

furazolidone, antihypertensive properties 35701
furo[2,3-g]coumarin acceleration of tanning 14302B
2-furoic acid deriv., pharmacol. eff. in relation to structure (Fr) 54880
2-furoyl hydrazide, on M. tuberc. (Ger) 55493
sulfonated monoazo deriv. of acetylacetamidoarylides & 3-aminodibenzofuran, biochem. mechanism of tubocurarine antag. (It) 14000

*therapeutic use*

furazolidone & anti 5-nitro-2-furaldoxime prep. in monilial & trichomonal vaginitis 17669
furazolidone-anti-5-nitro-2-furaldoxime prep. in trichomonas vaginitis 3516
furazolidone dust in chronic resp. dis. of chickens 28185
furazolidone in control of bacillary dysentery epidemic due to Shigella flexneri infect. in monkeys 23283
furazolidone in trichomonas ureteritis & vaginitis (Fr) 3137
furo[2,3-g]coumarin deriv. in vitiligo 11576
N-(α-methylfurfuryl)-isoniazid in pulm. tuberc. (It) 52055 52056 52057 52058 52059
5-nitro-2-methyl-furfuryl ether-α-amino-p-tolylsulfonamide prep. as endodontic bactericidal agent 52852
5-nitro-2-methyl-furfuryl ether in fungus dis. of skin (Pol) 44182

FURUNCULOSIS

*epidemiology*

in coal miners 10518

*etiology and pathogenesis*

burn, expert testimony (Ger) 19018

*therapy*

Belenkii serum (Rus) 45872
in Arctic cond. (Rus) 9871
nasal cavity, chloramphenicol & erythromycin ther. (Ger) 42379

FUSOBACTERIUM

vescum, new varieties isolated from mud-snails 40202

*effect of drugs on*

spiramycin, sensitivity (Ger) 34070

*infections*

fusospirochetosis, Treponema in oral cavity in pathogen., review (Ger) 25785

*metabolism*

mucinase, determ. in oral Fusobact. (Ger) 25234
pantothenic acid & purine requirements 50330

GAFFKYA

*infections*

leptomeningitis caused by Gaffkya tetragena, chloramphenicol ther. 5733

*GAISBOECK'S DISEASE see* POLYCYTHEMIA HYPERTONICA

GAIT

hemiplegic gait, analysis 47532
pathol. gait, objective recording & biomechanics 47534
walking, relation to depressive position in inf., psychoanalytic interpretation 4288

*GALACTORRHEA see* LACTATION DISORDERS

GALACTOSE

*effects*

retardation of growth of certain E. coli mutants 37093

*in blood*

congen. 40093
galactose tolerance test in symptomless glycosuria 4892
galactosemia causing cataract in inf. siblings, biochem.-ophthalmol. 23875
galactosemia causing jaundice in newborn, case report 40934
galactosemia, clin. manifest. & metab. 16543
galactosemia, congen., etiol. (Pol) 8076
galactosemia, congen., in newborn, laboratory diag. (Dut) 53092
galactosemia, congen., lens metab. in 34916
galactosemia, erythrocyte phosphate ester metab. 15049
galactosemia, heterozygous carriers 29851
galactosemia in newborn inf., case report 24459
in premature newborn & inf. several months old after lactose admin. 29726
micro determ. with glucose oxidase & anthrone reagents 32225

*metabolism*

alterations in liver slices from rats on high & on low-galactose diets 40473
eff. of steroid hormones on in vitro oxidation, site of stimulation 13825
hered. galactose dis. 28152
incorporation into cerebrosides in rat brain, age factors 28239
intravenous galactose tolerance test, modified technic 35678
utilization in scorbutic guinea pigs 13534

*related compounds*

6-O-acetyl-D-galactopyranose synthesis 25877
2-amino-2,6-didesoxy-D-galactose isolation from specific polysaccharide of Chromobacterium violaceum 37082
1,6-anhydro-α-D-galactofuranose & 1,6-anhydro-β-D-galactopyranose form. by actions of acid on D-galactose 47704
fucose determ., quantitative spectrophotometric method 44907
galactosediethylmercaptal & 3,6-anhydrogalactosediethylmercaptal, determ. with anthrone & Seliwanoff reagents 52365
5-keto-L-galactonate as intermediate in catabolism of D-galacturonate by Erwinia carotovora 13779
uridine diphosphogalactose, metab., enzymol. & biol. review 35555

*GALACTOSIDASES see* CARBOHYDRASES

*GALLAMINE TRIETHIODIDE see* MUSCLE RELAXANTS

GALLBLADDER

hypocholesterolemic & hypolipemic eff. of substance isolated from pig gallbladder (It) 1956
plastic model for measuring gallbladder size & volume, construction method (It) 2499
volume determ. in biliary dyskinesias, method & value (Rus) 8594

*abnormalities*

(Tur) 22376
absence, case report 12720
aplasia causing biliary peritonitis without perf. (Ger) 23191
bilobed gallbladder, surg. 878
bilocular gallbladder, case report (Sp) 48740
48741
classif. 1213
double gallbladder (Tur) 22380
morphol. anomalies & aberrant tissue in gallbladder (It) 15888
strawberry gallbladder (Ger) 29122
triple gallbladder, with calcareous bile, case report (It) 20939
vesica fellea triplex, case report 515

*anatomy and histology*

anat. variations, clin. significance (Bul) 32762

*calculi see* CHOLELITHIASIS

*diseases*

*see also* CHOLECYSTITIS

anicteric, diag., sulfobromophthalein test of liver funct. (It) 19178
asthenia, physiopathol. mechanisms (Fr) 36624
caused by chronic appendicitis (Ger) 46004
diag., uropepsin determ. 24872
differ. diag. from duodenal ulcer (Ger) 15299
dyskinesia, review (Fr) 31910
echinococcosis causing obstruct. of common bile duct, diag. & surg. indic. (Fr) 25253
eff. on heart funct. (It) 30647
empyema, causing abscess of gastric wall (Dut) 29957
fixed defects in gallbladder wall, cholecystographic differ. diag. & pathol. 53721
hydrops in inf., case report 45083
hyperplastic cholecystosis, manifest., cholesterosis, neuromatosis & adenomyomatosis (Fr) 32381
in primary cancer of 3rd portion of duodenum, case report 7501
incidence in normal men 49722
neurogenic cholecystopathy (Ger) 22872
perf. & gangrene due to cortisone ther. of rheum. arthritis 2602
phytother. (Ger) 4034
surg. 19718
surg., perop. cholangiography, technic & ther. value 11790
surg., review (Rus) 22543
torsion (Rus) 9905
with pancreatic disord. (Ger) 19403

*diverticula*

intramural diverticulosis, case report & x-ray manifest. 6492

*effect of drugs on*

Berberis tincture (Rus) 39341

*extracts*

eff. on cholesterol & phospholipid synthesis by aorta & liver in rats (It) 14019
eff. on pancreas funct. & appetite in cholecystectomized patients (Ger) 45395

*fistula*

cholecystobronchial (Sp) 8160
cholecystoduodenal, preop. x-ray differ. diag. (Ger) 18947
cholecystoduodenal, spontaneous, case report (Cz) 48656
cholecystointestinal fistulae as compl. of cholelithiasis, surg. (Ger) 33680
external (Ger) 9967
spontaneous external (Ger) 45971
x-ray differ. diag. (Ger) 52238

*metabolism*

disord. of mucopolysaccharide metab. in mesenchyma of gallbladder wall in origin of cholelithiasis (It) 51977
phospholipid & sodium phosphate labeled with radiophosphorus, absorp. (Rus) 37168

*neoplasms*

case reports (Ger) 21945

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

clin. diag. (Ger) 45939

induction in hamsters by methylcholanthrene implants in gallbladder without cystic duct ligation 48575

mixed tumor, case report 34984

papillary adenocarcinoma, cholecystographic diag. of noncalculous filling defects 20952

papilloma, case report 5807

papilloma, case report (It) 8605

papilloma, spontaneous recovery, case report (Fr) 24238

primary carcinoma 23487

primary, case report (It) 13660

primary, clin. aspects 11806

primary, surg. (Sp) 43879

43917

triple primary bronchial, biliary & prostatic tumors (Ger) 24230

with metastasis to porta hepatis & liver cirrhosis, clin. pathol. conf. 43137

x-ray diag. of benign tumors (Ger) 22795

***perforation***

causing biliary peritonitis in newborn, surg. (Cz) 38324

***physiology***

eff. of Nürtingen spring water, cholecystography (Ger) 51801

eff. of oral & jejunal admin. of lipids on kinetics, in subjects of various ages (It) 47822

evacuation studied by chronoradiography (Fr) 36658

regen. (Rus) 33314

***radiography see*** CHOLECYSTOGRAPHY

***surgery***

***see also*** CHOLECYSTECTOMY

cholecystojejunostomy in cancer of pancreas, postop. duodenal obstruct. 22024

cholecystostomy, technic (Sp) 15470

exper., preop. & postop. sleep ther., eff. on gastric secretion (Rus) 33194

in acute cholecystitis, methods & results (Sp) 8183

indic. 50755

with determ. of patency of ampulla of Vater, modified gallstone sound (Ger) 6064

***transplantation***

grafts & transposition in plastic surg. of biliary & digestive tracts, method, indic. & case reports (Fr) 36668

***wounds and injuries***

etiol. & ther. (Ger) 37759

***GALLI-MAININI TEST see*** PREGNANCY TESTS

**GALLIC ACID**

esters of gallic acid, allergic reaction of guinea pigs (Ger) 12198

***related compounds***

sodium gallate, stabilization of penicillin (Uk) 29552

**GALLIUM**

***effects***

hematol. changes of internal ther. doses of gallium-72 1773

***radioactive***

diag. & ther. of bone dis. (Fr) 21363

**GAMMA GLOBULIN**

chem. immunol. & metab., review 43145

clin. significance, review (Pol) 30865

constant-antigen precipitation reaction 40908

content in sera of embryonic, of normal & of germ-free chickens 31314

demonstration of abnormal gamma globulin among bone marrow plasmocytes in case of multiple myeloma (Fr) 24773

eff. of radiogold (Fr) 53989

fractions B & M from animals, eff. on human gamma globulin (Fr) 32015

hypergammaglobulinemia, immunoelectrophoresis (Ger) 395

hypergammaglobulinemia in acute leukemia with plasmacytosis of bone marrow in child, case report 20254

hypergammaglobulinemia in child., causes, review 52617

hypergammaglobulinemia in liver cirrhosis, relation to splenic & lymph node changes 34942

hypergammaglobulinemia, polysaccharide content of blood 32252

hypergammaglobulinemia with antithrombin V & hemorrhagic diathesis in rheum. arthritis, review & case report 10346

hypergammaglobulinemia, with eruptive collagen dis. with multiple metachromatic foci (Ger) 3985

in anti-plague serum, ther. & prev. properties (Rus) 11481

in baby rabbits after transfer of ribonucleoprotein from adult rabbits, relation to antibodies 52386

in maternal & cord blood, electrophoresis 24888

interactions between human gamma globulin & rheum. arthritic sera 11941

measurement of boundary layer between blood serum & gamma globulin in demonstration of rheum. factor in rheum. arthritis (Ger) 11297

19S fraction in maternal & umbilical cord blood, improbability of transplacental passage 17600

radioiodine labeled, determ. of cerebrospinal origin of protein bodies (Ger) 18334

reactivity of normal & of rheum. gamma globulins in rheum. serol. reactions 13629

relation of gross abnorm. to rheum. arthritis (Fr) 4736

relation to plasma cells in marine fish 20793

***deficiency see*** AGAMMAGLOBULINEMIA

***determination***

fluorescein-conjugated gamma globulin, electrophoresis 29812

fractions containing antibody & antigenic combining sites, separation & isolation 19476

turbidimetry, normal values for child. 35654

***effects***

on exper. plague, comparison with immune serum (Rus) 11494

on exper. streptoc. infect., with chloramphenicol, in mice (It) 42701

on vaccinia virus inoculated into embryonated chick eggs (Fr) 48856

***in cerebrospinal fluid***

determ., comparison of gold sol test with electrophoresis (Ger) 25376

determ. with zinc sulfate precipitation (Ger) 6096

electrophoresis (Ger) 27171

***in various diseases***

exper. tuberc., eff. of cycloserine & pyrazinamide in rabbits vaccinated with killed M. tuberc. (It) 24921

exper. tuberc., eff. of isoniazid in rabbits in various exper. cond. (It) 24927

Gma factor in rheum. arthritis, relation to severity of dis. (Fr) 47394

idiopathic steatorrhea (Dut) 15799

infect. in inf. & child. 19872

pathol. personality & schizophrenia, hypergammaglobulinemia (Fr) 47419

***preparation of***

ethanol & rivanol solutions of gamma globulin (Cz) 38173

***therapeutic use***

38612

antivaccinial gamma globulin prev. of smallpox 18367

communicable dis. 50311

herpes zoster 10255

indic. for human plasma globulin (Fr) 53388

infect. dis. in child., limited ther. value (Sp) 21106

infect. dis., indic. & results (Fr) 53379

peptic ulcer, comparison of standard prep. with gamma globulin from serum of convalescent ulcer patients (Fr) 47748

review 52628

**GAMMA RAYS**

bremsstrahlung spectra from x-ray tubes, distribution & intensity 35450

distribution of radiation around circular & linear sources studied with phantoms, with & without radial fins of absorp. material 31637

dose rates from terrestrially distributed sources 8519

dosimetry, appar. & technic (Cz) 30954

dosimetry in irradiation of human head (Rus) 10796

exposure dose relation to absorbed dose in nonelectronic equilibrium cond. 20923

gamma ray spectrometry, activation analysis (Sw) 45362

gamma-ray spectrometry in 2 channels, technics (Sw) 45361

isodose diagrams for telegamma appar. GUT-400, construction by photographic method of dosimetry (Rus) 33615

new method of recording photogammagrams (Ger) 32674

"γ"-scintillation spectrometry, use in quantitative analysis (Fr) 50014

single ion detector for measurement of gamma ray ionization in cavities 27792

spatial distribution of gamma-ray dose from plane source 50021

stand for measurement of external gamma rays of isotope-inclosing containers (Rus) 55259

***effects***

Clostridium perfringens phospholipase C inactivation, molecular weight (Pol) 29508

exper. radiation sickness in guinea pigs, hematol. changes (Rus) 44012

induction of chromatid aberrations, eff. of oxygen on structure & frequency 19570

induction of chromosomal aberrations in Tradescantia plants, effectiveness as compared with other radiations 31606

induction of hyperpigmentation in feet of mice, influence of endocrine glands 31303

lethal & sterilizing eff. of single & fractional doses on insect Calandra granaria 7189

on amino acids, measurement of yields of carbonyl cpds. & sulfur cpds. 31603

on aqueous nitrite solutions, measurement of hydrogen peroxide yield 31604

on aqueous solutions, measurement of radical yields 31602

on broad bean root, relative biol. effectiveness 31607

on desoxyribonucleic acid in solution, review & exper. 52486

on diphtherial immun. sera (Rus) 34656

on dried bact. spores, influence of oxygen on survival 19620

on duodenum of mice, histol. comparison with damage from fission neutrons 31609

on erythrocytes (Rus) 47989

on ferriprotoporphyrin 7154

on fertility of male mouse, comparison with 14 Mev neutrons & fission neutrons 8535

on histochem. of lymph nodes, spleen & thymus in mice 12944

on Klebsiella pneumoniae (Rus) 51759

on learning & body weight in rat after prolonged, low-intensity irradiation 17079

on macromolecular composition of thymus gland isolated from calves 8524

on Neurospora conidia, two-process survival curves 8523

on tyrosinase, protective action of tyrosinase substrate 20924

on vitamins in dry mixtures & solutions, eff. on activity in chicks 5553

on yeasts, post-irradiation changes in resting cells (Rus) 47988

single lethal dose of total-body irradiation on calves, physiol. & pathol. eff. 8533

sterilization of synthetic diet, measurement of nutritional value by reprod. & life span of rats 5550

sterilization of tsetse flies 47610

thymus & lymph node activity changes & bone marrow lymphocyte count changes in guinea pigs during recovery from total-body gamma irradiation 37560

total-body, on resp., roentgenokymography (Rus) 51749

***GAMMEXANE see*** BENZENE HEXACHLORIDE

**GANGLIA**

***see also*** NERVES

***see also*** PARAGANGLIA

fine structure of ganglial sheaths in cockroach, light & electron microscopy 40586

ribonucleic acid in supraoptic nucleus ganglia, eff. of salt loading in rats (Ger) 34414

transm. of excitation through ganglia of common clam 17982

**GANGLIA, AUTONOMIC**

cephalic, in fish Lebistes reticulatus (Fr) 46547

***anatomy and histology***

ciliary ganglion (Rus) 47888

electron microscopy 21730

in pancreas of guinea pig (Fr) 26863

sympath. ganglia in juxta-duodenal & juxta-splenic pancreas, quantitative relationship with islands of Langerhans & alpha-cells (Fr) 40895

synapses in superior cervical ganglia in man & other animals (Rus) 13577

synaptic connections between neurons of intramural ganglia of pelvic organs (Rus) 13068

***diseases***

causing headache (Pol) 30306

chronic solar plexus synd., causes (Rus) 54556

***effect of drugs on***

anesthetic infiltration, histol. & clin. eff. on lumbar ganglia (It) 29561

p-bromobenzyl-trimethylammonium bromide stimulation (Ger) 29906

dicarbohydrazine-dihydrazine-cobalt (Rus) 39327

ephedrine & phenylephrine causing depression of ganglionic transm. in cats 36565

typhoid toxin, on impulse transm. (Cz) 38247

***metabolism***

cervical sympathetic ganglia, histochem. (Fr) 18134

cholinesterase in decentralized & axotomized rat ganglia 20640

glucose & oxygen uptake & lactic acid output in rat sympathetic ganglia at reduced temperature & varied pH 41210

glucose consumption & lactate prod. in excised ganglia at rest & during activity 5469

oxygen consumption of excised ganglia at rest & during activity 5468

superior cervical ganglia, phosphorus metab., eff. of ganglion-blocking agents in hypothermia (Rus) 3559

***pathology***

celiac plexus in amyloidosis (Ger) 34442

in peripheral vasc. dis., histopathol. (It) 39690

Meckel's ganglion, physiopathol. (Pol) 30305

morphol. changes in essential hypertension (Sp) 21164

stellate ganglion in unilateral headache (Ger) 37757

***physiology***

ciliary ganglion block by type A botulinus toxin in rabbits 31440


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

eff. of massive hemorrh. in dogs (Ger) 23172

eff. of pre- & post-ganglionic denerv. on cardiovasc. response to sympathetic amines, comparison with eff. of reserpine (Fr) 38673

eff. of pre- & post-ganglionic section on satellite cells, intrasatellite nerve fibers & inter-neuronal fibers of superior cervical ganglion of rabbit 15698

semilunar ganglion inject. with ethyl alcohol in ther. of trigeminal neuralgia (Ger) 45979

stellate ganglion of squid, funct. of proximal synapses in 50574

superior cervical ganglion stimulation in cats, histol. eff. on ganglia & on periodontium (Ger) 35255

synaptic transm. in cervical sympathetic ganglia of rats, eff. of glucose (Ger) 27844

*GANGLIA, BASAL see* BASAL GANGLIA

GANGLIA, SPINAL

*anatomy and histology*

capsule of spinal ganglion cells in rabbits, electron microscopy 16783

*metabolism*

cytochrome oxidase & succinic oxidase activity in ganglion cells of rabbits 5491

lipids, in cats (R) 37334

ribonucleic acid, relation to surface & nuclear volume in encapsulated ganglial cells 41212

*physiology*

dorsal root ganglia develop. in toad larvae, controlling factors 16782

eff. of deservation on splanchnic activity on gastric motor funct. (Rus) 15763

neuron & neuroglia reactions to inj. (Rus) 33306

*GANGLIOGLIOMA see* ASTROCYTOMA

GANGLIONEUROMA

intrathoracic, tomography (Rus) 10813

mediastinal, case reports & review (R) 47500

peri-pharyngeal, histogenesis & case report (It) 30342

*case reports*

brain stem (Ger) 27159

maturation of sympathicoblastoma into ganglioneuroma, report of 2 cases with 20- & 46-year survivals 48546

*in infant and child*

nasal cavity & maxillary sinus, surg. of ganglioneuroma not fully developed (Pol) 30315

of left maxilla & orbit, case report 17628

*GANGLIONIC BLOCKING AGENTS see* AUTONOMIC DRUGS

GANGRENE

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

*see also* GAS GANGRENE

*etiology and pathogenesis*

arterial thrombosis after intrasmusc. promazine, case reports 16602

penicillin sensitivity causing peripheral gangrene with hemorrhagic purpura, case report 2856

thrombophlebitis 20478

*GANTRISIN see* SULFONAMIDES

*GARBAGE see* SANITATION

*GARGOYLISM see* LIPOCHONDRODYSTROPHY

GARLIC

*effects*

allicin inhib. of degranulation induced by histamine liberators, lecithinase A & antigen-antibody reaction 55390

antibiotic on gastrointestinal system (Ger) 29423

*extracts*

inhib. eff. on gall prod. by Agrobacterium tumefaciens in castor-oil plant (R) 44801

sulfhydryl-blocking principle causing tumor inhib. 38085

GAS GANGRENE

(Fr) 15887

*case reports*

with septicemia of intestines in leukemia 52607

*etiology and pathogenesis*

Clostridium welchii & anaerobic streptoc. infect., case report 53743

criminal abortion by plant root causing gas gangrene septicemia (Ger) 11459

*experimental*

eff. of antigangrene serum, intramusc. admin., in guinea pigs (Rus) 45857

eff. of route of admin. on effectiveness of antitoxin in goats 46528

GASES

*see also* CHEMICAL WARFARE

*see also* MANOMETER

coal gas pois., case report 6547

coal gas pois. in aged in Gt. Brit., relation to incidence of anosmia, statist. 6432

color marking gas bottles (Ger) 23136

gasometry (Dan) 22408

irritating gases inducing pulm. edema, eff. of prednisolone in animals (Ger) 5078

mechanized Natelson microgasometer 46901

prod. by coliform organisms, differential eff. of temperature 40842

rehabil. of soil after exposure to damp from mines (Ser) 37866

sampling effluent gases for particulate matter, method & appar. 46881

*GASOLINE see* PETROLEUM PRODUCTS

GASTRECTOMY

Billroth I & Billroth II reconstructions, clin. comparison 54657

Billroth I with jejunal loop transpl., technic (Por) 8736

Billroth II, results in subjects with small stoma 23472

esophagogastric reconstruction with segments of colon 11816

failures, mechanical causes 51125

hist., indic. & methods 48556

Hofmeister-Finsterer method with Vörebély's modification (R) 29566

in aged, postop. care (Ger) 45974

intragastric pH determ., significance in surg. (Ger) 29402

modification of junction suture & form. of gastrointestinal anastomosis (Rus) 51102

partial & total, methods (R) 47811

partial, method for estimating proportion removed 152

partial resection, anastomosis of gastric stump with duodenum by jejunal insertion (Pol) 30690

postop. care & prev. of secondary dis. (Ger) 52271

postop. hemopoiesis (Rus) 33222

postop. nitrogen metab., eff. of 17α-ethyl-4(5)-estren-17β-ol-3-one (Dan) 45503

postop. residual funct. tests with various methods of dialysis (Dan) 22403

postop. working capacity (Rus) 32894

postop. x-ray exam. of gastric stump, technics & diag. value 27101

re-establishment of digestive tract by inversion of duodenum, technic (Fr) 11858

review & new technic of subtotal gastrectomy (Sp) 38499

Rydygier's method, hist. (Pol) 53178

stump management in peptic ulcer (Rus) 33224

subtotal, simplified technic 40340

subtotal with Braun's anastomosis, advantages (Sp) 8199

total & partial, with resection of cardia, postop. x-ray findings (Ger) 15846

total & subtotal, improved technic (Rus) 9896

total, indic., technics & remote results (It) 2003

total, postop. changes in serum proteins, eff. of testosterone enanthate (It) 39528

total, postop. digestion compensation (Rus) 41678

total, postop. hematol. changes (Ger) 26168

total, reconstruction of upper gastrointestinal tract with colon segments 150

total, technics of restoration of gastrointestinal continuity 3978

total with esophagojejunal anastomosis, indic. & technic 23663

total, with small intestine replacement, results (Ger) 29091

with gastroduodenal anastomosis, postop. clin. & biol. findings (Fr) 36622

with replacement with loop of small intestine (Ger) 11396

with resection of lower portion of esophagus, technic (It) 6885

with small intestine replacement, Sacharow-Henley technic (Ger) 11397

*complications*

acute postop. pancreatitis in peptic ulcer (Ger) 14954

afferent loop synd., case reports 11879

anemia, hypersideremic protein-defic. (Fr) 54294

biliary tract dis. after Billroth II subtotal gastrectomy 46524

cancer of gastric stump (Ger) 29475

cancer of stomach, incidence 10098

dehiscence, perop. cardiac arrest in Adams-Stokes synd. (Cz) 2738

delayed postop. duodenocolic fistula 37633

dumping synd. 16605, 50670

dumping synd. (Ger) 22925

dumping synd. (Pol) 30741

dumping synd., etiol., decreased pancreatic secretion & pancreaticocibal asynchrony, diet ther. 55435

dumping synd., review (Sp) 31485

dumping synd., technical surg. factors which enhance or minimize compl. 13314

dumping synd., variations in fluid content of small intestine during dumping attack, x-ray manifest. 14143

duodenal fistula following gastrectomy for peptic ulcer, case report (Fr) 18637

duodenal fistula, surg., implantation of placental tissue in fistula tract (Ger) 15336

dysfunct. of stump & anastomosis, mechanism (Rus) 10808

hernia of efferent jejunal loop (Hun) 10599

hyperdiastasuria & acute pancreatitis after partial gastrectomy 11868

inadvertent gastro-ileal anastomosis with potassium defic. 11630

inj. of bile ducts & pancreatic duct (Fr) 17000

intestinal obstruct. (Sw) 10938

late develop. of cancer after gastrectomy & gastroenterostomy for peptic ulcer & benign pyloric stenosis 54655

late postop. intestinal obstruct., intestinal resection (Rus) 45192

perop. mortal. & late seq. after subtotal & total resection of cancer of stomach & cardia (Ger) 38441

postop. acute obstruct. of proximal jejunal loop or of duodenum (It) 42537

postop. anastomotic ulcer after partial gastrectomy, case reports 6200

postop. anemia (It) 39771

postop. anthrax of parotid gland, case report (Sp) 1846

postop. cancer in peptic ulcer ther. (Rus) 33583

postop. cholelithiasis (Ger) 55392

postop. Clostridium welchii septicemia 53231

postop. coronary ischemia after partial gastrectomy 26142

postop. develop. of gastrojejunal ulcer into gastrocolic fistula after surg. for duodenal ulcer, statist. 12926

postop. disord. after gastric resection for peptic ulcer, etiol. & ther. (Ger) 6737

postop. disord., follow-up ther. (Ger) 11370

postop. duodenal & jejunal hemorrh. in Finsterer's gastrectomy in peptic ulcer (Pol) 20427

postop. duodenal-stump fistula, management 41853

postop. duodenal stump leakage, stomal obstruct., hemorrh., dumping synd. & pancreatic & other compl. 12054

postop. edematigenous complex defic. synd., ther., potassium orotate with vitamin E (It) 25631

postop. esophageal stenosis after partial gastrectomy, case reports 3244

postop. external pancreatic fistula, physiol. eff. on pancreatic secretion, case report 22914

postop. hemorrh. in partial excis. in peptic ulcer ther. (Pol) 20426

postop. hypoglycemia (Dut) 43021

postop. hypoproteinemia, correction with gluten-free diet, case report 14231

postop. invaginations & evagination of gastric mucosa into anastomosed loops (Sp) 49152

postop. iron-defic. anemias, review 43276

postop. peptic ulcer (Fr) 38805

postop. protein defic., psychopathol. eff. (Fr) 47452

postop. pulm. tuberc. (Ger) 10549

postop. pulm. tuberc. (Sw) 45344

postop. pulm. tuberc., statist. 27535

postop. recur. peptic ulcer (Fr) 17003, 19538

postop. reflux esophagitis after esophagogastrectomy, surg. technic (Por) 16119

postop. reflux in esophagogastric resection, prev. by anastomosis, technic (Fr) 42436

postop. residual disord. (Ger) 6736

postop. retrograde intussusception of afferent loop after gastroenteroanastomosis (Sp) 53330

postop. stomach cancer, late develop. after gastroenterostomy for peptic ulcer, case report (Sp) 44505

postop. synd., androgen ther. (Dut) 52490

postop. synd., ligation of afferent jejunal loop (Ger) 41721

postop. synd., surg. correction (Ger) 45844

stoma ulcer, radiother. 50175

surg. correction of disord. following subtotal gastrectomy (Fr) 54605

ther. (Fr) 49743

*effects*

on absorp. of vitamin B12 labeled with radiocobalt, subtotal gastrectomy 50722

on aging process (R) 27621

on blood vitamin B12 in rats 29817

on exocrine pancreas funct., x-ray (R) 16027

on fat & nitrogen absorp., total gastrectomy in dogs 22002

on fat metab., fecal elimination in patients fed normal mixed diet (It) 36818

on iron absorp., Billroth I & II gastrectomy 11878

on iron absorp., total gastrectomy in dogs 22858

on nutrition 16555

on small intestine glucose & water absorp. in dogs (Rus) 37170

subtotal & total, on intrinsic factor production, determ. with radiolabeled vitamin B12 urine excretion test (Ger) 54355

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

triolein absorp. in subtotal gastrectomy, eff. of pre-feeding on fat 31299

*experimental*

blood proteins & lipids in gastrectomized rats treated with group-specific substances from hog gastric mucosa (It) 1904

gastrointestinal anastomosis, healing & blood supply in dogs (Ger) 23192

postop. compensatory funct (Rus) 37167

postop. gastroscopy for determ. of cond. of gastric stump in animals (Ger) 3383

postop. replacement of intrinsic factor by sorbitol, failure in rats 19460

suture technic, relation to postop. anastomositis in dogs (Ger) 36172

*in various diseases*

benign peptic ulcers of stomach & duodenum, partial resection 28581

cancer, clin. statist. (Fr) 42427

cancer, clin. statist. & technic (Ger) 11386

cancer, fifteen year postop. survival 46960

cancer, implantation of tumor cells in cutaneous layers of surg. wd. (It) 29573

cancer of cardia, preop. & postop. care (Ger) 7088

cancer of stomach (Sp) 44547

cancer of stomach, total, technic (Fr) 6296

cancer of stomach with severe sympt. pseudochemophilia, case report (Fr) 51397

cancer, postop. urinary nitrogen (Rus) 55329

cancer, remote results, comparison with inoperable cases given simple supporative ther. 49691

cancer, results of radical resection (Rus) 45198

cancer, statist. 13321 38848

cardio-esophageal surg. in neoplasms & gastritis, technic using two teams (Por) 8749

duodenal ulcer, Billroth I gastrectomy 35927

esophagitis 42819

esophagocardiomyotomy in cardiospasm, Heller technic (Por) 8753

esophagogastrectomy with jejunal graft in reflux esophagitis & ulcer (Por) 8748

gastrointestinal hemorrh. of unknown etiol. (Pol) 30430

low duodenal ulcer, long-term results (Rus) 5987

lymphosarcoma of stomach, followed by radiother., case report 29769

Mallory-Weiss synd., total, case report 2140

massive gastric hemorrh. (Dut) 19730

peptic ulcer 11877 17646 22065 32094 23475 28492 54758

peptic ulcer, eff. on hemopoietic system (Rus) 45167

peptic ulcer, follow-up study (Ger) 2287

peptic ulcer, hemigastrectomy terminated by gastroduodenal anastomosis & with bilateral vagotomy, technic (Fr) 1461

peptic ulcer, hemigastrectomy with pyloric antrum excis. 22040

peptic ulcer hemorrh. with severe resp. insuf., case report 2153

peptic ulcer in aged, statist. (Pol) 30738

peptic ulcer in stomach tuberc., postop. recur. ulcer of gastric stump (Ger) 49127

peptic ulcer, indic. (Fr) 18630

peptic ulcer, late results in extensive gastrectomy (Sp) 29348

peptic ulcer, management of duodenal stump (Hun) 6338

peptic ulcer perf., hist. 51526

peptic ulcer perf., statist. (Sp) 20657

peptic ulcer, perforated, indic. 53281

peptic ulcer, remote postop. work capacity (Rus) 45200

peptic ulcer, remote protein metab. (Rus) 32549

peptic ulcer, remote results (Rus) 41679

peptic ulcer, subtotal gastrectomy with resection of great omentum (Sp) 1833

peptic ulcer, with end-to-end cholecystoduodenostomy in common bile duct obstruct. 23051

primary lymphosarcoma of stomach, 10-year survival, case reports 27969

short esophagus with strict., esophagogastrectomy & antral excis. 13311

subtotal in postop. lateral duodenocutaneous fistulas (Sp) 1836

total in cancer of stomach, progr. (Dut) 52536

total, with right hemicolectomy, in recur. cancer of stomach & appendix 52684

tridermoma of stomach in young inf., partial gastrectomy (Sp) 13900

*statistics*

hosp. statist. (It) 7662

partial & total (Ger) 29119

## GASTRIC JUICE

achlorhydria & indican metab., eff. of pancreatic stimulation 24832

achlorhydria causing emotional disord. (Ger) 52568

achlorhydria, diag. by stained ion exchange resin tests (Ger) 11168

achlorhydria in rheum. arthritis, antirheum. drugs causing peptic ulcer, case report 36256

achlorhydria, relation between clin. sympt. & organic disord. & necessity of etiol. ther. (Hun) 43423

achlorhydria, relation to funicular myelosis (Hun) 52898

achlorhydria, temporary, caused by superficial gastritis 19833

achlorhydria, urinary 5-hydroxyindoleacetic acid in, eff. of HCl 35190

achylia in plasma cell myeloma physiopathol. & metab. (Fr) 21391

acid secretion, correlation of response to histamine & parietal cell mass in dog 12579

acid secretion, eff. of fludrocortisone in normal subjects 24833

acid secretion in peptic ulcer secretion, pre- & postop. dynamics (Fr) 1451

acid secretion in pernicious anemia 26038

acid secretion in vagal stimulation, influence of pyloric antrum 745

acidity & pepsin content, eff. of nicotinic acid in dogs (Rus) 22676

acidity & secretion in patients with gastrointestinal dis., eff. of vitamin B6 admin. (Rus) 33357

acidity, determ. by azur exchange resins, tubeless analysis method (Dan) 22436

acidity, determ. in fed & fasted guinea pigs (It) 1914

acidity determ. without intubation in ment. patients (Cz) 48649

acidity, eff. of acetazolamide & chlorothiazide, comparison in rats (It) 37498

acidity, eff. of histamine & reserpine, comparison (Sp) 43918

acidity in gastritis & peptic ulcer (Rus) 33897

acidity, test, technic & statist. (Ger) 9987

acidity test with amberlite RXE-98 plus azure A 35685

acidity, tubeless analysis as mass screening procedure 4501

biol. funct. of large molecular components, fractionation technics 10434

chlorhydria with pernicious anemia, reappearance following vitamin B12 ther. (Fr) 21335

collection for analysis, evaluation of methods 27549

composition, eff. of pain stimulation in dogs (Rus) 52986

determ. by desmoid reaction (Ger) 38896

eff. on tick-borne encephalitis virus (Rus) 33846

electrolyte concentration, postop. (Por) 44439

elimination of methylene blue in gastric juice in dogs (Ger) 46690

funct. precancerous stage, polarographic, electrophoretic & biochem. study by continuous paper electrophoresis 49664

gastricsin isolation by chromatography 1709

hemopoietic factor study by bioculture methods 1780

high-molecular constituents in cancer of stomach, polarographic, electrophoretic & biochem. studies 49662

histamine-fixation potency in gastrointestinal dis. (Fr) 54462

histamine refractory anacidic specimen in cancer of stomach, electrophoresis 49663

histamine-resist. achylia in lymphatic & myelocytic leukemia (Pol) 38104

hyperacidity, ther., aluminum hydroxide glycine-magnesium oxide-belladonine prep. 531

hypersecretion & hyperacidity caused by insulin, eff. of reserpiline 26889

hypersecretion in etiol. of peptic ulcer 40296

hypersecretion induced by histamine causing gastritis in cats (Ger) 37023

hypersecretion with acromegaly & jejunal ulcers, clin. pathol. conf. 36255

hypo- or achlorhydria with optic neuritis (Fr) 7066

intrinsic factor action in everted sacs of rat small intestine, mechanism 50458

intrinsic factor antibody 51024

intrinsic factor, attempted replacement by sorbitol in gastrectomized rats 19460

intrinsic factor-binding by radiocobalt analogs of vitamin B12 substituted in benzimidazole group, relation to intestinal absorp. (Ger) 46211

intrinsic factor concentrates, binding of radiocobalt-labeled vitamin B12 analogs, specificity, radiochromatography (Ger) 32696

intrinsic factor concentrate, eff. of increasing doses of oral uptake of vitamin B12 in pernicious anemia 32242

intrinsic factor, eff. of different prep. on vitamin B12 uptake in rat liver slices 20734

intrinsic factor, eff. on vitamin B12 absorp, in rats, review 20022

intrinsic factor, eff. on vitamin B12 resorption (Dut) 29972

intrinsic factor, eff. on vitamin B12 uptake by rat intestine in vitro 31355

intrinsic factor from hogs, eff. on vitamin B12 uptake by various rat tissues in vitro 12517

intrinsic factor from hogs, in vitro assay with rat liver homogenates 20719

intrinsic factor, inhib. eff. on vitamin B12 absorp. 38623

intrinsic factor production after subtotal & total gastrectomy, determ. with radiolabeled vitamin B12 urine excretion test (Ger) 54355

intrinsic factor, relation to vitamin B12 absorp., review (Ger) 42903

intrinsic factor, site of prod. in rats 50712

intrinsic factor ther. of pernicious anemia, with vitamin B12, prolonged oral admin. (Ger) 24228

intrinsic factor, ther. use (Fr) 32052

intrinsic factor-vitamin B12 prep., oral ther. of pernicious anemia, refractoriness abolished by massive doses of intrinsic factor 35102

17-ketosteroid determ. 8470 31325

loss of gastric juice causing osteodystrophy, prev. by parathyroidectomy in rat 3693

neutral red & Katsch-Kalk tests for gastric HCl secretion, comparison & clin. value (Por) 21064

parietal cell inhibitor in normal human gastric juice, intravenous inject. in dogs causing atrophic gastritis 33072

pH determ., in gastrectomy (Ger) 29402

radiostrontium, adsorption with hydroxyl-apatite crystals (Rus) 1726

relation to pathogen. of stomach hemorrh. in dog 10139

sampling in small animals, method (It) 1913

secretion after insulin admin., eff. of fructose (Fr) 44616

secretion after various types of feeding in swine (Rus) 49554

secretion & acidity, eff. of parenteral admin. of calcium salts in pigeons 47727

secretion & relation to urinary excretion of free histamine in dogs 12519

secretion, antisecretory activity of antacids in histamine-stimulated rabbits 40360

secretion during prolonged salicylate admin. in comatose man 15941

secretion, eff. of ACTH & adrenal cortex hormones 526

secretion, eff. of amphetone in rats 12522

secretion, eff. of Bessau's nutrient in inf. (Hun) 39745

secretion, eff. of 3-diethylamino-ethyl-3-phenyl-glutarimide (Fr) 27531

secretion, eff. of ethyl-methyl-iso-octenyl-amine (Sp) 21158

secretion, eff. of higher nerv. activity changes in vitamin B1 defic. in dogs (Rus) 1740

secretion, eff. of histamine metabolites & their inhibitors 12577

secretion, eff. of hypothalamic stimulation in dogs (Rus) 13845

secretion, eff. of iproniazid & aminoguanidine in dogs 12520

secretion, eff. of olive oil & oleic acid in rat, comparative inhib. eff. 20919

secretion, eff. of polonium & radon in animals (Rus) 51767

secretion, eff. of radial acceleration in dogs (Rus) 37172

secretion, eff. of raunitorine (Fr) 48924

secretion, eff. of Rauwolfia vomitoria extracts in dogs (Fr) 3120

secretion, eff. of reserpiline (Fr) 26836

secretion, eff. of reserpine (Sp) 21061

secretion, eff. of sleep ther. before & after excis. of ileocecal angle, kidneys & gallbladder in animals (Rus) 33194

secretion, eff. of tap water containing chlorides & sulfates (Ger) 28419

secretion, eff. of tricyclamol in dog & rat 51077

secretion, eff. of x-ray single dose total body irradiation in dogs (Rus) 10824

secretion, graphic registration (Rus) 49569

secretion, hemodynamics 13312

secretion in duodenal ulcer, inhib. by isopropamide iodide 3692

secretion in hypertension (Rus) 32541

secretion in hyperthyroidism (Rus) 32891

secretion in peptic ulcer, synergistic eff. of chlorpromazine & tricyclamol 49721

secretion in pylorus-ligated rats, eff. of adrenalectomy, hypophysectomy & vagotomy 3691

secretion in rats studied with duodenal fistulas & intragastric catheters, methods & results (Fr) 44637

secretion, maximal histamine test, value in postop. compl. in peptic ulcer surg. 51131

secretion, measurement in various dis. by stimulation of mechanical & chem. receptors of stomach (Cz) 9489

secretion, neural & humoro-chem. factors in restauration (Rus) 49538

secretion, relation to blood pepsinogen level 42135

secretion, relation to pancreatic juice secretion (Rus) 10235

secretion stimulated by humoral mechanisms, eff. on urinary excretion of free histamine in dogs 13518

vitamin B12-binding protein from gastric juice, antianemic activity (Ger) 49927

vitamin C levels, comparison with blood levels & relation to urinary uropepsinogen (Sp) 20826

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

## GASTRIC MUCIN

eff. of secretoin on secretion from pyloric mucosa in dogs 3686

mucoprotein from cat gastric mucin in ther. of hypercholesteremia (R) 39668

***effects***

cat gastric mucin prep., on optic density of blood, comparison with heparin sodium (It) 36815

differential eff. of hog gastric mucin on properdin & host resist. to bact. infect. 40450

on exper. gastric ulcer develop. 31783

plasma-clearing eff. in dietary hyperlipemia in angina pectoris, plasma turbidity & ECG changes 2891

plasma-clearing eff. in normal & atherosclerotic subjects 2890

*GASTRIC ULCER see* PEPTIC ULCER

## GASTRITIS

chronic 19927

chronic, diag. & ther. 51539

diag. & ther. of chronic gastritis (Ger) 39010

giant hypertrophic , differ. diag. & surg. 54714

giant hypertrophic gastritis simulating gastric tumor, x-ray manifest. & case report 17280

in dogs, spontaneous develop. (Ger) 49125

***case reports***

hypertrophic gastritis simulating a tumor (Rus) 5981

***complications***

hemorrh., surg. (Pol) 20428

peptic ulcer, juxtapyloric with varioliform gastritis (It) 7726

peptic ulcer, statist. (Ger) 27538

temporary achlorhydria & hyperpepsinemia caused by superficial gastritis 19833

***diagnosis***

gastroscopy in hemorrh. gastritis 524

***experimental***

atrophic & atrophic-hyperplastic gastritis in monkeys, attempted induction of malignant transform. (Ger) 23972

atrophic, induced in dogs by intravenous inject. of parietal cell inhibitor from human gastric juice 33072

eff. on leukocyte count (Rus) 1744

eff. on secretomotor activity of stomach in dogs (Rus) 13850

induced by gastric juice after repeated histamine inject. in cats (Ger) 37023

***pathology***

connective tissue changes, eff. on anat. & funct. of fundus glands (It) 25569

varioliform x-ray images not confirmed by gastroscopy in hypertrophic gastritis (Fr) 1450

***physiology***

gastric acidity (Rus) 32892

mast cell count in mucosa 24848

***therapy***

adiphenine, central action (Rus) 33177

adiphenine, eff. on gastric funct. (Rus) 33175

azulene-licorice root extract prep. (Ger) 7107

diet ther. of chronic gastritis (Fr) 9647

1,4-dimethyl-7-isopropyl-azulene, results in secondary gastritis (It) 19180

***urine in***

uropepsin excretion 24863

*GASTRODUODENAL ULCER see* PEPTIC ULCER

## GASTROENTERITIS

***see also*** ENTERITIS

***see also*** GASTRITIS

enteropathogenic eff. in rabbits of E. coli strains isolated from human gastroenteritis 5686

infect. gastroenteritis of pigs, clin. & pathol. aspects 50477

***etiology and pathogenesis***

allergic reaction to horse serum, case report (Sp) 44506

chloramphenicol-resist. E. Coli C80 strains 169

E, coli gastroenteritis epidemic (Fr) 41137

E. coli 0127:B8 strain, bacteriol. & clin. manifest. 2608

Salmonella typhimurium, epidemiol. (Dan) 10683

***in infant and child***

blood antibody levels in inf. 5643

caused by E. coli O119 B14 in inf. (Fr) 10026

caused by E. coli, ther., polymyxin (Fr) 30232

duodenal antibact. factor in inf. in normal & pathol. cond. (Ger) 13088

dust-borne Salmonella typhimurium gastroenteritis in hosp. child. ward 18392

E. coli (Nor) 54972

E. coli O111:B4 dyspepsia (Rus) 7902

E. coli infect. in inf., colimycin ther. (It) 52014

E. coli infect. in inf. in military hosp., control program 41420

E. coli 0119 infect., hosp. outbreaks in inf. 36540

E, coli 055 infect, in newborn, comparison of 3 Czech, nursery epidemics (Cz) 38320

E. coli infect., staust. on pathogenic strains (Fr) 23929

E. coli 111 B4 infect., ther., polymyxin B (Fr) 25464

hosp. statist. 28597

Shigella & Salmonella infect., ther., antibiotics 45065

ther., colimycin (It) 52033 52034

ther. colimycin, oral admin. (It) 52022

ther., oxytetracycline causing acute hemolytic anemia 14299

***pathology***

pancreas (Pol) 43657

***therapy***

pancreatic enzyme prep. in chronic gastroduodenitis (Ger) 42945

## GASTROENTEROLOGY

***see also*** PROCTOLOGY

516

Amer. Journal of Digestive Dis., 25th anniversary 35674

contribution of Ismar Boas 27530

contributions of I. P. Razenkov (Rus) 49558

contribution of Antoni Tuchendler (Pol) 8078

progr. (Fr) 41114

progr. as speciality 35675

## GASTROINTESTINAL DISEASES

***see also*** TUBERCULOSIS, GASTROINTESTINAL

diag. & ther. in Paris hosp. (Sp) 49151

diag. & ther., review 18676 20568

digestive insuff., etiol. & ther. (Ger) 32970

herpes zoster (Ger) 33830

in behaviorally conditioned monkeys 20874

in epilepsy (Fr) 32008

in ment. dis. patients, radiol. diag. (It) 32163

nematode infect. in sheep, ther., hygromycin, failure 40416

parasitol. in horses (Pol) 33686

protozoan Globidium giruthi infect. in Egyptian sheep & goats 30363

pyrosis, clin. significance & ther. 2357

review (Ger) 19314 19398

review (Ger) 52278

value of clin. hist. in digestive pathol. (Sp) 42209

***case reports***

granulomatous terminal ileitis, segmental granulomatous colitis with gastritis & duodenitis, x-ray diag. 50872

hypertrophy with pachyperiosteoderma (Cz) 48655

motility disord. with fatal inanition, caused by skeletal polymyositis or progr. musc. dystrophy 49724

***complications***

absorp. disord. causing hypercalcemia (Ger) 46111

neurodermatitis (Ger) 6060

rheum. (Rus) 45128

***diagnosis***

(Ger) 52202

coprol. exam., indic. & diag. value (Sp) 49158

funct. disord., x-ray diag. (It) 3861

of upper tract, diag., x-ray, fluoroscopy & clin. exam. 536

radiotelescope absorp. test, technics & value 33516

uropepsin determ. 24872

***differential diagnosis***

amyloidosis simulating gastric cancer 12716

***epidemiology***

(Ger) 39079

***etiology and pathogenesis***

adrenal cortex hormone ther. causing various disord., review (Fr) 216

antibiotics, superinfect. caused by secondary organisms following antibiotic ther. 6992

chloramphenicol (Pol) 43678

collagen dis. (Fr) 21414

collagen dis. causing dyspepsia (Ger) 23093

cortisone & prednisone ther. causing gastroduodenal compl. (Fr) 7767

drugs causing various gastrointestinal disord. (Fr) 54895

dyspepsia 12372

heart dis., preop. & postop. x-ray exam. (It) 44337

improper eating & drinking habits (Ger) 15325

lead pois. (Ger) 38911

Ménière's dis. 37731

post-cholecystectomy dyspepsia, epigastric pain, vomiting & flatulence caused by sclerosis of Oddi's sphincter (Sp) 44514

tox. eff. of various ther. agents 38137

***in aged***

surg., statist. 38844

ther., kolantyl 4441

***in infant and child***

***see also*** INFANT NUTRITION DISORDERS

acute dyspepsia, etiopathogen. (Rus) 45254

acute, in newborn, etiol. (Pol) 53169

classif. & clin. manifest. (Ger) 49684

classif. & x-ray diag. (Ger) 49685

diag., bronchography 36280

dyspepsia, blood phosphorus, calcium & protein determ. (Rus) 7905

E. coli infect. in inf., colimycin ther. (It) 52019

helminth infect. in Poland (Pol) 30405

in Mexico (Sp) 51659

isolation of pathogenic E. coli (Rus) 55838

micrococcal infect. (Rus) 36881

parasitic dis., eff. on growth (It) 31701

physiopathol., review 237

prev. by carob flour (It) 2975

relation to personality of mother 5112

ther., chloramphenicol succinate (R) 42770

***manifestations***

allergic manifest. in funct. disord. (Sp) 29383

funct. indigestion, clin. & x-ray manifest. 6123

***metabolism***

calcium (Ger) 49675

***microbiology***

(Rus) 41670

***physiology***

digestive enzymatic disord. (Ger) 19382

gastric juice acidity & secretion, eff. of vitamin B6 admin. (Rus) 33337

histamine-fixation potency of gastric juice & blood serum (Fr) 54462

mechanism of gastrointestinal pain, review 35669

parathyroid gland funct. tests in patients with funct. gastrointestinal distress 35176

***prevention and control***

infect., in Russia (Rus) 33375

vacc. (Rus) 55816

***psychology***

predisposition to psychol. trauma in funct. digestive disord. (Fr) 55113

psychosomatic origin & psychoanalytic interpretation, case report (Fr) 9044

***statistics***

in Italy, incidence of parasitic dis. (It) 9386

***surgery***

perop. & postop. ECG changes (It) 7724

review 18677

review (Fr) 39488

***therapy***

adjuvant antacid in gastrointestinal disord. caused by prednisone & prednisolone ther. of rheum. arthritis 14542

antispasmodics, charcoal & diets in flatulent dyspepsia (Fr) 39483

balneother. (Ger) 10284

bismuth silicate (Fr) 39481

bismuth subnitrate (Fr) 32374

chloroquinaldol (Ger) 22867

colimycin (It) 52020 52033

cortisone (Fr) 217

cortisone, review (Fr) 212

dihydroxyaluminum glycinate-magnesium oxide-bellafoline prep. 24418

diphenmethanil methylsulfate alone & with phenobarbital or perphenazine 12295

isopropamide with prochlorperazine 53059

mesprobamate with tridihexethyl iodide 24416

3-methyl-1-phenyl-4-piperidinomethyl pyrazolone 17415

musc. relaxants 29337

new drugs 54545

oxyphenonium 24419

phytother. (Ger) 4034

scopolamine N-butylbromide (Fr) 32409

vitamin K1 (Fr) 54479

***transmission***

by Phyllodromia germanica, control through ship fumigation (Pol) 33814

***urine in***

Kimbarovskii's latent color reaction, diag. value (Bul) 16435

uropepsin (Fr) 47351

uropepsin, diag. value (Cz) 26548

uropepsinogen excretion, determ. & clin. significance 24831

## GASTROINTESTINAL SYSTEM

***see also*** ESOPHAGUS

***see also*** INTESTINES

***see also*** MOUTH

***see also*** PHARYNX

***see also*** STOMACH

endoscopy, use of photography & cinematography, methods & value 36285

intubation, use of small magnets to locate tips of tubes without fluoroscopy 46916

***abnormalities***

(Sp) 23983

atresia & stenosis, diag. & ther. (Ger) 49686

congen. cysts & diverticula (Fr) 20518

with spina bifida, case reports 5674

***blood supply***

arteriosclerosis (Sp) 20636

blood vessel changes in peritonitis, dynamics (Rus) 5945

***diverticula***

multiple diverticula of entire tract, x-ray aspects (Fr) 41386

surg. (Sp) 44521

***effect of drugs on***

ACTH & phenylbutazone on mucosa 46929

adiphenine, anicaine & tetraethylammonium iodide on reflective regulation in dogs (Rus) 33172

adrenal cortex hormones 525

analgin, x-ray control (It) 3718

chlorpromazine on funct. in cats & dogs (Rus) 33188

3-diethylaminoethyl-3-phenyl-glutarimide on motility (Fr) 27531

2,2-diphenyl-4-(4'-ethoxycarbonyl-4'-phenyl)piperidino-butyronitrile on motility (Fr) 23717

ethyl alcohol on serotonin content & enterochromaffin cell count after continuous admin. in rabbits (Ger) 53310 54391

garlic, antibiotic eff. (Ger) 20423

morphine, x-ray manifest. 14142

oral iron prep. 6174

tris-(dimethylaminoethyl)amine tri-HCl, x-ray & gastroscopic manifest. (Ger) 27537

***effect of radiations on***

beta rays from radiophosphorus-labeled chromic phosphate, admin. to rats by gavage 24843

fast neutron beam, in dogs, attempted protection with infusion of autologous bone marrow 23314

funct. eff. (It) 19223

whole-body x-irradiation, early gastrointestinal response in rat 44301

x-rays, eff. on blood proteins in rats 11535

***extracts***

eff. of gastroduodenal tissue extract on gastric juice protein behavior (Ger) 27530

in ther. of corneal epithelial dystrophy in rat 23870

***fistula***

biliogastrointestinal, spontaneous (Sp) 44455

postop., with water-electrolyte loss, management (Por) 39985

***foreign bodies***

***see also*** BEZOARS

(Rus) 19274

differ. diag., case report (Ger) 40970

fate of swallowed objects & indic. for surg. (Rus) 20163

seq. (Ger) 23186

spontaneous excretion & surg. (Ger) 11369

***hemorrhage***

acute, determ. of erythrocyte loss & replacement by transfusion 31593

acute of upper tract, diag., endoscopy 12287

blood transfusion response as guide in management 151

caused by acetylsalicylic acid (Fr) 53396

caused by closed abdom. inj., differ. diag. (Ger) 35594

caused by jejunal angiomatosis 41155

caused by jejunal diverticulosis, surg. & case report 25059

caused by mucosal sarcoma of duodenum, case report (Ger) 23200

caused by rare dis., skin & mucous membrane manifest. 10427

caused by salicylates 18457

caused by salicylates, with severe hypochromic anemia, case reports 18458

caused by thrombotic thrombopenic purpura, case report 49711

caused by typhoid fever, autopsy findings 35688

causing hepatic coma, ther. by neomycin 26106

clin. diag. including arteriography of stomach 49699

diag. & management of cases with rare causes 16639

diag., double lumen tube as aid 35683

diag., endoscopy, emergency method & results (Fr) 36655

diag. value of posthemorrhagic blood ammonia in cirrhotic & non-cirrhotic patients (Fr) 21265

during 8th month of pregn., case report (Fr) 26272

etiol. & surg. (Ger) 22931

etiol. & ther. (It) 43466

evaluation of severity & its prognostic importance, review (Sp) 44518

in cholelithiasis (Pol) 20434

in hypertension (Rus) 45149

in portal hypertension, surg. (Pol) 20417

in pseudoxanthoma elasticum with angioid striae, case report (It) 6823

in splenomegaly, case report (Sp) 15480

lower tract, diag. & management 54704

manifest. (Ger) 30969

massive, in liver dis., ther., panel discussion 522

massive, of upper tract, med. ther. & surg. 13315

massive, ther., blood transfusion, psychother., self-selected diets & surg. (Dut) 19730

of unknown etiol., surg. (Pol) 20430

of unusual etiol., clin. & pathogen. problems, review (It) 20403

prothrombin time determ. (Nor) 43242

severe upper tract hemorrh. emergency x-ray diag. 30099

splenoportography (Pol) 20416

surg., explorative gastrotomy in severe hemorrh. (Fr) 42439

ther. (Fr) 49743

upper gastrointestinal hemorrh. caused by Rauwolfia alkaloid ther. of hypertension 21410

upper tract (Pol) 20407 20408 20409 20410 20413 20414 20432 20431 20435

upper tract hemorrh. caused by adrenal cortex hormone ther. of rheum. arthritis 26284

upper tract, localization with fluorescein string test 22026

upper tract, surg. 22093 23473

upper tract, x-ray diag. (Ger) 49085

***hormones***

***see also*** SECRETIN

cholecystokinin & secretin in cholecystography (Sw) 52738

cholecystokinin for improved visualization in cholangiocholecystography (Dut) 40466

cholecystokinin in cholecystography & cholangiography (Sw) 52739

cholecystokinin intravenous drip infusion for gallbladder emptying in cholecystography (Sw) 52730

cholecystokinin stimulus in emptying of contrast-filled gallbladder 35462

pancreozymin-stimulation of pancreatic secretion as funct. test, diag. value 8493

***in various diseases***

collagen dis. (Sp) 53364

hookworm infect., gastroduodenal synd. (Fr) 51517

insuff. of anterior pituitary (Sp) 8851

leukemia (Fr) 31081

periarteritis nodosa (Fr) 32035

reticuloendotheliosis, x-ray manifest., review 20946

tuberc., differ. diag. value (Ger) 25807

***innervation***

Auerbach & Meissner plexuses in guinea pig, nerve cell counts & cytochem. 15712

Auerbach's plexus in mice (Ger) 55563

autonomic innerv. in buffalo, histol. study (It) 37379

sympath. nerves in swine (Rus) 47869

***metabolism***

ceroid pigment in smooth musc. in cystic fibrosis of pancreas with vitamin E defic. 7871

oxidizing enzymes in gerbil (Fr) 15112

phosphorus-containing substances in digestive juices (Rus) 22648

polyethylene glycol in calfs, substances interfering with its determ. 7135

vitamin B synthesis in sheep, eff. of cellulose, starch & gluten (Fr) 38693

***microbiology***

Blastomyces, eff. of chloramphenicol ther. (Pol) 31539

dysbacteria (Ger) 29459

group D streptoc. in rumen of calves, antigenic analysis 17902

Micrococcus pyogenes (Ger) 25217

saprophytic bact. & fungi, eff. of antibiotic ther. (Fr) 43806

seasonal fluctuations of gastrointestinal nematodes of imported beef feeder calves in No. E. Iowa 4611

***neoplasms***

***see also*** MALIGNANT CARCINOID SYNDROME

Brill-Symmer's dis., Hodgkin's dis. & sarcoma (Fr) 31081

causing intestinal hemorrh. (Sp) 49156

diag., exfoliative cytodiag. 50217

early diag. 28462

early diag. (Dan) 41964

enzyme content of carcinomas (Ger) 37026

estrogen excretion in urine 19723

gastroduodenal lymphosarcoma with lymphoid leukemia, clin. & x-ray aspects (Fr) 18003

in child. & adolescents (Fr) 6409

lymphatic tumors, x-ray diag. (Ger) 49124

lymphoma, various types 5449

lymphosarcoma 54755

metastatic from uterus (It) 44313

multiple metastatic gastrointestinal carcinoma from polyposis (Rus) 55338

multiple of upper tract, classif. pathogen. & incidence (Fr) 44669

of upper tract, x-ray & radium ther. & surg., methods & results at Curie Foundation (It) 53748

polypi as precancerous cond. (Fr) 40973

radiophosphorus uptake (Rus) 27311

recur. of sympt. after resection of primary tumors 26105

sarcoma (Ser) 9958

upper tract, relation to Plummer-Vinson synd. 2660

urine in, Kimbarovskii's latent color reaction, review (Bul) 16437

with eosinophilia, review 47245

***pathology***

in periarteritis nodosa, review 46917

in pernicious anemia, x-ray determ. (Ger) 51844

***perforation***

acute perf. of upper tract, diag. 46915

x-ray localization (It) 29662

***physiology***

absorp. & metab. of propylene glycol distearate in rat system 13403 13404

absorp. of blood & colostral proteins from gut of young calf, determ. by radioiodine-labelled serum & electrophoresis 44032

absorp. of E. coli endotoxin in exper. hemorrh. shock in dogs 4875

absorp. of sodium salicylate after oral admin. in man, enhancement by admin. with mephenesin 41382

blood ammonia changes in dogs after total hepatectomy & abdom. evisceration 10080

changes on realimentation after fasting in rats 12521

conversion of plant nitrogen to microbial nitrogen in sheep rumen 37593

digesta along sheep alimentary tract, cellulose, pentosans & solids 37591

digesta along sheep alimentary tract, nitrogenous cpds. 37592

digesta along sheep alimentary tract, omasal changes 37590

digesta along sheep alimentary tract, total & non-protein nitrogen content 37589

digesta along sheep alimentary tract, volatile fatty acids & lignin 37588

digestibility of dietary lipids, review 20034

digestibility of protein & fat, eff. of coprophagy in rat 5541

digestion leukocytosis (Ger) 42273

digestion of proteins, review 20035

eff. of explosive decompression, x-ray findings in guinea pigs (It) 19191

intraluminal pressure, recording by radiotelemetering capsule 29461

leukocyte migration, eff. of amobarbital (Rus) 49428

motility, methods of determ. 8484

rate of absorp. of free amino-acid supplement during digestion in dogs 52326

ration digestibility & nitrogen balance of lambs fed semipurified rations, eff. of cellulose & nitrogen levels 5540

regulation of food intake in relation to energy expenditure 519

relation to conditioned recognition of meal time in guinea pigs (It) 37405

site of vitamin B12 absorp. after oral admin. in dogs 40081

substance P, eff. on determ. of serotonin in tissue extracts 5478

***radiography***

barium meal exam., routine incident radiation dos. measurement 37635

high voltage hard ray technic with 150 kV in diag., comparison with 80 kV & 90 kV (Ger) 39392

in newborn, cineradiography 47489

right angle roentgenography 24653

x-ray in vertical position after barium meal, diag. of pneumoperitoneum (Fr) 41385

***surgery***

entero- & gastroentero-anastomosis, suturing technics & healing (Pol) 30691

plastic bilio-digestive surg., use of gallbladder as graft material (Fr) 36668

prev. use of glucosamine-potentiated nystatin-tetracycline prep. in emergency surg. 50756

problems in Norwegian & Swedish hosp. (Rus) 5975

progr. 42822

***wounds and injuries***

caused by abdom. trauma, surg. (Rus) 18214

causing peritonitis, prev. & ther. (Rus) 5943

**GASTROSCOPY**

after gastrectomy for determ. of cond. of gastric stump in animals (Ger) 3384

indic. 51540

***anesthesia and analgesia***

hexylcaine local anesth. 49708

***in various diseases***

benign ulcer, fibrosis hypertrophy & edema of pyloric antrum, simulating carcinoma 37621

diag. value 527

diaphragmatic hernia, diag. value (Fr) 35140

gastro-esophagoscopy in digestive hemorrh., emergency method & results (Fr) 36655

hemorrh. gastritis, value 524

*GAUCHER'S DISEASE see* LIPOIDOSIS

*GEIGER-MUELLER COUNTER see* RADIATION COUNTERS

GELATIN

absorbable gelatin film, evaluation in cyclodialysis clefts in rabbits 23432

absorbable gelatin sponge as hemostatic in surg., review (Ger) 30960

antibodies to gelatin in normal sera of man, dog & rat 17602

comparative amino acid & carbohydrate composition of gelatin deriv. of collagens from various sources 37093

gelatin prep. in tympanoplasty, tissue reactions (It) 42747

mitogenetic analysis of protein substrates, gelatin exper. (Rus) 48013

specimen embedding in gelatin for ultrathin sectioning for electron microscopy 5907

sterile gelatin prep. in local burn ther. (Ger) 42373

*effects*

on assay of purified parathyroid gland extracts 49271

*metabolism*

bact. hydrolysis, rapid detection methods 50334

*GELFOAM see* HEMOSTATICS

GELS

carbopol 934, lyophilization 24598

carbopol 934 sodium salt, evaluation as suspending agent for drugs 50253

elementary theory of fine gels 51418

preserv. with tragacanth gum (It) 3538

*GELS, ALUMINUM see* ANTACIDS

GENERAL ADAPTATION SYNDROME

in cold water shock & syncopo-asphyxial accid. (Fr) 36205

metab. reaction to infect. dis., review 53001

*blood in*

iron, eff. of surg., drugs & lumbar puncture on levels in child. (Fr) 25466

*etiology and pathogenesis*

malform., emotional relief after plastic surg. (Sp) 21799

Selye's theory (It) 20977

*experimental*

alarm reaction, eff. of somatotropin (It) 36816

eff. on lipase activity in rat (It) 9318

protective eff. of lysozyme on alarm reaction in guinea pig, histol. (It) 6813

*in pregnancy*

transm. & eff. of stress on fetus, prev. (Fr) 22459

*GENERAL PARALYSIS see* PARESIS

GENERAL PRACTICE

anesth. in GP 48496

at Nuffield House, Harlow, England 8305

Brit. College of GP 32501

chest x-ray serv. for GP's in Gt. Brit., possible disadvantages 26125

College of GP, progr. 41803

family doctor 17680

GP as med. examiner for life insurance 27524

GP's role in indust. 18766

GP's role in local ment. health program 29322

GP's role in psychiatry 17463

50759

hints for GP (Ger) 4042

hypnother. in GP 41340

in a Brit. indust. area 8303

in a Brit. semi-rural area 8304

in Gt. Brit. 48267

in National Health Program of Gt. Brit. 17709

in So. Africa 21833

interest of GP in various fields of psychiatry & attitude toward psychiatrists, opinion poll 18656

interrelations of GP, employee & indust. med. officer in indust. hyg. 18765

morbidity in Gt. Brit. 26153

need for better understanding of psychiatry by GP 54534

need for understanding of treatment by patients 52785

psychol. med. in GP & its importance 2177

qualities of good GP 50865

relations between GP & specialists since 18th century 51572

relation of GP to clin. pathologist 4145

relation of GP to internist 53054

relation of GP to soc. med. (Fr) 43804

relation to psychiatry 20498

relation to soc. serv. 14306

replacement of GP by health team 22912

review (Ger) 51780

role in pub. health 50654

rural, appeal of small community to physician 50681

rural, new idea 52773

scientific methods in 50889

trends in U.S. 49658

urol. emergencies in GP 29027

urol. pitfalls in GP 41239

private GP in Gt. Brit. 26115

psychother. in GP (Sp) 31870

tasks of GP (Sw) 32856

*education*

51148

in Kansas rural communities, information for postgraduate med. education 50670

phonograph recordings for keeping GP's informed 2170

postgraduate educ. 2175

postgraduate train. for GP in Gt. Brit. 2169

undergraduate & postgraduate educ. & research activities of Brit. College of GP 32506

undergraduate train. in GP 6162

6163

undergraduate train. in Gt. Brit. 2168

*history*

develop. of med. practice & trends 48968

*GENES see* CHROMOSOMES

GENETICS

*see also* CHROMOSOMES

*see also* HEREDITY

*see also* HYBRIDITY

anthropogenetic aspects of biol. paternity (Dut) 49762

applications in psychiatry & neurol. 32486

application of complex-locus in Drosophila melanogaster to interpretation of Rh series 35693

artif. mutagenesis in plant breeding 19600

bact. genetics, review 25117

bibliog. of human genetics 35695

characterization of x-ray induced mutations in Drosophila ambigua (Ger) 34390

competition between genotypes in Drosophila melanogaster 7144

conditional anti-mutagenesis in Drosophila melanogaster 7222

develop. & location of visual pigments in Drosophila mutants (Ger) 34395

dominance & recessivity in med. genetics, review 35718

eff. of parabiosis between different genotypes of Plodia interpunctella & Ephestia kühniella on color of visual pigments in mutants (Ger) 34238

eff. of recessive sepia & white genes on pteridine quantity in eyes of heterozygous genotypes of Drosophila melanogaster (Ger) 34382

eff. of temperature on phenotypic variability in mice 44033

expression of mutations in common-A heterokaryons of Schizophyllum commune 34397

eye pteridines of Drosophila melanogaster, develop., sex specificity & phenogenetic autonomy (Ger) 34381

familial genetic analysis of normal EEG (Ger) 49122

forward-mutation rates in Neurospora crassa, direct method for determ. 19709

fungal genetics, review 25118

genetic analysis of segregants from heterokaryons of Streptomyces coelicolor 28211

genetic & biol. hazards of radiocarbon 44948

genetic & plasmonic basis of pollen sterility in various Streptocarpus mutants (Ger) 34398

genetic & somatic eff. of carbon14 from atomic bomb tests 21716

genetic aspects of Rh factors (It) 53690

genetic basis of organic form 13269

genetic control of morphogenesis of melanotic tumors in wild stocks of Drosophila melanogaster 49326

genetic damage caused by ionizing radiations 6135

genetic damage caused by x-ray 10471

genetic disturbance of cell division giving rise to monster producing strain of Paramecium aurelia (Ger) 34388

genetic eff. of radiations in man (Fr) 31958

genetic eff. of consanguinity, review 13838

genetic factors in radiation eff. on mouse brain 11746

genetic factors of behavior, review 7949

genetic hazards in x-ray diag. 6420

genetic hazards in x-ray diag. of pediatric dis. (Ger) 45262

genetic hazards of diag. x-rays 41858

genetic hazard of ionizing radiations 7194

genetic hazards of ionizing radiations (It) 29709

genetic hazards of ionizing radiations, evaluation & sources (Ger) 14421

genetic hazards of ionizing radiations on man (Fr) 14423

genetic hazards of radiation 20582

genetic hazards of radiations (Sp) 32458

genetic hazards of radiations & isotopes in man (Ger) 14422

genetic homeostasis caused by heterosis in Drosophila melanogaster (Fr) 38643

genetic independence of 4 mutants in Syrian hamster 52405

genetic psychiatry, contribution of Bruno Schulz (Ger) 46711

genetic recombination of bacteriophages, hypothesis of complete cooperation (Ger) 34391

genetic recombination of Vibrio cholerae 5086

genetic transform. by desoxyribonucleic acid, relation to chem. structure (Fr) 9085

genetical interference in maize 27561

genetics of some radiation-induced mutant plastids in fern (Ger) 34392

heterokaryosis & genetic recombination in Streptomyces griseoflavus 37975

heterozygosity, significance for hered. metab. errors in ment. defic. 607

inbreeding with selection & linkage, theoretical statist. analysis 24972

inheritance & expression of disorganiz., unusual mutation in mouse 17270

med. genetics, biochem. factors 44967

mutagenic action of carcinogens 13255

mutagenesis in chloramphenicol-inhibited bact. 50327

mutagenesis in E. coli due to decay of radiophosphorus after incorporation into cells (Ger) 55561

mutant Pearl of Drosophila melanogaster, variability of manifest. (Ger) 34383

mutation in protozoan Paramecium multimicronucleatum as result of x-irradiation 54393

mutations, induced & natural (Fr) 21320

mutation induction in Drosophila by fast electrons (Ger) 9987

1958 Nobel prize for med. 28974

non-genetic sib resemblance in regard to life span in mice, causes 27580

of β-globulin polymorphism in Brit. cattle 7171

prod. of mutations in tobacco mosaic virus by chem. treatment of component nucleic acids in vitro 34400

psychiatric genetics, review 47148

radiation-induced mutations, relation of radiation dos. to mutation frequency 44956

rate of approach to homozygosity, statist. analysis 24968

relation of biochem. in develop. of human phenogenetics (Fr) 16380

relation to prev. med. 22573

somatic mutations in exper. research (Ger) 15432

risks of genetic damage by diag. use of x-rays in hosp. & urol. clinics, gonadal doses received by men, women & child. in Munich (Ger) 32656

self-reprod., study with mechanical models & application to replication of desoxyribonucleic acid 24974

somatic conversions in Lycopersicon esculentum induced by x-rays (Ger) 34399

specificity of interactions of individual gene locus & chem. mutagen structure 34380

spontaneous mutations in man, mechanism (Ger) 34198

spontaneous mutation rate in man (Ger) 34206

temperature-induced reversal of dominance of variegation in ornamental kale 49369

x-ray induced mutations, sex & age differences 41825

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

***GENICULATE GANGLION see*** DIENCEPHALON

**GENITALIA**

***see also*** GONADS

precocious & delayed sexual develop. 3001

reprod. organs in Musca domestica (It) 31724

***abnormalities***

chromosomal sex determ. by cytol. tests 8640

clin. aspects in man 8641

dysraphias, with malform. of limbs & facial dysraphia, case reports (It) 29587

ectopia of genital tubercle, 2d recorded case (Sp) 8692

***diseases***

exper. trichomoniasis in cattle, infect. with trichomonads from swine digestive tract 12724

genito-anorectal synd. in lymphogranuloma venereum (Rus) 36883

moniliasis in men & women (Fr) 19342

non-bact. infect. (Sp) 31877
31878
31879

pleuropneumonia-like organisms assoc. with genital infect. 37719

pruritus, ther., fludrocortisone with crude coal tar & 5,7-dichloro-8-hydroxyquinoline 12500

trichomoniasis in male & female (Fr) 15174

***embryology***

develop. after autoplastic transpl. of intermedial mesoderm in Discoglossus pictus embryo (It) 1985

müllerian ducts, anat. & histol. characteristics in Scyliorhinus canicula during growth & ovulation (Fr) 38752

müllerian duct system, form. of indirect metaplasia, histopathol. (Ger) 46072

**GENITALIA, FEMALE**

***see also*** ADNEXA UTERI

***see also*** UTERUS

***see also*** VAGINA

***see also*** VULVA

clear cell system of Feyrter (Pol) 27604

med. exam. technic 46057

pH values of reproductive tract fluids of rat during heat 49483

***abnormalities***

genital infantilism, aplasia of labia minora & ovarian sclerosis in genetically male women (Fr) 36059

persistent Gartner's duct, diag. by hysterosalpingography 12672

prev. & ther. (Rus) 45107

with urinary tract abnorm. (Ger) 51869

***anatomy and histology***

comparative histol. of apocrine sweat glands of external female genitalia of various mammals (Ger) 20115
20116

constitution characteristics, comparison of Rosner's theory with current theories (Pol) 39639

cyclic morphol. changes in external genitalia of lemurs (Fr) 38740

cytol., terminol. of benign cytol. changes (Fr) 24139

normal & surg. anat. of pelvic connective tissue (Ger) 41710

***blood supply***

arteriography of internal genitalia of cow 50285

***diseases see*** GYNECOLOGICAL DISEASES

***effect of drugs on***

ACTH on histol. & histochem. on female genital tract in rat (It) 39358

deserpidine, in rats (Fr) 38664

female mammary gland extract in intact, castrated & hypophysectomized rats (It) 13507

isoniazid, in guinea pigs & mice (It) 44281

isoniazid, in prolonged admin., in rats 3909

lipoid extracts of diencephalon, in normal & castrated rats, histochem. aspects (It) 9405

phenyl propionate of 19-nortestosterone, exper. study (It) 8463

***embryology***

eff. of early ablation of pronephros on develop. of female genital pavilion in frog (Fr) 48877

***gangrene***

in pregn., ther. & case reports (Por) 35956

***hemorrhage***

hematomas, perigenital, in pregn., clin. statist. 7622

in inf. & child., etiol. & management 38582

puerperal paragenital hematoma (Sp) 32444

***in various diseases***

vitamin E defic. in guinea pigs, histol. & funct. changes 23825

***innervation***

structure of nerve endings in human & rodents (Fr) 36051

***metabolism***

phosphorus incorporation during estrus cycle in rats, radioautographic determ. (It) 13955

phosphorus incorporation in hypophysectomized rats, eff. of pituitary gonadotropins, radiophosphorus determ. (It) 13957

radiophosphorus uptake in rats, eff. of exper. hypothyroidism (It) 1916

***neoplasms***

adjuvant androgen ther. (Ger) 11031

advanced cancer, ther., nitrogen mustard deriv. for pain (Fr) 26245

basocellular epithelioma, cysts & pre-cancerous states caused by gradual thallium pois., in mice (Fr) 38724

causing hypochromic anemia, prev. & ther. with iron-cobalt prep. (It) 6857

control program in Philadelphia, factors contributing to physician delay 46753

cytodiag. by phase-contrast microscopy (Ger) 24149

cytodiag. of adenocarcinoma (Ger) 24139

cytodiag., organiz. & operation of cytol. center (Ger) 24141

cytodiag., technic of collection & prep. of cytol. specimens (Fr) 24129

desoxyribonucleic acid determ. in vaginal smears by histophotometry, diag. value 24147

diag. & ther. 14731
16680

diag. & ther. by radioisotopes 22163

diag. by exfoliative cytol. & other cytol. technics 38564

diag., mass survey of women in rural area (Rus) 33619

diag. value of intraosseous venography 35460

early diag. 28463
38597

early diag. (Sp) 9751

early diag. & ther. in cancer survey program 12422

early diag., methods (Ger) 45271

eff. of pregn. on positive cytol., suggested recording by Positive Cytol. Registry 12388

folliculo-thecoma of uterus & ovary inducing growth of corpus luteum (Fr) 26215

Hodgkin's dis. (Ger) 34589

mesenchymoma 24492
46991

metastases to lungs, statist. (Ger) 34163

palliative hormone ther. in incurable cancer (Ger) 22183

precancerous states (Ger) 10271

radiocobalt telether, (It) 13121
13123

radiocobalt telether., methods & results (Fr) 13132

radiother. (Ger) 10016

radiother. causing bladder ulcer (Ger) 29106

radiother., fine focus appar. (Ger) 39545

radiother., rotation method, in far-advanced cancer (Rus) 33612

radium ther., control of vaginal proliferation & odor by chloramphenicol (It) 52097

radium ther., dos. & technic (Ger) 45266

recur., radical surg. 38601

review (Heb) 49834

surg. & radiother., value & limitations of supplemental hormone, cytostatic drug & tissue extract ther. (Ger) 32658

surg. of voluminous tumors (Fr) 26244

ther. (Ger) 29469

ther., colloidal radio-gold 36022

ther. of advanced cancer, review (Por) 946

ther., pendulum radiother., indic. (Ger) 22185

ther., postop. tissue extract sarvinal (Ger) 3736

ther., radio-cobalt telether. (Fr) 27731

ther., radiogold (Rus) 10821

ther., results (Ger) 23248

urine, spermiation-inducing eff. in hypophysectomized toad (Sp) 21214

with genital tuberc. (Hun) 10574

with intestinal cancer, surg., abdomino-perineal excis. of rectum & panhysterectomy (It) 2001

with kraurosis of vaginal fornix (Ger) 11464

with leukemia (Ger) 11450

with simultaneous genital tuberc. (Ger) 18345

***physiology***

basophil accumulation during ovulation in rabbits 208

eff. of general vibration on funct. in women in textile plants & exper. in rats (Rus) 33330

***radiography***

***see also*** HYSTEROSALPINGOGRAPHY

gynecography, diag. value in female sterility 32733

new method for diag. of expansive lesions (It) 53790

***surgery***

analgesia, (+)-(3,2-diphenyl-3-methyl-4-morpholino-butyryl pyrrolidine (It) 51962

anesth., 5-allyl-5-isobutyl-thiobarbituric acid & cito-eunarcon, intravenous admin. (Fr) 12986

anesth., cito-eunarcon (It) 42573

anesth., endotracheal, with potentiation (Rus) 12166

anesth., hydroxydione succinate, eff. on excretion of urinary pregnanediol 36045

anesth., potentiation by promazine (It) 42489

anesth., pregnane-21-ol-3,20-dione succinate (Ger) 3736

anesth. problems (Ger) 23240

anesth., succinylcholine prolonged drip infusion with phenothiazine potentiation (Ger) 34594

chain suture for hemostasis 46987

circumcision 3659

compl., thromboembolisms, prev. with precop. admin. of hydergine with N, N-diethylleucinoe-p-aminobenzoic acid methanesulfonate (Fr) 30983

eff. of Trendelenburg's position on renal funct. (It) 25709

eff. on electrolytes in blood (It) 9418

endotracheal anesth., choice of tube (Ger) 11441

hist. hosp. statist. (Sp) 8944

in aged (Ger) 33960

local procaine infiltration anesth. (Rus) 46821

new instruments (Sw) 45332

perop. urol. inj. 17488

postop. afibrinogenemia, diag. & management (Sp) 8942

postop. C-reactive protein levels in blood (It) 15020

postop. rehabil. (Ger) 6738

postop. thrombophlebitis, phenylbutazone prev. & ther. (It) 21489

postop. thrombosis of legs, risk & prev. (Fr) 15958

postop. urinary infect., ther., colimycin alone & with penicillin (It) 52030

postop. urogenital disord., management (Ger) 15425

postop. wound ther. with pantothenyl alcohol-sulfisoxazole powder (Ger) 20482

pre- & postop. blood protein levels & eff. of high-protein diets (Hun) 41982

premedication with chlorpromazine, comparison with morphine 23543

preop. & postop. management, review (Ger) 25846

prev. of compl. 45073

prev. of ureteral inj. with ureteral catheters 42824

postop. thrombosis, prev. & ther. (Pol) 27601

repeated, relation to errors of omission & commission 50688

review (Fr) 34368

risks in patients with hemodynamic disord. & prev. of postop. shock, peripheral vasc. dis. & hypotension, review (It) 53680

use of prochlorperazine as antiemetic & tranquilizer (It) 29623

surg. problems created by undiagnosed develop. defects of kidneys & ureters, case report (Pol) 39637

use of antibiotics (It) 38543

total pelvic exenteration with vulvectomy (Por) 44446

with incidental appendectomy, indic. & technics 43311

**GENITALIA, MALE**

***see also*** PENIS

***see also*** PROSTATE

***see also*** SCROTUM

***see also*** SEMINAL VESICLES

***see also*** SPERMATIC CORD

***see also*** TESTES

***abnormalities***

continuous splenic-gonadal fusion with ectromelia 43502

internal, with hypospadias, genesis (Ger) 11313

***diseases***

chronic infect., incidence in patients with uveitis 48255

dermatitis herpetiformis, localized chronic bullous manifest. in 5-year-old boy, case report (Fr) 37870

diag. & surg., review 18713

nonvenereal (Rus) 55210

***effect of drugs on***

deserpidine, histol. eff. on rats (Fr) 26736

norethisterone, 17α-ethyl-4(5)-estren-17β-ol-3-one, & 17α-ethinyl-5(10)-estren-17β-ol-3-one in man 13205

prostatic acid phosphatases, eff. of hyperdos. on male genital appar. & specifically on prostate in rats (It) 14018

***embryology***

bulbourethral gland develop. in ram 50300

***innervation***

gross neuroanat. & neurophysiol. of external genitalia of bull & ram 12741

structural changes of peripheral nerves in pulm. tuberc. (Rus) 31184

***metabolism***

glycerylphosphoryicholine in guinea pigs & rats 53694

## GENIUS

***see also*** **FAMOUS PEOPLE**

childhood of famous geniuses & its psychoanalytic implications 44230

***GENITOURINARY TRACT see*** **UROGENITAL SYSTEM**

## GENTIAN VIOLET

inactivation by bile salts 31360

***injurious effects***

contact dermatitis, case reports 38861

cyanosis & shock (Fr) 41949

gentian violet ink causing caustic erosion of eye (Ger) 15404

local admin. causing cyanosis & cardiovasc. collapse (Fr) 3408

## GENTISATES

β-D-glucopyranosides of gentisates, cleavage by β-D-glucosidase (Ger) 20322

## GEOGRAPHY

geographic aspects of dia. with natural foci of infect. (Rus) 33474

geographic influences on food allergy 28027

med. cartography in Russia (Rus) 21920

relation to etiol. of epilepsy (Fr) 27349

## GEOLOGY

contribution of Nils Steensen (Dan) 1631

***GEOTRICHOSIS see*** **FUNGUS DISEASES**

## GERIATRICS

***see also*** **AGED**

(Sp) 21789

autonomy of med. of aged (It) 6904

contribution of Raymond Pearl 39568

current concepts 16345

dermato-geriatric clinic, indic., organiz. & objectives 3774

genesis of geriatrics (Pol) 53165

geriatric soc. work 50165

in Gt. Brit. 3781

institutions for aged as possible new society of the elderly (It) 6905

Italian Gerontol. Assoc., research on institutions for aged (It) 6906

obligation of society toward elderly patients in institutions (It) 6903

orthopedic aspects (Bul) 28776

progr. in institutions for aged, review (It) 6905

research 4435

research, trends & need for expansion of community programs 3797

review 47156

Rhode Island program in field of aging 3780

***education***

University of Maryland 42024

## GERM CELLS

***see also*** **OVUM**

***see also*** **SPERMATOZOA**

eff. of WvWv substitution on definitive germ cells in mice 5426

hist. in Anura 4993

parabiosis between germ cells & gonads from chick & duck embryos in vitro (Fr) 48854

***GERMICIDES see*** **ANTISEPTICS**

## GIANT CELL TUMORS

***case reports***

bone 858

bone (Fr) 11838

femur, clin. pathol. conf. 30107

fibrosarcoma of spine (It) 36785

4th cervical vertebra (Rus) 45776

knee 50246

malignant, of ulna, of 18 years' duration 16983

maxilla (Rus) 55230

maxillary myelomatous epulis with plasma cell myeloma & malignant pheochromocytoma 7674

rib, diag. by x-ray opacity of thorax (Fr) 28366

tendon sheath (Ger) 55723

tendon sheaths (Rus) 43394

vertebrae & femur (It) 32118

with precancerous lesion of lower lip (Fr) 9073

***etiology and pathogenesis***

leg fract., x-ray diag. after 48 years (Ger) 15859

***in aged***

bones, ther. indic. & case reports (It) 27618

***in infant and child***

histogenesis of pigmented epulis 5680

***metabolism***

histochem. of osteoclastoma & epulis 17895

phosphorus metab. in x-irradiation-induced giant cells in HeLa cell cultures 27410

***pathology***

heel tendon, histol. similarities with knee synovial hypertrophic lesions (Pol) 38462

***surgery***

sacrum, surg. problems & case report (Sp) 37286

upper end of tibia, Juvara operation (Fr) 24244

***GIANT CELLS see*** **MACROPHAGES**

## GIARDIASIS

(Por) 13606

in rats (Pol) 33792

***epidemiology***

in No. Korea (Bul) 32775

***in infant and child***

4321

abdom. manifest. 40098

causing cholecystitis, diag. value of intradermal Lamblia antigen test (Rus) 7913

intestinal, with liver manifest., ther. (Pol) 30396

ther., chlorquinaldol (Por) 4365

with eosinophilia & tuberc., case report (Pol) 30400

with nutrition disord., diag. value of graded duodenal intubation (Fr) 24297

***manifestations***

bronchi & lungs (Fr) 43747

broncho-pulm. manifest. in intestinal giardiasis (Fr) 28363

## GIGANTISM

etiol. & classif. (Ger) 18906

***case reports***

partial (Sp) 53929

partial connatal familial gigantism (Ger) 34213

with generalized musc. hypertrophy in 2 year-old boy (Fr) 25458

## GINGIVA

***see also*** **PERIODONTAL DISEASE**

histochem. in pregn. 40774

position of margin, prediction of changes 7677

***effect of drugs on***

hyperplasia caused by diphenylhydantoin, failure of antihistaminic ther. 7419

***microbiology***

human gingival microflora, inhib. of collagenase in vitro 16872

***neoplasms***

surg. of cancer of lower gingiva & metastases (Por) 8740

## GINGIVITIS

relation to cellular elements of saliva 11541

relation to dent. caries, body constitution, intelligence & place of residence in 15-year-old Royal Naval entries 41427

***etiology and pathogenesis***

histoplasmosis, case report 26427

***therapy***

(Ger) 19039

***GINSENG see*** **CONDIMENTS**

## GLASS

plasma kinin release upon contact of plasma with glass, mechanism & relation to initiation of blood coagulation 28613

radiographic characteristics of glass embedded in tissues 23377

***GLASSES see*** **EYEGLASSES**

## GLAUCOMA

***see also*** **INTRAOCULAR PRESSURE**

acute, differ. diag. from iritis & ther. (Fr) 54624

angle closure glaucoma, darkroom tests on eyes with shallow anterior chamber 23876

angle-closure glaucoma, tonographic diag. & ther. 659

bilateral, in cat 4646

diag. & conservative ther., review (Rus) 22557

diag. & incidence (It) 25966

diag. & management using simultaneous bilateral bulbar compression 47062

diag. & ther. 48173

facility of aqueous outflow in shallow anterior chamber 23879

primary, diag. & ther. (Ger) 10299

reading test (Cz) 38303

review 23443

***blood in***

erythrocyte cholinesterase activity (Cz) 38299

***case reports***

angle closure glaucoma 3532

angle-closure glaucoma in patient with plateau type of iris 23838

Bengal glaucoma in epidemic dropsy 49395

in spherophakia-brachymorphia synd., pathogen. & ther. (Ger) 28872

malignant 48218

with benign lymphadenosis of eyelids, orbit & epibulbar region (Pol) 28846

with congen. corneo-lenticular synechia (Ger) 28874

***complications***

central retinal vein thrombosis in angle closure glaucoma 15736

15745

***diagnosis***

bulbar compression test, Bailliart's method (Ger) 51246

combined methods in early diag. (Rus) 22560

early diag. (Fr) 54625

early diag. of incipient glaucoma (Fr) 48401

review (Ger) 51875

tonographic water drinking test in glaucoma simplex (Ger) 43358

***etiology and pathogenesis***

1-bicyclo-2, 2, 1(hept-5-en-2-yl)-1-pheny1-3-piperidino-propanol & trihexyphenidyl ther. of paralysis agitans, failure to demonstrate develop. of post-ther. glaucoma 3331

free lens substance in eye, diag. & ther. 11699

loss of tonicity of ciliary musc. & sphincter of pupil (It) 13836

pseudoglaucoma (Fr) 7668

pulm. hypertension, case report (Fr) 14516

radiother. in cancer of nose, case report 14118

relation to blood content & thickness of choroid (Ger) 28859

relation to corneoscleral trabeculitis 49387

secondary, due to occlusion of central artery of retina (Ger) 28889

secondary, due to thrombosis of central vein of retina (Ger) 28890

weather cond. as releasing factor (Ger) 19043

***in infant and child***

congen., ther. (Fr) 38784

congen. glaucoma (Fr) 14512

etiopathogen. (Rus) 22559

with lipochondrodystrophy & craniostenosis, case report (Fr) 54117

***manifestations***

red band of iridocorneal angle, eff. of miotics & pilocarpine (Fr) 14515

vitiligo (Cz) 14833

***pathology***

chamber angle in developmental glaucoma, relation to arachnodactyly & high myopia 7002

primary, angle of anterior chamber 660
trabecular meshwork 53538
trabecular meshwork, in open-angle glaucoma 10410

***physiology***
eff. of hypnosis on intraocular pressure 8428
eff. of sleep on intraocular pressure in latent glaucoma (Pol) 28848
eff. of tolazoline on aqueous humor drainage, tonography (Ger) 46841
mechanisms in chronic angle-closure glaucoma 35785
NS (Rus) 33510
pupillary reaction (Rus) 33511
scleral rigidity, water drinking test (Ger) 20125

***prevention and control***
(Rus) 33516
angle-closure glaucoma 12455
in Arizona, mass screening tests at State Fair, methods & results 47849
multiple screening technics 662

***statistics***
in Denmark (Ger) 23877

***surgery***
cyclodiathermy, perforating (Cz) 38302
cyclodiathermy, retrociliary (Cz) 38301
diathermocoagulation (Rus) 22552
evaluation of absorbable gelatin film in cyclodialysis clefts in rabbits 23432
histol. & mechanism of filtering operations 47019
iridectomy, peripheral, with scleral cautery 46468
iridencleisis, postop. astigmatism, causes & prev. (It) 13937
iridencleisis with sclerectomy, Lagrange-Holt-Filatov method (Rus) 45711
late infect. after fistulizing operations (Fr) 36146
new technic in primary glaucoma 47020
postop. compl., symposium 47075
postop. hemorrh. into crystalline lens 48214
postop. reactive changes (Bul) 28774
premedication with acetazolamide (Rus) 22547
retraction of scleral wd. edges as fistulizing procedure 55016
technic, insertion of thin hair-bundle into scleral opening in congen. glaucoma (Ger) 28880
technic with beta radiation in Negro 47024
trepanation, Elliot method (Ger) 28909

***therapy***
acetazolamide (Ger) 28892
acetazolamide (Rus) 33512
anticholinesterase alkyl phosphinic acid-ether prep. (Rus) 32563
chlorothiazide, dichlorphenamide & 2-hydroxyethyl-p-sulfamoyl-carbanilate, comparison with acetazolamide as carbonic anhydrase inhibitors 47065
decamethylene-bis-a, ω-(m-dimethylaminophenyl N-methylcarbamate methobromide) (Fr) 14517
decamethylene-bis-α,ω-(m-dimethylaminophenyl)-N-methylcarbamate methobromide causing almost lethal vagus shock during glaucoma ther. (Ger) 28885
3,4-dichloro-5-sulfamoyl-phenylsulfonamide 90
dispensary serv. (Rus) 45216
epinephrine & phenylephrine, ther. failure 11701
N-ethyl-N-γ-picolyl-tropic acid amide & homatropine, comparison (Ger) 7666
general methods (Ger) 45965
hyaluronidase & pilocarpine (It) 37444
local conservative methods (Ger) 45964
modern concepts 50868
vitamin P, results (Rus) 33362

**GLIOBLASTOMA MULTIFORME**
classif. by differentiation of mature astrocytomas (It) 39856

***case reports***
5523
voluminous spongioblastoma erupting through cranial opening, with metastases to liver (Fr) 13016

**GLIOMA**
***see also*** **ASTROCYTOMA**
***see also*** **GLIOBLASTOMA MULTIFORME**
***see also*** **NEURILEMMOMA**
***see also*** **NEUROEPITHELIOMA**
***see also*** **OLIGODENDROMA**
brain-stem, manifest. & case reports (Por) 43200
brain-stem, manifest., incidence & results of radiother. & surg. (Fr) 261
glioblastoma classif. according to Kernohan, clin. value (Ger) 45981

***case reports***
brain stem, infiltrating, anat. & clin. aspects (It) 19256
brain, with spindle-cell sarcoma & pulm. metastasis 11765
glioblastoma of brain with fibrosarcoma & extracranial metastases 14739
glioblastoma of optic nerve (Ser) 45909
meninges, with colloid carcinoma of cecum, clin. pathol. conf. 19838
occipital lobe, 18 years after total excis. of astrocytoma at same site (Fr) 19777
optic tracts 55054

***in infant and child***
brain, extracranial metastases, case reports 514
calcified, of brain (Ger) 30062
nasal, in newborn 17903
posterior fossa, clin. aspects 36642
tongue, congen. in inf., histopathol. (Rus) 41642

***manifestations***
corpus callosum glioma with hemispheric propagation & parieto-occipital symptoms (Fr) 9133
fear synd. caused by glioma of gyrus cinguli, case report (It) 37659
handedness & brainedness in temporal gliomas, statist. 24085

***metabolism***
brain, histochem. (Rus) 22666
protein composition of cerebral glioma (It) 1953

***surgery***
optic nerve 24537
Torkildsen's operation in glioma of chiasma, results (Fr) 32006

***therapy***
boron$^{10}$ in ther. of intracranial gliomas in mice (Fr) 7388
brain, radiocobalt & telether. (Fr) 19768

***GLOBUS PALLIDUS*** ***see*** **BASAL GANGLIA**

**GLOBULIN**
***see also*** **SERUM GLOBULIN**
antiglobulin in blood of tubere. patients (Fr) 53987
arachin, chem. & phys. properties of arachin denatured by urea & guanidinium chloride 1382
glycinin, submolecular structure in reversible assoc. (Rus) 1726
β2-lactoglobulin from cow's milk, electrophoretic heterogeneity 1637
β-lactoglobulin of cow's milk, allergenicity 7866

**GLOMANGIOMA**
diag. & surg. 49867
diag. & ther. (Ger) 3954

***case reports***
(Fr) 44879
(Rus) 51186
fingers (Rus) 51186
left great toe (Rus) 18271
parapharyngeal glomangioma of hypoglossal & vagus nerves (Fr) 32370
skin (It) 37164
tongue, nasal pyramid & glomus jugulare (Fr) 44679

***pathology***
cutaneous autonomic receptors (Ger) 46658

***surgery***
middle ear (Ger) 36446

**GLOMERULONEPHRITIS**
***see also*** **NEPHROTIC SYNDROME**
acute, bacteriol. aspects & review 39722
diffuse (Sp) 3348
pathogen. & progn. of acute glomerulonephritis in adults 43322

***case reports***
after Griffith type 1 Streptoc. infect. of resp. tract, familial outbreak 18378
with acute vasculitis of kidney, brain, spleen & periadrenal tissue, clin. pathol. conf. 30136
with tuberc., cholangiohepatitis, myocardial interstitial sclerosis & cardiac arrest, clin. pathol. conf. (Sp) 43935

***blood in***
hyperlipemia in early stages of acute glomerulonephritis 50465

***complications***
calcium & phosphorus metab. disord. & bone lesions, relation to parathyroid glands (Fr) 9653
nephrotic synd., chloroquine diphosphate ther. (Sp) 31176
subacute glomerulonephritis during subacute bact. endocarditis (It) 6884
uremia, peritoneal dialysis (Bul) 28703

***diagnosis***
biopsy of kidney (It) 3875
dextran clearance test of glomerular permeability (It) 25652

***differential diagnosis***
nephrosclerosis, clin. & laboratory differentiation 24431
subclinical diabetes mellitus 33060

***epidemiology***
in Bulgaria, outbreak of acute epidemic form (Bul) 32815

***etiology and pathogenesis***
acute, diffuse, relation to allergy (Ger) 24317
disseminated lupus erythematosus (Fr) 54442
Asian influenza (It) 1995
carbutamide ther. of diabetes mellitus, case reports (Ger) 6659
focal infect., ther. (Fr) 9071
hemorrh. glomerulonephritis caused by polyvalent dysenterial vaccine (Bul) 32749

***experimental***
eff. on peripheral blood circ. in rabbits (Ger) 47907
induction methods (Hun) 20172
induction with streptoc. toxin & heterologous serum, pathogen. in rabbits (It) 13967
induction with streptoc. toxin, eff. of cold in rabbits (It) 13968
Masugi's nephritis (Cz) 38226
mechanism of induction by avian antikidney serum in rabbit 35704
prod. by specific anti-kidney duck serum in rabbits, histol. & histochem. 699

***immunology***
autoantibodies 40904

***in infant and child***
compl., pleural effusions, x-ray aspects (It) 24965
with glycosuria, chromatography (Sp) 47835

***metabolism***
polyvinylpyrrolidone in blood & urine (Ger) 6683

***pathology***
evolution of chronic cases (It) 19232
focal develop. (Fr) 15208
histopathol. of glomerulae (It) 6935
histopathol. of glomerulae in glomerulonephrosis & glomerulosclerosis with nephrotic synd. (It) 6936
in subacute cases 47081
redocalization in diffuse glomerulonephritis, causes of failure (Ger) 39012

***physiology***
blood potassium & ECG, correlation (It) 29702

***urine in***
proteinuria, correlation with kidney biopsy 47083

***GLOMUS CAROTICUM*** ***see*** **CAROTID BODY**

***GLOMUS TUMOR*** ***see*** **GLOMANGIOMA**

**GLOSSITIS**
***in infant and child***
with alopecia areata & onychodystrophia (Ger) 27110
with disseminated candidiasis, ther., nystatin (Sp) 342

**GLOVES, SURGICAL**
dusting powders, replacement of talc by starch powder (Rus) 7716
method for testing integrity of rubber gloves before & during surg. without impairing sterility 28985

**GLUCAGON**
biochem. & physiol., review 55393
destruction by human blood plasma in vitro 50451
insulin content, determ. by mammary-slice bioassay method 17341

***determination***
electrophoretic analysis (It) 3590

***effects***

glycogenolytic, failure of blood glucose levels to reflect hepatic glycogenolysis after admin. in rats — 20783

induction of hyperglycemia, eff. of antidiabetics, determ. by glucagon tolerance test (Ger) — 1593

loading test on blood sugar in healthy & in diabetic child. (Ger) — 16381

on arterial wall lesions in exper. atheromatous degen. in chickens (It) — 48127

on blood cholesterol levels in chickens, admin. alone & with elastase (It) — 48123

on cholesterol in blood, total & esterified fractions (It) — 1873

on ether-soluble fats in liver of chickens (It) — 48124

on glucose uptake in rat diaphragm — 40801

on glycogen levels in liver & musc. of rabbits (It) — 37381

on glycogen synthesis in rats, influence of purity & route of admin. of glucagon — 3425

on histol. of islands of Langerhans in chickens (It) — 48125

on kidney funct., urinary excretion of phosphate, bicarbonate & ammonia ions & titratable acidity in man (Ger) — 39897

on musc. glycogen in rabbits (It) — 1871

on pancreas elastase content in chickens (It) — 48126

on succinic dehydrogenase content of left ventric. myocardium in rats (It) — 14016

on rat pancreas, electron microscopy — 49173

prolonged admin. on blood glucose & on pancreas morphol. in rabbits — 3420

***in blood***

determ. in rabbit plasma, technic — 6747

glucagon-like material in man & dog — 16910

***physiology***

— 17459

***therapeutic use***

diabetes mellitus, comparison with oral antidiabetics (Sw) — 54813

termination of insulin coma in shock ther. — 15575

***GLUCIDES*** *see* GLYCOSIDES

GLUCONATES

***effects***

cobalt gluconate on exper. cyanide pois. in dogs (Fr) — 3103

***metabolism***

degradation into carbon dioxide by Acetobacter suboxydans in vitro — 40479

D-galacturonate catabolism with 5-keto-L-galactonate intermediate in Erwinia carotovora — 13779

5-ketogluconate, catabolism (Dut) — 43075

GLUCOSAMINE

relation to elastin (It) — 1961

***effects***

enhancement of blood levels of tetracycline — 31349

glucosamine & acetylglucosamine, on calcium metab. in rat, radiocalcium determ. (Ger) — 35585

on carbohydrate metab. in rat liver slices — 4741

***in blood***

in arteriosclerosis & thromboangitis obliterans (Pol) — 30819

protein-bound, eff. of aging & sex (Ger) — 46069

***metabolism***

femur of rats — 16979

heart & liver embryonic tissue culture (It) — 37349

hexosamine content of liver & other parenchymatous organs, eff. of somatotropin & cortisone acetate in rats (It) — 47821

hexosamine content of skin, eff. of cortisone & estradiol — 33992

in early sea urchin develop. — 39284

metaphyseal cartilage (It) — 13993

synthesis in tissue homogenates of adult & newborn animals (It) — 13963

***related compounds***

N-acetylglucosamine eff. on carbohydrate metab. in rat liver slices — 4741

N-acetylglucosaminoisoniazid, exper. & clin. evaluation (Ger) — 52199

***therapeutic use***

potentiation of tetracycline-nystatin prep. for prev. of infect. in emergency abdom. & gastrointestinal surg. — 50756

GLUCOSE

***see also*** BLOOD SUGAR

biol., pharmacol. & ther., properties, comparison with fructose (It) — 21434

in tears, diag. value in diabetes mellitus — 37606

reaction mechanism with 5-hydroxytetralone — 14920

relation to lipid metab. — 49178

***antagonists***

2-desoxyglucose, eff. of admin. on mice, rabbits & rats — 31320

6-desoxy-6-fluoroglucose inhib. of glucose & fructose oxidation in rat kidney slices — 4743

2-desoxyglucose, eff. on metab. of cat cerebral cortex slices in vitro — 50924

2-desoxy-D-glucose, inhib. of influenza virus multiplication — 52461

***determination***

α- & β-glucopyranose separation by high voltage paper electrophoresis (Ger) — 27901

in cadavers, glucose-test strap for distribution determ. (Ger) — 12063

in urine & blood filtrates, enzymic spot test — 38556

titration of ferrocyanide produced by reduction of alkaline ferricyanide solution with zinc sulfate in microdeterm. (Dut) — 7963

***effects***

additon to human semen on fructolysis & motility of spermatozoa — 16840

arrhythmic & anti-arrhythmic eff. after inject. into coronary arteries of normal & infarcted hearts — 2917

dextrose-citrated solution on leukocytes in stored blood of dogs — 9777

glucose loading on glucose & hexosephosphate levels & extracellular space in musc. of normal & diabetic mice (Ger) — 49905

hypertonic glucose solution in secondary hyperthermia in rabbits induced by urinary pyrogen, application to ther. of post-transfusional & post-infusional hyperthermia (It) — 39320

hypertonic glucose solution injected into amniotic sac, induction of ther. abortion — 35272

intravenous infusions, on renal excretion of water & electrolytes (It) — 3867

loading, on colloidal osmotic pressure & blood proteins (Ger) — 24844

on action of 3,3-dimethyl-1-phenyltriazene on exper. sarcoma in mice — 31300

on alkaline phosphomonoesterase in renal tissue in rats (It) — 37153

on bacteriophage synthesis in Salmonella typhimurium — 52350

on blood alcohol — 12604

on blood ATP in diabetes mellitus after oral admin. — 22359

on blood insulin levels in normal subjects & in diabetics (Fr) — 13438

on blood magnesium, with insulin (Fr) — 26820

on blood sugar & pyruvic acid in normal & pathol. pregn. (It) — 9400

on blood sugar curves of normal & macrosomatic newborn inf., (It) — 13101

on clotting time & appearance of lipids in blood of dogs after feeding of peanut oil — 15007

on dent. caries incidence in rats fed on human foods, parenteral admin. — 17212

on develop. of cerebral cortical inhib. in dogs (Cz) — 21568

on disappearance of arabinose & xylose from blood of normal dogs — 24042

on dynamic cycle of normal human heart — 26509

on ketone prod. in man — 4870

on liver glucosyl oligosaccharide & glycogen — 7126

on metab. in healthy persons (Ger) — 27180

on polio. virus prod. in HeLa cell cultures — 22606

on propagation of Miyagawanella in mouse fibroblasts — 17246

on protracted insulin coma in rats (Cz) — 2758

on purine incorporation of formate in Ehrlich ascites tumor cells — 28267

on purine synthesis in Ehrlich ascites tumor cells in vitro — 34844

on radiophosphorus uptake by islands of Langerhans in rats — 23788

on resp. quotient, relation of logarithm RQ to time (Ger) — 27198

on synaptic transm. in cervical sympathetic ganglia of rats (Ger) — 27844

on thiopental anesth. depth & duration (Cz) — 38235

on tuberculin reaction in tissue culture — 12805

oral loading on urinary amino acid excretion in healthy persons & liver dis. (Ger) — 46796

straight-growth inhibitors in glucose from plants — 19596

toxic eff. on virulent cultures of Pasteurella pestis — 16875

***in urine***

***see also*** GLYCOSURIA

determ. by different methods & comparison of results — 3359

determ. by simple enzymatic tests in diabetes detection — 3358

determ. by two-drop modification for Clinitest — 12322

determ., clinitest tablet ingestion causing esophageal stenosis — 34996

determ., rapid method not requiring flame & solutions (Cz) — 26523

enzymatic determ. (It) — 37291

***metabolism***

absorp. rate of intestine, in dogs, eff. of carbutamide (It) — 36802, 36803

alterations in liver slices from rats on high & on low-glucose diets — 40473

aqueous humor, eff. of insulin & sulfonylureas (Ger) — 22766

aqueous humor, radioelectrophoretic patterns after intravenous inject. of radiotodine labelled insulin in normal, diabetic & hyperglycemic normal rabbits — 24561

brain, uptake & oxidation in perfused cat brain — 5494

breast of pregn. & lactating rats, eff. of insulin & phenazine methosulfate — 52414

breast, pathways, review — 53473

carbon dioxide conversion to starch glucose by spinach during photosynthesis — 19704

catabolism by pentose phosphate pathway — 64

catabolism in fetal & adult pig hearts in vitro — 40478

catabolism in tumor tissue, relation to pyruvaldehyde form. — 48576

comparative metab. of labeled fructose & glucose in rats (Ger) — 49882

condensation with acetoacetate & role in synthesis of vitamin C in mung beans — 31486

consumption by excised sympath. ganglia at rest & during activity — 5469

degradation into carbon dioxide by Acetobacter suboxydans in vitro — 40479

diaphragm & skeletal musc. uptake in diabetic & control rats — 40531

distribution between plasma water & musc. water — 40563

distribution in cow udder after inject. of labeled glucose, radiocarbon determ. in measurement of phosphotriose-isomerase activity — 40475

distribution in hexose phosphates after admin. of labeled glucose & eff. of recycling in pentose cycle, radiocarbon determ. — 40478

eff. of carbutamide on liberation by liver & uptake by body periphery in rats (Ger) — 35888

eff. of cortisone with aseptic inflamm., in rats (Fr) — 26727

eff. of epinephrine inject. into rabbits — 731

eff. of insulin, review (Fr) — 9016

fermentation by Propionibacterium freudenreichii, eff. of casein hydrolysates & amino acids — 28214

fixation of carbon dioxide during oxidation of glucose by Saccharomyces cerevisiae & carlsbergensis (Sp) — 6978

hexose monophosphate shunt in glucose catabolism in ascites tumor cells — 26463

in burns, conversion to lactic acid in rat — 23341

in newborn calves delivered after prolonged gestation — 12739

in normal pregn., labor & puerperium (It) — 13114

in vitro after in vivo admin. of estrogens — 39190

incorporation into cerebrosides in rat brain, age factors — 28239

incorporation into fatty acids of liver & role in lipogenesis in mice (Fr) — 39919

intestinal absorp. & blood levels, eff. of tolbutamide in rats — 20791

intestinal malabsorp. caused by histamine pois. in rat, enzyme mediation (Fr) — 13460

intestinal transfer in vitro, eff. of phlorhizine — 51089

labeled glucose in determ. of amino acid requirements of blowfly — 29842

liver, eff. of insulin & sulfonylureas in dogs — 15633

liver glycogen content after parenteral glucose admin. in x-irradiated rats (Rus) — 33634

liver prod. in hyperglycemia — 29866

lymphoid tissue, eff. of desoxycorticosterone on oxidation by cell-free prep. of rat tissue — 1397

mammary gland, catabolic pathways in mammary gland slices from lactating animals — 37094

metabolizable & productive energy for growing chick, determ. — 7568

musc., eff. of acetylsalicylic acid on uptake by isolated rat diaphragm, review — 17812

musc., eff. of anaerobiosis, insulin & metab. poisons on accumulation in isolated rat diaphragm 25875

musc., eff. of anaerobiosis, insulin & metab. poisons on glucose uptake & potassium release in isolated rat diaphragm 25874

musc., eff. of blood fractions from schizophrenics on uptake by isolated rat diaphragm 27015

musc., eff. of glucagon on uptake by isolated rat diaphragm 40801

musc., eff. of protein fractions from human blood on uptake by isolated rat diaphragm 40800

musc., eff. of serotonin-creatinine sulfate on uptake by rat diaphragm 23340

musc., eff. of thymus extract & thyroxin (Fr) 5766

musc., enhancement of uptake in isolated rat diaphragm & diaphragm extracts by proteins 26235

oxidation in extracts of Bacillus cereus spores, mechanism 50332

oxidation in mycelia & spores of wheat smut fungus Tilletia caries 4721

peripheral uptake, eff. of insulin, tolbutamide & 1-phenylethylbiguanide 27246

permeability of amnion & glucose level of amniotic fluid (It) 24961

phosphorylation by Ruminococcus flavefaciens 28219

postop., comparison with fructose 11885

preferential utilization of cellobiose over glucose in Cellvibrio gilvus 40443, 40444

radiocarbon labeled, eff. of portal infusion of insulin on incorporation into liver & musc. glycogen in rats (Ger) 49289

renal transport in dogs, inhib. by phlorhizin 12541

renal tubular reabsorp. during pregn. 44890

role of renal parenchyma in regulation studied by eff. of exper. biliary stasis on blood sugar curves (It) 24937

small intestinal absorp. in partially gastrectomized dogs (Rus) 37170

spinal cord, eff. of insulin in isolated rat spinal cord 18466

sympathetic ganglia, glucose & oxygen uptake & lactic acid output in rat ganglia at reduced temperature & varied pH 41210

transport across the intestinal wall in vitro, inhibitors & reactivators (Ger) 29919

transport across the intestinal wall in vitro, relation to accumulation of lactic acid on serosal side (Ger) 29917

transport across the intestinal wall in vitro, relation to phosphate transport (Ger) 29918

uptake by influenza virus B infected de-embryonated egg cells 40838

uptake in rats & men, eff. of exercise 4673

uptake of radiocarbon from labeled glucose & ribose by deoxyribose & ribose in various animal tissues 47717

utilization by several established strains of mammalian cells in large agitated fluid-suspension cultures 5425

utilization, eff. of somatotropin in fasted rats 15617

utilization in rat epididymal fatty tissue & rat diaphragm, eff. of 6-deoxy-6-fluoroglucose 44130

utilization in scorbutic guinea pigs 12534

***related compounds***

6-O-acetyl-D-glucopyranose identification in Bacillus megatherium cultures & synthesis 25877

6-O-acetyl-D-glucopyranose metab. in Bacillus megatherium & other soil micro-organisms 25878

2-deoxy-D-glucose, metab. & pharmacol. eff. after admin. to cancer patients 5433

2-deoxyglucose, penetration & phosphorylation in rat diaphragm 40564

eff. on metab. of human leukemic cells in vitro 5432

***therapeutic use***

acute renal failure, caval infusion of solutions of high concentration 41882

adjuvant in resuscitation in military surg., with insulin & potassium (Fr) 24756

congestive heart failure, with cardiac glycosides (Rus) 18311

eye use, glucose ointment (Ger) 51352

in postop. cond., assimilation of large quantities (Pol) 20444

internal dis., comparison with fructose (Ger) 19029

severe trauma, intravenous admin. of procaine in glucose solution (Rus) 45868

thromboangiitis obliterans, with magnesium sulfate & insulin, intra-arterial admin. & eff. on ECG (Rus) 33208

***GLUCOSE OXIDASE see*** **DEHYDROGENASES**

**GLUCOSE TOLERANCE TEST**

combined determ. of glucose tolerance & insulin responsiveness in normal & in diabetic subjects 5260

cortisone-augmented, in diag. of prediabetes 54506

eff. of electric shock ther. 16299

disappearance from blood 45 minutes after intravenous admin., technic & advantages (It) 36722

in newborn animals (Hun) 41608

of blood insulin activity & pancreas funct. (Fr) 36050

***effect of drugs on***

ACTH & adrenal cortex hormones, relation to prediabetic state 3351

alloxan, eff. of repeated small doses in rabbits 15584

casein on intravenous & oral tests in inf. & child. (It) 20213

estradiol dipropionate, in females (It) 53683

fats, animal & vegetable dietary, in rats 35804

somatotropin in pregn. rats 24809

tolbutamide in partially pancreatectomized rats, long term admin. with ACTH (Ger) 1602

***in various diseases***

alcoholism, chronic 35170

Himsworth insulin-glucose test in selection of diabetics for sulfonylurea ther. (Pol) 43643

melancholia, relation to body weight & clin. state of dis. 50836

Staub- Traugott test with ACTH admin. in diag. of diabetes mellitus (Por) 50078

symptomless glycosuria 4892

synd. of obesity, paradontosis & atrophy of peripancreatic subcutaneous tissue in persons over 40 (Pol) 8061A

uremia in nondiabetic patients & hyperazotemia in dogs 3355

***GLUCOSIDASES see*** **CARBOHYDRASES**

***GLUCOSIDES see*** **GLYCOSIDES**

**GLUCURONATES**

chem. reaction of glucuronic acid or its sodium salt with isonlazid, structure of condensation product 14925

***effects***

neomycin & streptomycin glucuronates exper., antibact. & ototoxic eff. 46484

sodium glucuronate stimulation of mitosis in Yoshida sarcoma cells 27408

***in urine***

glucuronic acid & glucuronides in rheum. dis., review 36108

glucuronic acid, eff. of 2,3-diacetyl-o-pyrocatechuric acid (Fr) 47359

in liver dis., eff. of oral salicylamide on glucuronic acid excretion 48319

***metabolism***

Aerobacter aerogenes 42956

aminophenol glucuronide form. in blood & liver of newborn after acetanilid admin. (Ger) 54378

bact. adaptive enzyme system for degradation of glucuronic acid & its lactone (Ger) 27916

liver, enzymic conjugation of bilirubin with glucuronic acid in animal & human livers 37077

uridine diphosphate glucuronic acid biosynthesis by pyrophosphorylases in mung bean seedlings 47707

***therapeutic use***

glucuronic acid in bilirubinemia 33054

glucuronic acid in icteric newborn inf. 43518

hyperazotemia, glucuronic acid with magnesium & sodium thiosulfate (It) 26635

***GLUCURONIC ACID see*** **GLUCURONATES**

**GLUCURONIDASES**

β-glucuronidase activity of human semen (It) 37521

β-glucuronidase activity of uterus, eff. of inhib. by local potassium hydrogen saccharate application on estradiol-induced changes in rat uterus 35145

β-glucuronidase activity of uterus, inhib. by local potassium hydrogen saccharate application in rat 35144

B-glucuronidase hydrolysis of Δ5-androstene-3β-ol-17-one phosphate (Ger) 25896

β-glucuronidase in blood, urine & tissue in normal & pathol. cond., colorimetry 49715

β-glucuronidase on skin surface (Ger) 41738

hepatic β-glucuronidase, eff. of x-irradiation in guinea pigs (It) 1503

***effects***

β-glucuronidase on hydrolysis of adrenal cortex hormones in cat urine 37081

***in blood***

β-glucuronidase in liver dis., diag. value 49716

β-glucuronidase in newborn (It) 44278

**GLUTAMATES**

separation of amino acids in mother liquor of glutamic acid HCl, technic (Fr) 8316

sodium γ-poly-glutamate, metachromasia 27407

***effects***

cobalt glutamate on exper. cyanide pois. in dogs (Fr) 3103

electrolyte metab. in congestive heart failure 31793

γ-glutamylhydrazine, antitumor activity in mice 45383

monosodium-L-glutamate on learning discrimination in rats 3482

on phosphorus incorporation into nucleotides & phosphocreatine in brain slices 24036

stimulation of Aerobacter aerogenes growth & reversal of growth inhib. by aminopterin due to L-glutamic acid action 25879

***in cerebrospinal fluid***

glutamic acid in CNS disord. (Cz) 2786

***in urine***

N-formiminoglutamic acid, reduction of excretion in rat by dietary methionine 38264

***metabolism***

brain, determ. of content & distribution in rats 50922

glutamic acid in yeasts, eff. of potassium (Ger) 11275

γ-hydroxyglutamic semialdehyde, enzymic form. hydroxyproline & isolation 13829

in schizophrenia, role in arteriovenous defic. in various organs 27011

Nicotiana rustica, glutamate as precursor for pyrrolidine ring of nicotine 16920

oxidation of glutamic acid by intact mycelium of Streptomyces griseus 40430

plants, biosynthesis, review 35561

pyroglutamic acid form., catalysis by carbon dioxide 7133

***therapeutic use***

glutamic acid in hepatic coma (Dan) 25829

glutamic acid prep. tonoglutal in ment. disord. in child (Fr) 53308

***GLUTAMIC ACID see*** **GLUTAMATES**

***GLUTAMINASE see*** **AMIDASES**

**GLUTAMINE**

***effects***

absence from culture medium on growth of mouse fibroblast cultures 5443

on acetylcholine metab. in cerebral cortex tissue from epilepsy-predisposed dogs (It) 1902

on polio. virus prod. in HeLa cell cultures 22606

on propagation of Miyagawanella in mouse fibroblasts 17240

***in blood***

high-voltage electrophoresis determ. 47488

***metabolism***

brain, determ. of content & distribution in rats 50922

brain, eff. of bact. toxins (Rus) 33566

brain, eff. of barbiturates (Rus) 33565

brain, eff. of carotid ligation (Rus) 1755

brain, eff. of temporary cardiac exclusion from circ. in hypothermia (Rus) 33569

brain, increased content after electroshock in rats 5490

non-requirement by tissue cultures of chick embryo heart fibroblasts 4178

plants, enzymic transform., review 35561

requirements for amination of uridine nucleotides to cytidine nucleotides by soluble mammalian enzymes 13818

review (Pol) 53207

***related compounds***

N1-phenylacetylglutamine from normal & cancerous patients 3452

**GLUTARATES**

***in urine***

excessive α-ketoglutarate excretion as metab. abnorm. (Cz) 48584

***GLUTARIC ACID see*** **GLUTARATES**

## GLUTATHIONE

in bile, determ. in man & animals (Fr) 26907

oxidation with selenite catalyst, mechanisms of reaction 28275

reduction of insulin, enhancement of reduction by enzyme systems from rat liver extracts 40544

***effects***

on blood alkaline reserve of rabbits & on exper. pyruvate pois., comparison with α-lipoic acid (Fr) 38647

on liver lipids (Rus) 48011

***in blood***

direct relationship of content to autonomic NS tonus (Ger) 11185

eff. of various drugs (Ger) 55474

erythrocytes of newborn inf., in-vitro abnorm. of metab., mechanism & clin. significance 43509

in cancer (Ger) 32959

in hormonal regulations (Ger) 11167

in normal pregn. & in pre-eclamptic toxemia, determ. 40102

in sheep, relation to weight & body size 3926

in umbilical cord & in newborn, comparison (It) 37505

in women during labor, in cord blood & in newborn inf. 4876

instability in erythrocytes of Jews from various countries 13872

metab. disord. in erythrocytes in hemolytic anemia caused by naphthalene pois. 7868

***metabolism***

brain, determ. of content & distribution in rats 50922

crystalline lens of rabbit in vitro, eff. of cationic & anionic dyes 47041

eff. of alloxan in rat (Fr) 5764

eff. of alloxan in rat following ingestion of phenanthrene (Fr) 5765

eff. of cortisone on synthesis of hepatic glutathione in adrenalectomized protein-deficient rats (Fr) 48864

eff. of exercise in rats (Ger) 30498

eff. of vitamin E defic. on liver, skeletal musc. & erythrocyte levels in rabbit 28262

liver, decrease caused by mechlorethamine-N-oxide, in rats, protective eff. of sulfhydryl cpds. of nucleic acids & deriv. 48934

liver synthesis, eff. of adrenalectomy in rats (Fr) 3078

reduced glutathione in retinal homogenates, eff. of light 47067

thymus, eff. of adrenal cortex & sex hormones on content in rats (Ger) 29923

***related compounds***

ophthalmic acid, norophthalmic acid & glutathione, eff. on feeding reaction of hydra 19527

palmityl glutathione, synthesis & properties 1672

***GLUTEAL REGION*** *see* BUTTOCKS

***GLUTETHIMIDE*** *see* HYPNOTICS AND SEDATIVES

***GLYCERIDES*** *see* FATS

## GLYCERIN

preserv. of blood platelets at low temperature 1236

***effects***

on bone marrow cells preserved at low temperatures 50711

on prod. of penicillin G by washed cells of Penicillium chrysogenum 15668

prod. of cerebral hemorrh. in mice 51035

repeated inject. causing subcutaneous fat necrosis, hemolysis & renal tubular atrophy in rats 17891

***metabolism***

Aerobacter aerogenes, differ. degradation of C1-radiocarbon labeled D- & L-isomers 25408

distribution in cow udder after inject. of labeled glucose, radiocarbon determ. in measurement of phosphotrioseisomerase activity 40475

eff. of continuous admin. on blood level & urinary excretion in rabbits (Ger) 55464

in synthesis of lactose & other milk constituents after inject. into cows 40474

Zygosaccharomyces prod., eff. of various factors 1310

***related compounds***

1-(p-nitrophenyl)glycerin inhib. of colonization in bact. culture (Ger) 23166

1-(p-nitrophenyl)glycerin in prev. of swarming in Proteus culture (Ger) 15394

## GLYCEROPHOSPHATES

***effects***

calcium glycerophosphate solutions on erythrocyte count (Bul) 32814

***in blood***

2,3-diphosphoglyceric acid selective degradation in erythrocytes without disturbance of glycolysis (Ger) 24011

***metabolism***

1,3-diphosphoglyceric acid in form. of phosphocreatinine by enzyme system from rat skeletal musc. 37068

glyceric acid phosphate form. in Thiobacillus thiooxidans through carbon dioxide fixation 1384

***GLYCERYL-GUAIACOLATE*** *see* MUSCLE RELAXANTS

## GLYCINE

radiocarbon-labeled, determ. of mode of absorp. of nitrogen by bone marrow (It) 37476

x-ray induced hydrolysis of aqueous solutions of glycine 8528

***determination***

α-, β-, & γ-glycine, crystallography (Ger) 46158

in duck erythrocytes 1342

***effects***

on blood amino acid level in normals & in liver dis. patients, influence of α-lipoic acid admin. (It) 36721

on glycogen synthesis in liver & musc. in adrenalectomized rats under stress 35805

on growth of mammalian cell cultures 40555

on protoplast form. by E. coli, eff. of sucrose (Fr) 3125

on protoplast form. of E. coli, comparison with penicillin- & lysozyme-induced protoplast, review (Fr) 32290

***metabolism***

Bombyx mori utilization of formate for biosynthesis of glycine carbon-1 & -2 42970

Bombyx mori utilization of glycine carboxyl group for synthesis of amino acids of silk 42969

conversion to 5-aminolevulinic acid by particles from chick erythrocytes as initial stage in biosynthesis of porphyrins 13702

eff. of ω-bromoallylglycine on glycine incorporation into proteins of explanted chick embryos 4970

enzymic carboxyl activation by Photobacterium fischeri extracts, purification & properties of enzyme 13804

incorporation by leukocytes, inhib. by normal human serum 20786

incorporation into globin in rabbit bone marrow prep. 16917

incorporation into proteins & nucleic acids in normal & malignant lymphocytes, eff. of steroids & metab. inhibitors 28260

incorporation into proteins of rat kidney & liver in vitro, eff. of testosterone & 4β-chlorotestosterone (It) 32591

incorporation of glycine-1-C 14, glycine-2-C14 & glycine-N15 into uric acid in normal & gouty subjects 35717

kidneys & liver, deamination in birds (Rus) 37130

liver, dependence of uptake by proteins on ribonucleic acid biosynthesis in regenerating rat liver slices 13777

liver, eff. of nicotinamide on incorporation into adenine & protein in mouse liver 40555A

turnover of labeled glycine in exper. benzene pois. in rats (It) 27461

***related compounds***

dihydroxyaluminum glycinate-mephenesin-salicylamide prep. causing thrombopenic purpura during arthritis ther. 37701

glycine betaine detection in king crab (Ger) 49903

glycocyamine & phosphoglycocyamine metab. in creatine & phosphocreatine synthesis by liver & musc. homogenates (It) 37359

N-(β-indolyl-3-acryloyl)glycine isolation from urine & synthesis (Ger) 27899

N-(2-thioethyl)-glycine, pharmacol. & radiation protection properties (Ger) 49367

## GLYCOGEN

constitution, reduced products of periodate oxidation 47711

molecular structure of glycogens 46791

***determination***

histochem. reaction with acidified basic fuchsin solution as reagent (Rus) 25766

in normal & in diseased human skeletal musc., technic 23569

in pancreas, localization by combined periodic acid-Schiff trichrome stain 23470

***in cerebrospinal fluid***

variations in CSF & choroid plexus in cats, age factor (Rus) 33562

***metabolism***

adrenal cortex, depletion by ACTH (Fr) 26709

binding to phosphorylase, study by ultracentrifugal separation method 40472

brain, diurnal changes in rats 49333

brain, eff. of cold in lizards (Cz) 48622

brain, eff. of spreading depression on content in rats 5495

content in isolated rat diaphragm, eff. of 9α-fluoroprednisolone (It) 36557

content of vulva epidermis in epidermoid carcinoma & leukoplakia, histochem. 48994

eff. of exper. limb ischemia in rats 37569

eff. of portal infusion of insulin on incorporation of radiocarbon labeled glucose into glycogen in rats (Ger) 49289

eff. of 1,2-propandiol in tadpoles (Ger) 33977

eff. of repeated medication sleep (Rus) 7791

form. from 2-deuteriolactate in rat liver, location of deuterium & demonstration of coupling of oxidation of substrates to reductive biosynthesis 28237

form. in uterus, eff. of estrogen & corpus luteum hormone in rabbits (Ger) 3939

glycogenolysis in liver, eff. of hypothermia in rat (Fr) 5769

glycogenolysis, review (Pol) 30885

heart, prep. of functioning frog's heart devoid of ventric. glycogen 20787

hepatocytes, eff. of cortisone & x-irradiation in rats 20720

histochem. behavior in normal ossification & calcification 16976

in epithelial tumors 41008

infiltration of pancreas in exper. diabetes mellitus in dogs & rabbits (Ger) 34020

in vulvar epitheliomas (It) 43388

increase in myocardial content after exper. gastric dilat. in rabbits, influence of adrenal cortex (It) 44328

interconversion with starch proposed mechanism postulating debranching enzymes 3436

isolated rat liver 12535

kidneys & liver, changes in phase of early reaction to x-irradiation in guinea pigs (It) 6813

kidneys, eff. of thyroxin on content in rats (Cz) 20514

liver & musc. levels, eff. of glucagon admin. in rabbits (It) 37381

liver & musc. synthesis in adrenalectomized rats under stress, eff. of glycine & hydrocortisone 35805

liver content after parenteral admin. of glucose in x-irradiated rats (Rus) 33634

liver, eff. of anesth. & surg. 12884

liver, eff. of antidiabetics on glycogenolysis in rats (Hun) 52895

liver, eff. of chlortetracycline (Rus) 36398

liver, eff. of dehydrocholic acid (Rus) 49434

liver, eff. of salicylates on form. from acetate in rat liver 40558

liver, eff. of section of common bile duct & liver (It) 36965

liver, eff. of thyroxin with & without lipotropic drugs in exper. fatty liver in rats on steatogenous diet (It) 37320

liver, extraction in peculiar form from rats (Fr) 3036

liver fixation, eff. of polonium in animals (Rus) 51772

liver glycogenesis, eff. of hypoglycemic arylsulfonamides (Fr) 38605

liver, in dystrophic inf. (Por) 40230

liver, in fatty degen. & protein dystrophy in rabbits (Rus) 25743

liver in normal & pathol. cond., histochem. & micro-chem. study (Sp) 44510

liver levels in ketosis 7164

liver, mechanism of appearance in livers of salamander larvae (Fr) 36509

liver of tumor-bearing rats, quantitative changes 49670

liver phosphorolysis, eff. of estradiol, progesterone & testosterone in rat (Fr) 28882

liver, relation to glucosyl oligosaccharides in liver, eff. of starvation, glucose feeding & insulin 7126

liver, reversible disord. of phosphorolysis induced by asphyxia in frogs (Fr) 48860

liver, stimulation of form. in rats by glycols (Ger) 29924

liver synthesis, eff. of exper. uremia in rats (It) 9930

liver synthesis in rats, eff. of purity & route of admin. of injected glucagon 3425

muscle, biosynthetic pathway in rat diaphragm involving coenzyme II & uridine phosphates 37125

muscle, eff. of glucagon in rabbits (It) 1871

muscle, phosphorolysis, eff. of anoxia & asphyxia in frogs (Fr) 26681

muscle, relation to body fat in inbred strain of mice 35813

myocardial content in fish, eff. of anoxia (Fr) 3094

myocardial content in normal & in hypertrophied rat hearts 31427

myocardial levels in ethionine-treated rats (It) 1915

phosphorolysis in liver, eff. of adrenal cortex hormones in rat (Fr) 5770

phosphorolysis in striated muscle of fish (Fr) 3095

phosphorolysis of muscle, glycogen, eff. of exper. histamine pois. in rats (Fr) 26868

skin carcinoma (Ger) 30027

synthesis by liver in fetal rabbits & rats, role of pituitary, adrenals & placenta (Fr) 46817

synthesis in interscapular gland of insulin-treated rats, denervation causing inhib. of insulin action (Fr) 26897

tissue levels in monkeys with exper. Plasmodium knowlesi infect. 25070

Trichocephalus vulpis (Rus) 51739

tumor tissue in cancer of mouth (Ger) 34170

uterus & placenta, histochem. determ. at various periods of pregn. in rats (Rus) 13887

**GLYCOGENOSIS**

***blood in***

blood sugar, eff. of tolbutamide & determ. of site of action (Fr) 21283

***case reports***

in E. Indian child 40099

rare form of glycogenosis-like dis. with liver disord., clin. pathol. conf. 36699

with eruption of cutaneous xanthomata (Fr) 2401

***complications***

xanthomas (Fr) 41939

***diagnosis***

muscle, glycogen determ. (It) 37347

***in infant and child***

determ. of phosphorylated intermediates in peripheral blood 28595

with endocardial fibroelastosis, pathol. & case report 5678

***pathology***

basophilic substances in skeletal muscle, histochem. (Ger) 33539

neuromuscle. form, histopathol. (Ger) 33523

**GLYCOLS**

cyclic glycol phosphate, transesterification reactions with 2-amino alcohols 49361

***determination***

combined histochem. technic for substances containing 1,2-glycol groups & for acid mucopolysaccharides (It) 37440

***effects***

2-amino-3-(hydroxymethyl)-, 3-propanediol on blood arterenol & epinephrine levels during exper. hypercapnia in dogs (Fr) 48846

2-methyl-pentan-2,4-diol with chloral hydrate (Dan) 22440

1,3-propanediol additon to tobacco for improvement of storage (Ger) 13654

1,3-propanediol on glycogen metab. in tadpoles (Ger) 33977

propylene glycol induction of hemoglobinuria in sheep 48224

sodium thioglycolate on metab. of purple sulfur bact. 2556

stimulation of glycogen form. in rat liver (Ger) 29924

***metabolism***

2,3-butanediol form. by Serratia marcescens 47652

2,3 butanediol form. in Serratia marescens cultures, eff. of milk, phosphate & calcium carbonate 4348

polyethylene glycol excretion by dairy cows after admin. with feed 3079

propylene glycol distearate absorp. & metab. in rat gastrointestinal system 13403

propylene glycol distearate hydrolysis & absorp. in rat gastrointestinal system 13404

***poisoning***

ethylene glycol, chem. & pathol. aspects (Ger) 27124

ethylene glycol pois., sympt. & ther. 45801

***preparation of***

glycolaldehyde phosphate, new method 47698

***therapeutic use***

propylene glycol with testosterone propionate & progesterone, in stress incontinence in women, admin., vesical instillation (It) 21487

***toxicity***

3-fluoro-propane-1,2-diol, metab. mechanism of tox. 13721

2-methyl-pentan-2,4-diol in rats & mice, chronic oral admin. 23991

*GLYCOLYSIS see* **CARBOHYDRATES, *metabolism***

*GLYCOPROTEINS see* **PROTEINS**

*GLYCOSIDASES see* **CARBOHYDRASES**

**GLYCOSIDES**

*see also* **ANTHOCYANINS**

*see also* **CARDIAC GLYCOSIDES**

*see also* **INDICAN**

*see also* **PHLORHIZIN**

*see also* **SAPONINS**

*see also* **TANNIN**

acetylated glucoside of phenylbutazone, synthesis & properties (Ger) 3476

β-galactosides intracellularly accumulated by β-galactoside-permease in E. coli, phys. state 13759

β-D-glucopyranosides of m-hydroxybenzoates & gentisates, cleavage by β-D-glucosidase (Ger) 20322

glycosyl ureides, synthesis & properties, review 35547

in Chinese rhubarb (Dut) 43588

methyl & phenyl glycosides of common sugars, prep. methods 46789

***effects***

asiatic acid glycoside, on cicatrization of exper. corneal wds., comparison with corneal extract (Fr) 48872

asiatic acid glycoside, on plant germination & growth (Fr) 48873

goitrogenic action of glycosides isolated from edible nuts in rats 28577

potassium atractylate inhib. of Krebs cycle 7131

***in urine***

17-ketosteroidglucuronides, determ. by combined electrophoretic & chromatographic methods (Ger) 27903

***metabolism***

biosynthesis of plant glycosides from uridine diphosphate glucose 29867

enteric bact., value in identification & differentiation 25155

glucuronide form., eff. of menadiol tetrasodium diphosphate in rat liver slices (Ger) 21621

glucuronide synthesis by gastric mucous membrane, eff. of x-irradiation of rats 317

insufficient glucuronide form., pathogen. relation to fetal erythroblastosis 13428

3-ketoglycoside prod. by Corynebacterium alcaligenes as intermediates in catabolism of disaccharides 47974

phenolic glycosides by broad bean Vicia faba 19517

salicyl glucuronides, biosynthesis by various tissue slices 40570

***therapeutic use***

aerosol prep. of English ivy glycosides with ethereal oils in resp. tract dis. (Ger) 19005

asiatic acid glycosides & rhamnosides from Centella madagascariensis in leg ulcers (Fr) 53394

*GLYCOSIDES, CARDIAC see* **CARDIAC GLYCOSIDES**

**GLYCOSURIA**

(Ser) 51722

as cause of falsely high 17-hydroxycorticosteroid values 27252

etiol. & physiopathol. mechanisms, review (Fr) 54596

***blood in***

galactose & glucose tolerance tests in symptomless glycosuria 4892

***case reports***

in siblings (Ca) 38337

with adrenocortical hyperactivity & hyperthyroidism 6129

***diagnosis***

comparison of enzymatic tests with other methods (Sw) 43183

rapid test methods (Sw) 32977

***etiology and pathogenesis***

pheochromocytoma 8488

***experimental***

eff. of dimercaprol on pigment secretion from histiocytes of connective tissue in mice 7654

***in aged***

without severe diabetes (Dan) 33385

***in infant and child***

in glomerulonephritis, chromatography (Sp) 47835

***in pregnancy***

etiol. diag. & hormonal aspects (Ger) 49816

***metabolism***

histidine, renal tubular reabsorp. (Ger) 27179

***therapy***

vitamin B2, eff. on protein sensitivity (Ger) 6872

*GLYCURONIDASES see* **GLUCURONIDASES**

*GLYCYRRHIZA see* **LICORICE**

**GOATS**

blood carbon dioxide, electrolytes, hemoglobin, oxygen & pH in pregn. goats & their fetuses 12571

Capra ibex ibex, host of ciliate Entodinium ibicis (Ger) 34315

eff. of post partum separation of mother & kid on maternal care in domestic goat 32344

isolation of Rickettsia prowazekii from blood of Ethiopian goats, cold preserv. (Fr) 14430

***diseases***

adrenal cortical adenomas in normal & castrated males & in females 12740

keratoconjunctivitis 16767

protozoan Globidium gilruthi infect. in digestive tract in Egypt 30363

Q fever, epidemiol. in Arizona 4650

**GOITER**

classif. & diag. (Ger) 39008

diag. & ther., review 29256

edemicity of Volhynian form (Rus) 41507

endemic 37724

endemic, differential standards, review (Rus) 31165

endemic, review 15755

intrathoracic, posterior (It) 25534

retrotracheal, retro-esophageal & retropharyngeal, incidence (Ger) 45969

***blood in***

lactic & pyruvic acids in simple goiter & goitrous hyperthyroidism, precp. & postop. determ. (It) 30987

***case reports***

aberrant (Ser) 21937

in sporadic cretinism remission after massive thyroid ther. 11901

retrosternal vasc., unusual case (Rus) 53465

strumitis of radix linguae (Rus) 10781

with hyperplasia of thymus (It) 39663

with malignant degen. (Sp) 37280

***complications***

carcinoma in nodular goiter, incidence 47283

concomitant dis. in various forms of goiter, surg. (Rus) 41505

heart dis. 17595

intrathoracic, causing bronchial obstruct. with pulm. fibrosis & cystic bronchiectasis 34883

metastatic struma colloides causing cerebral & spinal lesions (Ger) 23800

tracheal deviation, diag. value of Valsalva & Mueller tests (Ger) 15866

***diagnosis***

x-ray in goiter of cervical & adjacent thoracic area (Ger) 55401

***differential diagnosis***

(Fr) 9120

cancer of thyroid (Ger) 45942

***epidemiology***

42131

endemic, in Brazil (Por) 13611

endemic, in India. 50817

endemicity in Bulgaria (Bul) 45280

endemicity in Russia in iodine-defic. cond. (Rus) 53461

endemicity in Russia, relation to soil & water chem. (Rus) 53463

endemicity in Russia, relation to water iodine & chem. factors in indust. areas (Rus) 53462

epidemiol. in Russia & surg. statist. (Rus) 53464

familial, in Cuba (Sp) 13539

in Chile, survey of students (Sp) 53965

in Fr. Equatorial Africa (Fr) 42039

in Italy (It) 1114

in Japan, review 10519

in military personnel (It) 19195

19196

in Pyrenees region of France (Fr) 26969

in school children of No. Oxfordshire, England 48303

*etiology and pathogenesis*

cobalt (Ger) 42368

correlation of goiter, deafmutism & ment. retardation with blood thyroid hormone levels in noncretinous inhabitants of severe endemic goiter area in India 50433

enzymic defect in intrathyroidal synthesis of thyroxin, review 35707

goitrogenic eff. of Brazilian food (Por) 16124

goitrogenic eff. of PAS (Fr) 36073

goitrogenic eff. of vegetables & other foods, possible role of their thiocyanate contents (Ger) 27905

27906

goitrogens in milk, comparison of milk from cows fed kale & hay fodder 17232

incidence in relation to dietary content of vitamin A 28569

stress 18762

*experimental*

anti-goitrogenic activity of various thyroxin analogues in rats 49247

as inhibitor of induction of eosinopenia by tripelennamine in rat (Sp) 44595

eff. of thyroxin & triiodothyronine on perchlorate-induced goiter in rat (Ger) 35124

goitrogenic action of glycosides isolated from edible nuts in rats 28577

induction by propylthiouracil in rats, relation to blood protein-bound iodine levels 49257

propylthiouracil-induced in guinea pigs, eff. of hypothalamic lesions 49248

propylthiouracil-induced in rats, eff. of prednisolone (It) 44845

*in infant and child*

classif. & ther. 28608

congen. with abnormal levels of protein-bound iodine in blood (Fr) 36072

newborn, caused by thyroid antagonist ther. of maternal hyperthyroidism (Ger) 38986

*metabolism*

creatinic substances in simple & hyperfunctioning goiter (It) 21426

iodine in endemic goiter among Finnish Åland Islanders 4847

iodine in sporadic goiter (Fr) 29216

*pathology*

heterotopic ossifications in excised goiters (It) 20992

microfollicular hyperplastic goiter, histopathol. 46497

*physiology*

clin. & diag. evaluation of thyroid funct. & localization testing with radioiodine for treatment of tongue root goiter (Ger) 3947

liver funct. in patients with normal & hyperfunctioning goiter (It) 53780

metabolic rate, thyroid size & funct. & blood lipids in nontoxic goiter, eff. of thyroxin, triiodothyroacetic acid & triiodothyronine 15058

*surgery*

anat. factors & technics 40969

intracapsular subtotal resection (Jtus) 41508

posterior mediastinal goiter (Por) 8742

postop. mortal., causes (Ger) 45977

results (Rus) 51179

strumectomy, cosmetic aspects (Fr) 41504

strumectomy, postop. complete bilateral paralysis of vocal cords (Ger) 27741

strumectomy, preop. & postop. sedation with N-n-octylatropine bromide - phenobarbital prep. (Ger) 23193

technic (Rus) 41506

thoracic goiter (It) 29564

total median sternotomy in intrathoracic goiters, technic & case reports (Ger) 54939

*therapy*

(Bul) 32773

p-hydroxypropiophenone & thyroxin (It) 26633

iodine ther. & prev. 49646

*urine in*

adrenal cortex hormone excretion, determ. before & after thyroid surg. (It) 27355

*GOITER, EXOPHTHALMIC see* HYPERTHYROIDISM

GOLD

*determination*

in tissues subsequent to gold ther., standard staining & tissue chrysophorestic technic (Sp) 29344

*effects*

aurothioglucose on exper. tuberc. comparison with dihydrostreptomycin & isoniazid (Ger) 23003

*injurious effects*

neurol. & psychiatric compl. from gold ther., treatment with dimercaprol (Fr) 54108

*radioactive*

clin. application 24443

colloidal, clearance rates in normal subjects & in pathol. cond. (Fr) 21282

colloidal gold aerosols, eff. on pulm. alveolar tissue in mice, electron microscopy (Fr) 9500

colloidal gold labeling in vitro of human blood platelets & leukocytes (Fr) 26748

colloidal, in cancer, intravenous & intracavitary admin., results 51615

colloidal, in radiography & scintigraphy of liver (It) 19241

colloidal, in ther. of gyn. cancer 36022

colloidal radiogold 198 tissue distribution in mice after intraperitoneal inject., comparison with colloidal yttrium 90 32707

colloidal suspension, endoperitoneal admin. in cancer of ovary, eff. on blood proteins (It) 53684

colloidal ther. of cancer of cervix (Por) 23734

determ. in biol. material, neuron activation analysis 50015

distribution after intrapleural inject. in guinea pig, comparison with colloidal chromic radiophosphate 47365

distribution of radiogold-carbon suspensions in lung after admin. by transvenous cardiac catheterization in exper. study of lung cancer in dogs (Ger) 32659

eff. on Ehrlich carcinoma alone & with nitrogen mustard in mice 14742

eff. on gamma globulin levels (Fr) 53989

failure to demonstrate protective eff. of isologous or homologous bone marrow cells in mice (Fr) 53988

hepatic clearance of colloidal radiogold in rabbits (Fr) 54010

in determ. of hepatic blood flow, technic 49707

in scintigraphic diag. of cancer of liver (It) 19243

inactivation of pituitary gland, technic (It) 49585

irradiation of pituitary gland by pellet implant in ther. of endocrine dis. (Fr) 32397

liver funct. tests, with sulfobromophthalein clearance test (Ger) 29794

massive inject., eff. on antibody reactions to kidney homotranspl. in dogs 47562

pituitary destruction (Ger) 33699

stability of colloidal radiogold solutions, determ. (Cs) 14874

ther. of cancer, eff. on blood picture & hemopoiesis (Ger) 32675

ther. of cancer of breast & ovaries (Ger) 39013

ther. of cancer of female genitalia (Rus) 10821

ther. of cancer of middle ear (Rus) 55251

ther. of cancer of pelvis 30935

ther. of cancer of prostate, new method for handling 5930

ther. of chronic leukemia, comparison with conventional roentgenother., intravenous admin. 35466

ther. of facial pain after placement in brain by cerebral stereotaxis (Sp) 44408

ther. of inoperable cancer of prostate, technic & statist. 33100

ther. of pituitary gland tumors, percutaneous admin. (Ger) 29065

*therapeutic use*

gold-bismuth-aminopyrine suppositories in adnexitis (Ger) 51832

gold salts in rheum. arthritis, results (Ger) 29468

gold sodium thiosulfate in arthritis & chronic ulcerative colitis, with phenylbutazone 19914

rheum. arthritis 35203

rheum. arthritis (Fr) 53313

rheum. arthritis, comparison with cortisone (Fr) 35225

rheum. arthritis, eff. on agglutinating factor in blood (Fr) 44781

rheum. arthritis, intramusc. inject. 9761

*GOLGI APPARATUS see* CELLS

GONADOTROPINS

assay based on increase of chick testis uptake of radiophosphate 46586

in amniotic fluid at various periods of pregn. (Rus) 12136

*antagonists*

periodates 15594

*effects*

homologous gonadotropins on early develop. of right rudimentary ovary in left ovariectomized fowl 15593

induction of superfetation in mouse 17227

on histiocytic activity of ovum (It) 1967

ovarian & uterine response of rats on protein-free diet to exogenous gonadotropins 31298

pregnant mare's serum on mouse ovary 17226

*in urine*

determ., comparative assay methods 35121

differences between duplicate assays 19699

excess in infantilism, pathogen. role (It) 20810

in cancer of breast (Ger) 11418

in precocious puberty in girls 1402

*injurious effects*

acute abdom. & cystic degen. of ovaries with perf. & hemoperitoneum (It) 53773

total cystic degen. of ovaries during ther. of amenorrhea, differ. diag. in acute abdom. synd., case reports (Fr) 14331

*physiology*

intrasplenic combined ovarian-uterine implantation as measure of gonadotropic activity in castrate rats (Ger) 35131

local & systemic requirement for luteinization of intraocular ovarian transpl. in rabbit 22067

*preparation of*

pregn. mare serum gonadotropin, purification technic (Fr) 13808

*therapeutic use*

amenorrhea (Fr) 18181

causing pelvic sympt. stimulating ectopic pregn. (Ger) 15973

ovarian insuff., eff. on reticulocyte count (Ger) 49287

Stein-Leventhal synd., morphol. changes in ovaries (Ger) 44088

GONADOTROPINS, CHORIONIC

content in hydatiform moles 38108

in amniotic fluid in pregn. & labor (It) 24955

inactivation by cleavage of O-sialic acid, influenza viruses & receptor-destroying enzyme (Ger) 28951

prod., eff. in vitro of pituitary extract of pregn. women (Ger) 25197

*determination*

bioassay by simultaneous response of ovary & uterus of intact immature rat, comparison with pituitary gonadotropins 17022

bioassay on male frogs (Rus) 41619

human chorionic gonadotropin assay by superovulation in immature rat 38194

in Bufo arenarum, quantitative determ. (Sp) 8993

in cold-prepared placenta extract (Ger) 21618

*effects*

androgenic pattern in response of blood lipids & lipoproteins in male hypogonadism 17029

eff. of discontinuance after prolonged treatment on testes in rats (Ger) 3433

exper. induction of maldevelop. of fetuses by admin. to mice before conception 20112

human chorionic gonadotropins on testicular & adrenal funct. in man 40668

5 human chorionic gonadotropin prep. on mouse ovary 17228

human gonadotropin on testes of hypophysectomized tortoises (Fr) 48063

induction of ovarian hyperfunct. in rat (Ger) 34580

on citric acid metab. of perfused human placentas 17060

on gonad funct. in Klinefelter synd., failure to demonstrate gonadal response (Sp) 8694

on normal & chronic ischemic testes in rat 10053

on ovaries of hypothyroid rats, eff. of adrenalectomy, hypophysectomy & androgens 12053

on spermatogenesis in toads (Fr) 3113

3114

on testicular develop., ther. & diag. value (Sp) 8885

on urinary 17-ketosteroids, chromatographically separated fractions & phenolic steroids in normal, castrated & aged men & eunuchs (Fr) 8033




Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

virilization of female guinea pig by chorionic gonadotropins, eff. of adrenalectomy & hypophysectomy (Fr) 36066

*in blood*

in pregn., diurnal levels 35120

*in urine*

determ. for pregnancy test, electrophoresis 7268

in dysgerminoma of testes, determ., diag. & progn. value (Fr) 14384

in normal & pathol. pregn., gravimetric determ. & diag. value 53829

in pregn. (Sp) 44386

methods of concentration for Galli-Mainini test (It) 9410

*injurious effects*

exaggerated ovarian reaction to chorionic & pituitary gonadotropins, fatal case (Sp) 35967

*physiology*

eff. of gravidic anterior pituitary extracts from autopsy material on prod. in placenta in vitro (Rus) 28786

excess in pregn. with excess histamine in blood & degen. of placenta causing herpes gestationis (It) 42572

qualitative & quantitative secretion at 1st stages of fertilization, relation to sensitivity & precocity of positive pregn. test (Fr) 9630

site of prod., histochem. demonstration (Ger) 46585

*therapeutic use*

female sterility (Fr) 3709

female sterility caused by luteal insuff. (Fr) 3708

hirsutism in puberty, eff. on urinary 17-ketosteroids (Fr) 15183

menorrhagia in adolescents (Ger) 23233

ovarian insuff., hazards of antihormonal eff. (Ger) 41757

## GONADOTROPINS, PITUITARY

ICSH & FSH in normal & castrated male & female rats, eff. of low testosterone dos. 46596

isolation of highly active human gonadotropin 25434

*antagonists*

Lithospermum (Ger) 41737

*determination*

bioassay by simultaneous response of ovary & uterus of intact immature rat, comparison with chorionic gonadotropins 17022

FSH, zone electrophoresis on starch of various prep. from sheep pituitary 1387

ICSH bioassay on male frogs (Hun) 41619

ICSH content in pituitaries of immature & adult rats 35104

LH assay by superovulation in immature rat 39194

LH fractions, separation from sheep pituitary by ion exchange resins 39209

*effects*

biol. comparison of human pituitary gonadotropin with sheep follicle stimulating hormone 17039

follicle-stimulating & lutenizing hormones, on spermiation, in Bufo arenarum (Fr) 26723

follicle-stimulating hormone on estrogen & gonadotropin excretion in postmenopausal & ovariectomized women 16561

follicle stimulating hormone, on pathogen. of breast cancer (Ger) 55456

FSH & ICSH fractions on guinea pig ovary (Fr) 26936

FSH & ICSH on spermatism in toad (Sp) 8991

FSH & ICSH on vitamin B6 defic. in rat 39208

FSH on β-estradiol biosynthesis from acetate & testosterone in dog ovary slices 28247

FSH on hypo- & hyperthyroid immature female mice 55426

FSH on ovarian funct. in amenorrhea 40667

LH on testicular uptake of radiophosphorus in rat (It) 49598

on ovarian cocarboxylase & coenzyme A (It) 37345

on ovaries, variations of sensitivity during estrus cycle (Fr) 26877

on ovary of immature rats, correlation of eff. with type & mode of admin. & theory of superovulation phenomenon (Fr) 36048

on radiophosphorus incorporation into adrenals of hypophysectomized rats (It) 37439

on radiophosphorus incorporation in female genitalia of hypophysectomized rats (It) 13957

*in urine*

concentration test for determ., review (Ger) 33962

during menstrual cycle 40802

eff. of estrogens in women with amenorrhea (It) 44280

eff. of insertion of yttrium 90 into sella turcica in ther. of neoplasms (It) 42546

eff. of presence of prolactin on urinary gonadotropin assays 40804

excretion in relation to menstrual cycle & in patients with secondary amenorrhea & after admin. of diethylstilbestrol 50518

follicle-stimulating & interstitial cell stimulating hormones, excretion by women with dis. of reproductive system 17036

follicle-stimulating & interstitial cell stimulating hormones, excretion during normal menstrual cycle 17037

FSH & ICSH in precocious puberty (Sp) 8689

FSH & ICSH in puberty of various types in young girls 40793

in breast cancer 51132

in juvenile diabetes mellitus (It) 49594

in normal women (Sp) 53952

proposal for internat. standard based on collaborative assays of 2 urinary prep. 17027

quantitative determ. in men & in non-pregn. women, method 50521

*injurious effects*

exaggerated ovarian reaction to chorionic & pituitary gonadotropins, fatal case (Sp) 35967

*metabolism*

interstitial cell-stimulating hormone content of pituitary in male & female rats, eff. of testosterone inject. 13447

*physiology*

eff. of agnus castus extract in guinea pigs (Ger) 39535

eff. of protein defic. in rat (Fr) 38762

FSH & ICSH, secretion (Fr) 3396

FSH secretion by anterior pituitary, eff. of pineal body (Fr) 38679

ICSH in pituitary of male rats, eff. of castration & estrogen treatment 304

ICSH release from pituitary independent of ACTH release in rats 3417

*preparation of*

collaborative assays of 2 standards for human pituitary gonadotropins 40676

follicle-stimulating hormone from human pituitary glands, purification 20660

## GONADS

*see also* EUNUCHOIDISM

*see also* OVARIES

*see also* TESTES

of frog larvae, maintenance on synthetic media 20740

*abnormalities*

agenesis, with other anomalies (Ger) 19413

dysgenesis (Dut) 37035

dysgenesis (Ger) 33530

dysgenesis in cases of pseudo-pseudohypoparathyroidism 51324

dysgenesis, relation to sex differentiation (Fr) 29219

dysgenesis with adrenogenous manifest., case report (Fr) 25444

dysgenesis with enlarged clitoris in chromosomal males 207

*effect of drugs on*

estradiol feminization of toad gonads & develop. of intersexuality in frog gonads following admin. in larval life (Fr) 15075

hormones on growth of rudimentary gonad of fowl 12932

sodium arsenic in mice, review (Ger) 34032

vitamin A (Ger) 29403

vitamins & other nutritional factors on gonadal funct., review 55287

*effect of radiations on*

dos. in radiother. of skin dis., measurement & reduction 46385

gonad x-ray dose in ther. of benign dis. (Ger) 15873

gonadal protection in x-ray diag. of congen. hip disloc. (Ger) 34300

protection in x-ray diag. of pediatric dis. 48423

protection with armadillo-type clothing during x-irradiation 18410

radiation scatter doses in diag. radiol. studied with water phantom 37622

x-ray dosimetry with ionization chamber during diag. x-ray 8026

x-rays, dos. determ. in diag. radiography (Cz) 48652

*embryology*

cultivation & differentiation of very young chick embryo gonads (Fr) 26878

cultures of embryonic mammalian gonads, develop. aspects 21703

develop. of chick embryo gonads grafted into host embryo after culture in vitro (Fr) 26917

lipid genesis & distribution in male chick embryo gonads (Fr) 26916

parabiosis between gonads & germ cells from chick & duck embryos in vitro (Fr) 48854

*physiology*

artif. induction of funct. sex-reversal in genotypic females of killifish Oryzias latipes 5069

eff. of excis. & hyperfunct. on sebaceous glands in animals (Rus) 45834

maturation, determinants in cat 10055

post-embryonal inversion in birds, review (Rus) 55177

*transplantation*

culture in various media of chick gonads before implantation (Rus) 48045

*GONGYLONEMA see* SPIRUROIDEA

*GONOCOCCUS see* NEISSERIA GONORRHOEAE

## GONORRHEA

*see also* OPHTHALMIA NEONATORUM

*complications*

(Rus) 55204

adnexitis, chronic (Pol) 39767

bullitis (Fr) 51395

gonococcal epididymitis causing germinal epithelial changes of testes with subsequent sterility (Sp) 7581

meningitis, review & case report 10973

postgonorrheal urethritis (Rus) 45178

*epidemiology*

in Finland (Sw) 52707

*therapy*

10414

chlortetracycline & chloramphenicol (Rus) 45222

failures in ethnic minorities, statist. 363'

hosp. statist. 40249

penicillin, bacteriostatic phenomenon (Pol) 31507

penicillin, failure in males 14105

penicillin G & phenoxymethyl penicillin, comparisons (Ger) 27114

penicillin, long-acting tablet in acute urethritis 48530

penicillin, streptomycin & sulfathiazole (Rus) 22508

penicillins & other antibiotics, clin. problems caused by loss of sensitivity 26386

streptomycin (Ger) 32984

synthomycin & levomycin, determ. of concentration in blood, urethral & prostate gland secretion (Rus) 45645

## GOSSYPOL

*effects*

bound gossypol on growth-promoting action of cottonseed, soybean & peanut meals in rats 41233

prod. of ceroid-like pigment in chickens 34954

## GOUT

acute & chronic gouty arthritis, diag., pathogen. & ther. 16968

clin. & ther. aspects, review (It) 31769

clin. aspects, diag. & ther., review (It) 36783

pathogen. & physiopathol. (It) 31768

polyarticular, clinicoroentgenographic relation to rheum. arthritis, review (It) 31734

review 53066

*blood in*

lipoproteins (It) 31780

uric acid increase, diag. significance 30138

*case reports*

atypical case 40390

gouty arthritis with uric acid calculus of parotid gland 36271

in Negro females 557

tophaceous (Fr) 37884

tophaceous gout in 17-year-old 30920

with hemolytic & hyperchromic anemia (Fr) 37914

*complications*

carpal tunnel synd. caused by compression in severe tophaceous gout, case reports (Fr) 21394

diabetes mellitus, statist. 39526

nephrolithiasis (Tur) 22374

synovitis & arthritis, eff. of phenylbutazone on histol. of synovial membrane (It) 31779

*etiology and pathogenesis*

gout-like sympt. with hyperuricemia caused by 6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide 26167

*in pregnancy*

case report 12498

***metabolism***

adrenal cortex hormones (It) 31775

adrenal cortex hormones in blood & urine (It) 31774

atypical manifest. with hyperuricemia 51596

incorporation of glycine-1-C14, glycine-2-C14 & glycine-N15 into uric acid 35717

incorporation of radiocarbon-labeled sodium formate in urinary uric acid (It) 31773

***pathology***

kidneys, heart & coronary arteries (It) 31778

synovial membrane, histopathol. in acute gouty arthritis (It) 31777

***surgery***

tophaceous 50376

***therapy***

colchicine, intravenous inject. in acute stage (Sp) 3317

1,2-diphenyl-4-(2-phenylsulfinyl-ethyl)-3, 5-pyrazolidinedione 13302

36913

probenecid, eff. on urinary urate & uric acid levels (Fr) 9227

roxazolamine, testing 577

***urine in***

purine bodies, chromatography & spectrophotometry (It) 31776

**GOVERNMENT**

emotional aspects of political behavior, women voters 3770

ethnic & party affiliations of candidates as determinants of voting 37981

Ezra Pound case of demonstration of conflict between political & psychiatric viewpoints 24618

role in med. research 9838

**GRAAFIAN FOLLICLE**

***see also*** **CORPUS LUTEUM**

***see also*** **OVUM**

***physiology***

eff. of enzymatic degradation of acid mucopolysaccharides in follicle on pre-ovulatory growth of follicle 11908

follicular fluid concentration of radioactive drugs & tracers after admin. 19700

luteinization, extrinsic & intrinsic factors (Sp) 8895

phosphomonoesterase, alkaline, in primordial ovarian follicle & in various phases of estrus cycle in goats (It) 37161

***rupture***

in thrombopenic purpura causing abdom. hemorrh., case report 21513

***GRAFTS see*** **SKIN TRANSPLANTATION**

***GRAFTS see*** **TRANSPLANTATION**

**GRAIN**

***see also*** **CEREALS**

***see also*** **CORN**

***see also*** **FLOUR**

***see also*** **MALT**

***see also*** **WHEAT**

amino acid supplementation & availability in oat diets 50962

milo, amino acid adequacy for growth in rats 17807

oat, 6-substituted thio- & amino-purine stimulation of coleoptile growth with & without exogenous 3-indolelactic acid 13387

pelleted feeds causing ruminal parakeratosis in sheep, review 20017

vitamins, eff. of Azotobacter (Rus) 19106

***GRAMICIDIN see*** **ANTIBIOTICS**

***GRANULOCYTOPENIA see*** **AGRANULOCYTOSIS**

**GRANULOMA**

***see also*** **TUBERCULOMA**

appendicular, pathol. & differ. diag. from cancer of cecum 2145

larynx, caused by endotracheal intubation (Por) 53872

midline facial granuloma of nose & paranasal sinuses 41053

midline facial granulomatous ulceration (Ger) 23050

orbit, histol. & case report (Fr) 35237

polypeptides extracted from inflamm. granulomas, eff. on collagen-mucopolysaccharide combinations in vitro (Fr) 36080

pyogenicum, differ. diag. & histopathol. 13

pyogenicum, differ. diag. & ther. 9268

***case reports***

allergic zirconium deodorant granuloma 39928

annular, of eyelid (Ger) 28937

annulare, of galea aponeurotica, in child 33516

colon, right half 42423

for. body granuloma after cholecystectomy causing obstruct. jaundice (Ger) 9538

larynx, with squamous cell carcinoma 41074

lipophagic granuloma of right thoracic wall & forearm after mastectomy for adenocarcinoma with lipophagic granuloma (It) 2880

lipophagic, of breast (Sp) 13532

mediastinum, causing esophageal obstruct. 51165

midline facial granulomatous ulceration. 14710

midline facial granulomatous ulceration (Fr) 1020

multiple pyogenic of skin 26027

oil granuloma of buttock after inject. 37558

paraffinoma of fallopian tube assoc. with triple dermoid cysts partially lined with gastric mucosal tissue, case report (Ger) 34586

para-orbital lipophagic (Fr) 27026

rectosigmoid, with anastomosis, caused by fishbone 23503

retroperitoneal xanthogranuloma (Fr) 18505

rheum. of heart in patient of rheum. arthritis 48482

sclerosing lipogranuloma of orbit 26070

silicotic granuloma in old tattoos caused by brick dust (Fr) 37869

spermatic granuloma assoc. with tuberc. epididymitis 45579

talc granuloma of endometrium causing metrorrhagia, case report (Fr) 3133

Wegener's granulomatosis 12341

35893

41064

Wegener's granulomatosis (Fr) 36150

***diagnosis***

Wegener's granulomatosis, pulm. x-ray, review 47216

***differential diagnosis***

milkers' nodules from granuloma pyogenicum 21

***etiology and pathogenesis***

appendiceal & peritoneal granuloma caused by oxyuriasis (Ger) 42347

brain, caused by cryptococcosis neoformans 5530

brain, caused by cryptococcosis neoformans (It) 27870

brain, caused by sarcoidosis, x-ray manifest. 35434A

porcupine quill causing intraperitoneal granuloma, case report 6503

rose thorns (Ger) 22991

telangiectatic granuloma of larynx after endotracheal anesth., case report (Sp) 23914

tracheal, asphyxiant, caused by tuberc. gland fistula (Fr) 32064

***experimental***

eff. of ACTH & prednisolone (It) 7744

eff. of crowding on granuloma form. in mice 31410

granuloma pouch, use in determ. of anti-inflamm. action of protamine in rats (It) 13951

granulomatous lesions as expression of hypersensitive state, exper. in guinea pigs 11773

induction by polyvinyl sponge in guinea pigs, analysis of granulation tissue 31421

lipogranuloma, induction by dietary acetylated monostearate of glycerin in rats, review 20027

silica granulomas in rats, antiinflamm. eff. of various drugs (Fr) 47740

silicotic granuloma, leukocyte motility & phagocytic power in, eff. of various pharmacodynamic agents (Fr) 21294

***in infant and child***

annulare of feet 40391

nocardial of skin, ther., sulfadiazine 43510

***pathology***

electron microscopy of fibrillar structure of exper. silicotic granuloma (It) 1963

Wegener's granulomatosis of nose (Ger) 33534

***statistics***

colonic & anorectal granulomatous tumors, incidence & rate of malignancy in Venezuela 22022

***surgery***

post-auric. Krause-Wolfe graft in repair of midline facial granulomatous ulceration 31260

***therapy***

foot, reduction by hydrocortisone ointment 4580

streptomycin in granuloma annulare, results of topical admin. (It) 42557

***GRANULOMA, EOSINOPHILIC see*** **EOSINOPHILIC GRANULOMA**

***GRANULOMA, HODGKIN'S see*** **HODGKIN'S DISEASE**

**GRANULOMA INGUINALE**

anal, in passive pederasts 48247

***GRANULOMA, MALIGNANT see*** **HODGKIN'S DISEASE**

***GRANULOMA VENEREUM see*** **GRANULOMA INGUINALE**

**GRANULOSA CELL TUMOR**

develop. & progn. (Sp) 9720

theco-granulosal tumors, origin & structure 5563

***case reports***

feminizing, of ovaries (It) 13107

ovaries, pathol. & histogenesis (Ger) 39753

ovary (Sp) 13528

***complications***

postmenopausal menorrhagia in estrogen-secreting ovarian tumors, relation to benign endometrial mitosis 12399

recur. glandular cystic hyperplasia of uterine mucosa (Ger) 6710

***in infant and child***

in inf. (Ger) 25270

***therapy***

x-ray ther. 12683

**GRANULOSIS RUBRA NASI**

study of 20 cases in 4 generations of one family (It) 8588

***GRAPES see*** **FRUITS**

**GRASSES**

$\delta$-acetylornithine from leaves of various grasses 7193

bact. ecol. in silage made at controlled temperatures 5091

beaker test for hepatotoxic grass in guinea pig, relation to presence of fungal Sporidesmium spores 19645

carbohydrates, isolation & analysis (Ger) 27481

liposoluble extract from green leaves of Gramineae, hypercalcemic eff. in dogs & rats (Fr) 15102

nitrate content of grass species & strains 10649

prep. of microbe-free silage 25317

Pseudomycorrhiza of grasses (Ger) 25318

rye, characterization of bound amino acids in protein-free extracts of Italian ryegrass 13742

rye, eff. of culture in soil on microflora around roots (Fr) 13055

rye grass pollen extracts, biol. activity of extracts & their fractions 40129

rye grass pollen extracts, chem. & phys. properties of fractions 40128

rye grass pollen extracts, fractionation after dialysis 40127

rye grass pollen extracts, general properties 40126

silica-rich hay, feeding to sheep & eff. on urine volume & acidity 29846

Torulopsis wickerhamii from silage 25325

trisaccharides of Lolium & Festuca species 19539

Zygosaccharomyces mrakii from silage 25326

***GRAVES' DISEASE see*** **HYPERTHYROIDISM**

**GRAVITY**

***see also*** **SPECIFIC GRAVITY**

approximation to gravity-free situation for man, appar. 21661

eff. of sub-gravity, physiopsychic exper. data in relation to future space flight (It) 19207

epileptiform seizure during unusually low G forces in aviation officer candidate 50324

weightless state in zero-gravity flight, human & animal studies, prod. & physiol. eff. (Fr) 29234

***GRIPPE see*** **INFLUENZA**

***GRÖNBLAD-STRANDBERG SYNDROME see*** **PSEUDOXANTHOMA ELASTICUM**

***GROUP HOSPITALIZATION see*** **HEALTH INSURANCE**

**GROUP PRACTICE**

(Fr) 48961

appointments system in a Brit. group practice 8306

fee sharing in group practice (Fr) 38777

in dent., advantages & problems 28109

in obst. 47017

income distribution accounting 48515

**GROWTH**

amino acid adequacy of milo for growth in rats 17807

ash of unidentified growth factors, eff. on phosphate availability in turkey poult & chick 5546

basic studies on growth using method of transpl. in hamster cheek pouch 10503



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

depression by unheated soybean meal diets, response to dietary amino acid supplementation in chicks 1385

eff. of alimentary acidosis & alkalosis in rats (Ger) 18339

eff. of cockerel inject. with spinal cord emulsion in Freund's adjuvant 31374

eff. of dietary excess of single amino acid in rats, review 20025

eff. of dietary fat level & carbohydrate type on rats 28571

eff. of dietary level of raw soybean oil meal on weanling rats 28572

eff. of early gentling & shock on growth of rat 2576

eff. of feeding of irradiated flour to dogs 55006

eff. of water-soluble chemically defined diets on growth of mice, quantitative studies 25431

growth-promoting factors in tissues, review 26446

growth-promoting substances in soil, relation to bact., review 1608

of young rats fed on milk of mothers receiving isonicotinic acid isomers in absence & presence of vitamin B6 (Rus) 22674

rate of growth in length of long bones in various dis., x-ray determ. 47498

relation of skinfold brachial measurements, review 721

stimulation in leg length inequality (Cz) 11842

straight-growth inhibitors in glucose from plants

time factor in growth of living substances 49346

zinc requirements for growth in chick 17808

***effect of drugs on***

arsenic & antibiotics, hazards (Fr) 27540

chlortetracycline in young rats (Cz) 38127

cortisone on fetal growth of rats (Fr) 15650

diethylstilbestrol on energy utilization in growing chick 35807

diethylstilbestrol with oxytetracycline on growth of fattening calves (It) 1955

ethyl alcohol, in successive generations of mice 8496

17α-ethyl-4(5)-estren-17β-ol-3-one & 19-nor-testosterone phenyl propionate, stimulation by increased protein anabolism 2237

growth promoting α-hydroxy fatty acids prod. by Lactobacillus casei 9555

growth retarding property of duck egg white ovomucoid in rats 40083

hydrogen peroxide in rats 29875

interactions of B vitamins in rats 5554

penicillin in thiamine-deficient rats 50966

prednisolone & 1-dehydro-16α-hydroxy-fludrocortisone in rats (It) 49404

procaine penicillin G & thyroprotein on normal & hyperthyroid rats 17809

pyridine deriv., evaluation as growth factors, review 20023

retardation in mineral oil tox. in rat & mouse, counteracting factor in alfalfa 17813

ribonucleic acid (Ger) 19384

selenium in chicks 17815

serotonin in young oat plantlets (Fr) 38739

somatotropin, dosage (Sp) 51665

somatotropin in rat, thymus mediation 19500

vitamin B12, eff. of major dietary constituents on response of rats 20774

***in infant and child***

age features in healthy child. (Rus) 7919

anxiol. survey in Trieste (It) 42765

critical phases in develop., significance (Ger) 11153

disord. caused by loss of appetite, ther., magnesium molybdate-vitamin B12-vitamin T prep. (Sp) 39973

during 1st year of life in Poland, statist. (Pol) 7836

early maturity, consistency & change 33547

eff. of develop. of osteochondroma & osteogenic sarcoma on skeletal growth 4804

eff. of environment 50051

eff. of thalassother. (It) 20220

disord., etiol. & prognostic role in juvenile delinquency (Ger) 34205

eff. of intestinal parasitic dis. (It) 31701

growth-birth weight-fat correlations 49977

in Italy in school-age child. (It) 9373

in premature, eff. of dietary supplements of carob flour (It) 29733

in premature, eff. of oxytetracycline (It) 29720

inhib. in Cushing synd., case report (Pol) 8066

maturation disord. causing dissoc. & criminal behavior (Ger) 49108

of prematurely & maturely born inf. 13416

13419

phys. develop. of school girls in Upper Burma 13424

relation of psychosomatic develop. during first year of life to inf. mortal. (It) 1116

reliability of x-ray for determ. of skeletal growth 836

retardation caused by hypothyroidism, review (Fr) 25084

variations in normal growth, socio-econ. & nutritional aspects (Sp) 48090

***physiology***

arrested growth in young rats, eff. on nucleic acid content of organs 315

eff. of CNS stimulation in young rats (Cz) 38198

eff. of α-pancreatic cells in rats & rabbits (It) 26591

eff. of pinealectomy in rat 35132

epiphyseal growth impulses in humans & rabbits (Ger) 29053

metabolizable & productive energy of glucose for growing chick, determ. 17812

regulation of tissue growth by sympathetic NS, eff. of hormones & relation to tumor form. (Fr) 9184

relation to capillary resist. & eff. of temperature & diet in guinea pig (Fr) 41924

*GROWTH HORMONE see* SOMATOTROPIN

*GUANIDINES see* AMIDINES

GUANINE

***antagonists***

8-azaguanine control of differentiation in fern gametocyte 3492

8-azaguanine, eff. on antibody synthesis in vitro 29836

8-azaguanine, eff. on bact. growth (Fr) 48803

8-azaguanine, eff. on chick embryos 4980

8-azaguanine, eff. on purine catabolism in rats 38088

8-azaguanine, induction of congen. abnorm. in mouse embryos 40787

GUILLAIN-BARRÉ SYNDROME

(Ger) 22640

electromyographic aspects 3348

Landry's paralysis, review & case reports (It) 54481

review (Fr) 15884

***complications***

hypertension, hyposthenuria & hypercalciuria without hypercalcemia in postparalytic period (Sp) 44494

Parinaud's synd. (Cz) 38297

resp. insuff., case reports (Fr) 54059

resp. paralysis caused by recur. Guillain-Barré synd., case report 6462

resp. paralysis in Landry-Guillain-Barré synd., ther., artif. respiration (Sp) 8705

***differential diagnosis***

musc. dis. (It) 32124

***etiology and pathogenesis***

herpes zoster, pathomorphol. (Ger) 27172

*GUILT see* EMOTIONS

*GUMS see* GINGIVA

GYNANDROBLASTOMA

35763

GYNECOLOGICAL DISEASES

clin. manifest. & pathol. (Ger) 30808

clin. statist. (Pol) 39636

diag. & surg., review 20562

diag. & ther. (Ger) 8140

diag. & ther., review 18689

diag. & ther. value of hysterosalpingography 36021

disability evaluation in working women (Ger) 15379

E. coli, streptoc. & micrococcal infect., incidence & diag. 36044

in child. & adolescents 7857

28495

inflamm., local antibiotic ther. & case reports (It) 42571

pain, etiol. & ther. (Sp) 9747

pain of sympathicotonic origin, ther. (Ger) 46028

review (Fr) 3711

***blood in***

coagulation factors & defects causing hemorrh. disord. 17734

reticulocyte count (Ger) 46082

***case reports***

allergic (Dut) 30010

echinococcosis (Rus) 12174

***complications***

acute abdom., differ. diag. 28541

anemia, ther., intramusc. iron (Sp) 39617

anemia, ther., iron, parenteral admin. 35748

edema, ther., 6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1(2H)-dioxide 41156

endocrine dis., value of hormone analyses (Ger) 33963

hemorrh., ther., blood transfusion, eff. of blood hemoglobin content on circ. & resp. (Ger) 18940

intestinal obstruct., case reports (Hun) 20166

peritonitis, antibiotic ther. in surg. (Ger) 21954

Schistosoma haematobium infect. causing tubal pregn. 630

thromboembolism, review (Ger) 25215

thrombosis, ther., mixture of heparin & heparin-like substances (Ger) 42290

urinary retention (Dut) 52598

urination disord. (Ger) 42345

***diagnosis***

cervix mucus crystallization 38575

culdocentesis, technic & diag. value 38566

endometrial biopsy, technic & indic. (Sp) 8934

endoscopy (Heb) 16082

exam. after admin. of musc. relaxants (Ger) 49754

gynogram with gas insufflation 38568

hormonal disord., diag. value of determ. of 17-ketosteroids in urine (It) 8482

parietography (It) 6878

pelvic phlebography, intrauterine, diag. value (It) 42564

postmenopausal, modified benzidine test for detection of minimal bleeding 17840

pneumopelviography, technics & clin. value (It) 54251

pneumoperitoneum in x-ray diag. (Rus) 55245

x-ray diag. of develop. changes of genitalia (It) 29656

x-ray, progr. (Ger) 15422

x-ray, reduction of dos. (Sw) 52736

x-ray, review (Sw) 43195

***differential diagnosis***

diverticulitis (Sw) 43210

***etiology and pathogenesis***

endocrine factors 20479

focal infect. (Ger) 55381

***in aged***

surg., results, in Copenhagen hosp. 38844

***in pregnancy***

Curtius synd. (Ger) 49756

x-ray problems 12675

***physiology***

diencephalic factors, Stein-Mirsky test (Sp) 10402

eff. of working cond. (Ger) 15334

eff. of progesterone & various progestational agents in women 13213

***prevention and control***

campaign against working disability of women in Czech. (Cz) 48669

***psychology***

eczema, psychosomatic aspects (Ger) 29451

psychosomatic aspects 4534

psychosomatic aspects (Ger) 18925

***statistics***

in Korea 18780

incidence in agricultural workers (Hun) 7369

report of outpatient serv. (Ger) 11111

***therapy***

adrenal cortex hormones & ACTH, indic., review (Ger) 15979

androgens, depot prep. (Ger) 19054

androgen, estrogen & progesterone 27786

androstane-3β ol-17-one (Fr) 26980

antibiotic & procain infiltration in chronic infect. with pelvic manifest. (Sp) 21785

antibiotics (It) 38547

antibiotics in inflamm., follow-up (Cz) 38273

N-(p-biphenylmethyl)-atroptnium bromide (Hun) 43436

blood transfusion in, statist. (Hun) 41986

chloramphenicol in bact. infect. (Ger) 32965

chloramphenicol-tetracycline prep. in infect. (Sp) 9728

chlorpromazine & promazine (Ger) 10304

chlorpromazine, indic. (Ger) 19434

colimycin (It) 52016
52031

colimycin alone & with penicillin (It) 52027

colimycin with penicillin, local admin. (It) 52029

coresin, local admin. (Rus) 12128

m-cresolsulfonic acid (Ger) 29410

10-(3-dimethylaminopropyl)-thiophenylpyridylamine (Ger) 18972

hormonal implants (Pol) 27607

hormones, physiol. bases 4506

hormones, use & abuse (Por) 35960

hydrocortisone ointment with oxytetracycline (Ger) 29434

17α-hydroxyprogesterone caproate 13208

hypother., indic. (Fr) 55126

inflamm., combination of hyaluronidase infiltration with ultrasonics (Hun) 51427

inflamm., microwave ther. (Ger) 22806

neomycin with bacitracin, resorption & elimination (Ger) 32840

norethisterone (Ger) 12084

oxytocin 33130

phys. ther., review (Ger) 29493

prednisone (Ger) 15980

prednisone & prednisolone with tetracycline (Ger) 15981

prednisone in inflamm. (Ger) 46287

radium ther., lead filter for protection of handler (Ger) 15873

sex hormones (Rus) 12106

sex hormones, errors & hazards (Ger) 15424

thiobitum bath (Ger) 38923

vitamin E, review (Pol) 53145

*urine in*

antidiuretic substances 646

follicle stimulating & interstitial cell stimulating hormones 17038

17-ketosteroids (Rus) 12125

sediment cytol., clin. value (Sp) 8943

## GYNECOLOGY

common areas with other med. specialties 12411

comparison of practice in primitive & modern societies 32529

forensic gyn. in Czech. (Cz) 38261
38262

gyn & surg. as separate specialties (Sp) 54988

gyn. serv. in So. Africa 50975

hosp. obst.-gyn. department, proposed separation 16214

in Greece (Fr) 15170

in Russia in rural areas (Rus) 46805

minor gyn., review (Ger) 18987
18995A

prev. med.in gyn. practice 7617

progr. (Fr) 41109

research in non-university hosp. 7638

radiation hazards 20079

research in community hosp., integrated program 12391

Residency Review Committee in Obst. & Gyn., organiz. & funct. 12409

review (Ger) 18924

So. Atlantic Assoc. of Obstetricians & Gynecologists, 20th anniversary 12379

surg., costs & fees for various surg. procedures in Europe & relation to cost of living (Sp) 54989

***apparatus and instruments***

vaginal applicator, improved 40293

***education***

visual teaching aids 50813

***history***

19th century treatise on (Fr) 26209

in ancient & late China 38417

## GYNECOMASTIA

***case reports***

unilateral (It) 39670

***etiology and pathogenesis***

indust. processing of estrogens by men, ther., androgens (Fr) 32009

origins of mammary swelling, analysis of patients with breast hypertrophy, testicular tumors & adrenal neoplasms 38055

***HABIT see*** **BEHAVIOR**

## HAEMOBARTONELLA

muris of rats, mechanism of transm. by spined rat louse 51002

***HAEMONCHUS see*** **TRICHOSTRONGYLOIDEA**

## HAIR

***see also*** **ALOPECIA**

***see also*** **EYEBROWS**

***see also*** **EYELASHES**

androtrichia in female (Ger) 3210

arsenic content, rapid determ. (Ger) 39031

beard growth in Japanese in relation to age, sex, hered. & other factors 17369

bulb & papilla, geometric interrelations in normal & in alopecic scalp 28443

chem. & morphol. changes in child. with kwashiorkor (Fr) 1072

chem. reactivity in keratin cuticle, electron microscopy 19695

DOPA-oxidase in melanocytes of x-irradiated quiescent hair follicles 44141

dyes, analysis by successive extractions with organic solvents followed by chromatography (It) 53816

dyes, chromatographic analysis, methods & problems (It) 53815

epilation by epilis in ther. of fungus dis. of scalp (Rus) 22503

epilation by microbial & other enzymes 1298

epilation by x-ray, appar. (Rus) 45166

fluorescent material 34855

griseofulvin presence in hair of guinea pigs after oral admin. 53444

growth cycle, eff. on growth of chemically-induced skin tumors in mice 23975

growth in rabbits, eff. of dimethylbenzanthracene & croton oil (Ger) 36419

growth in rabbits, study with pedicle skin grafts 16788

growth in rat, suppression by various hydrocortisone analogs, comparison 41007

growth, relation to histamine in skin in guinea pigs & rats (Ger) 4366

hair dyes, determ. of amine content by paper chromatography (Fr) 42831

hemitrichosis, etiol. relation of nerv. control of hair growth 46631

hirsutism, comparative eff. of prednisone & cortisone on 17-ketosteroids & dehydroisoandrosterone in urine (It) 53585

hirsutism, electrophoretic changes in blood proteins 50437

hirsutism, essential, urinary hormone determ. (Sw) 8699

hirsutism, etiol. & diag. 50233

hirsutism in postpuberal female, with & without Stein-Leventhal synd. (Fr) 36067

hirsutism in puberty, eff. of chorionic gonadotropin & prednisone ther. on urinary 17-ketosteroids (Fr) 15183

hirsutism in women (Fr) 36065

hirsutism in women, differ. diag. & ther., review 20922

hirsutism in women, progesterone catabolism (It) 39353

hirsutism in women, urinary androgenic steroid fractions (Fr) 36068

hirsutism in women, urinary 17-ketosteroids (Bul) 16409

hirsutism in women with endocrine disord., determ. of urinary 17-ketosteroids 41016

hirsutism in women with hyperandrogenism (Fr) 36058

hirsutism of sudden onset in young woman with adrenal cortex hyperfunct. 50515

hirsutism post-pubertal differ. diag. from Stein-Leventhal synd. 37693

hirsutism with retinitis punctata albescens, case report (Fr) 31996

hypertrichosis caused by drug ther. in child. (Ger) 42870

hypertrichosis, in women, urinary excretion of 11-hydroxycorticoids, eff. of cortisone (It) 3851

hypertrichosis, isolated in women, urinary steroid excretion (Fr) 45021

in mice living in environment of -3°C., comparison with mice at higher temperature 53695

iron (Ger) 11166

nerve endings (Ger) 46630

monilethrix, hered., case reports 9623

nodra, case in Amer. child 34856

resting & growth phases, eff. on exper. carcinogenesis in mouse skin 26001

roots in thyroid dis. 50648

structure & dis. (Fr) 31479

sudden or rapid whitening, case report & review 46393

trichorrhexis nodosa, case report 11562

woolly hair nevus, case report 11563

## HALLUCINATIONS

***see also*** **DELUSIONS**

auditory (Fr) 48416

auditory alcoholic hallucinations in delirium tremens 18076

auditory & visual hallucinations caused by (2,2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine (Fr) 54986

caused by mescaline in normal subject 48388

causes (Fr) 15964

chronic tactile hallucinations (Cz) 2759

clin. & exper. investigations (Rus) 55856

hallucinogen pipenzolate HCl, pharmacol., dose-response statist. 46452

hallucinogenic drugs, eff. on ment. patient response to phys. ther. 53107

hallucinogenic mushrooms, various species 19432

in brain dis. (Ger) 46045

in obsessive neuroses (It) 33162

in sane individuals, definitions & psychol. significance 16365

in schizophrenia, drawings of hallucinations (Fr) 47449

in schizophrenia, heterosexual autoscopy (Fr) 36117

in schizophrenia, preadaptive attitudes to 11671

in schizophrenia, theoretical implications of hallucinatory experiences 4595

in schizophrenia, with neologisms & glossolalia (Cz) 14864

musical hallucinations in focal epilepsy 8470

musical hallucinosis, in subject of tinnitus who heard speech as music (Fr) 44657

psychoanalytic interpretations 40156

visual, description of fundamental & figurative hallucinations (Sp) 31830

visual pseudo-hallucinations, with confusional state & compulsive neurosis after cerebral hemorrh. (It) 54274

## HALLUX

myotendinitis calcarea at proximal joint, case reports & x-ray manifest. 35440

nail problem of hyperextended hallux 4573

rigidus in adolescent 40630

rigidus, surg. correction 4584

sesamoid bone fract. (It) 21470

valgus, clin. & x-ray manifest. & surg. (Por) 42015

valgus, Gocht surg. technic (Ger) 23183

valgus in adolescents, surg. 44044

valgus, surg., technics (Ger) 29184

valgus, ther. by extension arthroplasty (Ger) 34570

valgus with plantar neurofibrous heloma & bursitis, corrective ther. with latex forefoot device 4569

## HALOGEN COMPOUNDS

***see also*** **ANTISEPTICS, HALOGEN**

***see also*** **BROMIDES**

***see also*** **CHLORIDES**

***see also*** **FLUORIDES**

***see also*** **IODIDES**

freon gas pois. (Sw) 53706

α-halogenated ethers & thioethers, products of reactions with cyclic β-ketocarboxylic acid esters (Ger) 47670

ω-halogenoalkylbenzenes & related benzyl alcohols in rabbits 37057

reactivity of halides with sulfonyloxyl groups of carbohydrates 19464



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

**HAMARTOMA**

angiohamartoma of female urethra (It) 36714

base of third ventricle in child. (Ger) 23109

bronchi (Ger) 11355

case in child 40913

cervix 39936

hamartochondroma, endobronchial, in recur. cavitation in pulm. tuberc. (Hun) 45469

lung (Sp) 13526

lungs, anatomopathol. & clin. aspects of chondromatous hamartoma (It) 25530

lung, x-ray demonstration of post-op. growth 10319

multiple microhamartomas of liver in fatal generalized drug hypersensitivity reaction 135

ocular phakomatoses, review (Dut) 52502

**HAND**

*see also* FINGERS

*see also* METACARPUS

anthropometric & biomechanical characteristics 23302

cosmetol. care (Fr) 26978

normal & pathol. dangling, high-speed cinematography (Fr) 44744

palmar sweating in mountain climbers at high altitudes 48281

protecting & cleaning hands contaminated by synthetic fallout under field cond. 23315

qualities for dexterous hands of ophth. surgeon (Sp) 21781

***abnormalities***

carpo bossu dis. & os styloideum (Ger) 38422

***blood supply***

arterial dis. (Fr) 40958

arteriosclerosis, caused by diabetes mellitus (Dan) 30217

eff. of orthostatic strain on capacity & resist. of vessels (Ger) 30584

vasc. changes in Kienboeck's dis., arteriography (Ger) 25886

***cysts***

aneurysmal bone cyst, case report 8481

***diseases***

acroparesthesia due to carpal tunnel synd. in pregn. 17854

angiomatosis, x-ray aspects (Fr) 17992

calcifications, paraosteal (It) 25614

caustic dermatosis caused by oleoscivents in petroleum workers, case reports (Fr) 37858

claw hand caused by intrinsic musc. paralysis in leprosy, surg., sublimis transfer of Stiles & Bunnell 40623

eczema, etiol. & ther. 6960

eczematous eruptions, etiol. & ther., review 29261

maduromycosis, case report 34950

osteomyelitis, determ. of protein content of affected long bones (It) 44844

physiopathic (Fr) 41434

psoriasis with reflex disord., case report (Fr) 37852

ringworm, prev. & ther. (Rus) 22516

sepsis, surg. & postop. penicillin admin. 37698

tenosynovitis, diag. & ther. (Ger) 22921

vth rheum. arthritis, surg. correction 42049

***effect of radiations on***

x-ray ulcers, local procaine ther. (Ger) 35706

***fractures***

ther., intramedullary fixation, technic & indic. (Cz) 35040

***gangrene***

diabetes mellitus complicated by gangrene of hand & forearm, case report (Hun) 52904

***hemorrhage***

hematoma, paroxysmal (Ger) 51800

***in various diseases***

mimic expression in psychotics (It) 27672

palm print peculiarities in child. with various dis. (Ger) 36169

tuberc., redness of palms (Fr) 2429

***innervation***

nerve damage in leprosy 18512

skin innerv. patterns in human hand 478

***neoplasms***

chondrosarcoma of small bones 16984

multiple ossifying chondroma, surg., auto- & homografts (Fr) 42418

osteochondroma, tenosynovial 40606

***paralysis***

of extensor musc. of wrists & fingers in lead pois., myopathic versus neuropathic mechanism 36293

***physiology***

goniometer of recording range of motion of joints 16987

regulation of human hand movements at great aiming accuracy (Ger) 53071

***radiography***

anteroposterior projection of carpometacarpal joint of thumb by radial shift of carpal tunnel view 16988

diag. signs (Fr) 31102

***surgery***

follow-up (Ger) 38879

hist. & progr. in past 50 years (Por) 31850

operating table for hand surg. 51330

proximal interphalangeal joint, para-articular fusion 48427

rotatory osteotomy (Hun) 51435

tendon repair 19971

tendon transfer to restore hand funct. in tetraplegia 16975

***wounds and injuries***

burns of dorsum of hand, surg., early excis. & grafting technics 866

burns, ther. (Fr) 54135

classif. & surg. indic. (Por) 31851

classif. & ther. 32513

compression inj., severe, amputation versus rehabil. 50372

diag., exam. procedures 7491

emergency surg. at optimal time 20693

extensor digitorum communis aponeurosis rupt. in back of hand, surg. (Ger) 34568

flexor ligament repair (Bul) 28698

flexor tendon inj. in child., repair & reconstructive surg. 40604

flexor tendon repair (Bul) 28753

in seal trappers & fat processing plants (Rus) 45160

laceration of flexor profundus tendons, delayed advancement in repair 40607

lacerations, surg. anat. 10126

post-traum. determ. of funct. value of sensibility in hand 4790

posttraum. dorsal & palmar interdigital skin folds, plastic surg. (Rus) 43408

posttraum. scarring, surg. (Rus) 43410

reconstruction in mutilation of fingers & hand (Fr) 39841

reconstruction using metacarpal bone grafts (Rus) 43409

rehabil. 20695

scald, causing posttraum. osteolysis (Ger) 25358

surg. 20694
24711

surg., indic. & technics 32721

tendon inj., surg. 46528

tendon section, transfixation (Ger) 38435

ther. 28465

ther. (Dut) 52520

**HAND AND FOOT**

*see also* FOOT

*see also* HAND

acrocyanosis, ther., 4-(N-benzylanilino)-1-methylpiperidine ointment (Ger) 39953

acrocyanosis, vasodilat. in hand, plethysmography 38615

hyperkeratosis palmaris et plantaris caused by pellagra, ther. & relation to general cond. (Sp) 53906

postular bacterid, case reports 37894

power lawn mower inj. 47209

**HAND-SCHUELLER-CHRISTIAN SYNDROME**

*see also* EOSINOPHILIC GRANULOMA

*see also* LETTERER-SIWE DISEASE

ACTH & cortisone with estrogens & dessicated thyroid, ther. 50435

cortisone & x-ray ther. 11966

develop. from eosinophilic granuloma in child. (Pol) 38456

histiocytosis X, pulm. (Hun) 7719

numerous osseous foci, in 20-month-old inf. (Sp) 53941

review (Sp) 8893

with complete destruction of scapula in child. 50609

with eye involvement in child. (Ger) 28935

x-ray ther. of Hand-Schueller-Christian dis. & related dis. 35457

**HANDEDNESS**

conditioning & inhib. of laterality (Fr) 36125

develop. of paw preferences in cats & monkeys 17356

eff. of work of one hand on work of other hand (Rus) 49563

in aphasia, relation of cerebral dominance & handedness to progn. 25982

in temporal epilepsy & temporal lobe gliomas, statist. 24085

lateral dominance in child. in relation to reading difficulties, Harris tests (Sp) 36845

laterality, relation to synkinesis & assoc. movement (Fr) 36124

mixed dominance of eye & hand, relation to reading disord. in child. 41267

relation of somatic handedness to handedness of body image 16492

relation to brain structure & lateralization of hemispheric dominance (Fr) 49227

relation to weight distribution on legs in persons working in standing position 23893

**HANDICAPPED**

*see also* AMPUTEES

*see also* REHABILITATION

care of neuromuscularly disabled, interdisciplinary contributions 47535

child. care in Holland, Mytyl School jubilee (Dut) 29970

child. in Czech., med. & educ. welfare programs (Ger) 34139

child., oral hyg. with monoxychlorosene 20139

child., phys. assistance (Ger) 11115

child., problems (Dut) 25400

child., research & ther. programs in Russia 41865

child., schools in Sweden (Sw) 45050

child., survey of pupils in schools for phys. handicapped in London 26107
26118

criteria for employment 17554

driving ability evaluation (Sw) 23124

employment & occup. rehabil. in work adjustment center 47782

employment & rehabil. of handicapped veterans in Switz. (Ger) 30967

employment by hosp. 16261

employment of emotionally handicapped, employer willingness & counselor practice 18029

engineering research on problems resulting from sensory loss 47537

GP aid to handicapped child & young adult, in Canada 48528

handicapped adolescents, employment problems (Fr) 30964

health & welfare problems in community planning for indigent disability 24649

indust. employment, problems (Fr) 13479

indust. subcontracting to organiz. employing disabled persons 18026

legislation in Germany (Ger) 13376

mechanism of denial in phys. disabilities 23420

nutrition, home-delivered meal program of Columbus, Ohio 50159

orthopedagogics as theoretical & practical discipline (Hun) 39749

psychol. adjustment patterns of disabled 47533

psychol. aspects of sensory disability 47538

reading guidance for handicapped, hosp. librarian's role 49951

reclassif. of positions reserved for handicapped workers in ironworks (Fr) 13476

relation of phys. disability to spontaneous rotation of Rorschach cards 41362

school child., in Scotland, needs & facilities for care 42177

**HANDWRITING**

changes in diag. of alcoholic intoxication, medicolegal aspects 4453

develop. of writing center & connection between speech & handwriting (Ger) 19442

eff. of reserpine & chlorpromazine ther. (Fr) 49229

national handwriting practices, eff. on human figure drawing 17166

skill of first-grade school child., relation to visual achievement tests 12459

strokes, changes in schizophrenia (Ger) 27041


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

## HARELIP

*see also* CLEFT PALATE

anat. classif. & surg. (Fr) 32030

embryol. aspects & relation to facial develop. (It) 29576

etiol. & surg., Le Mesurier's method (It) 52114

new classif. 30656

research progr., need for internat. cooperation (It) 29578

*case reports*

analysis of cases in twins 8039

environmental factors in presence of harelip in one of identical twins 8038

medial 24683

with cleft palate in dog, case report 16779

*prevention and control*

maternal admin. of folic acid & vitamin B6 during pregn. 30657

maternal admin. of vitamin supplements during pregn. 30658

*surgery*

36309

39826

Abbe technic (Ger) 29102

Le Mesurier procedure 5283

LeMesurier technic, Steffensen modif. 47840

nasal repair in (Ger) 34189

new trends (It) 29579

plastic, one-stage cheiloplasty & gratho-ureno-staphyloplasty for total unilateral harelip, technic (Fr) 13025

plastic repair, anesth. (Ger) 12884

preserv. of natural landmarks in unilateral cleft lip 40292

primary & secondary operations, methods & comparative results (It) 29580

review (Pol) 43691

statist. (Sp) 3333

surg. & orthopedic & orthophonic ther., indic., methods & timing of operations (Fr) 13070

## HAY FEVER

*see also* POLLEN

diag. & ther. of nasosinusal allergy (Fr) 31934

diag., ther. & epidemiol. in Hungary (Hun) 20174

pollinosis, review 21027

*blood in*

C-reactive protein, in preseasonal & seasonal periods after hyposensitization (It) 6892

*case reports*

(Fr) 9076

45541

*complications*

asthma-eczema-hay fever-urticaria synd. 53058

nasal & other resp. compl., management 13145

strong pulm. allergy, cause of clin. latency in patients without pulm. manifest. of asthma (Fr) 31075

*diagnosis*

provocation tests of nasal obstruct. in latent allergy, ther. correlations 35315

*epidemiology*

in Brazil (Por) 53847

in So. W. France, charts of seasonal blooming period of various plants (Fr) 50768

*etiology and pathogenesis*

food allergy, diag. tests with nebulized extracts of sensitizing foods, value (Sp) 9716

inhalation of lucerne dust, in So. Africans, case reports & ther. 45058

plant Melinis minutiflora, case report (Por) 39984

pollen of prosopis tree in Southwest & So. Africa 54515

*in infant and child*

early diag. & ther. 5385

*surgery*

Doppler operation (Ger) 42877

*therapy*

ACTH, admin., intradermal (It) 30340

amnion extracts (Pol) 30328

calcium pantothenate 36240

climatother., value of Florida climate 20105

emulsified extract in grass pollinosis, single annual inject., statist. 13144

follow-up study 38029

hydrocortisone, local admin. (Ger) 12192

methylphenidylacetate 17648

non-specific cases 50747

prednisolone, aerosol, inhib. eff. on nasobronchial reflex in asthma (Sp) 3318

prednisone, indic. & results 28475

promethazine 23456

single annual inject. of emulsified tree pollen extract 1122

Toxicodendron quercifolia, eff. on nasal eosinophilia 49391

*urine in*

17-ketosteroids & 11-oxysteroids 4391

## HEAD

*see also* CRANIUM

*see also* SCALP

*abnormalities*

dyscephalia with bird-like head & multiple congen. abnorm., case report (Fr) 36193

exper. malform. induced by vitamin A excess during pregn. (It) 29577

*anatomy and histology*

serial sectioning of undecalcified animal heads 16796

*effect of radiations on*

dosimetry of gamma irradiation (Rus) 10796

x-irradiation causing delayed fatal synd. in rats (Fr) 3127

*neoplasms*

dysembryoma of temporomastoid region in newborn inf., surg. (Fr) 36158

embryonal rhabdomyosarcoma 48542

familial multiple cutaneous tumors of head, gross & histopathol. 5657

flat cell carcinoma of temple causing multilocular bone metastases (Rus) 13885

malignant melanoma, incidence, diag. & ther. indic. 36261

melanoma, diag. & surg. 6242

paraganglioma, non-chromaffin 1181

radiother., indic. 5227

reconstructive surg. 20397

surg. extensions & modifications of radical surg. technics 17508

surg. management of head & neck cancer 5202

surg., postop. rehabil., role of pub. health nurse 52787

*surgery*

postop. reconstructive surg. 8010

*wounds and injuries*

51479

acute, surg. management 32719

burns, management (Fr) 54134

causing cervical myelopathy (Fr) 19767

causing dislocation of incus, case report 5396

causing ocular paralysis, surg. 43721

classif. & incidence 12694

classif. & ther. 6980

clin. & EEG manifest., statist. 24077

closed inj. in identical twins, psychometrics 24087

electrical burns causing complete scalp & tabula externa loss, skin transpl. (Ger) 29096

extracranial diag. 51477

in child., with subsequent persistent psychiatric disorders 50854

in soccer (Ger) 39077

in traffic accid., management 5854

metab., body fluid balance disord. 47247

planning for ther. serv. in Gt. Brit. 48258

posttraum. CSF otorrhea & rhinorrhea (It) 42720

present day management 27082

psychiatric aspects 12778

scalp avulsion, extensive, surg. (Rus) 41560

surg., indic. (Ger) 38423

ther., initial evaluation & follow-up care 52750

ther. of severe head inj. 8194

tomahawk inj., case report 11642

traum. swelling & inflamm., ther., trypsin 24678

unusual compl. (Cz) 38295

## HEADACHE

*see also* MIGRAINE

5311

cluster headaches, pathogen., differ. diag. & ergotamine tartrate ther. 7390

craniofacial cephalagia, etiol. classif. & ther. (Fr) 9081

diag. & ther. 6987

etiol. & ther. (Ger) 49065

psychogenic 45815

vasc., classif. & etiol. 28495

*differential diagnosis*

vasomotor headache from migraine (Ger) 15321

*etiology and pathogenesis*

(Sp) 44566

allergy to foods & inhalants 10411

autonomic ganglia dis. (Pol) 30306

cervical spinal neurol. & vasc. disord., anat. & pathol. 14552

extracranial causes 42094

extravertebral factors (Ger) 52272

hypertension, oxygen ther. (Rus) 33232

intracranial sewing needles, surg. removal (Ger) 34608

intracranial trauma (Ger) 46047

lumbar puncture, prev. technics 4481

pneumoencephalography & spinal puncture, ther., caffeine with ergotamine (Pol) 53143

psychosomatic factors, case reports (Fr) 48364

role of small vessels in pathogen. of histaminic cephalea (It) 42586

subluxation of cervical spinal articular process causing chronic headaches, x-ray diag. (Hun) 20162

temporal arterialgia caused by cervical spinal lesions, differ. diag. & ther. (Hun) 4136

vasc. factors, in headache induced by vasodilating drugs, relation to serum mucopolysaccharide levels (It) 53586

*in infant and child*

chronic vasc., ther., dihydroergotamine (Ger) 30018

*manifestations*

electromyographic 19979

*pathology*

stellate ganglion in unilateral head ache (Ger) 37757

*physiology*

vasomotor headache, diurnal fluctuations (Ger) 27166

*therapy*

acetophenetidin-caffeine-phenyltoloxamine-salicylamide prep. 8670

acetylsalicylic acid replacement by salicylamide in combined admin. with acetophenetidin & caffein, evaluation 33436

meprobamate, results (Ger) 3273

review (Sw) 45324

## HEALTH

*see also* HYGIENE

definition & status of concept of health versus dis. 18368

definition of health economics 18446

good health, interdependence with good conduct 50899

health of London bus drivers 10418

health program for religious 40011

health survey data in demographic analysis, limitations 6764

health units, administrative funct. & problems (Fr) 10677

of Rungus Dusun tribe of Borneo 41458

relation to nutrition (Ger) 22854

relation to nutrition (Por) 21020

rules of Swedish poet in 18th century (Sw) 54833

therapeutic values of world peace 11084

## HEALTH EDUCATION

*see also* SEX EDUCATION

dent. health educ. of pub. 28097

dent. health educ., responsibility of state society 28098

fellowship program of W. K. Kellogg Foundation, hist. note 20887

in Canada, in teachers' colleges 26437

in Philadelphia, Lankenau Hosp. community health educ. program 24844

in Rochester, N.Y., Health Forum's television program 28143

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

in Russia (Rus) 43566
45244
45245
in Russia in military garrisons (Rus) 45895
in Russia, in rural pub. health organiz. (Rus) 3826
modern health technics for lay groups, program of Nebraska 4-H clubs 7265
nurse's responsibilities in supervision, counselling & teaching new parents 14724
of Czech. women (Cz) 38279
of pub. health nursing aides 47203
of women in Czech. (Cz) 48675
role of physician in health educ. of patients 2172
sound recordings in (Rus) 16891
visual aids in 19922

**HEALTH INSURANCE**
*see also* ECONOMICS, MEDICAL
*see also* MEDICINE, SOCIAL
*see also* NATIONAL HEALTH PROGRAMS
7526
Blue Cross & Blue Shield 41090
Blue Cross & Blue Shield, partnership & national enrollment 50853
Blue Cross, evaluation 16161
Blue Cross, excess utilization by hosp. personnel 16159
Blue Cross, insurance company viewpoint 27927
Blue Cross, relation to indust. 16163
Blue Shield & physicians' fees, problems 7459
Blue Shield med. care plan, trustee responsibilities 42818
Blue Shield, perspectives 55284
Blue Shield, physician's criticism 41091
Blue Shield plan in Iowa 17535
Blue Shield, responsibilities of trustees 41010
Blue Shield, role in preserv. of private med. practice 22168
college health program, financing 45275
compulsory, for workers, legislation in Italy (It) 9331
compulsory, in Spain, reorganiz. (Sp) 1796
coverage of tuberc. patients in Belgium (Fr) 35491
Dependents' Med. Care Program for armed forces personnel, analysis of operation 16643
eff. of obligatory health insurance of econ. of physicians (Sp) 38537
extension of insurance protection & med. care of aged, needs & problems 54857
financing health care cost in U. S. 17529
for aged, AMA council report 50182
for aged in Sweden & Norway 49780
for migratory workers, problems 35844
for retired persons, new exper. on voluntary health insurance 4473
Group Hosp. 18666
group med. catastrophe plan of Connecticut 27052
Health Insurance Assoc. of Amer., statement on proposed Soc. Security Act amendments 29929
health insurance plans, cooperation of patient & physician 15923
Health Insurance Plan of Greater New York, statist. on members over 65-years old 8436
hosp. insurance, coverage of dent. care 17873
hosp. utilization problems created by prepaid hosp. insurance 16242
in Canada, joint federal-provincial program 2582
in Canada, relation of Hosp. Insurance & Diag. Serv. program to public health in Denmark 3179
in France, reforms (Fr) 48945
in Germany, funct. of physician in med. claims (Fr) 38821
in Hungary, report on control exam. by specialists (Hun) 19745
in Italy, proposed reform (It) 9329
in Sweden, evaluation of collective med. care plans (Sw) 54830
in U. S., current status 50863
in U. S., eff. of expanding insurance plans on med. practice 6409
in U. S., increasing costs & attitude of pub. & hosp. to costs of med. care & hosp. 40036
in U. S., opposition to compulsory national health insurance program 5074
in U. S., opposition to health care provision of soc. security benefits program 15919
in U.S., trends & Medicare, Blue Shield & Blue Cross programs 17729
increasing rate of utilization in U.S. & prov. of misuse 45819
insurance factors affecting GP, econ. aspects 5243
major med. expense insurance 35843
major med. expense insurance plan 52799
major med. insurance coverage in U. S. 15935
med. & hosp. care program of UMWA Welfare & Retirement Fund in Pennsylvania 7940
Medicare 16683
Medicare, new rules on use of civilian facilities 16211
Medicare, revised program 22468
necessity of payments for diag. & ther. of trivial ailments & funct. dis., in France (Fr) 48948
physicians' judgements on organized insurance 40056
physician's viewpoint 41088
pre-paid med. care pla..., prev. of abuse by patients 10848
prepayment hosp. plans, eff. on oral surg. practice 17873
prepayment insurance, physicians' responsibilities 4686
prev. of cost increases, cooperation of clients & med. profession 10449
proration of insurance payments, position of Amer. College of Surgeons 37795
responsibilities of physicians in field of health & accid. insurance 31244
right of patients to choose physicians 54856
simplified health insurance claim forms 30166
standard. of insurance claim form 50806
viewpoint of insurance indust. 41089
voluntary health & accid. insurance, physician's responsibilities 7369
voluntary health insurance, concept of partnership between health care field & insurance business 10451
voluntary health insurance, current problems & opportunities in U.S. 41011
voluntary health insurance in Gt. Brit., recent growth 16645
voluntary health insurance programs, econ. factors in relation to med. profession 10450
voluntary in U. S., improvement of system, in prev. of governmental control 12855

***HEALTH PROGRAMS, NATIONAL*** *see* NATIONAL HEALTH PROGRAMS

**HEALTH RESORTS**
causes & prev. of air pollution (Ger) 36479
Châtel-Guyon in France, ther. of skin dis., indic. (Fr) 28491
combined ther. of hypertension, eff. on ECG (Rus) 54550
hyg. testing of daily food ration in resort (Rus) 33642
in Germany, role in rehabil. (Ger) 13380
Karlovy Vary, hist. 31787
Virginia Springs, eff. of epidemic dis. upon rise & decline of business 10440

**HEARING**
*see also* PITCH DISCRIMINATION
audiol., annotated list of films 18099
audition of subjective sounds (Fr) 26831
auditory analog of visual reversible figure 798
auditory field, limits in humans (Ger) 25332
auditory masking, eff. on oral reading rate 5813
aural location of sound, relation to recording of time differences in brain-stem (Ger) 35301
conservation data, central respository for U.S. Air Force 55884
conservation in indust. (Fr) 41147
conservation in indust. in New York 12229
conservation in indust. in Wisconsin 12232
conservation plan for school child. in Kansas 50684
cumulative eff. of repeated fatigue-producing stimuli on threshold recovery time 28658
correlation between perception of vibrations & hearing (Ger) 23026
delayed auditory feedback 26134
discrimination of loudness in persons with voice disord. 18091
eff. of acoustic stimulation on dark adaptation threshold in normal eye (It) 25968
eff. of air pressure in external & middle ear on hearing (Fr) 54019
eff. of benzene hexachloride pois. on acoustic sensitivity of poikilothermals (Ger) 46576
eff. of delayed auditory feedback on repetition of speech sounds in normal subjects 18092
eff. of electric shock ther. (It) 54279
eff. of hyperventilation in aviators on auditory acuity 16868
eff. of hypoxia in aviators (Ger) 22637
eff. of partial section of corpus callosum on differentiation from visual & tactile stimuli in dogs (Rus) 15758
eff. of switching transients on thresholds for pure tones 5827
eff. of various auditory stimuli on magnitude of galvanic skin resist. reflex 28660
eff. of visual luminal stimulation (It) 2959
eff. of x-ray sublethal dose in guinea pigs (Rus) 6646
extracranial responses to acoustic clicks in man 21722
in Aedes aegypti (Ger) 11269
in Aedes aegypti, aural directional orientation 11268
laboratory research 5822
loudness discrimination, relation to pitch discrimination 5056
loudness judgments, eff. of stimulus spacing 5058
lowering of auditory threshold produced by light signal occurring after threshold stimulus 19643
nature of higher tones of hearing in foundry workers, relation to pneumatization of mastoid process (Pol) 30308
noise causing temporary auditory threshold shift 13289
of blind persons training with guide dogs 5847
suppression of acoustic input by thalamic stimulation 44149
twin reactions to audiovisual stimulations, identicalness (Fr) 36148
zone of unpleasure, differentiation from pain threshold & dependence on autonomic tonus (Ger) 47662

**HEARING AIDS**
comparison of monaural & binaural hearing aids for listening to speech 11739
efficiency & adaptation of wearer (Ger) 55391
evaluation (Fr) 23003
evaluation of hearing response curves (Fr) 36153
exam. of value in Swedish county (Sw) 10184
indic. 25310
indic. & use (Por) 53837
results in profoundly deaf child. 25317
use by pub. school child., statist. 120
with transistors (Dut) 19722

**HEARING DISORDERS**
*see also* DEAF-MUTISM
*see also* TINNITUS
conduction disord., diag. & ther. (Sp) 21206
diag. & ther. (Dan) 16580
diag. & ther. in GP 51588
occup. (Sp) 31207
occup. deafness in boiler makers, relation to presbycusis (It) 30354
occup. hearing loss 33031
prev. & ther. 35308
research, review 47539
sudden deafness (Fr) 25895
train. of tactile-vibratory sensitivity in deafness (Rus) 10755
workmen's compensation legislation in New York concerning occup. hearing loss 12228

***blood in***
vitamin B in acoustic trauma & hearing fatigue (Ger) 10913

***case reports***
Cockayne synd. of nanism, retinitis pigmentosa & deafness, 1st case in France (Fr) 45005
Cogan synd. 33030
Cogan synd. (Ger) 30961
diplacusis (Fr) 31927
hypacusia in blind persons (It) 25960

***complications***
orienting reflex disord. 5811

***etiology and pathogenesis***
abnorm. of incus, case reports 123
acoustic nerve hypesthesia caused by arachnitis (Hun) 4133
air travel (Ger) 43639
bone dysplasias & craniofacial dysmorphoses (Fr) 47467
by neomycin (Ger) 7105
central deafness caused by closed cranial inj., diag. tests (It) 42757
cervical spine inj. (Fr) 31094
cervical spine inj. causing progressive sound perception deafness, expert testimony (Ger) 3849
cochlear deafness in liver dis. patients (It) 30343
eustachian stenosis in Cseteu's synd. with malocclusion, audioprosth. management 11721
facial bone inj. (It) 39688
inadequate ther. of otitis media 22470
labyrinth overstimulation inj., funct. changes 13288
mercury pois. (Rus) 10760
multiple sclerosis in etiol. of sudden bilateral deafness (Ger) 19763
neuritis, vasc. accid. & autonomic NS dysfunct. causing sudden deafness (Ger) 21596
noise, expert testimony (Ger) 49035
49044
ototoxic drugs 41044
paracusis willisiana 35303
retinitis pigmentosa (Fr) 13064
retinitis pigmentosa (Ger) 28656
retinitis pigmentosa & vestibulo-cerebellar ataxia, clin. & genetic study 23718
streptomycin (Ger) 43040
sudden deafness caused by neurofibroma of cerebellopontile angle 46477


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

sudden deafness due to virus infect. 34939

sudden deafness of neuro-vaso-motor origin (Fr) 13082

tapeto-retinal degen. (Fr) 54022

temporomandibular dis., review (Pol) 30320

unilateral deafness caused by sero-mucinous catarrh of middle ear 28475

x-ray determ. of time of origin, expert testimony (Ger) 19373

***heredity***

familial deafness with non-endemic goitrous cretinism, correlation with protein-bound iodine blood levels 35326

laboratory detection of heterozygotes of deafness, Békésy-audiometric exam. of parents with child. deaf from birth 35297

***history***

research & researchers in 19th & 20th centuries (Sp) 6616

***in aged***

causes other than normal aging process 17288

presbycusis, apparative correction (Ger) 22781

presbycusis, causes (Ger) 35344

presbycusis, ther., procaine-vitamin B complex-vitamin C prep. (Ger) 18920

***in infant and child***

8561
14234

congen. deafness 6545

congen. deafness caused by maternal toxoplasmosis 11731

congen. deafness, diag. & ther. 17636

congen., with ment. defic. & retinitis pigmentosa, hered. aspects (Pol) 30329

deafness following maternal rubella, statist. 41830

deafness for high tones, diag. & prev. of progressive hearing loss 25511

deafness in young child. (Fr) 51504

educ., parents' role with young deaf child. 23457

eff. on language & speech (Sp) 21095

eff. on language develop., statist. analysis 35342

eff. on soc. develop. & scholastic progr. (Fr) 9072

etiol. & educ. status in child., in Denmark, statist. 35336

in cleidocranial dysostosis 41059

in ment. retarded child. & adults 24464

in preschool-age child. (Fr) 38798

neurol. assessment 1192

participation of child. with hearing disord. in community recreation & camping programs 18097

preschool child., differ. diag. from ment. defic. (Cz) 14868

prev. 1478

prev., hearing test program in Arkansas schools 16854

regular exam. & special schooling of Finnish school child. (Fin) 10071

surg. (Fr) 25480

surg., indic. & progn. (Fr) 15199

***in pregnancy***

conductive deafness with facial nerve paralysis & absence of vestibular response, case report 11741

***physiology***

nonauditory eff. of high intensity sound stimulation on deaf human subjects 55895

***prevention and control***

community hearing serv. 39297

in Denmark, hearing clinics & serv. (Dan) 10625

***psychology***

42134

anxiety & other psychol. manifest. in deaf patient with other sensory deficits 47183

communication with acoustically handicapped 51120

***surgery***

(Ger) 6651

anesth., 1, 1, 1-trifluoro-2-bromo-2-chlorethane & N-phenacyl homatropine 54437

in conduction deafness of inflamm. origin, methods, hist. & progr. (Ger) 23025

new technics 14698

progr. (Ger) 42256

***therapy***

care of deaf in Sweden (Ger) 42257

cortisone in labyrinthine deafness (Fr) 36159

hearing therapists, appraisal form for rating therapists 18098

inplacen (Ger) 3956

method & German-language material for aural train. with a hearing aid (Ger) 23028

mixture of heparin & heparin-like substances in middle ear deafness (Ger) 27746

principles & possibilities 30930

rehabil., procedure & statist. in Denmark (Ger) 34191

vitamin A & E prep. (Ger) 53257

## HEARING TESTS

adaptation determ., new methods (Ger) 27736

after myringostapedopexy (Ger) 49821

angular flexed pure tone audiogram, clin. significance (Ger) 49826

appar. for binaural hearing testing (Rus) 10775

audiometric findings in pilots with cranial inj. (It) 19201

audiometric tests in woolen mill workers 30205

audiometric tests of blind persons (It) 25960

audiometry (Dan) 22401

22421

audiometry, develop. 5377

audiometry, frequency & amplitude modulation 119

audiometry in aviators (Rus) 10894

audiometry in aviators, lysis of audiometric curves in determ. of severity of hearing disord. (Fr) 51493

audiometry in child. before & after tympanoplasty for otitis media (Rus) 45728

audiometry in child., problems (Fr) 10407

audiometry in child., value of modern methods (Ger) 19009

audiometry in child., with psychogalvanic reflex determ., role of light stimulation (Ger) 36445

audiometry in chronic otitis media, value in tympanoplasty 36264

audiometry in hered. deafness, Békésy-audiometric exam. of parents with child. deaf from birth 35297

audiometry in otoneuroretinal abiotrophy, EEG correlation (Fr) 31926

audiometry in swimming-pool employees in Stockholm elementary schools (Sw) 52708

audiometry, lysis of audiometric curves in determ. of severity of disord. in aviators (Fr) 51493

audiometry, pure tone, masking mechanisms, use & limitations 41067

audiometry, qualitative measurement of band discrimination in 3 equivalent sections of tone scale, value in hearing aid fitting 35324

audiometry, review (Por) 31808

audiometry, use in indust., value & methods (It) 51650

auditory sensitivity determ. with the aid of an acoustic sound (Rus) 55218

auditory threshold measurements in child., electrophysiol. technic 18483

automatic audiometry in measurement of recruitment 23448

basic tests, evaluation 115

correlation of filtered, band-limited white noise & speech reception threshold 121

deafness disability evaluation (Sp) 31305

determ. of degrees & classif. of deaf & deaf-mutes (Fr) 13073

differential intensity sensitivity test 46486

directional hearing determ. for various ages (Ger) 46152

directional sound orientation tests (Rus) 10759

ECG test, auro-cardiac conditioned reflex technic (Rus) 10756

electrocerebral audiometry 5838

electrodermal reflex in simulated & exaggerated deafness in disability evaluation (Fr) 31258

electrodermal response technic, eff. of tonal intensity on amplitude & latency under 2 tone-shock intervals 5841

electrodermal response technic in sidetone test for auditory malingering 5851

electrodermal response technic, instrumentation, spontaneous response & threshold definition 5842

electrodermal response technic, validity 5849

excessive threshold adaptation tests 11736

group audiometry in indust. med. (Ger) 23047

in military armored units in U. S. 28664

in indust. 12231

in school child. (Fr) 9078

inverse bone conduction, exper. study & clin. evaluation 36272

masking level for use in air & bone conduction measurements 1182

mass screening of school child. in Norway 35319

measurement of auditory re-adaptation, appar. & technic (Ger) 23027

methods for determ. of percentage hearing loss & decreased earning capacity (Ger) 46151

mobile audiol. testing unit, construction & operation 18100

new methods for determ. of adaptation (Ger) 27738

objective speech audiometry in nonorganic hearing loss 46487

objective tests, develop. (Ger) 49822

peep-show audiometry for young child., determ. of normal acuity 30529

picture audiometry in child. (Nor) 22245

Pohl tube test in direction audiometry (Ger) 30587

progr. 6226

psychogalvanic skin response in audiometry in cerebral palsy in child. 13277

puretone & speech audiometric tests for monaural deafness 35306

rapid simple technic for detection of nonorganic hearing loss 23458

recruitment, evaluation by measurement of retraction grade of tympanic membrane 35305

recruitment testing, comparison of new & older methods 35318

review 11720

simple tests for very young & mentally retarded child. 14223

speech audiometry, spectrographic study of single sounds & test words 35295

systematic tests in Swiss schools (Ger) 53253

threshold audiometry in candidate pilots & flying personnel of commercial airplanes 12032

Weber's test & eff. of air pressure in external & middle ear on hearing (Fr) 54019

Weber's test, lateralization of bone conduction hearing (Ger) 25339

Weber's test, mechanism (Fr) 53250

whispered voice audiometry, spectrographic studies of single sounds & test words 35307

## HEART

***see also*** **BALLISTOCARDIOGRAPHY**

***see also*** **CARDIAC MURMURS AND SOUNDS**

***see also*** **CATHETERIZATION, CARDIAC**

***see also*** **ELECTROCARDIOGRAPHY**

***see also*** **ENDOCARDIUM**

***see also*** **MYOCARDIUM**

***see also*** **PERICARDIUM**

***see also*** **VECTORCARDIOGRAPHY**

anat. & physiol. principles of direct intracavitary exam. in exper. animals, review (Fr) 18834

direct left heart puncture, method 50713

electrokymographic delineation of lower limit of heart in man (Cz) 2737

morphol. & ECG characteristics 34335

specific antigens in chick in embryonic & postnatal develop. (Rus) 1757

***abnormalities see*** **CARDIOVASCULAR DEFECTS, CONGENITAL**

***anatomy and histology***

atrioventric. connections, in various ruminants & Tilopoda (It) 47797

intracardium in Carnivora (It) 47792

orientation of heart & post-mortem appearance of its chambers in adult 14028

surg. anat. 46855

***aneurysm***

(Bul) 41565

cardiac wall, diag. (Ger) 19006

caused by Micrococcus progenes var. aureus septicemia in 10-year-old girl, case report (Fr) 18613

in myocardial infarct, case report of unusually large ventric. aneurysm 497

in myocardial infarct, early develop. & long duration of massive ventric. aneurysm 498

incidence & postmortem pathol. 31795

ventric. aneurysm, cardiac auscultatory findings 14986

***artificial***

autogenous lung oxygenation during cardiac bypass, exper. studies & clin. application in aortic valve surg. 489

autogenous oxygenation 54673

blood pressure, ECG & pulse registration in dogs (Rus) 3405

buble oxygenator, low oxygen flow rates in dogs 39937

cardiac by-pass, simple automatic method of blood volume control 46508

cardiac bypass with hypothermia in open heart surg., eff. on blood coagulation, fibrinolysis & production of circ. anticoagulant 18118

cardiac bypass without artif. oxygenation, appar. & technic 18114

cardiopulm. bypass during surg. for atrial septal defect causing right coronary artery obstruct. with acute myocardial inj. 24333

cardiopulm. bypass, eff. on EEG in animals 8283

cardiopulm. bypass, eff. on pulm. artery pressure 18126

cardiopulm. bypass, hemodynamic mechanisms of maintenance of relatively constant blood volume 23013

cardiopulm. bypass in surg. of congen. cardiac defects, technic of monitoring & control of blood oxygen tension & pH during total body perfusion 18115

cardiopulm. bypass, physiol. eff. 8281

cardiopulm. bypass with hypothermia in open heart surg. in dogs 54691

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

cardiopulm. bypass with induced cardiac arrest in open heart surg., eff. of intracardiac pressure on lungs & myocardial funct. during total body perfusion in dogs 18119

closed extracorporeal system for venoarterial pumping without oxygenation in dogs 54694

Clowes oxygenator, determ. of oxygen & carbon dioxide diffusion through teflon membranes 23490

coronary air embolism during open heart surg. on left heart, exper. induction & prev. (Fr) 43983

DeWall-Lillehei bubble oxygenator, postop. cerebral damage in dogs 16080

Dewall-Lillehei heart-lung machine in exper. surg. 50990

DeWall-Lillehei oxygenator, method of eliminating air bubbles 13709

DeWall-Lillehei pump oxygenator in dogs 16053

extracorporeal circ. 8280 14654 28648 37723 54918

extracorporeal circ. (Ger) 29121

extracorporeal circ. (Sp) 39133

extracorporeal circ., anesth. 8282

extracorporeal circ., anesth. & hypothermia 12965

extracorporeal circ. appar. with high oxygen pressure (It) 25536

extracorporeal circ., biochem. blood changes in dogs (Rus) 3406

extracorporeal circ., bubble-oxygenator type of artif. heart-lung (Fr) 26890

extracorporeal circ., disposable screen oxygenator 36325

extracorporeal circ., eff. of arterenol on blood pressure & venous return 22014

extracorporeal circ., eff. on brain blood supply, metab. & volume 18117

extracorporeal circ., hematol. problems 24979

extracorporeal circ., hemolytic factors (Fr) 51373

extracorporeal circ. in dogs 2859

extracorporeal circ. in dog, survival data (Fr) 35053

extracorporeal circ. in exper. open heart surg. (Fr) 45540

extracorporeal circ. in open heart surg. (Dut) 19730

extracorporeal circ. in open heart surg. (It) 42491

extracorporeal circ. in open heart surg. (Por) 28087

extra-corporeal circ. in open heart surg., clin. & exper. applications (Fr) 10669

extracorporeal circ. in open heart surg., comparison of occlusive & nonocclusive pumps, flow-metering method for clin. use 18113

extracorporeal circ. in open heart surg., eff. on blood electrolytes 12306

extracorporeal circ. in open surg. (Fr) 29045

extra-corporeal circ. in rapid & prolonged induction of regional hypothermia in dogs (Fr) 26741

extracorporeal circ. in thoracic aortic aneurysm surg. 2437

extracorporeal circ., maintenance of organ funct. & metab. (Ger) 29048

extracorporeal circ., modified appliance (Pol) 20447

extracorporeal circ., oxygen exchange 22215

extracorporeal circ., postop. bleeding 37994

extracorporeal circ., rotating disc oxygenator 54690

extracorporeal circ., tox. of antifoam A in dogs 46513

extracorporeal circ. using blood heat exchanger 22011

extracorporeal circ. with citrated blood causing changes in ionized calcium (Fr) 53996

extracorporeal circ. with hypothermia, eff. on blood coagulation & fibrinolysis (Ger) 41754

extracorporeal circ. with hypothermia in open heart surg., rapid induction & correction of hypothermia by blood heat exchanger appar. 18116

extracorporeal circ. with modified heart-lung appar. in dogs causing thrombopenia & severe antihemophilic factor defic. 22221

extracorporeal circ. with previously exposed ductus arteriosus 20811

extracorporeal circ., with total cardiopulm. bypass, survival rate & metab. acidosis in dogs 1220

extracorporeal oxygenator system with hypothermia in open heart surg. in dogs 10119

Gibbon-type pump-oxygenator, eff. of total body perfusion using on blood flow, venous blood oxygen, blood pressure & peripheral resist. 47329

heart-lung appar. 6254

heart-lung appar. (Fr) 54839

heart-lung appar., biol. problems (Fr) 54036

heart-lung appar., Crafoord-Senning model (Ger) 29110

heart-lung appar., design & surg. results (Fr) 36670

heart-lung appar., eff. of minute volume changes on perfusion of vital organs (Ger) 29111

heart-lung appar. for open-heart surg., types (Fr) 22147

heart-lung appar. in open heart surg. 857

heart-lung appar. in open heart surg. (Ger) 13071

heart-lung appar. in open heart surg., preop. & postop. care 2645

heart-lung appar. in open heart surg., technics (Bul) 28772

heart-lung appar. in surg. in cardiovasc. defects (Ger) 29042

heart-lung appar., safety devices for prev. of overfilling of pulm. vasc. bed 2942

heart-lung appar., Stockholm , model, in open heart surg. (Ger) 29044

heart-lung appar., Tübingen model (Ger) 29051

heart-lung appar. with artif. alveolar membrane (Ger) 29046

heart-lung appar. with artif. pulm. membrane, design & operation (Fr) 48845

heart-lung appar. with artif. pulm. membrane of Andre Thomas 9012

heart-lung appar. with dispersion oxygenator (Ger) 22192

heart-lung by-pass circ., eff. on bleeding time in dogs 12562

hist. & basic principles of operation 14791

pressure membrane oxygenator 51162

pump-oxygenator, autoclavable stationary screen oxygenator with filmer

pump-oxygenator driven by compressed air (Ger) 30515

pump oxygenator, eff. of rate of blood flow during perfusion on physiol. responses & mortal. in dogs 36326

pump. oxygenator, exper. & clin. comparison of bubble dispersion & stationary screen types 22071

pump-oxygenator in exper. heart surg. in dogs, progn. value of ocular 5877

pump oxygenator in open heart surg., statist. 35921

pump-oxygenator in surg. of mitral insuff. 486

pump-oxygenator using polyethylene membranes 8480

pump-oxygenator with heparin perfusion in open heart surg. 54529

rotating disc oxygenator with convoluted discs to increase oxygenating capacity 5883

rotating drum film oxygenator 10144

single-pump bubble oxygenator 18359

single use disposable disc oxygenator for open heart surg. 12822

with induced cardiac arrest by potassium citrate in congen. & acquired dis. 3370

with induced cardiac arrest in open heart surg. 2434

***blood supply see*** **CORONARY VESSELS**

***cysts***

congen. epicardial cyst, postmortem pathol. 17907

***diverticula***

case in child (Hun) 35765

congen. of left ventricle 48150

***effect of drugs on***

acetazolamide, direct eff. on isolated frog hearts & on isolated mammalian auricles 36571

acetylcholine & nicotine, antag. eff. in isolated frog hearts

acetylcholine, depressant eff. on idioventric. pacemaker of isolated perfused rabbit heart 48230

acetylcholine on action potential of auric. & sinus fibers in dogs & rabbits (Ger) 30513

acetylcholine on auricle of rats, dogs, cats & guinea pigs pretreated with sparteine & quinidine (Ger)

acetylcholine on isolated heart in frog, eff. of cold on reactivity (Cz) 38223

acetylcholine on single fibers of atrioventric. node 48721

acetylcholine stimulation of isolated rabbit auricle 14131

adrenal cortex extracts in adrenalectomized sensitized rats 49261

angiotonin synthetic cpds. on isolated rabbit heart, comparison with various vasoconstrictors (Fr) 36573

arterenol & epinephrine on rate in conscious dogs, comparison with conscious humans & anesthetized animals 20913

Aspidium extract & flavaspidic acid on isolated mammalian heart musc. prep., comparison of suspensions & N-methylglucamine salts 24847

Aspidium extract & flavaspidic acid N-methylglucamine salts on isolated mammalian heart musc. prep. 24846

ATP, inotropic eff. on isolated mammalian hearts (It) 37416

ATP on isolated frog heart, correlation between ECG & mechanogram (It) 37417

ATP, on restitution of membrane potential of calcium-induced paralysis of frog heart (Ger) 30533

atropine on heart-rate, indic. & contraindic. for use in anesth. 41857

bicarbonates, carbon dioxide & pH on performance of isolated perfused guinea pig hearts 12556

blood protein fraction from humans with essential hypertension, cardiotonic eff. on isolated frog heart 14999

brain ganglioside on heart of clam 52376

caffein on metab. of normal & anoxic myocardium (Han) 41609

caffeine on metab. of normal & hypoxic myocardium in rats 24023

calcium & strophanthin, inotropic eff. on cation transport in myocardium of rats (Ger) 30530

calcium antag. with sodium, application to mode of activation of contractile system 17978

cardiac glycosides on normal humans during rest & exercise 16825

3-chloroadenosine on isolated guinea pig heart 47732

chlorpromazine after direct inject. near ostia of coronary arteries in cat 49374

cholinesterase on isolated turtle heart during vagal stimulation with single & multiple shocks 35796

cobalt salts on normal humans & on patients with peripheral vasc. dis., ECG study (It) 36744

contrast medium sodium acetrizoate on heart rate response in carotid angiography in cats 35424

dichloro analogue of isoproterenol on mammalian heart, adrenergic block 17944

digitalis leaf prep., digitoxin, digoxin & ouabain, comparative actions on isolated right ventricle of guinea pig 41280

digitoxin & lanatoside C on myocardial morphol. in guinea pigs (Ger) 55542

2,4-dinitrophenol on ventric. action potential in frog (Fr) 15157

(2, 2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine (It) 26634

enzyme inhibitors on contractility & membrane potentials of rat atrium 48736

epinephrine on Purkinje fibers in sheep heart (Ger) 30502

glucose & insulin, on dynamic cycle in normal heart 28509

guanylic acid deriv. on hypertrophy due to musc. work in rats (Hun) 41625

α-heparin & other acidic mucopolysaccharides, on isolated frog heart (It) 13971

hydrocortisone on action of sodium on isolated rabbit auricles 42976

lactones, steroid & non-steroid, on funct. & potassium exchange in isolated perfused guinea pig ventricle 51074

liver extracts, cardioregulatory, use in surg. patients (It) 42628

magnesium on action of isolated rabbit heart before & after arterenol & epinephrine admin. 36555

mecamylamine on cardiac work & efficiency in dog 41035

ouabain during hypothermia in dogs 446

phosphate & steroids inducing myocardial necrosis in rats (Han) 41628

potassium citrate on auric. pouches of dogs 5875

purine & pyrimidine riboside on isolated strip of frog ventricle, positive inotropic eff. 14990

quinidine causing recur. complete asystole (It) 3881

quinidine-induced changes in conduction, ECG evaluation 440

quinidine on electrical activity of isolated guinea pig auricle, influence of variations in duration of diastole (It) 37420

quinidine on rabbit auricle, mechanism of action interpretated from intracellular potential records 14127

reserpine & veratramine, negative chronotropic eff. in dog heart depleted of catechol amines 17946

reserpine on isolated guinea pig atria (It) 37418

reserpine on response of isolated guinea pig atria to histamine, nicotine, serotonin & sympathomimetic amines (It) 37419

reserpine pretreatment on stimulation of accelerans nerve of dog 21688

strophanthin G, eff. of potassium 36986

sympathomimetics, cardiotonic actions in rats 48444

sympathomimetics on rate in heart-lung prep. from untreated & from reserpine-treated dogs 48233

thyronine, triiodothyronine & thyroxin on isolated frog heart, comparison 12492

3-(o-tolyl)-cyclohexanol causing suppression of myocardial contraction 50269

1, 1, 1-trifluoro-2-bromo-2-chloroethane sensitization of dog heart to action of epinephrine 960

venom of stonefish in rabbits 54409

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

***effects***

cardiopulm. bypass, temporary 41075

***embryology***

accessory atrioventric. musc. bundles in human heart 13933

chick embryo heart fibroblast cultures, differentiation of proliferating, surviving & deteriorating cultures by biochem. study 40069

hemosamine in embryonic tissue culture (It) 37349

morphogenesis in chick after resection of posterior region of its left side in chick (Fr) 26700

proliferation of chick embryo heart fibroblast in various media 27413

***extracts***

corhormon, adjuvant in ther. of heart dis. in child. (It) 6955

embryonal heart extract, peripheral vasodilating eff. (It) 16039

fractionation & properties of bovine extracts 49235

α-ketoglutaric dehydrogenase from hog heart, activity as catalyst for reversible oxidation of reduced coenzyme I by thioctic acid, reaction mechanisms 40565

purification of active fraction from bovine extracts 49236

ther. of arteriosclerosis (Ger) 30989

total extracts, eff. on exper. ventric. fibrill. in cows & horses (It) 42694

total extracts, ther. of congestive heart failure (Ger) 16970

***fistula***

aorticoventric., traum. surg. 35922

***foreign bodies***

bullet, surg. removal (Pol) 53153

diag. & surg., review (Ger) 27380

intravenous polyethylene catheter in child, successful removal 14667

***function tests***

cardioportal circ. time, determ. with radio-iodinated serum albumin & external scintillation counting, technic 35677

cardioresp. exam. in clin. practice (Fr) 46724

dynamocardiography, differences from ballistocardiography (Rus) 25914

efficiency measurement 46861

ergometric tests of heart beat frequency of child. & adolescents using hand-crank ergometer (Ger) 34092

in determ. of performance range in puberty (Ger) 34107

rheocardiography, auric. action (Ger) 22821

right ventric. overload during work in stiffectics, ECG comparison with normal subjects (It) 42231

stable cuvette of high sensitivity for indicator dilution curves 48151

step test, application to med. exam, in athletics (Fr) 185

x-ray & kymographic funct. tests (Ger) 35567

***in various diseases***

alcoholism, ECG study of changes 35171

anemia 4957

autonomic dystonia (Ger) 54318

funnel chest, surg. 24897

hemochromatosis, clin. pathol. conf. 37910

hypothyroidism & myxedema, review (Ger) 27384

kidney dis. 12354

malignant carcinoid synd., postmortem aspects 23968

myotonia atrophica, eff. of various drugs (Fin) 49211

periarteritis nodosa (Fr) 32035

progressive interstitial pulm. fibrosis 49184

pulm. emphysema, morphol. studied by x-rays & plastic models (It) 2501

pulm. emphysema, radioplastic findings (It) 53094

rheum. arthritis (Fr) 40460

54778

rheum. arthritis (Ger) 22897

scleroderma, funct., pathol. & ECG studies (It) 36758

thyroid dis. 48295

trichinosis, case report 30160

tuberc., pulm., ECG evaluation of right auric. overexertion (It) 8059

***innervation***

cholinesterase in nerves & conduction system, histochem. determ. (Rus) 37219

denerv. in dog, surg. anat. of supracardiac nerves (Cz) 9435

electron microscopy 15715

electron microscopy in rabbit & guinea pig 12261

sino-atrial node, inject. with procaine during surg. closure of auric. septal defect causing ECG changes (It) 29560

***neoplasms***

cases of primary cancer (Rus) 25750

celothelioma in fetus, review & case report (It) 21441

fibroma, intramural 11769

intracardiac polyp simulating mitral stenosis, case report 31796

lymphosarcoma, invasion from mediastinum (Rus) 33259

metastases from bladder (Rus) 25747

metastatic from pancreas tail, case report (Pol) 8101

metastatic synovioma, causing chaotic heart 12211

myocardial metastases from various sites, pathol. (Ger) 34444

myxoma, bilateral multicentric, histogen. 34944

myxoma of left atrium, differ. diag. from mitral stenosis by ultrasonic echography (Ger) 49066

myxoma of left auricle with left auric. & pulm. artery pressure tracings, case report 14043

myxoma, surg., technic 2157

occlusive polyp in right auricle causing pulm. hypertension, case report (Fr) 54043

primary, case reports (Pol) 30468

primary endocardial tumors, pathol. (Ger) 34443

rhabdomyosarcoma causing marked obstruct. of pulm. valve, case report 2366

right auric., removal in open heart surg. with hypothermia, case report 10307

sarcoma (Rus) 33258

sarcoma, case report (Ger) 55441

squamous cell carcinoma metastatic from skin of nose, case report 12685

***pathology***

bundle of His, selective coloring for postmortem histol. (Ger) 55644

diffuse lesions induced by combined arterenol-corticoid admin. in rat 46587

2α-methyl-9α-chlorohydrocortisone-induced necrosis, prev. by magnesium & potassium chloride 13001

position in ageing male rats, relation to lung dis. 27585

senile heart, eff. of adenylpyrophosphate ther. on lipoprotein lipase (It) 19165

***perforation***

during cardiac catheterization & selective angiocardiography 2894

***physiology***

adaptation to altitude (Cz) 38205

adrenergic & cholinergic influences on dynamic cycle of normal human heart 26508

amplitude changes of contractions as indications of relations of signaling systems (Ger) 20844

atrioventric. conduction mechanism 48726

auric. cellular potential, eff. of stimulation frequency & extrasystolic stimulation in rats (Ger) 30552

auriculo-ventric. & ventriculo-auric. propagation in dogs, mechanisms 738

auriculo-ventric. cycles in dogs, mechanisms 737

automatic rhythmical impulses, mechanism of form. in rabbit heart prep. (Ger) 43571

automatism in certain animal species, mechanisms 17322

AV node, action potential, eff. of acetylcholine & epinephrine in dog 22254

AV node, action potential in dog 22252

A-V node anesthetization, eff. on ventric. fibrill. after acute coronary artery occlusion in dogs 12554

AV node, electrical activity of single fibers 48720

beat & efficiency in maximal ergometric performances of untrained persons (Ger) 28045

beat & minute volume determ. in progressive phys. strain, ballistocardiography (Ger) 53083

beat dynamics (Hun) 43439

beat, eff. of hypothermia (Sp) 8861

beat, electronic cardiotachygraphy, device & technic for measurement of immediate & average frequency curves (Fr) 9513

blood temperature in right & left heart, relation to pulm. ventilation & cardiac activity in rabbits (Cz) 21572

cardiac hypersensitivity in exper. hypothermia in dogs (It) 6868

cardiac monitoring systems in anesth. 937

cardio-inhibitory center in brain, eff. of isopropyl methylfluorophosphate in dogs with vascularly isolated head 47743

cardiomotor substances in frog (Fr) 3101

comparative strength of left & right sides of heart (Ger) 26511

conduction velocity, comparison in various mammals in vitro 53700

contractile strength changes under various exper. cond., high energy phosphate content of myocardium 17942

contractility changes during immersion hypothermia in rabbits 12560

contractility, eff. of acute anoxia in dog 47139

contraction & relaxation of ventric. heart musc., eff of thyroid hormones & temperature in dogs 14342

contraction, appar. for registration in myocardial explants in vitro (Ger) 27840

contraction, eff. of changes in extracellular potassium levels on contractility of isolated frog hearts (Ilm) 41611

contraction-potentiation substance in heart musc. 752

contraction, sympath. & parasympath. mediation 2924

control mechanisms, review 53112

diastolic & resting potentials of ventric. musc. in frogs (Fr) 3126

diastolic potential changes, eff. of calcium, potassium, epinephrine, arterenol & tension in frog 28079

duration of phases of cardiac cycle, eff. of cardiac frequency (It) 49574

dynamics, eff. of alteration of venous pressure & peripheral resist. in perfused frog heart 28631

dynamics of right & left ventricles (Ger) 12056

eff. of acute hemorrh. on cardiac dynamics 495

eff. of anoxia & ischemia, review 25985

eff. of artif. hibernation in dogs, vectocardiography (It) 44321

eff. of cathode currents & hydrogen on frog heart, parasympathomimetic eff. (Ger) 35573

eff. of cold on isolated & on intact rabbit hearts 16026

eff. of complete exper. ischemia on electrical activity of isolated whole heart 14995

eff. of effort to myocardial oxygen consumption & coronary flow 3930

eff. of exclusion from circ. in hypothermia on brain ammonia & glutamine (Rus) 33569

eff. of exper. Coxsackie virus B1, B3, B4, & B5 infect. (It) 13987

eff. of hyperthermia on capacitance reserves of myocardium in heart-lung prep. in rats (Ger) 29915

eff. of hypothermia in mammals, review (Fr) 36688

eff. of hypothermia on cardia input in dogs 54718

eff. of increased residual volume, increased output resist. & acetylcholine & epinephrine on ventric. suction in turtle 48733

eff. of induced hypervolemia on funct. 50460

eff. of maximal ergometric performances of untrained subjects on heart beat 28045

eff. of oculomotor musc. surg. & oculocardiac reflex 670

eff. of selective angiocardiography 812

eff. of stretching of auricles on aldosterone secretion in dogs 49359

eff. of surg. in traum. arteriovenous fistula (Rus) 18249

eff. of temperature on inotropic vagus eff. of isolated rabbit auric. (Ger) 30582

eff. of tropical weather on output of volume, work & power by right & left ventricles of man at rest in bed 46870

eff. of ultrasonics in frogs (Rus) 30202

eff. of vagal stimulation on temperature change in blood in heart & sagittal sinuses (Cz) 21580

effective filling pressure of left & right ventricle, simultaneous determ. in dogs (Ger) 30581

electric potentials & ECG of thyroidectomized rats during hypothermia (Fr) 49865

electrical stimulation, hazards for ventric. fibrill. (Fr) 2364

electrophysiol. 48858

esophagoatriograms of normal subjects, correlation with phonocardiography (It) 3984

excitability of normally beating heart 35794

fluid transport without filling pressure in isolated frog heart, diastolic mechanism (Ger) 55449

heart beat frequency, eff. of work performance (Ger) 23019

heart-lung prep., eff. of carbon tetrachloride - 1,2-dichloroethane prep. (It) 27467

heart-lung prep. in dog, cat & rabbit, eff. of serotonin (It) 37407

heart-lung prep. in rabbits, hemodynamic & ECG eff. of exper. pois. by carbon tetrachloride with 1,2-dichloroethane (It) 37437

heart-lung prep. of dog, arterenol content depletion by reserpine, correlation with heart rate & pressure 41286

heart-lung prep. of dogs, denervated, eff. of human blood (Hun) 28796

heart-lung prep. of dog, eff. of Rauwolfia alkaloids on heart rate & A-V transm. in 41284

heart-lung prep. with artif. pulm. membrane of J. André Thomas (Fr) 40651

immunol. reactivity in isolated heart (Hun) 9249

in bronchopulm. dis. caused by abnorm. (It) 1537

isotropic action of vagus stimulation on isolated rabbit auricle (Ger) 43575

isotropic mechanisms in cat & rabbit papillary musc. prep. 50568

isotropic vagus eff. of carp auricle in various impulse frequencies (Ger) 30583

intracardiac measurement of blood gases during systole (Fr) 3303

intracardiac pressures after exper. ligation of aorta & pulm. artery in dogs (Ger) 54927

intracardiac technic for inject. & bleeding of newborn mice & rats 31416

intracardial pressure, electrical manometer for determ. (Ger) 22947

left ventric. contraction in hypertension, eff. of extracardiac factors (Ger) 38100

left ventric. pressure in acute exper. coronary occlusion in dogs 26498

oculo-cardiac reflex, registration appar. (Rus) 49544

output after admin. of chemoreceptor-stimulating drugs in cats 48222

output & central blood volume in normal humans correlation (Ger) 55540

output & minute volume in resting phase after progressive phys. stress (Ger) 28043

output & oxygen utilization, eff. of cigarette smoke in dogs 5740

output determ. by dilution method & by radioiodine-labeled serum albumin method, comparison (It) 29717

output determ. by dilution method without arterial sampling, analytical concepts 38492

output determ. by dilution method without arterial sampling, validation of precordial recording 38493

output, determ. by dye-dilution methods (It) 3857

output, determ. by electronic technic 33006

output determ. by inject. method without arterial sampling 12205

output, determ., continued registration of Evans blue in blood by photometric method (Fr) 23648

output, determ., exponential method in determ. of partial pressure of carbon dioxide in mixed venous blood 4653

output determ., relative eff. of heart chambers, lungs & mitral insuff. on shape of indicator dilution curves in dogs 48738

output determ., technics 14565

output during inhalation anesth., eff. of mean endotracheal pressure 1248

output during mild musc. exercise in normals & in congestive heart failure patients 17068

output, eff. of arterenol, epinephrine, lactic acid & sodium lactate on rabbits 314

output, eff. of exper. hypothermia in dogs (Ger) 30490

output, eff. of exper. tachycardia in intact dogs 4873

output, eff. of total medullary spinal anesth. in dogs (Fr) 9021

output, estimation with radiorubidium in dogs 17573

output, factors affecting indicator dilution curves in presence & absence of valvular incompetence 50461

output in cat 30650

output in dog, degree of variability 47137

output in early phase of exper. blast inj. in rabbits 757

output in mitral stenosis in relation to x-ray aspects of pulm. vasculature 35636

output, measurement by dye inject. technic 32259

output, new method for continuous measurement 13448

output, normal variations, regulation & eff. of various cardiovasc. dis. (Fr) 54162

output per beat & per minute in man at rest, eff. of heat (Pol) 30753

output, relation to apparent diffusing capacity of lung in normal men during treadmill exercise 4660

oxygen consumption of hypothermic potassium-arrested heart in open-chest dogs 31307

parasystole, mechanism (Fr) 36675

perfusion of isolated mammalian heart at constant flow rate, appar. & technic (It) 37415

periodic activity in frog heart prep. induced by continuous stimulation of bulbar vagus center (Ger) 24031

plateau form. in toad ventric. musc. fibers, relation to sulfhydryl groups in plasma membrane 52300

post mortem survival of excitability, energy prod. & energy utilization of heart 14970

33057

potassium loss from isolated rabbit auricles 51115

potential measurement in chick embryo hearts in tissue culture, technic 6117

potential measurement in freely moving rat 78

prep. of functioning frog's heart devoid of ventric. glycogen 20787

prolonged automatic contraction of isolated open dogfish heart (Fr) 3084

prolonged preserv. of contraction of isolated rat heart in normal sinus rhythm (Fr) 15071

rate & ECG activity, eff. of exper. hypothermia in rats 15004

rate & minute volume in humans, eff. of radiant heat (Ger) 43574

rate & output in rats exposed to cold (Fr) 26739

rate drop in cats after increasing pressure in pulm. artery 5785

rate, eff. of anoxia in young rats exposed to heat (Cz) 38199

rate, eff. of artif. control on incidence of ventric. fibrill. in hypothermia in dogs 12561

rate, eff. of exposure of rats to high oxygen pressure 5795

rate, eff. of positive pressure breathing (Fr) 51491

rate, eff. of some resp. maneuvers 51090

rate, eff. of stimulation of carotid body chemoreceptors, in dogs 28623

rate, one-stage optic orthochronograph (Cz) 38220

rate, recording on portable appar. 16844

rate, role in adaptation of heart action to varying body needs (Ger) 12055

reactions of impulse centers to cooling in isolated rabbit heart (Ger) 3481

reflex control of stroke work in dogs 28639

regulation of cationic balance between myocardial cells & surrounding liquids in isolated frog heart (Hun) 41632

regulation of equilibrium of ions between cells & surrounding fluids in isolated frog heart (Ger) 30529

relations of ventricle gradients to stroke volumes (Ger) 11255

relation to ballistocardiography 24356

release of autacoidic mediators by isolated heart musc. during suprathreshold stimulation 54413

rhythm, continuous registration with pneumatic orthochronography (Fr) 26830

rhythm, eff. of exercise & heat on nycthemeral variations (Fr) 28834

rhythm, eff. of intensification of thoracic aspiration in dogs (Fr) 26871

right auric. pressure, relation to pulm. capillary pressure curves in mitral insuff. in dog with closed thorax (Fr) 26497

right heart blood temperature, eff. of exper. pooling of blood in lower limbs in man 44886

simultaneous measurement of filling pressure of both ventricles in natural blood circ. in dogs (Ger) 6069

strength of cardiac conditioned responses with varying unconditioned stimulus durations 8421

stroke volume, ballistocardiography 24346

surface pattern of ventric. activation in guinea pigs, determ. by intracellular electrodes 12553

systole/diastole ratio, determ. & significance of variations (Fr) 36674

transient responses of stretch receptors in left atrium of dog 11551

transmembrane potentials of normal & hypothermic human heart 48737

ventric. coupling induced by anodal & cathodal polarization during continuous direct currents in dog ventricle 47141

ventric. diastolic suction, review 2915

ventric. stimulation with impulses that return from auricle 12490

ventric. volume measurement by biplane cinefluorography 38487

ventricle strip contraction & relaxation, eff. of chloride & nitrate solutions on activation energy 32355

volume changes at rest & during exercise 35178

volume determ., dilution technic after block of pulm. artery (Ger) 28945

volume in arteriosclerosis (Pol) 30824

volume in standing position in pilots & trainees of Swedish Air Force, relation to working capacity 29227

volume, incidence of premature deliveries among women with small heart volumes 27098

***radiography***

***see also*** ANGIOCARDIOGRAPHY

fluoroscopy, indic. 24336

heart x-ray silhouette in cardiac septal defects (Fr) 35028

indirect visualization by automatic radioisotope scanning system & representation on film 16347

inhalation radiocardiography 38037

levocardiography, retrograde, with left ventric. catheterization (Ger) 15963

opacification of left ventricle by femoral retrograde catheterization (Fr) 36689

precp., of auric. appendage, application to mitral commissurotomy (Sp) 8831

radiocardiography in cond. of musc. effort obtained by use of cycloergometer (It) 42738

radiocardiography, interpretation of recordings (It) 6951

roentgenokymography, eff. of exercise (Rus) 10801

ventriculography in selection of mitral valve dis. patients for surg. 35634

visualization of auric. appendix of right auricle, technic & diag. value (Sp) 8679

***rupture***

caused by metastasis of anaplastic carcinoma of maxillary sinus 14988

causing hemopericardium & cardiac tamponade 30173

***surgery***

***see also*** COMMISSUROTOMY

abdominothoracic approach for exposure of cardiac region (Hun) 18595

anesth. 20347

anesth. (Pol) 43629

atrial grafts for closure of exper. defects in dogs 46512

blood transaminase patterns after intracardiac surg. 54662

cardiopericardiopexy, revascularization with polymethyl methacrylate powder & nylon net (Hun) 18591

case reports (Hun) 10737

coronary & carotid perfusion, adjuvant to hypothermia in bloodless surg. of right heart (It) 6787

coronary artery perfusion with oxygenated whole blood in open heart surg. under hypothermia 3435

determ. of reactive capacity of peripheral pulm. vessels for estimation of risk (Ger) 29077

Digitalis leaf prep., digitoxin, digoxin & ouabain on isolated right ventricle of guinea pig, comparative action 41321

eff. on lactic acid dehydrogenase, glutamic oxalacetic transaminase & aldolase in blood (Ger) 23023

exper. intracardiac surg. at normal temperature 5155

exper. open heart surg. in hypothermia, controlled cardiac arrest (Pol) 20448

exper. open heart surg. in hypothermia in dogs, attempt on induction of cardiac arrest by inject of adenylic acid & acetylcholine mixtures in coronary arteries (Ger) 46588

exper., with prolonged hypothermia in cats (Rus) 53974

hemorrh. compl., role of massive transfusion 28139

hist. & contemporary aspects (It) 24950

hist., methods & progr. 20348

hypothermia, hemodynamic eff. of total circ. occlusion in dogs 54731

hypothermia in bilateral ventriculotomy & transpl. of aortic arch in dogs (Ger) 29041

hypothermia in open surg., limitations for resuscitation (Ger) 29040

hypothermia in open surg., pathophysiol. & indic. (Ger) 29038

in pregn. 642

indic. 6985

intracardiac surg. 54667

open heart surg. (Cz) 9432

open heart surg. (Ger) 29047

open heart surg., anesth. 14722

open heart surg., anesth. problems (Ger) 29043

open-heart surg., appar. & technics (Fr) 42506

open heart surg., approach to venae cavae for control of circ. (Por) 53864

open heart surg., electrical stimulator for use in (Fr) 43957

open heart surg., indic. & technics 38629

open heart surg., physiol. changes caused by total body perfusion 143

open heart surg., problems of internist (Ger) 55290

open heart surg., procurement & preservation of blood 22032

open heart surg. under hypothermia with & without arterial perfusion (Sp) 31017

open-heart surg. with artif. hypothermia & artif. hibernation, technic (Ger) 54929

open-heart surg. with cyclopropane or ether anesth., comparison of EEG patterns 34981

open heart surg. with hypothermia 487

open heart surg. with hypothermia, blood clotting deviations 41456

open-heart surg. with hypothermia, clin. evaluation (Ger) 47290

open heart surg. with hypothermia in dogs, review (Por) 44471

open-heart surg. with induced cardiac arrest, mode of action of inducing agents, indic. & contraindic. (Ger) 47291

open surg. causing ventric. fibrill., intracardial temperature determ. during defibrill. in dogs (Ger) 29050

open surg., compl. 54681

postop. physiother. 20349

pre- & postop. care in intracardiac surg. with artif. heart-lung appar. (Por) 42194

progr. (Fr) 20801

review 13304
50791

review (Cz) 26551

review (Sp) 31837

selection & evaluation of patients 27070

selection of cases 8128

selection of patients 910

significance of topography of coronary arteries 18130

technical equip. (Fr) 10218

with hypothermia complicated by prolonged ventric. fibrill., factors in recovery of patient 18137

*transplantation*

exper., homologous transpl. in dogs 40954

exper. transpl., progr. (Sp) 8926

pulsatile activity in total transpl. of heart in fetal mouse 47541

survival of transplanted fetal heart in mouse, determ. by pulsatile activity 10490

*wounds and injuries*

contusion (Icelandic) 41779

diag., early (Rus) 33209

diag., physiopathol. & surg. 14076

ECG in rats (Rus) 48035

gunshot inj. of cardiac area causing cardiac tamponade (Ger) 39631

gunshot wound of right ventricle & aorta, spontaneous develop. of hemopericardium preventing death by hemorrh. by impending inflow of blood in heart, significance for induced cardiac arrest (Ger) 12052

indirect, expert testimony (Ger) 49095

non-penetrating, review & case reports 2889

shotgun inj., relation to subacute bact. endocarditis with perforated aortic aneurysm (Ger) 25817

stab wds., surg. (Rus) 41529

stab wds., surg. aspects (Hun) 18590

surg. 5806

surg., indic. & technics 32725

surg., remote results (Rus) 54547

surg. tear of ventric. outflow tract during Brock technic for pulm. stenosis, management 5884

tamponade 19978

thoraco-cardiac inj. (It) 3914

## HEART BLOCK

A-V block caused by parasystole with tachycardiac ventric. rhythm (Rum) 6589

A-V dissociation, review 24343

AV dissociation with arrhythmia & hemodynamic disord. 9464

bundle branch block, complete & incomplete, ECG & histopathol. (Fr) 1462

bundle branch block, right ECG patterns in relation to pathogen. (It) 29559

bundle-branch, in myocardial infarct, manifest. & diag. (It) 3868

complete A-V block with idioventric. rhythm of Hisian origin, ECG (Por) 36890

complete right bundle branch block, ECG data with endocardial & precordial leads 438

incomplete right bundle branch block, ECG & morphol. (It) 6785

left bundle branch block, reversibility (Sp) 8832

right branch block (Ger) 21951

right bundle branch block (Fr) 10042

right bundle branch block, ECG & morphol. (It) 6784

transient bundle branch block (Pol) 53102

Wenckebach periods with dropped atrial beats 24341

*case reports*

Adams-Stokes synd. as sympt. of rheum. heart dis. (Fr) 2489

Adams-Stokes synd. in surg. of postgastrectomy dehiscence, cardiac arrest (Cz) 2738

Adams-Stokes synd. with transient ventric. standstill (Sp) 6601

AV block (Rus) 45187

A-V-block complete congen. & familial, in 4 members of same family (Rum) 6593

A-V block, complete, with malform. of conduction system 34991

AV block ECG (Sp) 43868

A-V block with persistent auric. flutter 581

bundle branch block of long duration with remission 48517

bundle branch, unstable (It) 42666

in immediate postpartum 7648

interauricular dissociation, with interauricular synchronization, replaced by interauric. block, terminol. (Sp) 44479

2nd degree block with Wenckebach phenomenon, occurrence over period of several years in young healthy adult 462

partial atrio-ventric. block & Adams-Stokes synd. with auric. fibrill., diag. 38098

total atrial block, ECG, double auric. rhythm without interference (Ger) 49136

Wolff-Parkinson-White synd., ECG & vectorcardiographic studies 48700

Wolff-Parkinson-White synd. of long duration (Rum) 6590

Wolff-Parkinson-White synd. with unusual develop. (Por) 42198

*complications*

with situs inversus (Fr) 36679

Wolff-Parkinson-White synd. in acute & chronic myocarditis (Ger) 26489

Wolff-Parkinson-White synd. in mitral valve insuff. with auric. fibrill. (Ger) 42405

*diagnosis*

bundle branch block, ECG 49190

ECG in left-sided heart block, behavior of U wave (Ger) 55545

cube vectorcardiogram in various degrees of right bundle branch block 24340

intracardiac ECG during catheterization, in various types of block (Fr) 7042

left bundle branch block, diag. by masking of concomitant Wolff-Parkinson-White synd. by intravenous procaine amide (Sp) 44497

long-distance telephone technic of transm. of ECG, heart & resp. sounds & other body funct. measurements 42836

sino-atrial, manifest. & ECG diag. 20559

Wolff-Parkinson-White synd., ECG, case report (Sp) 20652
20663

*differential diagnosis*

bundle branch block, differentiation of various types by vectorcardiography (Pol) 8086

*etiology and pathogenesis*

Adams-Stokes seizures with ventric. tachycardia & fibrill. caused by digitalis pois., intravenous potassium ther. 3919

A-V block caused by digitalis 500

A-V block with Adams-Stokes synd. caused by thoracic bullet wound (Fr) 47755

bundle branch, complete, in Chagas' dis., vector ECG analysis 452

Wenckebach block & complete AV dissoc. caused by digitalis & potassium 14958

Wolff-Parkinson-White synd. (Fr) 1468

Wolff-Parkinson-White synd. caused by attack of rheum. heart dis. (Fr) 36686

Wolff-Parkinson-White synd. caused by focal infect. (Ger) 22958

Wolff-Parkinson-White synd. in mumps (It) 42675

Wolff-Parkinson-White synd. in myocardial infarct 12213

Wolff-Parkinson-White synd., ventricular focus & perifocal zone (It) 49580

*experimental*

complete A-V block in dogs, relation between P-Q interval & systolic pressure in left ventricle 12559

control of ventric. contraction by radio receiver in dog's chest in exper. block 21697

importance of septal activation in electrogenesis of unipolar morphol. in bundle branch block, eff. of total extirpation of free ventric. wall 35627

monopolar ventric. stimulation for control of surgically produced heart block 22060

Wolff-Parkinson-White synd. in guinea pigs, induction by chronic enteine admin. (It) 20979

*heredity*

Wolff-Parkinson-White synd. with re-entry mechanism & concealed conduction, familial cases 48701

*in aged*

bundle branch block, clin. & ECG aspects & case reports 35962

bundle branch block with dextrocardia & myocardial infarct in 89-year old woman, ECG 24360

*in infant and child*

complete A-V block, case reports (Sp) 297

*in pregnancy*

complete A-V block, case report (It) 9413

*pathology*

Adams-Stokes synd. 31798

A-V block (Fr) 54446

*physiology*

Adams-Stokes synd. (Ger) 15295

ECG in atrial dissoc. 24334

ECG, in bilateral bundle-branch block (It) 15345

ECG, supernormal phase (Ger) 26487

intraventric. block, dynamics 1568

Wolff-Parkinson-White synd., interpretation of extrasystole 49579

Wolff-Parkinson-White synd., ventric. activation 2887

*statistics*

causes & survival times in cases of complete block 1140

*therapy*

Adams-Stokes synd. (Ger) 32966

Adams-Stokes synd., isoproternol. ther. 8075

Adams-Stokes synd., sodium lactate ther. (Dan) 45497

A-V block, adrenal cortex hormone ther., indic. & contraindic. in complete & partial forms (Sp) 15528

A-V block, artif. pacemaker with percutaneous insertion of myocardial electrode 27262

A-V block prednisone ther. (Por) 18826

Wolff-Parkinson-White synd., eff. of flavone-7-hydroxyethylacetate ther. on abnorm. repolarization, review (It) 49575

***HEART DISEASE, CONGENITAL*** *see* **CARDIOVASCULAR DEFECTS, CONGENITAL**

## HEART DISEASES

*see also* **ARRHYTHMIA**

*see also* **CARDIAC ENLARGEMENT**

*see also* **CARDIOVASCULAR DEFECTS, CONGENITAL**

*see also* **CONGESTIVE HEART FAILURE**

*see also* **CORONARY DISEASE**

*see also* **ENDOCARDITIS**

*see also* **MYOCARDITIS**

*see also* **NEUROCIRCULATORY ASTHENIA**

*see also* **PULMONARY HEART DISEASE**

*see also* **RHEUMATIC HEART DISEASE**

auric. & ventric. thrombosis (Sp) 32435

cardiac disability occurring at work, determ. of compensability 12270

cardiac erethism, clin. aspects, pathogen. & ther. (Rum) 44002

compensability 9266

diag. & surg. indic. (Fr) 31959

diag. & ther. at clinic in mountain region of No. Carolina 52815

eff. of competitive indust. activity on severely disabled cardiac patients 4457

employment of cardiacs 51121

employment of cardiac patients in Connecticut 27089

endomyocardial dis., primary 30415

in military personnel, evaluation for pensions, in Italy (It) 39695

in physicians, incidence, causes & prev. 16654

intra-auric. in mitral stenosis, commissurotomy (Rus) 10752

intra-auric. thrombosis in commissurotomy (Rus) 10734

organiz. of cardiac clinic in indust. 50760

premature myodegeneratio cordis, definition, diag. & ther. (Ger) 46117

selective placement of cardiacs in indust. 20511

*blood in*

adenylic acid system (Ger) 41736

cholesterol levels, comparison in various heart dis. (Fr) 21280

coagulation, thromboelastography (Fr) 53401

glutamic-oxalacetic transaminase activity, clin. significance (Ch) 38374

glutamic oxalacetic transaminase, diag. value 18440

hypoglycemia 50799

jugular & renal arterio-venous oxygen content difference during exercise 38619

transaminases (Fr) 53443

*case reports*

amyloidosis, primary (Sp) 53349

cardiac tamponade with acute hemorrhagic pericarditis, recovery after pericardiocentesis 54854

diffuse cardiosclerosis (Rus) 33262

myocardial infarct & aneurysm in 64-year-old man with pericarditis, coronary atherosclerosis & mural thrombosis, clin.pathol. conf. 3796

subendomyocardial fibrosis with idiopathic heart failure, in Africans 14787

*complications*

asthma, pathogen., differ. diag. & ther. 43698

causing military aircraft accid. 29225

cerebral hemorrh., statist. 20810

cyanosis of cardiopulm. origin, etiol. & differ. diag. 23387

dyspnea, etiol. mechanisms 53877

dyspnea, ther., felsol (It) 39508

hypertension, late manifest. (Ger) 11137

hyperthyroidism, radioiodine, diag. & ther. value 15266

indic. & management of electric shock ther. of cardiac patients 3189

liver cirrhosis, autopsy findings 49

ment. dis., radiol. (It) 32163

obesity, dietary & phenylpropanolamine ther. (Ger) 49877

obesity, review (Ger) 11139

paroxysmal tachycardia, supraventric., complicating organic heart dis. 13209



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

pulm. arteriopathy resembling cor pulmonale, in congen. & acquired heart dis. patients (It) 52088

pulm. edema, pathogen. & ther. (Fr) 43748

pulm. hemosiderosis (Fr) 43757

pulm. tuberc. (Fr) 43778

sudden death caused by echinococcosis, case report (Fr) 18614

sudden death, review 5297

venous thrombosis of abdom. veins (Sp) 1551

Vibrio fetus septicemia, fatal outcome by aggravation of preexisting cardiopathy (Fr) 37937

***diagnosis***

*see also* CARDIAC MURMURS AND SOUNDS

*see also* ELECTROCARDIOGRAPHY

comparison of new & old diag. technics 22291

gastrocardiac synd., x-ray kymography (Ger) 39361

glutamic-oxalacetic transaminase, determ. in blood, evaluation 35641

inspection & palpation of pulsations on front of chest, indic. 27086

kymography at rest & after exercise, comparison with healthy persons, review (Ger) 19024

mass photofluography (Ger) 38902

operable dis. (Dut) 13683

pallest hist., value & technics (Ger) 6686

x-ray in surg. dis. (Fr) 41405

***differential diagnosis***

differentiation of rheum. & septic heart dis. by L. E. cell test (Ger) 33895

hiatal hernia (Ger) 36109

hyperventilation synd. 12268

***etiology and pathogenesis***

ankylosing spondylitis causing carditis 14402

Asian influenza in Tennessee, statist. 18110

beriberi, diag. & case report 48488

cardiac tamponade secondary to aortic & heart tamponade 30173

cardiopathy of hered. spinal sclerosis (Fr) 37901

Chagas dis., ECG (Sp) 21033

exophthalmic goiter, Graves' dis. & nontoxic goiter 17595

hyperthyroidism 13256

hyperthyroidism (Fr) 9107

hyperthyroidism, diag. value of EKG & x-ray (Ger) 54321

ischemic heart dis., relation to eff. of dietary fats on blood lipids, review 14195

leukemia 48998

liver cirrhosis with chronic cardiomyopathy & transient hepatargy, case report 16083

myxedema (Fr) 31118

phys. inactivity in U.S. (Ger) 22793

resp. viral infect. 49984

thyroid dis., radioiodine tests (Cs) 2748

trypanosomiasis, So. Amer., x-ray manifest. (Sp) 8713

***experimental***

cardiac tamponade, eff. on hemodynamics (Ger) 39831

induction by heat stroke in rabbit, ECG (It) 15246

induction of infarct-like myocardial necrosis in monkeys by hydrocortisone & monobasic sodium phosphate, differentiation from true cardiac infarct 11616

overload of right ventricle by constriction of pulm. artery causing cardiogenic shock 54592

prev. in animals (Ger) 52203

So. Amer. trypanosomiasis, manifest. & diag. (Sp) 27207

streptoc. lesions in white rats (Rus) 25759

***in aged***

in Ireland, in elderly males 2116

incidence & physiopathol. (It) 39662

relation to aging of blood vessels (Sp) 8725

symptomatol. & diag. 50589

ther., oral amisometradine 40252

***in infant and child***

acquired neonatal dis. 30416

in elementary school child. in Bari, Italy (It) 31738

management in school health programs (Ger) 49071

ther., adjuvant corhormon (It) 6955

ther., digitalis & acetyl-digitoxin (Ger) 26510

ther., digoxin 445

***in pregnancy***

2983

(Sp) 8835

35971

cardiotrophother. (It) 53681

conservative management 16393

obst. management (It) 6896

statist. 42124

statist. in Malaya 18772

ther. abortion, eff. of surg. progr. on frequency (Ger) 6729

ther. abortion, indic. (Heb) 37779

***manifestations***

hemoptysis 28497

pain of cardiac origin, differ. diag. & pathogen., review 29270

x-ray & ECG manifest. of suspended heart synd. 6179

***metabolism***

eff. of asympt. heart dis. on anaerobic metab. during mild musc. exercise 17069

electrolyte content of skin (It) 19234

rubidium, uptake of radiorubidium by heart, liver & skeletal musc., significance in studying potassium uptake 16348

***pathology***

coronary vessel plastic cast studies in cases of sudden death in cardiacs (It) 47800

puerperal heart dis. 48149

valvular & endocardial changes in intestinal carcinoid tumor, pathogen. 39456

***physiology***

bi-auricular overload, ECG (Por) 36891

cardiac So. Amer. trypanosomiasis, comparative strength of left & right sides of heart (Ger) 26511

correlation of resp. with pulm. arterial pressure (Ger) 23021

eff. of premature ventric. contractions on right interventric. pressures (It) 52085

eff. of tropical environment (Ger) 6723

energy cost in prescription of work dosage in patient rehabil. 37823

energy expenditure, ventilation, ECG & pulse rate, statist. analysis of factory workers with heart dis. 14956

gallbladder funct. (It) 39647

heart volume in prone & erect positions 35177

pulm. diffusing capacity & pulm. capillary blood volume in cardiopulm. dis. 15054

pulm. ventilation & oxygen consumption during inhalation of pure air & hyperoxygenated air, in school-age child. (It) 42769

resp. minute maximum ventilation (It) 52064

spirometry & effort tolerance 18406

***prevention and control***

mass survey technic among Fr. military personnel (Fr) 14364

***psychology***

anniversary neuroses in cardiacs 4014

emotional factors (Ger) 9525

***statistics***

in Africans of Fr. Sudan (Fr) 6415

in So. African hosp., racial incidence of valvular dis. 12316

ischemic heart dis. in Gt. Brit., problems in measuring prevalence 6190

***surgery***

anesth. in heart patients undergoing surg. (It) 11827

anesth. risks in cardiac patients 4961

Dirofilaria immitis infect. in dog, surg. removal of worms by pulm. arteriotomy 40392

gastrointestinal mechanical & funct. disord., preop. & postop. x-ray exam. (It) 44337

in congen. & acquired dis., evaluation by internist 31247

indic. & technics (Sp) 21178

indic., review (Fr) 33413

postop. endocarditis caused by Micrococcus aureus 52624

practicing physician's responsibility to inform cardiac patient about surg. facts 7502

pre- & postop. management 7007

psychic reactions of cardiac patients to surg. (Fr) 47754

surg. risk & prep. of cardiac patients 54790

***therapy***

Crataegus oxyacantha (Ger) 13068

digitalis causing pois. 35647

digitalis, lanatoside & strophanthin, eff. on blood coagulation & heparin sensitivity in compensated & decompensated heart dis. (It) 39654

emergency ther. 42808

glucose-1-phosphate (Por) 16133

hosp. patient-centered cardiac care 40018

hyphylline with oxopulmin (It) 39503

indust. dispensary care (Ger) 11138

management hazards 20103

nitrites (It) 42687

nursing care & patient-nurse relationships 52816

phenothiazine deriv. (Ger) 33896

radioiodine 29765

rehabil., clin. judgment & common sense in management of cardiac patient in relation to employment 50199

rehabil. of farmers with heart dis. 50171

rehabil., phys. & psychol. 3789

rehabil., psychol. aspects 51122

reserpine (It) 3732

reserpine, bradycardic eff. (It) 42626

reserpine, indic. & results (Fr) 31954

reserpine, ther. mechanism by induction of bradycardia (Sp) 44498

strophanthin, eff. of aging, comparison with normal subjects, review (Ger) 34150

vitamin B6, indic. & results (Fr) 32405

32935

***urine in***

nyctohemeral variations in aldosterone, sodium & water excretion (It) 1936

***HEART FAILURE*** *see* CARDIAC ARREST

***HEART FAILURE*** *see* CONGESTIVE HEART FAILURE

***HEART FAILURE*** *see* DEATH, SUDDEN

***HEART SOUNDS*** *see* CARDIAC MURMURS AND SOUNDS

***HEART VALVES*** *see* CARDIAC VALVES

**HEAT**

chem. reactions at high temperatures in pharm. indust. (Fr) 53554

eff. of longitudinal conduction of heat on cooling of finger 46361

***effects***

acclimatization on cardiovasc. responses to passive tilting in humans 16833

copolymerization of amino acids to product resembling protein 21724

dry heat in Finnish sauna bath, on electrolyte excretion & renal clearances 24858

eff. of dietary potassium supplementation on performance during prolonged exposure to heat 6746

eff. of heat treatment on connective tissue & collagen (Rus) 22684

growth stimulating eff. of autoclaved glucose media & relation to carbon dioxide requirement of propionibacteria 26213

heat stroke induction of heart dis. in rabbit, ECG (It) 15246

inactivation of chymotrypsin, influence of various factors on reversibility of inactivation 40491

increased radiation-susceptibility of tumor cells 12669

induction of cond. reflex in guinea pigs, eff. of narcotics (It) 1891

induction of cond. reflex in guinea pigs, influence of hypothermia (It) 1892

irreversible inactivation of oxygen consumption in frog tissues in vitro (Ger) 39253

metab. in tissue slices from mice exposed to heat, comparison with cold-exposed mice 12532

on adaptation to strenuous exercise 18837

on allergenicity & protein fractions of cow's milk 20252

20253

on ampullae of Lorenzini in ray Raja clavata, combined with electrical stimulation 51099

on cardiac output per beat & per minute in man at rest (Pol) 30753

on collagen swelling in acid 50581

on develop. of L forms by Proteus (It) 15014

on diameter of haversian canals during calcination, medico-legal application (Fr) 47427

on drug stability, mathematical interpretation of kinetics of elevated temperature stability studies as applied to solid formulations 16695

on dysenterial immunol. in animals (Rus) 11493

on Ehrlich carcinoma of mice (Ger) 34157

on electrophoretic patterns of blood proteins 46898

on enzymic property of papain 27369

on exper. lung tumors in mice (Ger) 34160

on fat body inclusions of dipteran Chironomus anthracinus & Chironomus thummi larvae (Ger) 23078

on fixation of surface-active anions by E. coli & Streptoc. pyogenes (Fr) 54385

on growth of bone in young rabbits 5653

on heart rate in young rats exposed to anoxia (Cs) 38190

on hemo-sensitizing power of polysaccharide antigens from tuberculin (Fr) 48935

on human subjects in low atmospheric pressure (Rus) 22625

on immunol. properties of ovalbumin (Fr) 38699

on metab. in rats, determ. in combination with low barometric pressure 732

on nerve excitability in rats (Rus) 49548
on nutritional requirements 8276
on nyctohemeral rhythm of water exchange response to exercise (Fr) 48900
on physiol. reactions & food & water consumption of cattle 8278
on rhodopsin & opsin 17320
on salt & hormone excretion & urine flow in man & sheep 19477
on skin, tonus stability of arterial network (Rus) 7806
on water & electrolyte metab. in congestive heart failure, rate of excretion of various tracers 50709
on water & electrolyte metab. in congestive heart failure, relation of equilibrium of distribution, biol. decay rates & space & mass of various tracers 50708
on water-salt exchange after collapse ther. (Sp) 8798
pre-warming of blood causing renal vasoconstrictor action after direct perfusion into dog kidney (Fr) 26958
radiant heat induction of vasodilat. in man, influence of bact. pyrogen inject. 51106
radiant heat on heart rate & minute volume in humans (Ger) 43574
regulation of body temperature during continuous exposure to heat 23352
thermal baths on water-electrolyte metab. (Pol) 30788
thermal dehydration, eff. on blood electrolytes (Pol) 30787
thermal dehydration, eff. on urinary aldosterone (Pol) 30797
thermal gradient on embryonic develop. of salamander (Fr) 26937
thermoregulatory response, eff. of deep hypothermia in rats (Fr) 36755
thermotaxis in blindfish (Ger) 39242

*injurious effects*

fatal stroke in Sudan prisoners 38670
heat casualties among Brit. armed forces personnel, statist. 41424
heat strokes caused by thermal balneol., case report 25517
heat stroke, ther. with chlorpromazine & heat-reducing measures 14945
heat stroke with acute renal failure, fulminating myocardial potassium intoxication & hypernatremia, atypical fatal cases 34841
occup. (Ger) 25241
salt-defic. heat exhaustion 47608
spatial summation for heat pain 19560

*therapeutic use*

comparison with infrared & ultrasonic ther. (Fr) 41411
radiodermatitis, with azulene prep. (It) 31662
rheum. arthritis 41786

***HEAT LOSS** see* BODY TEMPERATURE

***HEAT PRODUCTION** see* BODY TEMPERATURE

HEATING

external wall construction in relation to insulation & heat transmission, hyg. & technical aspects (It) 31725
thermostat for mobile med. laboratories (Rus) 10900

HEEL

*see also* ASTRAGALUS
*see also* CALCANEUM

Achilles tendon inj. in athletes, heparin ther. (Sw) 19944
Achilles tendon, posttraum. bone form. (Ger) 19333
arthritis, sub-astragalar, ther. hydrocortisone, intra-articular admin. (Fr) 21415
free Achilles tendon reflex in hypothyroidism & hyperthyroidism, determ. by kinemometer 19852
free graft repair of loss of substance of heel, technic & results (Fr) 2378
giant-cell xanthoma, histol. similarities with synovial hypertrophic lesions of knee (Pol) 36462
paralytic deform., surg. (Rus) 43378
removal of Achilles' bursa, case report 50279

***HELIOTHERAPY** see* SUNLIGHT

HELMINTH INFECTIONS

clin. aspects in child. (Pol) 33733
in bats (Pol) 33789
in bisons (Pol) 33796
in dogs (Pol) 33750
in domestic fowls (Pol) 33785
in fish (Pol) 33775
33776
in frogs (Pol) 33781
in ground squirel (Pol) 33791
in moles (Pol) 33790
in salmon (Pol) 33773
in small wild mammals (Pol) 33794
in sparrow (Pol) 33787
in toads (Pol) 33782
33783
in tropical regions, etiol. classif. & ther. 33138
in wild chickens (Pol) 33786
lung, in cattle in Poland (Pol) 33715
33717
lungs in sheep, ett. of phenothiazine on fecal larvae excretion (Pol) 33722
review 10511
22322
25111

***blood in***

eosinophilia (Ger) 51806

***complications***

epilepsy in child. (Rus) 18870
inf. diarrhea (Pol) 33732
typhoid fever (Rus) 18871

***diagnosis***

coprol. aspects in gastrointestinal infect. in child. (Pol) 33728

***epidemiology***

(Rus) 51730
in Cuba (Sp) 13543
in Egypt, variations in inhabitants of different type localities 24704
in No. Africa in child. (Fr) 24393
in Poland in child. (Pol) 30405
in pre-school child. in Poland (Pol) 33730
in soldiers & marines in Santa Catharina, Brazil (Por) 31856
in temperate climates 10505
in Turkey (Tur) 22383
intestinal helminths in Americans residing in Formosa 47271

***immunology***

early induction of immun. to Litomosoides carinii in cotton rats 5600
vaccine composed of irradiated helminth larvae 20704

***prevention and control***

in child. (Rus) 51735
in India, exper. in interruption of man-to-man fecal & helminthic circ. in rural community 40939

***therapy***

*see also* ANTHELMINTICS
oxygen inject. into stomach (Bul) 32760

***transmission***

by animals to child. 7854
by sewage (Cz) 38161

HELMINTHS

*see also* NEMATODES
*see also* TAPEWORMS
*see also* TREMATODES

Arenicola cisparedii, giant nerve cells & fibers 42995
ciliary structure of sea-worm larva, electron microscopy (Fr) 54313
culture, review (Rus) 45622
Dendrocoelum lacteum, light-sensitivity & spectral threshold curve 17970
eggs in sewage (Pol) 33741
eggs in sewage & fields irrigated by sewage (Pol) 33723
eggs in vegetables (Pol) 33740
electron microscopic study of ciliature of trochophore larva 42997
emulsion, eff. on contractile funct. of uterus in animals (Rus) 12109
in feces, detection methods (Tur) 45448
in Mexico (Sp) 43938
Nereis, develop. & structure of cephalic nerves in annelid 40731
Nereis diversicolor, calcium metab. in caudal regen. (Fr) 15145
Nereis diversicolor, eff. of calcium-treated sea water on caudal regen. (Fr) 26701
Pallisentis basiri from freshwater eel 55567
Polymorphus minutus, infect. of crustacean Gammarus 25071
Sagitta, host of Cercaria & other larval trematodes 19807

HEMAGGLUTINATION

bacillus anthracis in panhemagglut. (Fr) 47396
by Coxsackie & ECHO viruses (It) 13927
by cytopathogenic virus isolated from non-diphtheritic croup & day-nursery child. 25170
by enteric calf viruses of ECHO strain 45837
by influenza virus A (Ger) 32309
by influenza virus, culture technic (Por) 16154
by influenza virus vaccine, eff. of metals 40909
by influenza viruses (Por) 16122
by influenza viruses, inhib., enzymatic mechanisms (Por) 21073
by M. tuberc. phosphatides (Fr) 26785
by microorganisms, using formalinized erythrocytes from various animal species (Ger) 55494
by phosphatide from M. tuberc., results in various stages of tuberc., diag. value (Fr) 26892
by polyoma virus in vitro 10872
by schistosome antigens in rabbits 5590
dependence of extent of agglutinability of erythrocytes on distribution of blood lipid fractions (Ger) 48061
determ. of Salmonella typhosa vaccine & immunogenic properties & Vi-antigen content (Rus) 34638
eff. of parasympatholytics & parasympathomimetics on immune hemagglut. in rabbits (Ger) 27145
eff. of sicocaoil on heterohemagglutination titers (Ger) 6673
eff. of tannin (Ger) 34085
Francis inhibitor of influenza virus hemagglut. in rabbit serum fractions obtained by starch-grain electrophoresis 23964
hemagglut. & hemagglut.-inhib. tests for arthropod-borne viruses, technics 900
hemagglut. & tendency to cling to glass produced in erythrocyte suspensions by ferric chloride & influenza virus, comparison 19869
hemagglut.-inhibiting antibodies against Far East influenza virus, thermolability & reactivation 24214
hyperformolized erythrocytes for use in virus studies, prep. & general characteristics (Fr) 47401
in skin transpl. recipient rabbits (Rus) 48015
increased agglutinability of erythrocytes, dependence on individual blood protein fractions (Ger) 34050
influenza virus phase determ. by division of agglut. titer of antigen with chicken erythrocytes by agglut. titer of same antigen with human erythrocytes (Sp) 29542
intravasc., in vivo & in vitro studies (Fr) 31381
leukocyte-agglutinating systems, study in vitro 12572
new inhibitor & erythrocyte receptor substances for certain strains of Asian influenza virus 52375
non-specific agglut. of leukocytes, mechanism & prev. 31365
of diphtheria & tetanus antitoxin, comparison with in vivo tests 17600
of protein-conjugated erythrocytes in studies of proteins & antibodies 28014
of tanninized sheep erythrocytes coated with desoxyribonucleic acid by L. E. factor, affinity for various DNA prep. 34853
passive hemagglut. test for identification of human & animal blood (Fr) 44809
platelet agglut. 48377
poly-agglutinable erythrocytes compl., pre-transfusion group-compatibility tests (Cz) 2732
prod. of Coombs reagent by inject. of chickens with human gamma globulin 10969
sensitized sheep cell hemagglut. reaction in rats with exper. Streptobacillus infect. 31364
settling of sludge, biophysics 35995
stability of in vivo antigen-antibody bonding on erythrocytes after frozen storage 46901
streptoc. in panhemagglut. & polyagglutinability (Fr) 47395
technic of passive hemagglut. as applied to streptomycetes 37973
titer determ. of virus-erythrocyte mixtures in blood sedimentation pipettes (Ger) 34053
treatment of human & sheep erythrocytes with formol for use in indirect hemagglut. test (Ger) 54382
virus hemagglut. test, inhib. by neuraminic acid-containing mucoproteins of bovine erythrocyte stroma (Ger) 27919

***in various diseases***

blood-aqueous humor Middlebrook-Dubos test in uveitis (Ger) 28932
brucellosis (Ger) 32313
conditioned hemagglut. & anti-globulin-hemagglut. tests in detection of antibodies in exper. Salmonella pullorum infect. in chicks (It) 32594
Coombs & Wright tests, in brucellosis treated with tetracycline & vacc. (It) 9279
Coombs test in brucellosis, epidemiol. aspects (Ger) 23010
Coombs' test in tularemia (Pol) 53224
dysentery, bacillary (Cz) 2773
2774
echinococcosis, diag. value 47268
47272
encephalitis, specificity (Rus) 22702
exper. brucellosis & tularemia para-agglut. reactions & cross reactions (Ger) 25259
exper. tuberc., eff. of cycloserine & pyrazinamide on Middlebrook-Dubos reaction in rabbits vaccinated with killed M. tuberc. (It) 24921
exper. tuberc., eff. of isoniazid on antituberc. hemagglutinins in rabbits in various exper. cond. (It) 24927

hemagglut. factor in saliva in pemphigus & other dermatoses (It) 6822

infect. hepatitis, diag. & differ. diag. value 52594

influenza, inhib. of hemagglut. during acute phase (It) 9355

intravasc. erythrocyte aggregation in conges. & rheum. heart dis. 47492

intravasc. erythrocyte aggregation in tumors in child. 47493

latex agglut. test in disseminated lupus erythematosus 20763

measles, by convalescent serum (Rus) 22709

Middlebrook-Dubos reaction in erysipelas (Pol) 29513

Middlebrook-Dubos reaction in exper. tuberc., eff. of cycloserine & pyrazinamide in rabbits (It) 24928

Middlebrook-Dubos reaction in silicosis & silicotuberc. (It) 39361

mumps, diag. value of hemagglut.-inhib. test using mumps virus-formolised erythrocyte complex (Fr) 47418

ocular tuberc., diag. test (Ger) 28931

rheum. arthritis, agglutinin titer exper. with rabbit erythrocytes (Fr) 51144

rheum. arthritis, comparative study of serial hemagglut. tests 13626

rheum. arthritis, differ. diag. value 35209

rheum. arthritis, eff. of gold ther. on agglutinating factor in blood (Fr) 44781

rheum. arthritis, euglobulin agglut. of sensitised sheep erythrocytes (Fr) 35227

rheum. arthritis, factor inhibiting agglut. activator (Fr) 44793

rheum. arthritis, sheep erythrocyte agglut. test 14685

thrombocyte agglut. in multiple sclerosis 27033

washed sheep erythrocytes, in rheum. arthritis (Fr) 41934

## HEMANGIOENDOTHELIOMA

breast (Rus) 18261

liver (Bul) 45296

middle ear (Fr) 403

neck in 2-year old child (Por) 43483

ovary, relation to Meigs' synd., case report & review (Fr) 47346

parotid gland, case in child 24677

spleen in child. (Rus) 20302

thymus (Cz) 21573

unusual clin. & histopathol. aspects case report (It) 42556

***HEMANGIOMA*** *see* ANGIOMA

***HEMANGIOMA, SCLEROSING*** *see* ANGIOMA, SCLEROSING

## HEMANGIOPERICYTOMA

(Fr) 53413

diag., pathol. & surg. 13898

orbit 23435

perithelioma of ethmoid bone (It) 25714

spinal cord, recur. 26 years after removal 31469

thigh, ther. (Fr) 9230

thymus (Cz) 21573

## HEMATEMESIS

caused by chicken-bone in stomach, fatal case 14209

clin. diag. including arteriography of stomach 49699

diag. & ther. in adults (Fr) 20674

gastrectomy, total, in Mallory-Weiss synd., case report 2140

hosp. statist. 46847

46848

in brain disord. 27990

in oesophageal varices, differ. diag. & ther. using Blakemore's catheter with balloons (Fr) 10035

in gastrointestinal hemorrh. (Ger) 30969

in hepatitis, interstitial, case reports (Fr) 6389

in obstruct. of portal veins, case report (Fr) 30469

in ulcerating calculus of gallbladder 53233

Mallory-Weiss synd. 14658

review 48283

ther., local gastric hypothermia 21998

## HEMATO-ENCEPHALIC BARRIER

49218

acid-base relations between CSF & arterial blood in reference to control of resp. 16820

colimycin permeability (It) 52040

eff. of destruction in regions of blood-brain barrier on spontaneous & evoked cortical response to ω-amino acids & their guanidino deriv. in cat 27323

eff. of exper. brain inj. (Ger) 27174

eff. of trypan blue & hydrogen-ion indicator dyes 2035

eff. on susceptibility of mice to acid fuchsin convulsions after electroshock 17799

filtration coefficient of capillaries of cat brain 12566

glycogen & protein variations in choroid plexus & CSF in cats, age factor (Rus) 33562

mechanism of blood-brain barrier phenomenon 24076

passage of ammonia & its relation to blood pH 40688

passage of ammonium ion in dogs & humans 43123

passage of colimycin (It) 29739

radiochromium chloride as tracer in blood-brain barrier research 46708

relation of edema, blood-brain barrier & tissue in local brain inj. 17793

slowly changing bioelectric potential difference measurements in animals 12483

## HEMATOLOGY

***see also*** BLOOD DISEASES

contribution of Guido Banti 9590

contribution of Giulio Bizzozero 9592

contribution of Adolfo Ferrata 9594

contribution of Carlo Gamna 9595

contribution of Camillo Golgi 9597

contribution of Leone Lattes 9598

contribution of Domenico Majocchi 9599

in China (Fr) 54001

in Italy from 17th to 20th century 9589

in Poland between First & Second World Wars (Ger) 27455

in Poland in last decade (Ger) 27456

progr. (Fr) 41111

radiophosphorus in, review (Cz) 26550

research, value of isotope technics 29719

Rose's tissue culture chamber, adaptation for serum agar cultures 10248

simple device for rapid serial collection of anaerobic blood samples 16842

## HEMATOMA

***case reports***

acute, of uvula (Fr) 44675

Breus' mole containing 2-month-old fetus, exam. in suspected criminal abortion (It) 20991

Breus' mole, etiol. & case report (It) 54249

intramural of duodenojejunal bend (Cz) 14882

kidneys (Ger) 34365

puerperal paragenital hematoma (Sp) 32444

rectus anconinis musc. (It) 54208

traum. intramural of duodenum 874

traum. retroperitoneal 51593

umbilical cord 24511

***complications***

dissecting hematoma of aorta with hemopericardium (Fr) 29139

hepatic subcapsular, with hemoperitoneum & generalised amyloidosis, clin. pathol. conf. 30117

interauric. septum with dissecting necrosis of media of aorta, pathol. (Fr) 38672

spontaneous parietal hematoma in arteriosclerosis of aorta (Fr) 51402

***diagnosis***

lungs, x-ray diag. 47225

posttraum. ossifying, x-ray diag. (Rus) 45762

***differential diagnosis***

rectus abdominis hematoma simulating rupt. of uterus in pregn. 34515

subcutaneous, after acenocoumarol anticoagulant ther. in cesarean section (Ger) 3748

***etiology and pathogenesis***

rectus abdominis, caused by anticoagulant ther. of myocardial infarct (Fr) 36663

***in infant and child***

duodenal or jejunal hematoma causing intestinal obstruct., surg. 34961

liver, subcapsular, in newborn (It) 15030

traum. renal hematoma followed by hypertension, case report (Ger) 34361

***in pregnancy***

pelvic, classif. & ther. 7621

perigenital, clin. statist. 7622

***therapy***

prednisolone in sternocleidomastoid hematoma, admin. & results (Fr) 37765

***HEMATOMA, SUBDURAL*** *see* CEREBRAL HEMORRHAGE

## HEMATURIA

allergic hematuria (It) 20986

blood protein turnover in cattle, study with labeled-methionine (Rus) 10930

boxers' hematuria 16644

clin. significance 50318

early 50701

essential, definition 26612

essential, in pregn., case report (Hun) 30390

essential renal, in rabbits, physiopathol., histopathol. & histamine-content of kidney 11105

exhibit 43723

in Reiter's dis. (Cz) 38135

in renal papillary & calyceal dis., diag. by pyelography 12858

in renal tuberc., partial nephrectomy (Fr) 38883

in rupt. of cavernous renal angioma, with polycystic kidney dis., case report (Fr) 38530

persistent macroscopic hematuria in liver cirrhosis (Fr) 31987

unusual case in a friar in 17th century (Fr) 44884

## HEMIANOPIA

altitudinal hemianopia (Fr) 54118

bilateral homonymous hemianopia 47021

bitemporal, in acromegaly, Cushing synd. & mixed basophil eosinophil adenoma of pituitary (Sp) 8899

bitemporal, with dominant hered. optic atrophy, comparison with Leber's atrophy 99

homonymous, with photophobia & controlateral occipital pains caused by light stimulation following cerebral contusion (Fr) 9116

manual optomotor localization based on optic image in hemianopsia 49630

multiple targets in visual field exam. with tangent screen 11690

relative (Rus) 34010

***HEMICRANIA*** *see* MIGRAINE

## HEMIPLEGIA

analysis of hemiplegic gait 47532

chronic hemiplegia of Mills, case reports & review (It) 54270

etiol. classif. & diag. (Fr) 15966

hemiplegia rehabil. center of Institute of Phys. Ther. of Ospedale Maggiore, Milan (It) 6847

printed form for exam. of hemiplegic & evaluation of results of reeducative ther. (It) 6845

***complications***

ipsilateral internal carotid thrombosis (Ger) 54327

pain synd. of shoulder, measurement of joint mobility (Fr) 21412

subluxation of shoulder 53678

tetanus, chronic intermittent develop. at hemiplegic site (Fr) 14389

***etiology and pathogenesis***

carotid ligation, role of ischemia & thrombotic factors (Ger) 32273

cerebral arteriography causing temporary hemiparesis, case reports (Cz) 2788

hemiconvulsions, concept as a synd. (Fr) 54075

ophthalmic herpes zoster causing contralateral hemiplegia 5503

rubeola encephalitis, cortisone ther. 39935

rupt. of intracranial aneurysms, progn. for recovery after surg. 51330

temporary, caused by cerebral angiography, with epileptoid seizures (Por) 36999

***in infant and child***

arising in first month of life (Fr) 1031

hemiparesis & amaurosis following typhoid fever, case report (Ger) 25288

infantile, surg. hemispherectomy, case report (Fr) 24241

spastic, diag. value of trepanation tests (Dut) 10570

with epilepsy & aggressivity after cranial inj., in 15-year-old boy, surg., left cerebral hemispherectomy (Sp) 49150

***manifestations***

disord. of verticality perception, significance in rehabil. 48765

***physiology***

interaction in simultaneous motor funct. in hemiparesis 46445

***therapy***

activities of Center of Reeduc. for Hemiplegics of Institute of Phys. Ther. of Maggiore Hosp. of Milan (It) 6847

exercise ther., technics of proprioceptive neuromusc. facilitation 20376

occup. ther. 28500

phys. ther. & rehabil. 5401

rehabil. 12848

40390

rehabil. (Fr) 54151

right hemiplegia in left above-the-knee amputation, phys. ther. 20338

## HEMOCHROMATOSIS

***see also*** HEMOSIDEROSIS

idiopathic, familial, review (Fr) 32021

symptomatol. & ther., review (Ger) 38970

*case reports*

clin. manifest. (Ger) 3298

ideopathic (Dut) 47914

*complications*

anorectal cancer, acquired hemolytic jaundice & lymphosarcoma (Fr) 31988

cardiac insuff. & angina pectoris (Sw) 43182

congestive heart failure, anst., clin. & hemodynamic aspects (Fr) 31113

congestive heart failure, case report (Sp) 8911

congestive heart failure in bronze cirrhosis (Fr) 9636

fatal, in case of hypersideremic hypochromic anemia with disord. of hemoglobinogenesis (Fr) 54296

necrobiosis lipoidica (Fr) 37874

rheum. manifest. (Fr) 44785

thalassemia-like leptocytic anemia with hemochromatosis in Czech. males (Ger) 15774

*diagnosis*

anatomicopathol. diag., biopsy technics (Fr) 32023

biol. diag. (Fr) 32032

*differential diagnosis*

hemosiderosis in Ghana natives 22297

infect. mononucleosis, case report (Fr) 21746

*etiology and pathogenesis*

diabetes mellitus (Ger) 51814

*heredity*

genetic studies of familial cases 24970

*metabolism*

blood & urinary iron in idiopathic hemochromatosis, eff. of edathamil calcium (Fr) 35149

iron, review 42147

*pathology*

heart, clin. pathol. conf. 37910

secondary, anat. & physiopathol. (Fr) 32024

*physiology*

pigmentation mechanism (Ger) 11210

*surgery*

venesection, massive for idiopathic hemochromatosis, case report 10841

*therapy*

(Fr) 32025

(Ger) 10292

edathamil disodium, case reports (Fr) 24781

phlebotomy (Dan) 43241

repeated phlebotomy 42147

## HEMOGLOBIN

*see also* METHEMOGLOBINEMIA

abnorm. 8298

abnorm. (Ger) 21634

abnorm. & normal hemoglobins (It) 21014

abnorm., chem. structure (Heb) 16081

abnorm. hemoglobins & hemoglobinopathies, review (Tur) 45478

abnorm. in child with hemolytic anemia (Fr) 54300

abnorm. in Italians (It) 53591

abnorm. in Jamaicans 23713

affinity for oxygen, modification by biochem. factors (Fr) 24782

carboxyhemoglobin, determ. by Atlas Werke oximeter (It) 1973

carboxyhemoglobin equilibration between maternal & fetal circ. in humans 44891

carboxyhemoglobin, isobestic point method of spectrophotometric determ., exper. evaluation (It) 42223

catabolism & synthesis, review (Cz) 38120

catabolism of hemoglobin & bilirubin, hematol. significance 30191

chromium elution from hemoglobin of normal adults & inf. & patients with erythroblastic anemia, comparison 31336

colorimetry, modified Henry technic (Fr) 44619

complete absence in toad Xenopus laevis specimen 52460

cystine content of human hemoglobin samples 40492

cytophotometry by silver analysis of photomicrographs, review 23579

dialectric properties, temperature dependence & urea denaturation 13405

eff. of $\alpha$-aminoacetic ferrous sulfate complex on hemoglobin levels 43790

eff. of exercise (Fr) 26712

eff. of hemoglobin levels on lactation (Ger) 49814

eff. of rest & exercise, relation to oxygen saturation 505

eff. on solubility of cyclopropane in heparinized blood 35980

electrophoresis 15024

electrophoresis on starch gel, non-continuous buffer system (Fr) 44610

electrophoresis, starch gel (Fr) 9015

endoglobular origin of proteins accompanying human hemoglobin in its prep. (Fr) 26691

excess caused by 3-sulfo-isonicotinic acid dineodymium 10349

ferrihemoglobin reactions, electrophoretic separation of intermediate cpds. 13755

ferriprotoporphyrin, radiation-induced reactions in aqueous alkaline solution 46377

fetal-adult hemoglobin ratio in determ. of duration of pregn. (Fr) 26179

fetal & adult types in inf. with erythroblastosis fetalis, eff. of exchange transfusion (It) 25580

fetal hemoglobin in erythrocytes & erythroblasts of human fetuses & newborn inf. (Ger) 37229

fetal hemoglobin in whole blood, modified alkali denaturation test 504

fetal hemoglobin isolation from umbilical cord blood pigments by high-voltage electrophoresis (Ger) 18328

fetal, in umbilical cord blood, determ. in estimation of prenatal age of fetus at birth 23828

fetal, in umbilical cord blood in diag. of postmaturity (It) 15027

fetal, new variant isolated from Chinese cord blood 52361

fetal, new variant tentatively named Alexandra 52360

fetal, persistence in newborn (Fr) 25492

genetic differences in hemoglobin as markers for bone marrow transpl. in mice 44118

globin incorporation of glycine & heme biosynthesis in rabbit bone marrow prep. 16917

globin, prep. & physicochem. properties 47952

heme biosynthesis in vitro, determ. by incubation of blood of lead-poisoned rabbits with isotopes (Fr) 28753

heme biosynthesis, inhib. by 5,6-dimethylbenzimidazole & ketone acids, mechanism of action 19641

heme biosynthesis, relation of mitochondria 54410

heme content in aging blood (Ger) 27129

heme, non-enzymic, form. 7151

heme-protein linkage in hemoglobin 49321

heme, synthesis, eff. of copper defic. 7153

hemin & hemoglobin content of pigment substance, separation 53232

hemin, form. of enzyme-bound hemin from protohemin in hemin-requiring mutant of Micrococcus pyogenes aureus (Ger) 47926

hemins of bovine myocardium 4780

hemoglobin & hemoglobin-haptoglobin complexes with peroxidase-like activity, detection with various reagents 29834

hemoglobin A, A2 & E in normal subjects & thalassemic heterozygotes, diag. significance (Fr) 26661

hemoglobin A2 & other hemoglobins, determ. by starch gel electrophoresis 38558

hemoglobin A2 & other hemoglobins in thalassemia minor, starch electrophoresis (Fr) 21275

hemoglobin A2 in normal subjects & in thalassemia, starch gel electrophoresis (Fr) 9028

hemoglobin A2 in thalassemia minor (Tur) 45484

hemoglobin C dis., clin. aspects, hered. & case reports 48375

hemoglobin C with ovalocytosis, case report 10896

hemoglobin C & S, fetal & adult normal hemoglobins, chromatography (Fr) 32181

hemoglobin D sickle-cell dis. 47511

hemoglobin D trait in Filipino family 6482

hemoglobin D, 3 types 19543

hemoglobin G in a Chinese 7214

hemoglobin H dis., case report in Chinese 48

hemoglobin-H dis. in Greek Cypriots 26128

hemoglobin H with inclusion-body anemia in two Swedish brothers, hematol. & hered. aspects 35350

hemoglobin J & K in southern Italy (It) 53587

hemoglobin J in Indian women, with a case of assoc. erythroblastic anemia 2348

hemoglobin K, identification, distribution & clin. significance (Fr) 32182

hemoglobin M dis., electrophoretic & spectroscopic studies 1781

hemoglobin N, in Portuguese Guinea 52427

hemoglobin P, electrophoresis 7161

hemoglobin S, assoc. with sickle cell anemia, familial study (Por) 49727

hemoglobin S determ., method (It) 48115

hemoglobin SC dis., clin. & x-ray manifest. 17284

hemoglobin, methemoglobin & their deriv. in Chironomus plumosus, properties (Ger) 23596

hemoglobin types in some non-Brit. breeds of sheep & in certain rare Brit. breeds 7160

hemoglobinometry, certified standard 506

5269

hemoglobinometry, proposal for certified standard Report of National Acad. of Sciences 13878

in Amer. Indians 54399

in Australian aborigines, comparison with haptoglobins 42102

in blood & urine, determ. with single combined reagent 35656

in Brazilians (Por) 16151

in Brit. sheep, correlation with gene frequency 44038

in cadaveric peripheral veins (Ger) 46123

in cancer, eff. of hydrogen-peroxide in tumor-bearing rats 19572

in cancer, eff. of radiocobalt inether. 13130

in cyanosis, analysis 11606

in diabetes mellitus in pregn., determ. in fetal & maternal blood, review 43494

in erythrocyte ghosts 52392

in erythroleukemia cells 25928

in Eti-Turks & southern Turks 14202

in Indians of Assam, average standards & seasonal variations 5179

in Indian school boys of Uttar Pradesh 5178

in lamprey, comparative adult & larval hemoglobins, electrophoresis 19502

in leprosy 50029

in mice different heterogeneities 19593

in mice, different types in 3 strains 19591

in mice, inherited electrophoretic hemoglobin patterns 44931

in mongolism 28551

in New Guinea & adjacent Pacific Island natives 43090

in newborn (Fr) 30449

in newborn inf., indic. of anemia & other blood disord. 8516

in pregn., eff. of occup. factors in metallurgy (Pol) 39634

in pregn. goats & their fetuses 12571

in preschool child. in Polar Region (Rus) 7933

in pulm. emphysema & tetralogy of Fallot, relation of hemoglobin content of blood to anoxia (Por) 53848

in schizophrenia, comparison of density with blood of normal subjects 49201

in various animals, primary structure analysis of protein components (Ger) 27912

iodide behavior in acid solutions of hemoglobin 49248

Lepore trait, clin. aspects, interaction with classical thalassemia trait & physicochem. properties of Lepore hemoglobin 1771

mast cell stain. in concentrated hemoglobin solutions (It) 37479

metab., review (Ser) 9956

methemoglobin complex form. with alkylamines (Ger) 25904

methemoglobin-cyanide complex, sigmoid shape of dissociation curve around equilibrium (Ger) 23600

methemoglobin, eff. of ultraviolet rays on reduction of methemoglobin applied to pig skin (Ger) 43008

methemoglobin enzymic reduction (Ger) 23598

microelectrophoresis, gelose (Fr) 53099

myoglobin content in skeletal musc. of guinea pigs, eff. of folic acid defic. 41229

myoglobin, determ. & physical properties of various mammals 29533

myoglobin, eff. of hypoxemia on 12041

myoglobin hemochrome, properties & form. mechanism (Ger) 25881

myoglobin, spectrophotometry of oxygen & carbon monoxide equilibria 13407

Norfolk variant resembling hemoglobin J in English family & scheme for naming new variants 2160

ovalbumin-hemoglobin complexes, dissociation by aqueous carbon dioxide 19474

oxygen dissociation curves in mammals in relation to body size 12558

oxygen saturation level determ. by simple reflectometer, construction & use 44906

oxyhemoglobin, comparison of concentrations in solutions (Ger) 27453

oxyhemoglobin determ. by Van Slyke & Brinkman methods, comparison (Fr) 21290

oxyhemoglobin levels in neuroses in relation to emotional tension (Rus) 46333

pepsin digestion, paper chromatography of low molecular prod. (Rus) 1730

photometry, gray-wedge appar. 53296

protein $X_1$ in human hemoglobin prep., isolation & chem. characterization (Fr) 38748

regen. in rats, eff. of alternating high- & low-protein diets 3078

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

sex differences in level, causes (Dut) 43050

slow component in human hemoglobin, spectrophotometric studies in ultraviolet field (It) 37345

slow proteins in human hemoglobin prep., isolation & electrophoretic study (Fr) 38747

solubility curve in normal adult (It) 37344

solubility curve in thalassemia, variations (It) 48114

solubility curve in various blood dis., variations (It) 48113

sulfhydryl groups of cow, dog, horse & sheep hemoglobins, argentometric & mercurimetric titration at 0° & 38° 4750

synthesis 8296

synthesis by bird erythrocytes in vitro, eff. of nitrogen mustard 14754

synthesis, eff. of cortisone in vitro (Fr) 15123

synthesis in hypophysectomized rats, eff. of ACTH & anterior pituitary extract (Ger) 33997

synthesis in various blood dis., study with radioiron (It) 37336

synthesis, metab. & clin. significance review (Fr) 32183

synthesis of hemoglobin & iron kinetics, quantitative evaluation using radioiron (It) 42737

synthesis, relation to iron kinetics (It) 44321

synthesis, relation to iron metab. (Fr) 54398

synthesis, relation to iron turnover (It) 53760

synthesis, relation to iron turnover, eff. of ACTH & other pituitary & thyroid hormones 33694

synthesis studied with radioiron, analysis of exper. data (It) 37335

terminal amino acids in human, horse & cattle hemoglobin (Ger) 23084

tetrapyrrole ring structure, review 9612

**HEMOGLOBINURIA**

caused by 3-sulfo-isonicotinic acid dinecdymium 10349

induction by propylene glycol in sheep 48224

prod. by ligation of choledochus in rabbit (Fr) 26804

transitory myoglobinuria with acute renal failure & afibrinogenemia in pregn. 10327

**HEMOGLOBINURIA, PAROXYSMAL**

abnorm. of erythrocytes, electron microscopy (It) 53812

form. of blue-green bilirverdin-like dye stuff in urine (Ger) 51279

idiopathic paroxysmal myoglobinuria 43508

nature of intrinsic lesion of erythrocytes (It) 42663

nocturnal (Ger) 6082

nocturnal, in 9-year old Negro girl 34994

nocturnal, with negative Ham presumptive test & properdin defic., necropsy 13875

thromboplastic activity of plasma in paroxysmal nocturnal hemoglobinuria 26031

**HEMOLYSIS**

***HEMOLYMPH*** *see* **BLOOD**

*see also* **COMPLEMENT**

ability of human plasma to lyse homologous erythrocytes pretreated with fatty acid 20751

anti-A & anti-B hemolysins in general population, incidence, distribution & life hist. 33665

anti-α-hemolysin, assay in micrococcal infect., diag. value 41810

ATP utilization in hemolytic reaction in vitro 50565

by animal poisons (Ger) 33969

by antibody & by complement, mechanisms 8329

by Clostridium septicum toxin (Rus) 11487

by guinea pig & horse sera, relation of alkaline earths (Fr) 47407

by methylcellulose storage in rats with reticulosis & dysproteinemia 23749

by repeated inject. of glycerin in rats 17891

by total body x-irradiation in dogs, eff. of hemother. (Rus) 7784

by zinc acetates, protective eff. on erythrocytes 16697

catalase in hemolyzed blood, eff. of alcohols (Rus) 22649

comparison of complement fixing & hemolytic activities in several systems 40946

erythrocyte hemolysates, coagulation properties (Fr) 10343

β-hemolysin from Micrococcus pyogenes, factors influencing its activity 2562

hemolysins in E. coli strains 52398

δ-hemolysin of Micrococcus pyogenes, factors influencing its activity 3557

δ-hemolysin of Micrococcus pyogenes, purification & properties 2559

hemolysin of Newcastle dis. virus, inactivation by antiserum & high-energy electrons 31348

hemolysis of transfused cells during use of inject. technic for blood transfusions in inf. 43507

hemolytic eff. of primaquine & related cpds., review 48054

hemolytic factors in extracorporeal circ. (Fr) 51373

hemolytic reaction 37725

immunohemolytic mechanism in pathogen. of primary hemosiderosis of lungs (Pol) 30729

in exper. vitamin E defic., eff. of various necrosis-preventing factors in rats & chicks 5552

induction of kidney dis. by erythrocytes hemolysed in vitro by distilled water, eff. of angiotonin in dogs (Fr) 38763

natural & immune hemolysins, occurrence in sheep 4156

of protein-conjugated erythrocytes in studies of proteins & antibodies 28014

postop. with anuria, ther., epidural anesth. 2620

prep. of highly potent hemolytic amboceptor with avoidance of anaphylactic shock in rabbits (Ger) 55696

***HEMOPERITONEUM*** *see* **ABDOMEN, *hemorrhage***

**HEMOPHILIA**

(Bp) 53340

anti-cephalin factors, theory, review (It) 20818

antihemophilic factor defic. after extracorporeal circ. with modified heart-lung appar. in dogs with thrombopenia 22221

diag. & clin. manifest. (Bp) 8907

diag. & ther. use of antihemophilic globulin in transfusion ther. (It) 44808

hemophilia A & B 7870

hemophilia C, classif. of coagulation disord. in (Ger) 21643

hemophiloid states, diag. & ther. by application of present-day concepts of blood coagulation, review 48432

med. & soc. problems (It) 8590

plasma factor defic., review (Bp) 13546

plasma thromboplastin antecedent defic., relation to Hageman trait (Fr) 10352

plasma thromboplastin factor D defic., re-appraisal of dis. concept 17685

review 29756

surg. in 51543

thromboplastin inhibitor & plasminogen activator in joint tissues 27100

thromboplastinogen A defic. 11923

types & ther. (Bp) 21096

***blood in***

Bridge anticoagulant, relation to antihemophilic globulin 3070

Christmas dis. in child. (It) 52125

correlation of hemostasis with coagulation tests (Fr) 21644

glass-activation of plasma from patients with hemophilia C 17584

eff. of coagulation factors in erythrocyte hemolysates on hemophilic plasma after platelet removal & after platelet addition (It) 37356

eff. of precipitable factor from erythrocyte hemolysates on hemophilic plasma after platelet removal & after platelet addition (It) 37357

***case reports***

(Ger) 32608

antihemophilic factor defic. (It) 6876

antihemophilic globulin defic. 6621

coexistence with parahemophilia, coagulation studies 5267

familial factor VIII & IX defic. with prolonged bleeding time (Ger) 41766

familial hemophilia with factor VII defic. 4888

hemophilia C (It) 39765

in woman (Dut) 15794

mild hemophilia in mother of a patient with classic hemophilia (It) 39773

plasma thromboplastin antecedent defic. (It) 39765

plasma thromboplastin defic. & other diatheses, etiol. & diag. (Fr) 45000

sporadic hemorrh. synd. caused by factor AHG & PTA defic. (It) 11958

***complications***

arthritis, case report (Dan) 10598

femur fract. (Ger) 23188

hemarthrosis of knee causing flexion, reduction by continued extension with Kirschner pin (Fr) 54063

joints, radiographic & tomographic aspects (Fr) 41366

osteoarthropathy, x-ray diag. & case report (It) 31766

pseudotumor of bone, case report (Fr) 36869

pseudotumor of pelvis 37631

sub-hemophilia with cavitary pulm. tuberc. (It) 36823

ureteral calculus, surg. (Ger) 55597

***diagnosis***

importance of diag. before tooth extraction 18732

thrombin generation test in Hageman trait, case report 10322

***differential diagnosis***

differentiation of true hemophilia from hemophilia-like synd. 1793

***heredity***

familial, with familial thrombopathy (Dut) 7321

***immunology***

antibody develop. after blood transfusions in hemophilia A, case report (Pol) 8065

lack of antibodies to clotting factors in hemophiliacs refractory to transfusion 10334

***physiology***

physiopathol. 11925

***therapy***

Allium cepa (Ger) 4061

fresh serum (Tur) 55084

hemother. (Bp) 53341

in antihemophilic globulin, thromboplastic plasma component & plasma thromboplastic antecedent defic. (Ger) 55470

serother. (Bp) 15498

transfusions of antihemophilic plasma, control by quantitative determ. antihemophilic globulin (It) 37757

**HEMOPHILUS**

aortic sinus aneurysm caused by Hemophilus aphrophilus 12277

Bordetella bronchiseptica, isolation from bronchial expectorations & sputum of child & mice with lung dis. (Ger) 46243

vaginalis causing vaginitis, ther., triple sulfonamides 35757

vaginalis in non-specific vaginitis (Ger) 34474

**HEMOPHILUS INFLUENZAE**

arthritis, acute suppurative in adult, case report 11620

growth requirements 51021

penicillin-streptomycin-chloramphenicol combination in vitro (Fr) 13047

prod. by symbiosis of Chromobact. prodigiosum & Corynebact. bifidum after inoculation with metagenetic plate (Ger) 25243

**HEMOPHILUS PERTUSSIS**

*see also* **WHOOPING COUGH**

bacterin inject. in pigs in prev. of leukopenia caused by vacc. with hog cholera virus 12749

comparison of strains from different media (Rus) 34661

eff. of bact. suspensions & endotoxin on resp. & cough in animals (Cs) 38240

eff. of isoniazid & oleandomycin (It) 31731

eff. of vacc. of mice before & after exper. intranasal or intracerebral H. pertussis infect. 28400

growth requirements 51021

growth-supporting eff. of anion exchange resins 28399

histamine-sensitizing factor & protective antigens of Hemophilus pertussis, separation 40065

surface components, immunizing antigen, histamine-sensitizing factor & agglutinogen 5697

vaccine, eff. on mast cell disruption & histamine content in blood in anaphylaxis in rats 19617

**HEMOPNEUMOTHORAX**

*see also* **HEMOTHORAX**

decortication of lung (Tur) 23382

postop., after artif. pneumothorax, trypsin ther. (Bp) 43899

spontaneous (Dut) 29939

**HEMOPOIESIS**

eff. of hypophysectomy on erythropoietic response to various ACTH prep., in rats (It) 11953

eff. of nailing of fract. (Rus) 10888

eosinophil form. in area postrema of chick embryo (Fr) 26734

equation relating to dynamic phenomena of hemopoiesis (It) 27758

hemopoietic factor in gastric juice, study by hemoculture methods 1780

hemopoietic factor of the blood following repeated bleeding, active protein principle (Fr) 26844

hepatic hemopoiesis in differ. diag. of fetal erythroblastosis (Ger) 33537

in infantile dystrophy, eff. of chick embryo extract (It) 39527

in mongolism (Rus) 49813

in turtles, eff. of various factors 31434

intravasc. hemopoiesis in renal medulla in shock, postmortem study 5655

measurement of erythropoiesis by determ. of survival of autotransfused labeled erythrocytes (Fr) 44632

post-gastrectomy (Rus) 33222

role of endocrine glands in hemopoiesis (Fr) 48914

**HEMOPOIETIC SYSTEM**

*see also* BONE MARROW

*see also* RETICULOENDOTHELIAL SYSTEM

*see also* SPLEEN

*effect of drugs on*

ACTH & cortisone (Rus) 31154

aminopyrine-phenylbutazone prep., possible toxic eff., negative results (Por) 21075

carbutamide & tolbutamide ther. of diabetes (It) 8363

methylcellulose in rats (Hun) 41623

vitamin B12 on normal & on x-irradiated guinea pigs & mice (Rus) 44013

*effect of radiations on*

colloidal radiogold ther. of cancer (Ger) 32675

damage from irradiations, pathol. (Ger) 39660

ionizing radition inj. (Ger) 33824

postirradiation hematopoietic depression, ther. by stored autogenous bone marrow infusion 24975

radiophosphorus (Rus) 10805

radiophosphorus, on iron metab. (Rus) 51761

x-rays, dose-reactivity relationship (Rus) 22616

x-rays in dogs (Rus) 7788

x-ray, in pregn. animals (Rus) 12148

x-rays in splenectomized rats (Rus) 51757

*metabolism*

desoxyribonucleic acid synthesis & cell turnover, radioautographic study with tritium-labeled thymidine 51309

*neoplasms*

in Africans of Fr. Sudan, statist. (Fr) 44993

*physiology*

cytodieresis of hemopoietic cells cultured in vitro, microcinematographic & chromol. study (Fr) 53994

eff. of gastrectomy in peptic ulcer (Rus) 45167

fetal liver & spleen as source for hemopoietic components for transpl. in humans, technic 46607

insuff. in thymoma, case report 34881

protective role in radiation inj., review (Rus) 22615

**HEMOPTYSIS**

symptomatol. & surg. (Dut) 7343

*differential diagnosis*

(Fr) 49736

(Ger) 45388

*etiology and pathogenesis*

acute (Ger) 22789

cycloserine ther. of pulm. tuberc. (Fr) 21404

heart dis. 28497

leeches & snails in resp. tract, case reports (Fr) 6394

lung perf. by bone graft following Eden's operation for habitual shoulder dsloc. (Ger) 54945

pulm. hypertension with pulm. arteritis, fatal case 5700

*in aged*

in older men, incidence & etiol. 49774

*in infant and child*

massive, caused by lung abscess in 4-month old inf., emergency lobectomy 13482

*therapy*

penicillin in tuberc. hemoptysis (Sp) 45863

**HEMORRHAGE**

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

*see also* BLOOD TRANSFUSION

*see also* CEREBRAL HEMORRHAGE

*see also* EPISTAXIS

*see also* HEMATEMESIS

*see also* HEMATOMA

*see also* HEMOPTYSIS

*see also* MELENA

*see also* MENORRHAGIA AND METRORRHAGIA

*see also* SHOCK

*see also* SUBARACHNOID HEMORRHAGE

diag. & ther., relation to new concepts of blood coagulation 5451

etiol. & management (Fr) 432

spontaneous, manifest., pathol. & hemostasis 22573

*etiology and pathogenesis*

ACTH & anticoagulants in combined admin. in rabbits & man 14662

anticoagulant ther. in myocardial infarct 35729

coumarin anticoagulants, mechanism, review 38194

heparin (Ger) 11407

heparin ther. causing prolonged internal hemorrh. & acute renal failure (Ger) 51845

thrombocythemia, essential (Fr) 54304

thrombopathic, hemostatic eff. of transfusions of concentrated dried plasma (Fr) 54306

various causes of internal hemorrh. in female (Sp) 27201

*experimental*

carotid sinus hemodynamic parameters (Ca) 38219

circ. changes in cats after rapid withdrawal of large volumes of blood (Ger) 23012

cutaneous vasc. bed during & after hemorrh. in dogs (Ca) 48605

eff. of adrenalectomy in male rabbit (Pol) 7776

eff. of aminopeptide in dogs (Rus) 32530

eff. of arterenol admin. on hepatic blood flow after graded hemorrh. in dogs 12568

eff. of arterenol on portal venous flow in acute hemorrh. in dog 2919

eff. of repeated bleeding on blood clotting & fibrinogen levels in rabbits (Ger) 23602

eff. of splenectomy on blood volume, bleeding volume & tolerance to hemorrh. in dog 47133

eff. of tusain (Ger) 36940

eff. of total body x-irradiation on restoration of blood proteins (Rus) 33560

eff. on autonomic ganglia in dogs (Ger) 23172

eff. on blood electrolytes & hematocrit in young rabbit 47132

eff. on cardiac dynamics & coronary blood flow 495

eff. on erythrocyte volume & distribution in rat after rapid hemorrh., radiochromium determ. 47131

eff. on erythrocyte volume & plasma volume of various organs of dog 12494

eff. on fever in dog & monkey 47130

eff. on lethal dose of digitalin & lanatoside C in guinea pig (Fr) 26938

eff. on pregn. in animals, with x-irradiation (Rus) 51766

eff. on properdin titer in dogs, comparison of single & repeated hemorrh. (Rus) 44014

extravasation & subsequent necrosis induced by arterenol, prev. in rabbit 35703

hemodynamic changes in controlled arterial & venous hemorrh., & evaluation of dextran as blood substitute in dogs 25052

hemorrhagic reactions during protracted anaphylactic shock in guinea pigs 31393

hemostatic breakdown in course of exper. hemorrh. shock in rabbits, nature & mechanism 50455

induction of hemorrhagic skin lesions by bact. endotoxin inject. into mice 31321

induction of ventric. fibrill. & clin. death, restoration of cardiac activity in dogs (Rus) 52978

intravasc. clotting with subsequent hemorrhagic states, induction in dog & pathogen. mechanisms 23462

isolation of toxic factor from blood in hemorrhagic shock 31424

prolongation of survival time in hemorrh. shock in absence of blood or fluid transfusions in dog 38411

residual blood volume required for survival in rapidly hemorrhaged splenectomized dogs 47134

role of blood pressure in hemorrh. in release of fluid into circ. & in trapping of erythrocytes in dogs 12495

*in infant and child*

fatal postop. exsanguinating hemorrh. in adenotonsillectomy in 4-year old 11740

*physiology*

blood coagulation as continuous process during hemorrh. 10344

by anti-gravity suit in severe postop. hemorrh. 28976

*therapy*

arterenol in hemorrh. hypotension (Cz) 2735

recent advances (Sp) 39117

**HEMORRHAGIC DIATHESIS**

*see also* AFIBRINOGENEMIA

*see also* HEMOPHILIA

*see also* PURPURA

(Indonesian) 41875

congen. disord. 7870

factor A defic. (Fr) 54307

factor V defic., review (Fr) 22224

factor VII defic. (Tur) 45483

factor VII defic., congen. (Ger) 4024

factor VII defic., eff. on prothrombin conversion (It) 32109

familial thrombopathy (Fr) 21630

hemophiloid states, diag. & ther. by application of present-day concepts of blood coagulation, review 46432

thrombopathy A 33226

thrombopathy, familial (Ger) 27184

thrombopathy, normalization of prolonged bleeding time by traumatization of ear lobe, failure to explain mechanism of trauma-effect (Ger) 22230

transitory athrombia caused by insuff. of platelet agglomeration & adhesivity (Fr) 32190

vasc. hemophilia (Ger) 10330

10331

vasc. hemophilia, review (It) 42657

*blood in*

serotonin levels in hemorrh. dis. (Fr) 9027

*case reports*

azathrombin of heparin type in adult female (Fr) 32207

caused by circulating anticoagulant (Fr) 54301

diacyclothrombopathy (Fr) 30433

factor VII defic., hered. factors in congen. cases (Ger) 39860

factor VII defic. in young girl (Fr) 31961

pathogen. role of vasc. factors, ther., prednisone (Ger) 55512

prolonged bleeding time with anti-hemophilic globulin defic. as variant of Willebrand-Jürgens thrombopathy (Dut) 7313

telangiothrombopathy (It) 39787

thrombopathy in 5-year old child (Fr) 53033

vasc. hemophilia (Ger) 10328

vasc. hemophilia in 11-year old Hindu girl 5180

with blood coagulation disord. of several phases in child (Ger) 10347

*complications*

acquired thrombocytopathy in uremia 35652

atypical circulating thromboplastin inhibitor in ankylosing spondylitis, case report 3071

cancer of stomach, case report 13166

chronic nephritis, determ. of circulating anticoagulant (Tur) 22149

circulating anticoagulants in pemphigus erythematosus 23710

congen. cardiovasc. defects (Dut) 7301

factor VII defic. with familial hemophilia 4008

favism, relation to erythrocyte anomalies & hered. aspects (It) 13868

hypergammaglobulinemia & anti-thrombin V in rheum. arthritis, review & case report 10346

liver cirrhosis & hypoprothrombinemia, case report (Hun) 43454

parahemophilia & its coexistence with hemophilia, coagulation studies 5267

plasma cell myeloma (Ger) 11029

severe sympt. pseudohemophilia with cancer of stomach, gastrectomy (Fr) 51307

vasc. veils of vitreous body (It) 13935

*diagnosis*

(Sp) 13552

factor VII defic., diag. of congen. case 1155

kaolin clotting time method 4886

review 11924

various tests (Ger) 38899

*differential diagnosis*

by secondary bleeding time 35187

factor VII defic. in newborn (Ger) 34098

hemophilia-like synd., differentiation from true hemophilia 1793

laboratory methods (Ger) 11198

*etiology and pathogenesis*

complexing of euglobulin with factor V, factor VII or prothrombin 1148

pois. by 3-(1-phenylpropyl)-4-hydroxycoumarin (Ger) 39870

radiochlorine-38 after intraperitoneal instillation, case report 35861

ther. with leeches (Rus) 41667

thromboasthenia (Ger) 9331

*experimental*

x-ray induced (Rus) 51768

*in pregnancy*

8136

caused by thromboplastin intoxication after abruptio placentae in familial purpura simplex (Ger) 1790

with uterine hemorrh. (Por) 8831

*pathology*
- abstem & unusual pigmented reticular cells in bone marrow 48057
- blood coagulation, capillaries & skin (Ger) 10329
- thrombopathy, electron microscopy of thrombocytes (Ger) 32328

*therapy*
- blood transfusions (It) 32105

**HEMORRHAGIC DISEASE OF NEWBORN**
- (Fr) 21747
- (Ger) 22845
- etiol. & ther. (Fr) 25450, 25461
- fatal, statist. & case reports of obst. clinic of Milan (It) 13102
- hypoprothrombinemia in newborn inf., findings on thromboplastic activity of serum (Sp) 21127
- non-hemolytic hemorrh. anemia (Ger) 19443
- pathogen., ther. & case reports 40339
- Stuart-Prower factor defic. in newborn, eff. of vitamin K 49316

***HEMORRHAGIC FEVER see*** **EPIDEMIC HEMORRHAGIC FEVER**

**HEMORRHOIDS** 908
- diag. & ther. in GP (Fr) 22179
- phenylbutazone ther. 41000
- rhubarb prep. varemoid ther. (Ger) 42306
- surg. indic. 22018
- with anitis, ther., rhubarb prep. varemoid (Fr) 30973

*complications*
- strangulation, radiother. & surg., comparisons 54540

*surgery*
- hemorrhoidectomy 32066
- indic. for conservative surg. based on anal patterns 24607
- internal, ligation as office procedure 840
- Pitanga Santos operation, technic & results (Por) 53866
- postop. anal malfunct., repair 54746
- retrograde removal of prolapsing hemorrhoids 21857
- surg. indic. (Fr) 38788

*therapy*
- cod liver extract suppositories (Ger) 4053
- general & local ther. in ambulatory cond. (Rus) 18269
- rallitrein with vitamins C & P ther. (Fr) 3713

**HEMOSIDEROSIS**
- idiopathic pulm. (Ger) 6018, 51196
- idiopathic pulm. (Hun) 7697, 7698
- idiopathic pulm. (Sp) 21203
- idiopathic pulm. in adults & adolescents 48188
- idiopathic pulm. in child. 52701
- idiopathic pulm. in young adult 19863

*differential diagnosis*
- hemochromatosis in Ghana natives 22297

*etiology and pathogenesis*
- immunohemolytic mechanism in pathogen. of primary hemosiderosis of lungs (Pol) 30729
- liver cirrhosis, alcoholic (Fr) 3483
- mitral stenosis, causing hemodynamic pulm. nodular hemosiderosis (Sp) 42212
- ostetis deformans causing cutaneous hemosiderosis of legs (Fr) 21393
- pulm., in heart dis. (Fr) 43757

*manifestations*
- spleen x-ray 4449

**HEMOSTASIS**

***see also*** **BLOOD COAGULATION**
- breakdown in course of exper. hemorrh. shock in rabbits, nature & mechanism 50455
- during labor in normal pregn. women (Fr) 44833
- hemostatic balance, review 22231
- in congen. cardiovasc. defects (Fr) 9007
- in diabetic retinopathy (It) 3855
- post-prostatectomy hemostasis with new traction catheter 18157

**HEMOSTATICS**

***see also*** **CELLULOSE**

***see also*** **FIBRINOGEN**

***see also*** **THROMBIN**

***see also*** **THROMBOPLASTIN**
- absorp. & local compatibility (Ger) 29453
- carbazochrome salicylate, non-surg. uses 12781
- clauden aerosol in pulm. hemorrh. (Ger) 22349
- clin. application (Fin) 10064
- eff. on ergotamine-induced necrosis in Galliera sarcoma (It) 1979
- evaluation (Fr) 8254
- fibrin ring in aortic anastomoses in dogs (Cz) 9430
- gelatin-thrombin prep. (Ger) 23891
- gelfoam in surg., review (Ger) 30960
- nitrogen oxide-treated gauze (Rus) 7808
- reptilase in plastic surg., indic. & results (It) 42559
- sponge prep. in prev. & control of post-tonsillectomy hemorrh. 277
- tachostyptan in athletic inj. (Ger) 19447

***HEMOTHERAPY see*** **SEROTHERAPY**

**HEMOTHORAX**

***see also*** **HEMOPNEUMOTHORAX**

***HENOCH'S PURPURA see*** **PURPURA, NONTHROMBOPENIC**
- in extrapleural pneumolysis in pulm. tubere. (Rus) 31229

**HEPARIN**
- chem. structure, review 49461
- clearing test, diag. value in atherosclerosis (It) 6865
- cyclopropane solubility in heparinized blood, eff. of hemoglobin contration 35980
- β-heparin, chem. 4740
- heparinized blood transfusion in asphyxia neonatorum 284
- heparinoid extract from intestinal mucosa, hypocholesteremic & clearing eff. (It) 42672
- heparitin sulfate, properties & characterization 1702
- test, determ. of blood coagulation reactions to strophanthin (Rus) 3562
- test of blood coagulability (Fr) 54312
- tolerance test & heparinemia in premature inf. in neonatal period (It) 29734
- tolerance test by thromboelastography (Ger) 34028
- with calcium chloride in determ. of blood β-lipoproteins, comparison with other methods (It) 37423

*administration*
- comparative eff. of different methods, determ. from clearing activities 34817

*antagonists*
- blood platelet factors, in thrombopenia & thrombopathic synd. in child. (It) 43469
- thrombocytes from brain extracts (Ger) 10338

*determination*
- titration (Fr) 26333

*effects*
- blood on fatty acid esters (It) 1986
- exper. transformation of pulm. macrophages into cells resembling mast cells by intratracheal instillation of heparin, in guinea pigs 46549
- α-heparin on isolated frog heart, mechanism of action (It) 13971
- heparin sodium, on optic density of blood, comparison with cat gastric mucin prep. (It) 36815
- heparin-treated plasma, eff. on synthetic glyceride emulsions (It) 1987
- hypotensive (Pol) 8082
- long-acting heparin prep., on blood coagulation (It) 8359
- on bactericidal activity of rabbit serum against Bacillus subtilis 17404
- on blood coagulation, in dogs, modification by phenylbutazone & trypsin (Fr) 26796
- on blood esterase levels, influence of protamine admin. (Cz) 21557
- on blood lipoproteins after inject. of small quantity in patients with peripheral vasc. dis. (It) 6864
- on blood lipoproteins in arteriosclerosis & thromboangiitis obliterans (Pol) 30818
- on blood platelet agglut. in vitro, comparison of large & small doses (It) 27753
- on blood platelet count in vitro 24405
- on body temperature & blood lipids after intravenous fat emulsion in man 17576
- on cholesterolesterase (It) 1988
- on fibrinolysis activated by streptokinase in vitro (Fr) 54310
- on hypercholesterolemia induced by cobaltous chloride (It) 1985
- on incomplete blood group antibodies (Ger) 23008
- on liver, prod. of watery vacuolation after intravenous inject. into mice 28955
- on peptic ulcer induced by histamine & antihistamines in guinea pig, with somatotropin (It) 51989
- on plasma clearing activity in rabbits (It) 1989
- on potassium exchangeability in rat diaphragm in vitro 12013
- on release of microfilariae of Wuchereria bancrofti into peripheral blood in humans 47613
- on thrombopenia induced by hypothermia in dogs 54697
- on thromboplastin generation in horse 52441
- permeabilizing eff. of heparin & heparin-like substances 7249
- prod. of exper. mastocytosis (Fr) 31115
- regional eff. in dogs, & inactivation by erythrocytes in vitro 10120
- sensitivity, eff. of digitalis, lanatoside C & strophanthin, in normal subjects & in compensated & decompensated heart dis. (It) 39654
- vasc. eff. 38620

*history*
- discovery, 48707, 48709
- prep. & early clin. use 48708

*in blood*
- eff. of ingestion of animal & vegetable fat 4678
- in maternal, umbilical cord & newborn blood, comparison (It) 6851

*injurious effects*
- hypersensitivity, clin. & exper. study (It) 44178
- intramusc. hemorrh. (Ger) 11407
- prolonged internal hemorrh. with acute renal failure (Ger) 51845

*metabolism*
- in various stress cond., metab. as funct. of mast cells in rat (Sp) 53976

*related compounds*
- heparides, chem. (Fr) 38672
- heparides, determ. of their anticoagulant & plasma-clearing properties (Fr) 48793

*therapeutic use*
- Achilles tendon inj. in athletes (Sw) 19944
- arteriosclerosis, comparison with phenylbutyric acid & admin. & dos. (It) 6793
- cerebromeningeal hemorrh. with subsequent Ménière's dis. (Fr) 31930
- diabetic gangrene of foot 51547
- embolism & thrombosis, mixture of heparin & heparin-like substances (Ger) 49141
- embolism, prev. of embolectomy (Ger) 22871
- α-heparin-histone-blood protein prep. in peripheral vasc. disord. in aged (Ger) 11215
- hyperlipemia, sublingual admin. 13009
- hypertension, eff. on renal hemodynamics (It) 39704
- in open heart surg. with pump-oxygenator 54529
- insomnia & ment. disord. in aged, comparison with chlorpromazine (Fin) 54647
- mixture of heparin & heparin-like substances in middle ear deafness & tinnitus (Ger) 27746
- mixture of heparin with heparin-like substances in embolism thrombosis & circ. disord. (Ger) 42320
- purpura fulminans, successful ther. 40282
- thrombo-embolic dis., prolonged ther. (It) 2877
- thromboembolism, without blood coagulation control (Ger) 19427
- thrombophlebitis in pregn. (Dut) 30007
- thrombosis 48712
- thrombosis, arterial (Ger) 25839
- weeping eczema of ear, antibiotic-heparin prep. 3528

***HEPATIC CIRRHOSIS see*** **LIVER CIRRHOSIS**

**HEPATIC COMA** 43139
- (Fr) 29202
- (Sp) 21173
- diag. & ther. (It) 8594
- pathogen. & physiopathol. (Fr) 41910
- pathogen., manifest. & ther. (It) 3888
- review 18791

*blood in*
- ammonia, diag. & ther. value, review (Fr) 11893
- hypokalemia (Pol) 30777
- proteins, electrophoretic changes 329

*case reports*
- intermittent (Sp) 44484
- postop. in ureterosigmoidostomy in liver cirrhosis 18463

*epidemiology*
- in India 40923

*etiology and pathogenesis*
- acetazolamide in ther. of ascitic liver cirrhosis (Ger) 21615
- alcoholic liver cirrhosis, classif., diag. & ther. (Fr) 15685
- ammonia pois. (Sp) 8893
- induction of impending hepatic coma in cirrhotic patients by 6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide, prev. by antibiotics 43130
- portacaval anastomosis in alcoholic, case report (Fr) 36121
- portacaval anastomosis, neurol. manifest., case report (Fr) 36122
- review (Fr) 36122

*experimental*
- blood ammonia changes in dogs after total hepatectomy & abdom. evisceration 10080
- similarity to eff. of ammonium pois. on cerebral acetylcholine biosynthesis in rat 17599

*in infant and child*
- post-hepatitic, ther. & case report (Sp) 37261
- ther. 43508

*pathology*
- clin. & laboratory aspects (Ch) 38372
- needle liver biopsy with peritoneoscopy 49717

*physiology*
- physiopathol. (Ger) 49679

*therapy*
- (Ger) 49683
- (Sp) 20632
- antibiotics, factors affecting progn. 43129
- glutamic acid (Dan) 25829
- management 10436
- methods (Fr) 43967
- neomycin 34875
- neomycin in cases caused by liver failure or by gastrointestinal hemorrh. 26106

## HEPATIC DUCT
- absence of common hepatic duct caused by non-fusion of its right & left branches, surg. & case report (Sp) 37284
- ascariasis, postop., in surg. of extrahepatic ducts (It) 192
- benign strictures, surg. 25682
- case of spontaneous perf. (Hun) 52879
- dyskinesia, review (Fr) 31910
- intrahepatic tumor, cholangiojejunostomy 25044
- obstruct., etiol., diag. & ther. (Sp) 15496
- rupt. in opisthorchosis, with retroperitoneal biliary fistula (Rus) 18879

## HEPATITIS
*see also* ACUTE YELLOW ATROPHY
- cholangiolitic, clin. significance & nosographic picture (It) 24944
- chronic (Fr) 23715
- chronic, etiol., pathol. & surg. (Sp) 8186

*blood in*
- bilirubin, eff. of dehydrocholic acid in acute hepatitis (It) 52080
- glutamic oxalacetic transaminase in chronic recur. hepatitis, eff. of prednisone (Ger) 18341
- iron in acute hepatitis 49718
- proteins, determ. by colloid tests & electrophoresis (Ger) 33902
- sugar after protein load, as pituitary & adrenocortical funct. test (Ger) 49126

*case reports*
- hepatonephritis, non-amaril fatal toxi-infect. (Fr) 14432
- subacute, clin. pathol. conf. 35732
- various forms & stages (Ger) 54364

*complications*
- cholangiohepatitis, with pulm. tuberc., glomerulonephritis, myocardial sclerosis & cardiac arrest, clin. pathol. conf. (Sp) 43935
- diabetes insipidus (Hun) 7709
- ment. disord. caused by icterigenic hepatitis (Fr) 47444
- portal hypertension with hematemesis caused by interstitial hepatitis, case reports (Fr) 6389
- stenosis of inferior venae cavae, incomplete stenosis synd. of retrohepatic & diaphragmatic segment caused by perihepatitis, case report (Fr) 411
- with infectious mononucleosis & purpura (Fr) 54029

*etiology and pathogenesis*
- arsenical, in military personnel in Burma & India, clin. aspects & case reports 48407
- brucellosis, case reports 32507
- carbutamide, with jaundice (Ser) 51680
- hypersensitivity to hexamethylenediamine, in indust. worker (It) 51654
- iproniazid 16513
- iproniazid, case report 30161
- isoniazid & PAS, with dermatitis (Ser) 33367
- lupus erythematosus, case reports 30108
- prolonged 6-mercaptopurine ther. of leukemia 37228
- rheum. fever, pathogen. mechanisms (Fr) 44995

*experimental*
- eff. of choline & vitamin B12 on pathol. changes in liver of rabbits (Rus) 33356

*in infant and child*
- caused by Coxsackie virus, case reports & clin. statist. 159
- Coxsackie virus B encephalohepatomyocarditis in newborn, infect. in utero 30422
- giant cell hepatitis in newborn & inf., etiol. & histopathol. (Hun) 28801
- giant cell hepatitis in newborn, physiopathol. (Ger) 45797
- with measles & liver cirrhosis, case report (Sp) 46669

*in pregnancy*
- causing abnorm. (Ger) 12078

*metabolism*
- (Rus) 10233
- nitrogen, eff. of ACTH, cortisone & somatotropin in toxic hepatitis in rats (Rus) 13851
- vitamin B6 metab. in toxic hepatitis (Rus) 33349

*pathology*
- positive L.E. cell test in chronic cases, relation to liver lesions in disseminated lupus erythematosus 51323

*physiology*
- eff. of vitamin B12 admin. on liver funct. & course of dis. (Rus) 33353
- enzyme activity in liver in posthepatitis hyperbilirubinemia (Ger) 6068
- pre-icteric stage in anicteric hepatitis (Fr) 36642

*therapy*
- baiseol. in chronic hepatitis (Bul) 45307
- chloroquine, in emetine-resist. amebic hepatitis (It) 9299
- chronic, lipotropic factors as diet supplement (Rus) 45173
- cortisone (Ger) 38996
- L-cysteine- dL-homocysteine thiolactone-fructose prep. (Ger) 42943
- epinephrine as cortisone substitute (Ger) 22967
- triamcinolone, in viral & chronic sclerosing hepatitis, clin. study & review (It) 47820
- vitamins B12, C & PP with folic acid (It) 29598

***HEPATITIS, HOMOLOGOUS SERUM*** *see* JAUNDICE, HOMOLOGOUS SERUM

## HEPATITIS, INFECTIOUS
*see also* JAUNDICE, HOMOLOGOUS SERUM
- 30436
- (Dut) 15795
- classif. & progn. (Rus) 10883
- in dog in Philippines 4652

*blood in*
- azurophilic lymphocytes (Ger) 49073
- cholesterol & lipids, eff. of admin. of choline & vitamin B12 (Rus) 33355
- colloid reaction & electropherogram correlates (Ger) 27188
- free amino acids, chromatography (Pol) 43652
- glutamic oxalacetic & pyruvic transaminases (Ger) 49102
- hypokalemia, with hepatic coma (Pol) 30777
- iron, eff. of prednisolone (Ger) 22755
- isolation of agent from infect. hepatitis serum, cytopathogenic eff. on monkey tissue culture cells & maintenance of agent in tissue culture (Ger) 34479
- prothrombin activity in acute viral hepatitis, eff. of admin. of α-lipoic acid (It) 13946
- zymohexase increase (Rus) 45210

*case reports*
- clin. manifest. in contact & inoculation types of infect. hepatitis (Bul) 32794
- in patient with complete thyroidectomy 24417

*complications*
- acute abdom. case reports (Ger) 10294
- cerebellar (Rus) 34704
- congestive heart failure (Pol) 30731
- Cruveilhier-Baumgarten synd. (Ger) 15466
- disseminated lupus erythematosus, clin. aspects & postmortem pathol. 5652
- jaundice, gastric & duodenal ulcer (Pol) 20466
- late sequels (Pol) 53188
- liver cirrhosis (Rus) 45101
- liver cirrhosis, autopsy (Ger) 54384
- liver necrosis & postnecrotic cirrhosis caused by anicteric viral hepatitis, clin. manifest. & pathol. 570
- myocardial dis. (It) 36204
- possible causation of liver cirrhosis & liver cancer 1091
- pulm. tuberc., ACTH & prednisone ther., eff. on blood transaminase (It) 9297
- recur. jaundice as seq. (Rus) 32895
- relation to postnecrotic liver cirrhosis 18383
- remote seq. (Rus) 45172
- resp., intestinal & endocrine compl. (Sp) 20622
- segmental myelitis, case report (Fr) 6328

*diagnosis*
- laboratory methods in nonicteric forms (Rus) 10883A

*differential diagnosis*
- homologous serum jaundice, hemagglut. test 27544
- leptospirosis, by blood mucoprotein determ. (Por) 39983

*epidemiology*
- in E. Germany (Ger) 49026
- in inmates of penal institution 24986
- in Italian navy (It) 19212
- 24946
- in large cities (Rus) 11496
- in military personnel in Burma & India, etiol., epidemiol. & ther. 48407
- in Rumania (Rus) 55834
- in surgeons (Rus) 45240
- in Swedan (Sw) 30210

*experimental*
- mouse hepatitis virus infect., susceptibility of cortisone-treated mice 31315
- resist. of white mice, review (Ger) 34072

*history*
- war-time epidemics (Ger) 19064

*immunology*
- hemagglut. 53594
- indirect hemagglut. test for detecting infect. canine hepatitis virus antibodies 15236

*in aged*
- clin. picture (Rus) 45103

*in infant and child*
- benign, in child. hospitalized at Hosp. Infantil de México, incidence & clin. & serol. aspects (Sp) 37255
- blood aldolases, diag. value (Rus) 7867
- blood pressure determ. (Rus) 7898
- blood proteins (Rus) 7859
- causing liver cirrhoses (Rus) 7869
- causing pseudohuetic skeletal changes (Ger) 52176
- clin. manifest. & laboratory diag. (Rus) 45252
- clin. statist. (Rus) 43443
- clinico-epidemiological features (Rus) 7864
- eff. of oral protein load on blood amino acids (Ger) 13090
- in newborn, giant cell hepatitis with postnecrotic cirrhosis & rickets, clin. pathol. conf. 28513
- recur. (Cz) 14848
- recur., incidence (Ger) 15345
- ther., ACTH, cortisone & prednisone, statist. (Cz) 14847
- with chickenpox (Ger) 6720
- with hepatic coma (Sp) 37261

*in pregnancy*
- 2987
- blood proteins, electrophoresis (Ger) 46099
- indic. for ther. abortion (Rus) 9866
- progn. (Rus) 46811
- relation to primary liver cancer in inf. (Rus) 45106

*metabolism*
- (Rus) 10233
- carbohydrate metab. in liver, eff. of choline admin. (Rus) 33354

*pathology*
- liver changes, value of cholecystography (Rus) 45102

*physiology*
- ECG (Bul) 16420
- liver funct., eff. of vitamin B2 admin. (Rus) 33344
- liver funct., eff. of vitamin B6 admin. (Rus) 33348
- liver funct. tests, progn. value (Rus) 45209
- petechial cupping reaction (Pol) 30751
- pre-icteric stage (Fr) 36642

*prevention and control*
- in Russia (Rus) 45251

*surgery*
- liver decompression by drainage of common bile duct 47237

*therapy*
- (Sp) 44574
- cortisone (It) 26621
- mercurophylline (Bul) 45314
- neostigmine & vitamin C (Ser) 21959
- prednisone (Fr) 6387
- prednisone (Ger) 19380
- vitamin B6, comparison with vitamin B complex prep. containing no B6 (Rus) 33350
- vitamin B12 (Rus) 33352
- vitamin C, large doses (Ger) 22968

*urine in*
- vitamin B2 excretion after parenteral admin. (Rus) 33343

*virus*
- canine, histopathol. lesions of chorioallantoid membrane of chick embryo cultures (It) 9351
- tissue culture (Rus) 33657

***HEPATOBLASTOMA*** *see* HEPATOMA

## HEPATOLENTICULAR DEGENERATION
- (Rus) 20301

caused by chlorpromazine (Rus) 46313

causes, review (Rus) 55649

ceruloplasmin in normal subjects & homo- & heterozygote subjects for Wilson's dis. gene, electrophoresis (Fr) 21270

copper metab. in normal relatives of patients with Wilson's dis. 4094

copper storage dis., mechanism 35650

dimercaprol & β,β-dimethyl cysteine ther. 53536

β-β-dimethyl cysteine ther. 46927

genetic aspects 53535

Jacob-Creutzfeld synd. (Fr) 27347

pathogen. & ther., review 34889

progn. aspects of subclin. forms (Ger) 52227

ther. (Rus) 34810

urinary amino acids in siblings of consanguineous parents (Sp) 1561

Wilson's dis. 18470

Wilson's dis., biochem. manifest. (Nor) 10380

Wilson's dis., diag. & ther. 2027

with familial hyperaminoaciduria, in several members of one family (Sp) 31805

## HEPATOMA

## *HEPATOLIENAL FIBROSIS see* ANEMIA, SPLENIC

### *case reports*

with metastasis (Ger) 23110

### *complications*

in schistosomal liver cirrhosis with spontaneous rupt. 38413

metastatic, with liver cirrhosis, clin. pathol. conf. 52630

spontaneous hypoglycemia in massive hepatoma, review of current concepts & case report 46435

### *experimental*

ameboid motility of ascites hepatoma cells & its significance for their invasiveness & metastatic spread 38093

changes in nitrogen & proteins of blood returning from liver in DAB-treated rats (It) 55092

p-dimethylaminoazobenzene-induced ascites hepatoma of rat, transitional changes of neoplastic characters in course of serial transfers 49671

eff. of adrenalectomy on incidence & time of appearance, in female rats (Fr) 26747

free-radical content in rat hepatoma, determ. by electron spin resonance technic 29832

growth-promoting substances for rat ascites hepatoma cells in tissue culture 4334

in rats, review (Fr) 24221

inductive eff. of rat ascites hepatoma on amphibian competent ectoderm 39451

nucleolar size & ribonucleic acid content in rats on high- & non-protein diets 35357

phosphatase activity in rats (Ger) 23604

### *metabolism*

activation of methionine for transmethylation in rats, comparison with regenerating liver (Ger) 34175

carbohydrate metab. of rat ascites hepatoma cells in tissue culture 16440

deoxyribose-5-phosphate in malignant hepatoma of rats 4739

formate incorporation into tissue nucleic acids of rats with hepatoma 14624

glucose-6-phosphate metab. pathways in Novikoff hepatoma 2704

purine-metabolizing enzymes in Novikoff hepatoma 2701

ribonucleic acid content in DAB-induced hepatoma, comparison with liver content (Fr) 44614

tumor tissue content of nucleic acids, proteins & ribonucleases (Fr) 21286

vitamin B12 distribution in hepatoma-bearing & normal rats, isotopic & microbiol. determ. 2682

## HERBICIDES

copper-free cpds. with activity against cryptogamic plants (It) 37396A

herbicidal activity of plant growth substances of 2,3-, 3,6-dichloro & 2,3,6-trichloro derivs. of benzoic, phenylacetic & phenoxyacetic acids 19644

### *effects*

acrolein in control of submerged weeds & dis.-carrying water snails 54418

AE-1, on water plants (Rus) 33163

2,4-D on thyroidal radioiodine uptake in rats 35373

2,3-dichlorobutyric acid inhib. of enzymic synthesis of pantothenic acid 44954

## HEREDITARY SPINAL SCLEROSIS

with cardiopathy (Fr) 37901

with Charcot-Marie dis., case reports (It) 54273

with Charcot-Marie-Tooth dis. & external ophthalmoplegia, familial cases 48136

## HEREDITY

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

*see also* EUGENICS

*see also* GENETICS

collective contributions of Darwin, Mendel & Galton. 18430

definition & relation to potential energy & creative energy (Por) 36893

familial physiopathol. study (Fr) 21318

genetic aspects of hereditary dis. (Ger) 33917

hered. aspects of dis., review 48389

hered. dis. in royal families 32484

hereditary or acquired nature of prenatal aberrations of constitutional develop., anat.-histol. study (Ger) 34208

heredity-environment problem 8418

in normal & abnorm. cond. (Rus) 33468

inbreeding with selection & linkage, theoretical statist. analysis 24972

nucleoprotamines as carriers of hered. traits (Ger) 29792

of dis., statist. estimation, method (Fr) 5130

Pavlov's views of Lamarck's theory 21660

tissue transpl. & cellular hered. 10211

## HERMAPHRODITISM

*see also* ADRENOGENITAL SYNDROME

androgynoid pseudohermaphroditism with left inguinal hernia 42594

diag. & ther. (Ger) 11314

diag. & ther., review 7451

familial true hermaphroditism in pre- & post-puberal genetic female siblings 40668

female, pseudohermaphrotidism 20699

female, pseudohermaphroditism, case report 6977

female, pseudohermaphroditism, non-adrenal 35345

female pseudohermaphroditism, non-adrenal, with persistent cloaca 7869

female pseudohermaphroditism, personality & sexual activity (Ca) 36345

female pseudohermaphroditism without adrenal cortex hypertrophy (It) 20230

female pseudohermaphroditism without adrenal hypertrophy sex chromatin determ. (It) 30217

female, pseudohermaphroditism, without congenital adrenal hyperplasia (Fr) 30229

feminizing synd. in male pseudohermaphrodite identical twins 10456

funct. hermaphroditism in serranid fish 54396

genital infantilism, aplasia of labia minora & ovarian sclerosis in genetically male women (Fr) 36059

gonadal dysgenesis in 6-year boy with a fallopian tube & undifferentiated gonad 4848

in hamster, postmortem anat. & histol. study in naturally-occurring case 12942

intersexual states, review 39974

intersexuality in inf., sex chromatin determ. 49512

intersexuality, sex determ. (Ger) 18331

intersexuality with feminizing testicle (Sp) 8167

intersexuality with gonadal dysgenesis, nuclear sex determ. (Ger) 15985

male pseudohermaphroditism (Fr) 6422 9190 26212 41477

male pseudohermaphroditism (Ger) 49753

male pseudohermaphroditism (Sp) 44390

male pseudohermaphroditism, clin. & histopathol. aspects (It) 27366

male pseudohermaphroditism, feminine type, in 3 sisters 26126

male, pseudohermaphroditism, psychol. importance of early determ. of true sex (Pol) 27610

male pseudohermaphroditism, removal of immature testes & supportive estrogen implants (Fr) 36057

male pseudohermaphroditism with congen. abnorm. of extremities & hypertrophy of 2nd toe (Fr) 19349

male pseudohermaphroditism with diagerminoma (Pol) 30749

male pseudohermaphroditism with intra-abdom. seminoma (Ger) 27702

male pseudohermaphroditism with testicular feminization (Ger) 18989

male pseudohermaphroditism with testicular feminizing synd. in identical female twins 7626

masculinization of female inf. caused by maternal progesterone ther. 48505

pathogen. & ther. (Por) 21022

pseudohermaphroditism, external, in two brothers, surg. (Ger) 11413

pseudohermaphroditism in sisters (Ger) 33823

pseudohermaphroditism, sex determ. (Fr) 2490

pseudohermaphroditism with abdom. diagerminoma (It) 35539

pseudohermaphroditism with Turner's synd. in male (Sp) 8723

sex differentiation (Fr) 29219

sexual dimorphisms, classif. (Sp) 8702

true & pseudohermaphroditism, diag. & manifest. 48594

true hermaphroditism, with presence of gonads in sac of bilateral inguinal hernia (It) 42658

## HERNIA

*see also* ENCEPHALOCELE

posterior vaginal, symptomatol. & surg. (Dut) 30005

recur. incisional hernia, prev. & surg. 54848

### *complications*

bilateral lumbar hernia in Petit's triangle with assoc. abnorm. 2154

strangulated mesenteric ileocecal mesenteric & inguinal hernias 8014

### *diagnosis*

x-ray diag. of small hernia (Rus) 41697

### *in aged*

surg., herniorrhapy in advanced age group 35877

surg., results in Copenhagen hosp. 38844

### *surgery*

full-thickness buried boiled skin graft for repair of large hernias & eventrations, technic 17509

Henry technic (Por) 35963

postop. blood proteins, electrophoresis (It) 53769

repair of incisional hernias with plastic marlex mesh, technic 35934

repair using pliable synthetic mesh 54757

skin transpl. for closure (Hun) 52885

statist. (Sp) 39098

tantalum mesh (Por) 53852

### *therapy*

rehabil. & prev. of mortal. in rural areas (Rus) 10237

## HERNIA, DIAPHRAGMATIC

15905 22288 22289 35689

(It) 24967

(Sp) 8805 18842 44523 49154

clin. aspects (Fr) 54607

clin. significance (Ger) 22792

27382

congen., diag. & surg. (Ger) 3285

review & case reports (It) 25569

sliding, physiopathol. & surg. indic. & technics 19899

subcostosternal, etiol., pathogen. & clin. aspects (Hun) 10592

### *case reports*

embryonic, in two first cousins, without other anomalies (Fr) 25500

in pericardium 3171

indirect traum. 8001

posterior mixed parasesophageal type (It) 194

post-traum. (Sp) 44548

traum. cases, x-ray aspects (It) 9344

traum. rupt. of diaphragm with immediate hernia 33874

### *complications*

atrophagy with diaphragmatic hernia & relaxation in 4th cervical myotome synd. (Ger) 29473

anemia, clin. statist. (Fr) 36632

cardiovasc. dis., case reports (Fr) 43766

cholelithiasis & diverticulosis, incidence & clin. features of the triad 4480

congen., with multiple abnorm. (Rus) 55268

coronary dis., diag. (Fr) 7858

N,N-diethylleucinon-p-aminobenzoic acid methanesulfonate (Ger) 49044

esophageal peptic ulcer induced by prednisone 34415

gastric occlusion & intrathoracic perf. of gastric ulcer of greater curvature 872

gastric ulcer 18398

herniation of gastric volvulus through long-standing traum. diaphragmatic hernia 882

herniation of liver through right diaphragm, differ. diag. from diaphragmatic eventration 37634

Klippel-Feil synd. 41073

motor paralysis (Ger) 52561

obstruct. incarceration of pylorus, pancreas & duodenum 23501

peptic ulcer of herniated stomach, case report 32533

postop., with esophageal stricture after peptic ulcer surg. with naso-gastric intubation 2243

strangulation 29061

strangulation in abdom. contusion, surg. (Sp) 25945

strangulated post-traum., x-ray aspects (Fr) 18000

strangulation, unrecognized cases (Fr) 30519

trigeminal neuralgia, mesencephalotomy alone or with mesencephalothalamotomy 55753

***diagnosis***

errors (Ger) 18996

esophagoscopy, indic. & technics 19697

gastroscopy (Fr) 35148

sympt. 19898

symptomatic hiatus hernia 40289

x-ray (Bul) 32780

x-ray diag., technics 33878

x-ray in congen. hernia (Hun) 29163

x-ray, prone-pressure device for visualization 12392

***differential diagnosis***

heart dis. (Ger) 36109

myocardial infarct (Rus) 9907

projected gastric gas bubble & flexure of colon, x-ray (Ger) 39384

***etiology and pathogenesis***

(Sp) 44522

anat. & phys. factors, review (Sp) 21111

diaphragmatic defic. in retrocostoxiphoid area 54659

malform. of diaphragm (Ger) 32300

pulm. lipoma, case report (Sp) 25959

traum. (Fr) 54457

***in infant and child***

congen., hosp. statist. (Sp) 31059

congen., in newborn (Ger) 1030

congen. in newborn & inf. causing cyanosis & dyspnea, case reports (Fr) 43743

congen., x-ray diag. (Fr) 41387

in newborn, case reports (It) 191

in newborn, case report (Rus) 18240

massive gastric herniation, x-ray aspects (Fr) 41384

parasternal (Ger) 6014

strangulation (Ser) 21963

x-ray diag. of hiatal hernia & funct. disord. of cardia, technic 40465

***physiology***

cardiac sphincter tone 6204

***surgery***

11809

(Sp) 44524

abdom. method, in hiatal hernia (Sp) 8193

cardioesophageal junction, anatomical factors 19894

esophageal, technic 48428

herniorrhaphy, right-sided approach 2212

indic. & contraindic. (Fr) 49694

peritoneo-pericardial diaphragmatic hernia, case report 25047

pleural cupula, thoracic approach (Fr) 2014

postop. dehiscence of stomach through counter-incision in diaphragm 1228

postop. recur., case report (Sp) 53331

repair by abdom. route, technic 35923

results 11810

surg. anat. 51160

thoracoabdom. repair in esophageal hernia 54765

***therapy***

artif. pneumoperitoneum in esophageal hiatal hernia 12794

## HERNIA, FEMORAL

anat., clin. & reparative aspects, review 32055

***complications***

acute intestinal obstruct., surg., subumbilical approach (Sp) 50635

fistula & phlegmon, surg., intraabdom. resection (Fr) 51374

strangulated crural hernia containing Meckel's diverticulum (It) 7731

strangulation, review 47583

***differential diagnosis***

large saphenous vein aneurysm (Rus) 18259

***surgery***

Bassini & McVay methods, comparative results 11888

hernioplasty, basic surg. concepts 13309

myoplastic technic for closure of femoral canal (It) 53778

plastic repair (Rus) 33219

repair technics in femoral hernia after inguinal herniorrhaphy & of other causes 25051

results 36318

***HERNIA, HIATUS*** *see* **HERNIA, DIAPHRAGMATIC**

## HERNIA, INGUINAL

***case reports***

inguino-interstitial (Sp) 1830

***complications***

congen., strangulation of appendix in hernial sac (Rus) 32565

inguino-scrotal, with volvulus simulating strangulation of hernia, differ. diag. & surg. (It) 9301

left inguinal hernia in subject with external androgynoid pseudohermaphroditism (It) 42594

of appendix with appendiceal mucocele & pseudomyxoma peritonei (It) 15890

scrotal with bladder prolapse (Rus) 55162

strangulated, with mesenteric ileocecal hernia 8014

strangulation causing intestinal obstruct. 36329

***diagnosis***

large inguinal ring, diag. significance 14544

scrotal, of sigmoid colon & stomach, x-ray 51552

***etiology and pathogenesis***

(Fr) 41127

acrobatic flying in aviators (It) 19220

***in infant and child***

congen., relation to embryol. develop. & descent of testes 10112

congen., repair (It) 43460

early surg. 170

embryogenesis & surg. in females 22083

surg., indic. & contraindic. (Ger) 54337

surg. with contralateral inguinal exploration 22036

sympt. & surg. repair in female inf. 25050

with incarceration of Meckel's diverticulum, in newborn inf. 5731

***surgery***

alloplasty using polyvinyl prosth. (Rus) 51170

Bassini & McVay methods, comparative results 11888

hernioplasty, basic surg. concepts 13309

herniorrhaphy causing right iliac artery inj., circular mechanical suture in repair (Rus) 15266

herniorrhaphy, repair technics for postop. femoral hernia 25051

herniorrhaphy with simultaneous appendectomy 47596

indic. & tecnic 28312

interstitial (Sp) 1840

technics (Rus) 9858

## HERNIA, INTERNAL

causing intestinal obstruct. 34973

congen. 47246

interstitial of Petit's triangle, pathol., surg. & case report (Sp) 8209

obturator hernia causing intestinal obstruct., case report 34973

paraduodenal hernia, with simultaneous peptic ulcer (Ger) 11404

perineal, caused by abdomino-perineal amputation of rectum, surg. ther. (Fr) 31056

posterior perineal, voluminous, with anterior protrusion (It) 25705

sliding hernias of large intestine & urinary bladder (Rus) 5992

strangulation of transmesenteric hernia causing intestinal obstruct. 33480

through foramen of Winslow 38007

## HERNIA, UMBILICAL

congen. (Fr) 51518

interuterine rupt. of omphalocele causing intestinal ectopia (Ger) 42868

omphalocele, surg. (Ger) 26169

plastic in infra-umbilical median eventration (Sp) 8203

surg., simplified technic 46531

technic 12775

with duodenal stenosis in newborn, case report 47252

## HERNIA, VENTRAL

duplication of rectus musc. sheath & plastic surg. of dermis in subumbilical hernia (Fr) 6405

epigastric, differ. diag. from myocardial infarct 27550

epigastric, intra-abdom. strangulation (Rus) 9873

lateral type (Sp) 32453

skin grafts in eventrations (Fr) 35047

skin ulcers in neglected ventral hernia, case report 22728

technic of closure for extremely large abdom. hernias 40961

technic with autograft for extensive traum. & postop. laparocele (It) 44343

***HEROIN*** *see* **DIACETYLMORPHINE**

## HERPANGINA

isolation of group A Coxsackie virus (Cs) 14798

## HERPES

review (Fr) 44774

simplex 6962

12481

***case reports***

herpes labialis with B virus infect. 14709

***complications***

Kaposi's varicelliform eruption (Fr) 51388

***etiology and pathogenesis***

Kiel exanthem 1958 (Ger) 42355

***experimental***

corneal responses to repeated inoculation with herpes simplex virus in rabbits 47026

in newborn mouse, histopathol. 5684

simplex, immunol. relations to vaccinia in mice (Ger) 46337

***immunology***

herpin antigen, diag. & ther. use, review 38660

paraimmunol. relation to polio., review (Rus) 33643

***in infant and child***

epidemiol. (Ger) 51334

generalized, with Micrococcus pyogenes septicemia, in newborn 35351

newborn (Fr) 54144

severe, diag. & ther. (Fr) 24282

severe herpes (Fr) 54597

simplex infect. with acute acquired hemolytic anemia, case report 36534

***in pregnancy***

gestationis, case report 20107

herpes gestationis, etiol., degen. of placenta with excess gonadotropins & serum histamine (It) 42572

***therapy***

polio. immune human globulin in herpetiform lesions of mouth, AMA council report 4470

prednisolone trimethylacetate in herpes cornea (Ger) 28905

recur. herpes (It) 27645

vaccinia vacc. 41043

zinc cauterization in herpes cornea, postther. acute anterior disseminated subepithelial cataract of Vogt (Ger) 28902

***virus***

electron microscopy of herpes virus cultured on HeLa cells 17299

form. of microscopic plaques in HeLa cell cultures 22589

growth on HeLa cell cultures, eff. on desoxyribonucleic acid distribution 17884

growth on HeLa cells, quantitative studies 17300

homotypic non-exclusion by vesicular stomatitis virus in chick cell culture 17310

isolation from patient with erythema multiforme 7415

mechanism of intercellular transfer 42979

mechanism of multiplication in vitro 14090

resist. of tissue cultures infected with Newcastle dis. virus or mumps virus to herpes virus 5015

shortened latency induced by multiple infect. by vesicular stomatitis virus in chick cell culture 17309

simplex virus in HeLa cultures, eff. of specific antibody on virus activity 34854

## HERPES ZOSTER

of head region, review (It) 30353

***case reports***

(Sw) 22134

cranial nerves 41061

gastrointestinal tract (Ger) 33830

in adult in contact with child with chickenpox 33

in x-ray ther. of breast cancer (Pol) 20467

***complications***

ascending quadriplegia with thoracic herpes zoster, fatal develop. (Fr) 37862

cranial nerve paralysis (It) 27666

ear (Ger) 11262

gangrenous zoster in lymphatic leukemia, with generalized varicella-like rash (It) 28710

generalized, in patients of Hodgkin's dis. & lymphatic leukemia (It) 29693

Guillain-Barré synd., pathomorphol. (Ger) 27172

ophthalmic with chickenpox, etiol. relation 24549

ophthalmic, with contralateral hemiplegia 5503

post-herpetic pain, ther., ultraviolet rays 20373

relation to chickenpox (Pol) 31538

relation to chickenpox (Rus) 7883

segmental dorsal myelitis & cauda equina synd., case report (Fr) 18564

***immunology***

herpes attack causing develop. of positive Nelson reaction in a cured syphilitic with negative serol. (Fr) 2409

positive Nelson test in cured syphilis (Fr) 41950

***in infant and child***

facialis, case report 15045

in newborn inf., case report (It) 20211

ophthalmicus 13421

***therapy***

(Fr) 15193

ATP (It) 3648

chloramphenicol-tetracycline prep. (Sp) 15481

emetine in herpes zoster ophthalmicus (Ger) 30631

gamma globulin 10255

***virus***

immunol. studies with virus cultured in vitro 28325

isolation from CSF of affected patient 10874

isolation, propagation & cultural characteristics in vitro 28324

## HETEROCYCLIC COMPOUNDS

***see also*** **ACRIDINES**

***see also*** **AZOLES**

***see also*** **FURAN DERIVATIVES**

***see also*** **INDOLE**

***see also*** **PIPERAZINES**

***see also*** **PURINES**

***see also*** **PYRANS**

*see also* PYRIDINES

*see also* PYRIMIDINES

*see also* QUINOLINES

*see also* THIOPHENES

6-β-aminoethyl-5-oxo-3-thio-1,2,4-triazine (Ger) 7975

aromatic heterocyclic N-oxides, new deoxygenation reaction 2827

azaphenoxazine deriv. (Ger) 14910

hexahydrojulolidine stereoisomers, comparison of quarternary form. reactions at the ring nitrogen (Ger) 14913

nitrogen-containing heterocyclic ketones, prep. & relation of chem. structure to eff. (Ger) 7969

pastinacin, isolation from Pastinaca sativa & vasotonic & spasmolytic properties (Rus) 49432

1-phenyl-quinoxazolino[2,3-d]-Δ3-pyrazoline in identification of reducing sugars (Fr) 36175

polarographic reduction of sulfur-containing heterocyclic cpds. (It) 48099

thiazasthene analogs of pharmacologically active phenothiazines (Ger) 1581

thiophene & its deriv., prep. & pharmacol. (Fr) 32930

tropane as source of various drugs 12974

*effects*

2-benzenesulfonamido-5-alkyl-1,3,4-thiadiazole deriv. causing inhib. of glucose-6-phosphatase 50261

2,4-diamino-s-triazine & other s-triazine deriv., diuretic activity in rats & dogs 41283

3,3-dimethyl-1-phenyltriazene on sarcoma growth in mice, influence of glucose inject. 31300

1,4-dipyrrolidino-2-butyne, cortical & subcortical electric eff. 11661

1,4-dipyrrolidono-2-butyne induction of tremors in mice, antag. by various drugs 5746

1,4-dipyrrolidino-2-butyne potentiation of anesth. & analgesic actions in mice (Ger) 39883

1,4-dipyrrolidino-2-butyne, tremor inducing drug, margin of safety in mice (Fr) 9524

fungicidal eff. (Pol) 31508

heterocyclic acids, hypoglycemic eff. in rabbits 46802

3-(1-hexahydroazepine)-propionyl hydrazide on cardiovasc. system, mechanisms 17932

2-isopropylimino-3-(p-chloro) phenylamino-phenazine on exper. tuberc. (Ger) 25810

lactones, anthelmintic eff. 16720

lactones, steroid & non-steroid, on funct. & potassium exchange in isolated perfused guinea pig ventricle 51074

phenazine methosulfate on pathways of glucose catabolism in breast of pregn. & lactating rats 52414

quinoxaline cpd. on Rickettsia prowazekii, resist. 50339

*HETEROPHOSPHATASE see* TRANSPHOSPHORYLASES

*HETRAZAN see* ANTHELMINTICS

HEXACHLOROPHENE

antibact. eff., mechanism of action 5756

assay in solid & liquid soaps, emulsions & dusting powders 20314

chelate form. with metal ions 5755

pentachlorophenol eff. on ATPase activity & contractility of rabbit psoas musc. 47936

HEXAMETHONIUM COMPOUNDS

hexamethonium dibromide, analysis & properties (Fr) 1061

*effects*

hexamethonium, protective eff. in exper. pulm. embolism in dogs 32075

on carbohydrate & phosphorus metab. in skeletal musc. (Rus) 33180

on histamine-induced contractions of isolated rabbit intestine (Fr) 15120

on liver regen. & develop. of fatty liver after exper. partial hepatectomy in rats (It) 37389

on responses of peripheral effector cells to arterenol, epinephrine & postganglionic stimulation in cats 48239

on specific dynamic action of proteins in rats (It) 37397

on thyroid tissue metab. in mice & rats (Rus) 33181

*injurious effects*

interstitial pneumonitis 46437

*therapeutic use*

hypertension (Dan) 1629

peptic ulcer (Rus) 33174

venous hypertension in congestive heart failure (Sp) 20633

*HEXOKINASE see* TRANSPHOSPHORYLASES

HEXOSEPHOSPHATES

colorimetric determ. of inorganic phosphorus in presence of glucose-1-phosphate & adenylpyrophosphate 29863

*determination*

galactose-1-phosphate, determ. with galactose-1-phosphate uridyl transferase 13748

glucose-1-phosphate & glucose-6-phosphate, chromatographic separation 19559

hexosephosphate esters in tissue extracts (Ger) 34034

*effects*

glucose-1-phosphate on callus form. in fract. in rats (Rus) 41626

6-phosphogluconic acid inhib. of phosphoglucomutase 34013

6-phosphogluconic acid inhib. of phosphoglucomutase in vitro (Rus) 28797

*metabolism*

conversion to heptosephosphates in rat liver homogenates, enzyme mechanisms (Fr) 26336

eff. of inorganic phosphates on pathways in ascites tumor cells in vitro 21714

fructose-6-phosphate cleavage by fructose-6-phosphate phosphoketolase from Acetobacter xylinum 40477

glucose-6-phosphate & fructose-6-phosphate, non-oxidative conversion to sedoheptulose-7-phosphate in rat skeletal musc. (It) 15677

glucose-6-phosphate cycle & glycolysis in smooth musc. of pigeons (Ger) 49883

glucose-6-phosphate metab. pathways in Novikoff hepatoma 2704

glucose-6-phosphate, non-oxidative conversion to sedoheptulose-7-phosphate in animal kidney prep. (It) 14001

hexose monophosphate shunt in glucose catabolism in ascites tumor cells 26463

hexosemonophosphate shunt, relation to adaptive hyperlipogenesis in rat 27250

musc., eff. of glucose loading on content of musc. in normal & diabetic mice (Ger) 49905

non-oxidative hepto-form. from hexosephosphates in musc., mechanism (It) 39226

oxidation in extracts of Bacillus cereus spores, mechanism 50332

oxidative pathways in neoplastic tissues in vitro 26006

radiocarbon distribution after admin. of labeled glucose & eff. of recycling in pentose cycle 40476

*therapeutic use*

glucose-1-phosphate in heart dis. (Por) 16132

HEXOSES

*see also* FRUCTOSE

*see also* GALACTOSE

*see also* GLUCOSE

*see also* MANNOSE

*see also* SORBOSE

*determination*

3,6-dideoxy-D-glucose, identification with paratose 19589

hexosamine-collagen ratio of connective tissue in relation to urinary steroid level 27563

hexosamines, review 6759

levan fractions from Bacillus subtilis, reaction with human blood causing precipitation of lipoproteins (Fr) 38696

mutarotation in various solvents, comparison (Fr) 26303

*effects*

on positive & negative conditioned reflexes in dogs (Cz) 21567

*in blood*

hexosamine determ. in scleroderma (Rus) 41622

hexosamine excess caused by stress, role of liver 32228

hexosamine excess, relation to stress 32227

protein-bound, eff. of aging & sex (Ger) 46069

*in cerebrospinal fluid*

in African trypanosomiasis (Fr) 26776

*in urine*

eff. of tetrahydromaphthylamine on excretion in rats (It) 37402

*metabolism*

conversion to ribose in untreated & chlorobutanol-stimulated rats, failure to demonstrate C-6 oxidative pathway 28232

eff. of exper. funct. disord. of cerebral cortex in dogs (Cz) 9496

fetal drain of hexose, relation to etiol. of ovine pregn. toxemia, review 15237

hexosamine/collagen ratios in rat connective tissues, eff. of corticone 31381

tumor cells, competitive utilization of fructose, mannose & glucose in ascites tumor cells 46578

*preparation of*

2,5-anhydro-L-idose by acid hydrolysis of 1,2-O-isopropylidene-5,6-anhydro-α-D-glucofuranose 47701

chem. synthesis of hexose & hexosamine sulfates 52389

HEXYLRESORCINOL

ther. of osteoarthritis & rheum. arthritis, statist. 21408

HIBERNATION

blood protein changes in hibernating hamsters 30785

brain bioelectric potentials in hamsters awakening from hibernation (Ger) 33931

eff. of adrenalectomy in hamster (Fr) 26832

eff. of cysteine on radiophosphorus-induced inhib. of deoxyribonucleic acid synthesis in hibernating animals (Ger) 32677

eff. on liver histotopochem. in bat Rhinolophus hipposideros (Fr) 15133

epinephrine-arterenol ratio in adrenal glands of hedgehog during hibernation 42954

high-energy phosphate levels in organs of squirrels during hibernation & after arousal 13534

histol. of colon, small intestine & stomach in hibernating arctic ground squirrels, comparison with warm & active animals 12929

induction of tuberc. in hedgehogs during hibernation, comparison with summer infect. (Ger) 37012

metab. adaptations in mammals 49455

49458

pattern, timing & predictability of hibernation in ground squirrel 47099

thermoregulatory, brain & behavioral mechanisms during deep hibernation in ground squirrel 47101

thermoregulatory, brain & behavioral mechanisms on entrance into hibernation in ground squirrel 47100

tox. of cholinesterase inhibitor O,O-diethyl-S-2-diethylaminoethyl phosphorothiolate to hibernating hamster 52325

HIBERNATION, ARTIFICIAL

dipraxine & mepazine lytic cocktail in visceral surg. (Rus) 10746

in anesth. (Por) 21049

in eye surg. in child. (Ger) 20127

in local anesth. (Hun) 43424

in newborn inf., indic. & compl. (It) 13103

in open-heart surg., with artif. hypothermia, technic (Ger) 54029

in prostatectomy with potentiated anesth. (Cz) 9457

in surg. (Dut) 7306

in surg., statist. (Por) 30882

in thoracic surg. (Rus) 6337

in thoracic surg. with local anesth. (Ger) 35947

in war surg. (Fr) 12981

indic. (Fr) 47322

with bis-p-dimethylaminoethoxy-phenyl-3-methyl butane diiodomethane (Fr) 417

with chlorpromazine in management of premature inf. (Sp) 300

with chlorpromazine in rats 4665

*complications*

fatal case during surg. for cerebral aneurysm 19880

*effects*

on blood protein changes following surg. in dogs (Rus) 28787

on brain resist. to anoxia in dogs (It) 42540

on glycolysis of brain, liver, heart & diaphragm of rats (It) 11830

on heart electrical activity in dogs, vectorcardiographic measurement (It) 44320

on liver regen. after partial hepatectomy in rats (It) 1488

on myocardial & nerve substance metab., review (It) 20961

on rabbit organs, comparison with simple hypothermia (Cz) 2784

radioprotection in chemically induced hibernation in animals (Ger) 9994

*in various diseases*

abdom. inj., indic. (Fr) 24747

autonomic disord. caused by cervical spinal cord inj. (Fr) 24752

brain inj. (It) 19159

19251

54202

cranial inj. (Rus) 43030

43031

craniocerebral inj. (Cz) 2754

eclampsia, puerperal, with hypothermia, cure of severe case (Rus) 20177

photodermatosis, severe hemorrh., in 7-year old Korean girl (Ger) 13087

polio., bulbar, with hyperpyrexia & resp. paralysis 49214

postop. fever & tachycardia after surg. of hyperthyroidism (Fr) 44678

pregn. toxemia, fulminant type 12420

shock (Dan) 23435

tetanus (Ger) 52265

tetanus in severe burns, adjuvant in classical ther., recovery (Fr) 10668

thoracic & cerebral inj. (Dan) 23436

thyrotoxic goiter surg., with local anesth. (Rus) 41539

traum. shock (Rus) 18186

HICCUP

19932

methylphenidylacetate ther. during surg. (It) 51961

*HIDRADENOMA see* SWEAT GLANDS, *neoplasms*

HIP

*see also* ACETABULUM

*see also* FEMUR HEAD

*see also* ILIUM

*see also* ISCHIUM

*abnormalities*

*see also* COXA VARA

coxa protrusa, primary, differ. diag. from secondary forms & x-ray aspects (It) 31627

coxarthrosis, arthroplasty with femoral prosth. in arthrosis with & without disloc. (Fr) 51371

congen. or acquired developmental malform. of innominate bone causing protrusio acetabuli (Ger) 6022

dysplasia causing subluxation, diag. & management 18979

dysplasia, diag. & symptomatol. (Nor) 54961

dysplasia, subluxation & disloc., conservative ther. in inf. 40341

***blood supply***

venous (Rus) 47867

***anatomy and histology***

acetabulo-ischial index in sex determ. of cadaver torso (Ger) 27146

***cysts***

traum. 50383

***diseases***

ankylosing dis. & severe coxarthrodesis, surg., flexion resection (Fr)

bursitis, trochanteric, compl. & ther. 47778

bursitis, trochanteric, diag. & manifest. 13488

contractures after above-knee amputation, ther., adjuvant pressure gauge device 1484

coxa plana 47774

coxa plana, genetic aspects & ther. with Taylor walking caliper 50379

coxarthrosis & coxitis, relationships & differ. diag. (Fr) 50352

coxarthrosis, arthroplasty with femoral prosth. in arthrosis with & without disloc. (Fr) 51371

coxarthrosis, exercise ther. (Fr) 35279

coxarthrosis in 5-year-old girl with Klippel-Trenaunay synd. (Fr) 54193

coxarthrosis, plastic surg. of acetabulum & capsular enervation of hip (It) 25619

coxarthrosis, surg. (Fr) 35275
35277
35278

coxarthrosis, surg. (Ger) 29056
29103
53314

coxarthrosis, surg. (Sp) 15478

coxarthrosis, ther., procaine infiltration of obturator nerve, & hydrocortisone (It) 31764

coxarthrosis with inflamm. manifest. (Fr) 50357

coxitis (Fr) 55116

coxitis, social significance, statist. (Fr) 21345

coxitis, surg. arthrodesis by Abbott's method (Ger) 23688

epiphysiolysis, seasonal variation & ingestion of aminonitrile as possible etiol. factor in cows 35282

infect. arthritis (Sp) 29361

inflamm. dis., osteomalacia, neoplasms & disloc. causing coxa protrusa, differ. diag. from congen. malform. (It) 31627

intrapelvic protrusion of femur head as congen. or acquired developmental disord. (Ger) 6022

juvenile metaphysial osteodystrophy or aseptic necrosis, case reports (It) 42742

manifest. by knee pain 52767

myositis ossificans after fract. of lower legs, case reports 35074

ossification, paraarticular, complicating basilar meningitis after tuberc. epididymitis (Cz) 38115

osteoarthritis, conservative ther. & surg. 18736

osteoarthritis following hip subluxation, x-ray, comparison with osteitis condensans ilii 47896

osteoarthritis in gorilla 48781

osteoarthritis, surg., intertrochanteric osteotomy 54189

osteoarthritis, surg., trochanter chiseling with partial ligament & capsule resection & adductor tenotomy (Ger) 25347

osteoarthritis, venographic demonstration of circ. disord. 46660

osteomyelitis, chronic postop. cases 34975

pain as manifest. of syringomyelia (Ger) 52216

post-traum., medico-legal aspects (It) 9348

rhizomelic pseudopolyarthritis (Fr) 54456

snapping hip, definition, etiol. & ther. (Fr) 21416

synovial cyst of hip joint 43173

tabetic arthropathy (Ger) 34296

ther. (Fr) 9223

ther., intra-articular & periarticular inject. of placental juice (It) 36787

trochanteric synd. 4461

with paraplegia & tuberc. meningoencephalitis in 4-year old child (Fr) 53026

***dislocation***

after polio., orthopedic problems 21854

central, in fract. of base of acetabulum, case reports (It) 36793

congen., early ther. (Nor) 54962

congen., causing deforming arthrosis, ther., enervation of hip joint capsule (It) 36791

congen., compl., deforming arthrosis, surg. (It) 25603

congen., diag. & surg. in newborn (Fr) 27725

congen., early diag. & ther. (Fr) 21385

congen., fatigue fract. with pseudarthrosis (Ger) 39420

congen. in child., open reduction remote results (Rus) 43405

congen., outpatient care (Pol) 38468

congen., prev. (Pol) 7813

congen., prev. (Rus) 52973

congen., relation to hip & shoulder ossification (Cz) 11844

congen., surg. (Bul) 28764

congen., surg. & results (Fr) 9000

congen., surg., reconstruction of acetabular roof (Ger) 34552

congen., surg., rotation osteotomy alone & with wedge adduction osteotomy 53516

congen., surg., technic (Rus) 43404

congen., traum. & paralytic, eff. on joint capsule, histopathol. (Ger) 34273

congen., with femoral torsion (Pol) 38471

congen., x-ray diag., gonadal protection (Ger) 34300

exper., in young growing dogs, causing acetabular dysplasia & deformities of femur head & neck 16981

phys. ther., hip abduction braces in adults 13492

posterior, with bucket-handle tear of acetabular labrum 50378

traum. anterior disloc. in child. 40619

traum., in child. reposition (Ger) 34281

traum., increasing incidence & causes (It) 36794

traum., reduction, hist. develop. (Ger) 36456

traum., surg. indic. & technics 21840

with diaphyseal fract., intramedullary nailing (Cz) 11851

***embryology***

vasc. system (Ger) 33928

***fractures***

classif. & ther. 12375

fract.-disloc. caused by traffic accid. (Fr) 9211

fract.-disloc., ther. of old (Ger) 42887

in aged psychotic patients, ther. indic., compl. & mortal. rate 16002

in child., ther., remote results (Rus) 9859

life expectancy after fract. 54730

nursing care 12376

surg., indic. & technics 6964

surg., statist. 47275

***muscles and tendons***

integrative pattern of Ia synaptic actions on motoneurons of hip & knee musc. 41342

***neoplasms***

osteochondromatosis, preop. & post-op. clin. & x-ray aspects & post-op. histopathol. (Fr) 53370

***surgery***

arthrodesis, clinicostatist. aspects (It) 36899

arthrodesis, indic. & technics (Fr) 31963

arthrodesis, modified Charnley technic & results (Fr) 30846

arthrodesis, new technic (Ger) 34397

arthrodesis, technic (Rus) 43403

arthrodesis versus arthroplasty 16878

arthroplasty, comparison of various methods (Ger) 25355

arthroplasty, form. of femur head with resp hemisphere (Rus) 43385

arthroplasty, hist., indic. & methods, review (It) 9332

arthroplasty, indic. & results with different technics (Ger) 35058

arthroplasty, Judet's method, evaluation (Dut) 29960

arthroplasty, mattress design for convalescent care 20339

arthroplasty, new technic (Ger) 34298

arthroplasty, repair of articular surfaces 48773

arthroplasty with full-thickness skin autografts for interposition in cat, postop. results & funct. metaplasia of connective tissue 23891

arthroplasty with skin graft covering of femur head, technic & results 23892

Bernoise technic (Fr) 18542

denervation, sensory, indic., methods & results (It) 36796

high femoral osteotomy, anterior-angled plates for fixation

indic. (Fr) 9225

mechanical problem of hip prosth., review 40641

osteotomy in funct. surg. (Fr) 35276

postop. rehabil. (Fr) 8401

prosth., evaluation 50757

review (Rus) 33487

***wounds and injuries***

bullet wds., determ. of site of penetration of bullet at autopsy (Fr) 47426

gunshot, surg. (Rus) 45856

ther. & late seq. (Ger) 34247

***HIPPEL-LINDAU DISEASE see*** ANGIOMATOSIS

**HIPPOCAMPUS**

3-acetylpyridine-induced lesions in mice & rats 20720

autonomic funct. in various mammals 19481

direct & potential hippocampal projection pathways to mesencephalon in cat 25975

edema with herniation of hippocampal gyrus, ischemia & threatened thrombosis causing sudden loss of memory of life experiences, case reports 37816

eff. of physostigmine on activity following lesions of septum pellucidum in rabbits (Ger) 43005

eff. of selective hippocampal damage on avoidance behavior in rat 37982

eff. of substance P on electric activity in rabbits (Ger) 29920

electrical activity in sleep, waking & exper. hippocampal epilepsy (Fr) 15137

histochem. of hippocampal region in various animals (Ger) 34437

stimulation causing prolonged facilitation of sensory responses in pyramidal motor cortex in rabbits (Fr) 43859

termination of some afferents to hippocampus & fascia dentata, in rat 46548

**HIPPURATES**

***see also*** KIDNEY FUNCTION TESTS

***see also*** PARA-AMINOHIPPURIC ACID

fungi (Rus) 1720

***HIPPURIC ACID see*** HIPPURATES

***HIRSCHSPRUNG'S DISEASE see*** MEGACOLON

***HIRSUTISM see*** HAIR

***HIRUDINEA see*** LEECHES

urinary in inf. (Rus) 22652

**HIRUDIN**

mechanism of action, pharmacol. & metab. (Ger) 43007

reaction with thrombin (Ger) 27913

***HIRUDINEA see*** LEECHES

**HISTAMINASE**

blood & placental histaminase in normal & toxemic pregn. in Bantu 38130

eff. of histaminase inhibitors aminoguanidine & iproniazid on gastric secretion in dogs 12520

eff. of histaminase inhibitors on pharmacol. properties of histamine, failure to demonstrate potentiation 36584

in bact., eff. of various antibact. drugs (Rus) 36397

**HISTAMINE**

4212

fixation by 4-aminostilbene, 3, 4-benzophenanthrene & p-dimethylaminostilbene, relation to their eff. on nerve structure (Fr) 38735

histamine-liberation from sensitized guinea pig lung slices during anaphylactic reaction, eff. of sodium malonate & succinate & correlation with oxygen uptake 1383

histamine-liberators, eff. on arterial pressure, mechanism 12555

histamine-liberators, eff. on blood coagulation, in dogs, modification by trypsin & phenylbutazone (Fr) 36798

histamine liberator eff. on skin & on local anaphylactic reactions (Fr) 23525

histamine-liberator eff. on urinary excretion of 5-hydroxyindolacetic acid in man (Fr) 23524

histamine-liberator 48/80, eff. of previous admin. of serotonin & antihistaminics on shock phenomena & mesenteric vessels in guinea pigs & rats (Ger) 12191

histamine-liberator 48/80, eff. on mesenteric vessels of untreated & ACTH- & synpen-treated guinea pigs & rats, comparison with reserpine (Ger) 12190

histamine-liberator 48/80 in exper. prod. of peptic ulcer 37652

histamine liberators, induction of degranulation of mast cells, inhib. eff. of allicin 35390

histamine liberators 1935 L & 48/80 & dextran, mechanism of crossed protective eff. in rats (Fr) 26751

histamine-liberator polymyxin B causing acute gastric lesions in rats, influence of various blocking agents 50123

histamine-sensitizing factor & protective antigens of Hemophilus pertussis, separation 40065

histamine-sensitizing factor of Hemophilus pertussis 5697

histamine wheal test, eff. of oscillometer test in determ. of peripheral blood circ. 43618

***determination***

in blood & urine by absorp. on amberlite IRC-50, normal values for histamine in human blood & analysis of specificity of the method 32315

***effects***

aggravating eff. of parenteral histamine in tuberc. in rats (Ibn) 22358

anaphylactic sensitizing capacity, relation to sensitizing property of pertussis vaccine in mice 4338

antidiuretic response of rats, influence of chlorpromazine 31293

contraction of isolated rabbit intestine, influence of hexamethonium (Fr) 15130

dos.-action curve, deviations 13458

failure to demonstrate potentiation of pharmacol. properties by histaminase inhibitors 36584

headache, role of capillaries in prod. & eff. on serum mucopolysaccharides (It) 53588

histamine & histamine liberation on subcutaneous absorp. of drugs 24007

histamine-estrogen-progesterone complex on decidual cell reaction & ovum implantation 17243

in exper. hypothermia (Pol) 24057

induction of decidual cell reaction in pseudopregn. rat by systemic admin. of histamine & histamine liberators 17239

induction of gastritis secondary to gastric hypersecretion in cats (Ger) 37023

induction of peptic ulcer, alone & with cinchophen in rabbits on liquid diet 24842

induction of peptic ulcer in dogs, 2549

induction of peptic ulcer in guinea pigs, protective eff. of organosilicon cpds. (Fr) 26974

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

induction of peptic ulcer in guinea pigs, protective eff. of stimulants of mucus secretion 40070

induction of peptic ulcer, with tripelamamine, eff. of prednisolone (It) 44816

induction of seizures 44093

on aggressive & regressive behavior in terms of appetite 17051

on antisecretory & antiproteolytic activity of antacids in rabbits 40380

on arteries in vitro, eff. of low temperature 5772

on arteriovenous anastomoses, review (It) 46638

on blood vessels in exper. animals, vital microscopy of reactions to local admin. (Ger) 11237

on capillary permeability in eczema after intracutaneous inject., study with sodium fluorescein 23709

on capillary permeability in normal humans after intracutaneous inject., study with sodium fluorescein 23708

on capillary permeability of colloidal mercuric sulfide in skin in mice 53697

on carcinogenesis by cobalt (Fr) 38686

on cerebral capillaries in guinea pigs (Ger) 35256

on cerebrocortical carbohydrate metab. responses to benzhydryl ethers in rat slices 310

on CNS in vitro, comparison of edematigenous action with serotonin (It) 13506

on conditioned reflex funct. in rats (Pol) 24055

on eosinophil count (Fr) 35001

on gastric acid secretion, correlation of secretory response to parietal cell mass in dog 12579

on gastric acidity & mucosa, comparison with reserpine (Sp) 43918

on gastric pouch radiosulfur secretion in dog 36574

on intestinal contractions, antag. eff. of barbiturates in isolated loops (Fr) 32911

on intestinal glucose absorp. in rat, enzymatic mediation (Fr) 13460

on involuntary musculature, mechanisms of dual activity of stimulation & inhib. of isolated rabbit small intestine 16295

on musc. glycogen phosphorlysis in rats, tox. dose (Fr) 26868

on neurohypophyseal capillaries & neurosecretory vesicles in rats, electron microscopy 34421

on pig atria, influence of reserpine in guinea pigs (It) 37419

on splenic intermediate circ. in mouse 13606

on vaginal epithelium, cytol. (Sp) 23266

reactions in animals after Rauwolfia alkaloid admin. (Fr) 7762

resist. achylia in lymphatic & myelocytic leukemia (Pol) 38104

resist. in guinea pigs with exper. lesions of hypothalamus 1126

sensitivity of mice after inoculation with Bordetella pertussis vaccine, review 1610

sensitivity of mice, influence of Brucella abortus vaccine 16522

vital microscopy of blood vessels in animals pretreated with hormones & antihistaminics after local admin. with anaphylatoxin, histamine & serotonin (Ger)

*in blood*

during musc. work in man, relation to leukocyte count 44895

eff. of exper. hypoxia in guinea pigs (Ger) 48701

in allergy (Ger) 8094

in anaphylaxis in rats, eff. of inject. of Hemophilus pertussis vaccine 19617

in healthy adults in India 49997

in herpes gestationis (It) 42579

in vitro release from leukocytes of allergic persons 4394

relation to hypotension in asthmatics (It) 6894

*in urine*

differences in excretion after subcutaneous inject. in male & female rats 48242

excretion during gastric secretion stimulated by humoral mechanisms in dogs 12518

excretion in pregn. rats, increased levels 5791

excretion in relation to gastric juice secretion in dogs 12519

relation to mast cell changes in rats (Ger) 32298

*injurious effects*

to chicks of histamine formed during microbial spoilage of tuna 47631

*metabolism*

binding in mast cells (Ger) 1580

blood & urine, correlation in blood 44894

catabolism in vivo, mechanisms 53114

eff. of adrenalectomy in rats 7187

eff. of histamine metabolites & their inhibitors in gastric secretion in dogs 12577

fetus as site of increased form. of histamine in pregnant rat

kidneys in exper. renal hematuria 11105

kidney, transplanted & normal, in dogs 22315

liver, catabolism by cat liver homogenates, enzyme pathways 13389

liver in vitro methylation 12019

lungs & skin, eff. of x-irradiation in rabbits (Fr) 3118

mastocytoma in dogs, synthesis 49365

neoplastic mast cells, synthesis in tissue culture 48567

reaction with nitrogenous carcinogenic substances studied in rat nerves in vitro & in vivo (Fr) 38725

skin, relation to hair growth in guinea pigs & rats (Ger) 4266

stomach & intestine of dog in vitro 12578

uterus, isolated sensitized, in guinea pig 16526

*physiology*

eff. of exposure to radium source (Fr) 38663

histamine fixation potency of gastric juice & blood serum in gastrointestinal dis. (Fr) 54462

histamine pathergometry in schizophrenia, paraphrenias & schizoform involutional psychoses (Cz) 48645

histamine shock induced by distilled water, mechanism of adaptation of rats 3499

in capillary permeability changes in blister develop. in animals (Rus) 25742

liberation, eff. of chamomile tincture anigenin (Cz) 38239

liberation, eff. on blood corticosteroids (Fr) 48908

liberation in region of cinchophen-induced peptic ulcer in dogs (Hun) 29182

liberation of tissue histamine caused by total-body x-irradiation (Fr) 13454

local histamine contest in toxic & allergic contact dermatitis in guinea pig 4392

local skin histamine reaction, eff. of reserpine (Fr) 26779

relation of histamine & serotonin to anaphylactic shock in different species 51096

release & localization in tissues 8327

release during anaphylactic reaction in vitro, eff. of inhibitors of oxidative phosphorylation 39260

release from dog liver particles & from isolated perfused cat paws, mechanism 48456

release from mast cells by tissue extracts 19498

release from tissues by action of histamine liberators, comparison in hamsters, mice & rats 40131

release induced by serotonin inject. in rats (Fr) 38637

release induced by x-irradiation in rats 2053

release of histamine by inject. trauma causing depression of subcutaneous absorp. of drugs 7163

role in develop. of exper. anaphylactic shock in roosters (Fr) 38033

secretion, eff. of ACTH, cortisone & hypothermia in rats (Fr) 24315

skin, relation to transm. of pain & inflamm. processes (Ger) 46637

*related compounds*

betazole, mechanism of action, comparison with histamine (Dan) 22404

histamine-like substances, differentiation from acetylcholine-like substances by tests on isolated mouse intestine 36566

1-methyl-4-(β-aminoethyl)-imidazole, metab. & chem. synthesis 13790

*therapeutic use*

arteriosclerosis & thromboangiitis obliterans, intra-arterial drip (Pol) 30773

histamine-sulfur ointment from mycelium percolate in rheum. (Ger) 10303

peripheral arterial occlusive dis. with infect., with antibiotics, intraarterial admin. 24358

trigeminal neuralgia (Fr) 44742

***HISTAMINE ANTAGONISTS** see* ANTIHISTAMINICS

***HISTIDASE** see* AMIDASES

HISTIDINE

eff. of dietary excess & insuff. on metab. & funct. of organism (Rus) 22679

eff. of vitamin B1 & B2 defic. in rat 17821

eff. of vitamin B12 in rats 13774

hercynine detection in king crab (Ger) 49903

intestinal absorp., competition between L- & D- forms 51104

intestinal absorp., inhib. by chlortetracycline in rats 37085

kidneys, tubular reabsorp. in pregn., glycosuria & renal insuff. (Ger) 27179

***HISTIOCYTOMA** see* ANGIOMA, SCLEROSING

***HISTIOCYTOMA** see* LEUKEMIA, MONOCYTIC

***HISTIOCYTOMA** see* SARCOMA, RETICULUM CELL

HISTOLOGY

*see also* STAINS AND STAINING

acceleration of drying of frozen biol. material by use of high frequency dielectric heating 39267

cambial properties of vertebrate tissue (Rus) 33313

contribution of Camillo Golgi 9597

dehydrating inlay for embedding series (Hun) 41644

dehydrating medium for use during embedding process (Ger) 34446

embedding in plastics (Rus) 28767

embedding technic using methacrylic acid ester (Ger) 55610

50 years of progr. (Fr) 44710

fixation by freeze-substitution, methods & principles 16955

fixation of carbowax sections to slides for routine staining 21978

histochem., scope & limitations 46938

method for obtaining thin plane parallel sections of mineralized specimens 19689

paleohistol. study of Atacama mummies (Sp) 13520

polymethylmethacrylate casting for stained slides of plant material 21977

prep. of color-fast anat. macroprep. (Cz) 21574

preserv. of sections or whole human organs using polybutyl & polymethyl methacrylate & polyvinyl acetate (Pol) 7772

rapid dehydration by azeotropic distillation for celloidin embedding 54582

removal of osmic acid stains from glassware & appar. prior to prep. & staining of tissues 19650

shrinkage of tissue with ethyl alcohol & xylene or diethylene dioxide, comparison 54581

synthetic resin for making transparent anat. prep., technic (Ger) 42459

technic for sectioning refractory animal tissues 21970

*apparatus and instruments*

*see also* MICROTOMES

cryostat for histol. & histochem. (Ger) 51944

new type of forceps for tissue dissection (Ger) 34251

Reichert's micrometer eye-piece for histophotometer (It) 6763

translucent tray appar. for rapid scanning of serial histol. sections in volume 21975

wood holders for storage of tissue blocks 21976

HISTONE

bactericidal action on various bact. under certain cond. in vitro 28328

composition analysis of thymus histone by high-voltage paper electrophoresis & automatic recording of individual extinctions of components (Ger) 49918

erythroblast nuclear content in myeloid leukemia (It) 44166

in myeloid leukemia, nuclear content of leukocytes (It) 52079

labeling with radiocarbon-labeled lysine in tissues of tumor-bearing rats 2695

ther. of peripheral vasc. disord. in aged, with α-heparin & blood proteins (Ger) 11215

thymus histone anti-inflamm. eff. on skin inflamm. caused by diphtheria toxin in guinea pigs (It) 37305

thymus histone from calf, fractionation & analysis 40499

HISTOPLASMA

HeLa cell medium for Histoplasma capsulatum, relation to phagocytosis & subsequent intracellular growth 28226

HISTOPLASMIN

sensitivity in school child. in Missouri 12801

sensitivity of natives in Netherlands New Guinea 10516

sensitivity, urban focus in Georgia, U. S. 35914

skin reactions in high school students in Georgia 15544

skin reactivity in subjects of pulm. calcifications negative to tuberculin in Italy (It) 36829

skin sensitivity in Liberian aborigines 47265

HISTOPLASMOSIS

15914

40271

(Fr) 39478

dis. spectrum of human histoplasmosis 1163

lungs, benign 3366

review (Fr) 36201

skin & mucous membranes, review (Rus) 45639

symposium 7123

tropical African histoplasmosis 22304

*case reports*

54851

adrenal glands 19924

diag. & postmortem pathol. 14940

lungs, unusual x-ray manifest. 34876

*complications*

gingivitis, case report 26437

*diagnosis*

acute & chronic of lungs & disseminated 10541

eff. of fungus strain & lapse of time on recovery of Histoplasma capsulatum 50735

lungs, x-ray, review 47216

precipitin reactions in agar gel 20250

*epidemiology*

epidemic outbreak in Wisconsin 1149

in Africa, review & case reports (Fr) 37792

in Alabama, in father & 2 child. 12790

in Arkansas 16850

in E. Africa 49216

in Middle East, skin-test survey 24706

pulm., capsulatum in Pennsylvania 53062

*experimental*

develop. of large forms of Histoplasma in hamsters & mice, pathol. 52279

*immunology*

agglut. test in rabbit using whole yeast cells of Histoplasma capsulatum grown on brain-heart infusion agar 28426

eff. of leukocytes from sensitized mice on resist. to Histoplasma capsulatum 24421

*therapy*

amphotericin B 13332

amphotericin B in chronic dis. 35733

## HISTORY

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

life in 1858 38292

## HISTORY, MEDICAL

40399

adoption of western anat. by Japan (Fr) 26981

ancient Egyptian physicians as initiators of med. literature (Ger) 51823

bibliog. 48371

body-snatching in relation to 19th century Anat. Act in Quebec 14338

Celsus' description of ascites 13266

clin. med. 33083

collection of funeral sermons as source of information (Ger) 19065

composition of Albrecht Haller's Elementa Physiologiae (Ger) 27575

contribution of Georgius Agricola (Dan) 1633

contribution of Wooster Beach to eclectic med. 10701

contribution of John Beatty 17728

contribution of Richard Bright 39713

39715

contribution of Paul Diepgen (Ger) 42292

contribution of Claudius Galen 40171

contribution of Albrecht von Haller (Ger) 55366

contribution of William Hogarth 16368

contribution of Ibn al Nafis to Arabian med. (Ger) 51709

contribution of Francesco Redi (It) 30676

contribution of Victor Robinson 50048

contribution of Henry E. Sigerist 48367

48368

develop. of med. concepts since Hippocrates (Fr) 44697

develop. of scientific concepts in physicians of Hippocratic school (Fr) 44696

18th century smallpox inoculation controversy in Boston 2358

first chair of med. deontol. (Sp) 51666

Franciscus de Pedemontium's De dislocatione renum et vesicae et medicinis eius 33437

from primitive man to present time (Sp) 1803

Gazette hebdomadaire de Médecine et de Chirurgie of 19th century in France (Fr) 44164

German-Swedish relations in med. in 18th century (Ger) 23739

hered. dis. in royal families 22484

Hippocrates of Cos & awakening of scientific spirit in med. (Fr) 31042

Hippocrates revisited 48372

historical & literary figure of Dr. Do-Nothing 20843

hyg. & med. of ancient Red Indians (Fr) 31101

in age of enlightenment (Ger) 54363

in Alabama 5356

in ancient Egypt (Sw) 10173

in ancient Egypt, paleographic data (Ger) 7640

in Australia, pioneer med. women of University of Sydney 18744

in Bulgaria (Cz) 36559

in Byzantium (Tur) 45453

in China 13678

in Connecticut 27051

in Egypt during the late 18th century (Sp) 1808

in 18th century in Italy, contribution of Carlo Allioni (It) 8581

in France (Ger) 42393

in France during reign of Louis XIV (Fr) 8255

in France, in 16th century 28393

in France, la Salpêtrière, Paris, home for aged & mentally deficient women (Fr) 54447

in Greece, med. practice (Ger) 4046

in Iowa 17541

in Ireland, contribution of Bartholomew Mosse 28453

in Ireland, contribution of Dermot & Edmund O'Meara 28451

in medieval Armenia (Rus) 21934

in Minnesota 29760

52150

in Netherlands, 15th to 17th century (Dut) 29941

in Netherlands, med. & scientific relations between No. & So. provinces from 15th to 17th century (Dut) 9501

in Netherlands, unpublished letter of J. Wier to Cotter (Ger) 43072

in New York City 48369

in Portugal, correspondence between Ribeiro Sanches & Marquis de Pombal (Fr) 21592

in Rumania (Rus) 9922

21908

in Russia 21029

in Russia (Rus) 33497

in Russia, hist. of rural med. (Rus) 21935

in Scotland 21732

in 2nd half of 19th century (Fr) 8322

in Yugosl. (Ser) 9955

18524

Indian med. in New Brunswick 48514

Israel Hist. Soc. for Med. & Natural Sciences 39820

Lavoisier's proposals for train. in science & med. 14337

lectures at Med. Faculty in Prague (Cz) 26524

life in 1858 28292

med. advice given by 19th century physicians (Fr) 43963

med. in London during the time of John Snow 31265

31266

med. matters in Tosafot 39819

medicine's need for hist. 29311

medieval ther. of ergotism at abbey of St. Anthony of Ranverso near Turin (It) 43580

methods of treatment of wds. (Rus) 6010

monuments to achievements in med. in Europe 6438

museum of med. hist. in Russia (Rus) 32584

N. A. Semashko Institute of Pub. Health Organiz. & Hist. of Med. (Rus) 9924

organiz. of field & general military hosp. serv. during Confederate war 45551

physicians in Journal des Goncourt (Fr) 53440

place of Haly Abbas in Arabic med. (It) 51997

purchase & sale of cadavers for anat. study of England in 19th century 18806

relations between GP & specialists since 16th century 51572

relation to med. library 22482

research, methods (Rus) 9931

rhinoplasty in Italy since 15th century (It) 14522

Russian-Syrian relations (Rus) 21923

17th & 18th century, eff. of Stahl's theory of animism & Pietistic movement at University of Halle (Ger) 27574

17th & 18th century med. periodicals, contribution of Denmark 3180

17th century med. at Plymouth Plantation 30133

sex hygiene in "Regimen Sanitatis" of Salerno school of med. (It) 8580

significance of med. hist. in present-day med. pract. 41876

significance to med. hist. of newly discovered 4th century Roman fresco adjoining surgeon's tomb 2364

16th century reports & superstitions concerning prolonged pregn., pregn. in aged, multiple births & other unusual obst. phenomena (It) 42574

smallpox vacc. controversy in 19th century in New England, comparison with modern polio. & other controversies 2359

teaching of hist. of med. in Argentina (Sp) 9717

terminol. & cures for venereal dis. in 17th century England 28394

tobacco in ther. of pellagra in 19th century (Bul) 32747

unexpected contacts & contributions made by members of med. profession with & in other fields of human endeavor 52690

unpublished medieval manuscripts on the 4 complexions & humors of man 40200

value for practitioner 48971

value in med. educ. 17686

Vincenzo Menghini & discovery of blood iron in 18th century (It) 2505

## HOARSENESS

after thyroid gland excis. 45921

clin. significance 52683

## HOBBIES

cooking as physicians' hobby (Ger) 39945

lapidary as neurosurgeon's hobby 6982

photography as physician's hobby, simple rules for good pictures 7473

physician's hobbies 29342

## HODGKIN'S DISEASE

clin. & anat. aspects (Rus) 6027

clin. problems 13221

cytol. & clin. picture, review (Ger) 49314

endobronchial, review (It) 24924

gastrointestinal system (Fr) 31081

liver (Sp) 43848

review (Fr) 41141

review (Ger) 25176

*blood in*

fibrin excess (Fr) 31052

leukocyte sedimentation (It) 6914

lymphocyte, biochem. & funct. 13223

lymphocyte form., review 13224

lymphocytes, nature of failure of effective leukocytic defense, review 13222

protein determ., statist. study (It) 27755

vitamin B12 concentration (It) 8361

*case reports*

bones (Ger) 11173

bronchial lesions (Fr) 3314

cecum (Fr) 9096

female genitalia (Ger) 34599

lungs, after aspiration of rubber eraser, postmortem pathol. (Ger) 34454

mesenteries & retroperitoneal space with calcified leiomyoma of uterus, clin. pathol. conf. 52622

primary ureteral localization (It) 42670

small intestine & femur (Ger) 51827

stomach 43085

stomach (Rus) 32571

tonsils (Rus) 45741

unusual forms (Rus) 6040

with multiple malignant neoplasms in daughter & father 38075

*complications*

anemia, determ. of hemolytic rates & erythropoiesis 19871

eosinophilia (Fr) 51474

herpes zoster, generalized, case reports (It) 29693

infect. mononucleosis, hematol. & serol. data (Fr) 35186

lung dis., x-ray manifest. & differ. diag. (Por) 44467

osteosclerosis of 7th vertebra body (Ger) 55754

pericarditis & ventric. tachycardia, case report (Fr) 7054

pericarditis as early sign of mediastinal localization (It) 43673

pityriasis rosea, case reports (It) 6829

retroperitoneal, with periodic fever (Sw) 43236

Salmonella murium & blockley infect. (Ger) 34064

*diagnosis*

alcohol sensitivity, case reports 7645

cytodiag. from mammary gland secretion (Ger) 23599

cytodiag. with May-Grünwald-Giemsa staining technic (Dut) 7299

induction of pain at site of lesion by ingestion of ethyl alcohol, clin. value 28131

*differential diagnosis*

adenopathy in rheum. arthritis (Fr) 40464

cat scratch dis. by lymph node smears (Ger) 21657

difficulties (Pol) 53150

nasopharynx, differentiation from reticulum cell sarcoma (It) 1496

parapsoriasis en plaques with sunburn & lymph node dis. (Fr) 6314

reticulosis with hypersplenism & agranulocytosis, case report (Nor) 19950

*etiology and pathogenesis*

Corynebacterium, M. tuberc. & viruses 13238

viral origin, review 13237

*immunology*

anergy, relation to skin homograft survival 22069

*in aged*

abdom. case (Rus) 25749

*in infant and child*

ther., N-bis(2-chloroethyl)-2-chloropropylamine (Rus) 43549

with cerebellar synd. (Rus) 20297

with eosinophilia (Rus) 20296

*in pregnancy*

eff. of pregn. on course (Rus) 12115

management (Sp) 53543

ther., cytotoxic drugs & x-ray ther. 11635

*manifestations*

eye (Cz) 14836

*metabolism*

basal metab. & radioiodine uptake (Rus) 6037

*pathology*

atypical nucleoli, cytol. & mechanisms, review 13235

histopathol., focal cell proliferation in protracted reticulosis (Dan) 22435

localization & histol. aspects, review (It) 1489

lymphoid mesenchymal cells, cytol. identity & interrelation 13228

post-mortem findings (Bul) 32802

review (Ger) 27385

Sternberg-Reed cells, electron microscopy 13234

*physiology*

adrenal cortex funct. 35153

prothrombin consumption & bromsulphalein test (Ger) 27197

*surgery*

13324

*therapy*

2,5-bis-aziridinyl-3,6-dipropoxy-quinone (Fr) 42017

2,5-bis-aziridinyl-3,6-dipropoxy-quinone, review & case reports (Fr) 23387

chemother. 13242

chemother. & x-ray (Rus) 8041
chloroethylamine, urethane & other cpds. statist. (Bul) 16406
clin. evaluation of chemother. agents 25990
deacetylmethylcolchicine, review & case reports (It) 37751
drug ther., review 24601
limitations 12477
nitrogen mustard & triethylene melamine, tumor destruction in relation to urinary excretion of metabolites 26007
19-nortestosterone (It) 31665
radiother. & surg. of cervicothoracic tumor (Fr) 51444
radiother., eff. on peripheral leukocytes (It) 31655
review (Fr) 44701
survival rates 13240
x-ray ther., high voltage 13241

***HODGKIN'S SARCOMA** see* SARCOMA, RETICULUM CELL

***HOGS** see* SWINE

***HOMATROPINE** see* BELLADONNA ALKALOIDS

**HOMEOPATHY**

German Homeopathic Pharmacopeia, proposals for revision of 2d edition (Ger) 13374
Homeopathic Pharmacopeia, proposals for revised second edition (Ger) 36464
principles 16078
progr. (Fr) 8250

**HOMEOSTASIS**

genetics 13270

***HOMESICKNESS** see* EMOTIONS

**HOMICIDE**

***see also*** **INFANTICIDE**

attempted homicide by acid causing esophageal & gastric stenosis, management (Por) 21074
by inject. of insulin & drowning, medicolegal aspects 51728
coroner's procedure in homicide in Gt. Brit. 37728
differentiation from suicide caused by multiple gunshots (It) 6922
filicide & matricide, psychodynamics 15572
irresistible impulse in criminal responsibility 3185
murder by butcher knife & strangulation by cord, medicolegal aspects (Fr) 47433
murder of Dr. George Parkman 33046
phys. brutality of parents as factor in first-degree murder 16658
relation of murder to suicide 17052
severe psychol. trauma in 4-year-old girl as result of witnessing father murdering mother, psychoanalytic ther., case report 44245

**HOMOSEXUALITY**

among No. African Moslems (Fr) 992
definition & classif. 16367
diag. by human figure drawings 17194
effeminate passive obligatory homosexuals 11669
homosexual fantasies underlying a hysterical motor disord. in a 5-year old girl (Sp) 21237
homosexual urges in schizophrenia 44223
inadequacy in sociopsychol. structure in dealing with prev. & control in military serv. 12609
psychoanalytic study of homosexuality in an identical twin, case report 44228
seduction as factor in develop. of male homosexuality (Ger) 7377
transm. of venereal dis. by male homosexuals 23712 38044
unusual case of male homosexuality & criminal assault (Fr) 1000

**HONEY**

deproteinized honey solutions, eff. on liver funct. in carbon tetrachloride-poisoned rabbits (It) 42477
deproteinized honey solutions, eff. on postop. recovery from anesth. in liver dis. (It) 42478
fructose-containing artichoke honey as dietary supplement in diabetes mellitus 54878
honey-milk prep. in premature inf. anemia (Ger) 41595
supplement in inf. feeding, evaluation as allergen 1124

**HOOKWORM INFECTION**

eff. on nutrition 2467
gastroduodenal & peritoneal (Fr) 51517

***complications***

hypochromic anemia in tropics, determ. by radioiron & radiochromium other parasitic dis. (Pol) 49213 33734

***diagnosis***

intradermal tests, value 2849
test-tube cultivation method 4330

***epidemiology***

in India 4306
in Italy (It) 7516 36227

***experimental***

distribution & persistence of hookworm larvae in tissues of mice, relation to species & routes of inoculation 5602

***in inf'ant and child***

in Algerian Moslems, case reports (Fr) 24295
visceral larva migrans causing endophthalmitis, case report 5858

***prevention and control***

prev. & insurance aspects among agricultural workers (It) 1120

***surgery***

vibrapuncture in creeping eruption 34857

***therapy***

7409
benzy-dimethyl-2-phenoxyethyl-ammonium embonate in Ceylon 37699
benzyl-dimethyl-2-phenoxyethyl-ammonium salts 51004
larva migrans, cutaneous, promethazine ther. 40831
tetrachloroethylene in aqueous emulsion with polyoxyethylene-sorbitan without purgative eff. (Sp) 21229
thymol (Bul) 45305

**HORDEOLUM**

benzathine penicillin G ther. in recur. stye (It) 13939
caused by Micrococcus pyogenes aureus in anterior nares, ther., intranasal gramicidin-neomycin ointment in recur. styes 18397

**HORMONES**

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

***see also*** **ADRENAL CORTEX HORMONES**
***see also*** **PLANT HORMONES**
***see also*** **SEX HORMONES**
***see also*** **STEROIDS**

hormone-producing tumors 10983
hormone-producing tumors (It) 29625
hormones related to allergic dis. in otorhinolaryngol. patients 55019
imbalance causing brown forehead ring (Fr) 24806
imbalance, relation to etiol. of etiol. of metrorrhagia (Cz) 38270
peptide hormones (Ger) 46213
pheromones, new term for class of biol. active substances 52378
protein hormones, isolation & characterization, review 1252

***determination***

quantitative chem. analysis, clin. aspects, review 41081

***effects***

control of mammary growth & lactation 8639
natural steroid hormones on phagocytic activity of reticuloendothelial system 19479
on blood lipids, pathways of hormonal control, review 14194
on blood lipoproteins 8642
on blood unesterified fatty acid, single dose of various hormones 46693
on capacitation of rabbit sperm in rabbit uterus 15614
on carcinogenesis in animals (Fr) 23667
on carcinogenesis in testes & pituitary in mice 13257
on connective tissue acid mucopolysaccharides 8643
on connective tissue changes assoc. with aging 8644
on endometrium of ovariectomized guinea pigs 17368
on epithelial regen. of fundic mucosa in rats 34949
on eye sulfate uptake in guinea pigs 47051
on fetus & newborn after maternal admin. 31600
on homecoming speed of carrier pigeons (Ger) 39245
on incidence of hyperplastic nodules & of noduloids in mammary glands of C3H/He Crgl mice 38089
on livestock growth & fattening & on meat prod. potential 8638
on mammary carcinoma in rat 40811
on mammary fatty acid synthesis in vitro, review 14189
on mast cells in uvea of various animals 47050
on protein metab. 8637
on regression of musc. atrophy induced by exper. nerve inj. in rats 49266
on rudimentary gonad growth of fowl 12922
on sebaceous gland activity & on acne, review 26432
on sex differences in fibrin, fibrinolytic capacity & lipids, relation to pathogen. of coronary occlusion 15050
on uterus phosphorylases in rat 39207
reptile skin as test object (Ger) 49282
steroid hormones, eff. of chronic admin. on blood proteins in rats (It) 14021
steroid hormones, eff. of chronic admin. on extractive cerebral proteins in rats (It) 14023
steroid hormones, eff. of chronic admin. on PAS-positive substances in blood in rats (It) 14022
steroid hormones on absorp. of antibody by young rats 50519
steroid hormones on galactose oxidation in vitro, site of stimulation 13825

***in urine***

determ. in essential hirsutism 8699 (Sp)

***injurious effects***

allergic reactions (Fr) 9625
steroid hormone-allergy causing Loeffler's synd., diag. problems & case report (Sp) 8719

***physiology***

hormonal-dependent cancer (Ger) 41764
hormonal synergism in mammary growth, review 53469
hormone-dependent cancer 22284
in carcinogenesis 17240
in carcinogenesis (Fr) 9183
in fetus, review (It) 44370
in glandular carcinogenesis, review (Fr) 47997
in liver dis. (Fr) 31981
interaction of steroid hormones in exper. prod. of electrolyte-steroid cardiopathy with necroses in myocardium 29335
regulation disord. causing body fluid imbalance (Ger) 11019
secretion disord. 53523

***therapeutic use***

anovulation (Sp) 20050
cancer (Rus) 41955
cancer (Sp) 39110
cancer of breast 4327 54757
cancer of breast & female genitalia, with drug & radiother., value & limitations (Ger) 32658
cancer of breast, indic. 9823
cancer of breast, review (Fr) 23868
cancer of breast with generalized metastases (Fr) 9535
cancer of female genitalia, palliative ther. in incurable cases (Ger) 22183
cancer of pituitary, in surg. (Sp) 43877
cancer of prostate 7495
cancer of prostate, with surg., review 54768
cancer, prether. determ. of sex of tumor cells 4531
cancer, with antiblastic drugs (Sp) 32434
cardiovasc. dis., review (Rus) 33622
cryptorchidism, with surg. (It) 25701
dwarfism (Ilan) 49811
endometriosis (Sp) 8936
gyn. dis., implantation (Pol) 27607
gyn. dis., physiol. bases 4506
gyn. dis., use & abuse (Por) 35960
hypogammaglobulinemia 6215
in surg. (Ger) 42940
metrorrhagia 38586
nephrotic synd., evaluation of ther. efficiency by albumin loading test 12330
prev. & ther. of senescence, indic. & results, review (It) 3893
progr. (Fr) 41116

**HORNER SYNDROME**

congen. hered. Horner synd. 11708
pathol. statist. 857
with thrombosis of carotid artery, diag. 19804

**HORSES**

blood protein variations, electrophoresis 19625
cesarean section in mare, case report 4613
Crotalaria plant pois., chem. diag. 16766
ECG, endoelectrograms (Fr) 36691
esophageal rupt. in standardbred mare, surg. & recovery 4647
fibular abnorm., x-ray 16765
fibular defects 4625
gastrointestinal parasitic (Pol) 33686
histol. & histochem. of guttural pouches (It) 44802
horse epidemic of Žďár in Czech., identification as endophlebitis hepatica obliterans caused by ingestion of Senecio erraticus (Ger) 32292
leptospirosis on small farm, seq. 4606
liver tissue content of molybdenum 19670
longevity & mortal. of thoroughbred stallions 50580
Q fever, transm. to humans in Rumania 9462
thoroughbred mares, longevity & mortal. 40874
thoroughbred race horses, blood electrolytes, hematocrit & sugar values 48467

**HOSPITAL ADMINISTRATION**

***see also*** **LAUNDRIES**
***see also*** **RECORDS, MEDICAL**

accounting & admissions 19301

accounting, automation 4105 16166

accounting, combination charge & chart form 16250

accounting, need for efficiency 37965

accounting, safeguards against embezzlement 4124

accounting, trends 16231

administrative control, definition & method of establishing effective control 40031

administrative problem of hosp. care 19296

administrator as both expert promoter & able executive 7008

administrator-chaplain relations in church hosp. 27922

administrator graduate, duties & educ. 52152

administrator, personal qualities 19289

administrator, relation to hosp. pharmacist 4077

administrator-staff communications 27925

administrators, business contract facts 27928

administrators' responsibility & obligation to nursing educ. 49956

admission of alcoholics in New York State 52662

admission system of Canadian hosp. 14601

air conditioning 4091

air conditioning in 14580

analysis of operations, serv., bed distribution, finances & personnel statist. in 50-bed general hosp. 52160

bed support for sick rooms (Ger) 38451

bill collection & credit policy of hosp. in New Jersey 49972

bill reimbursement 16164

budget planning, prep. & review, role of serv. directors 42841

budget prep., role of department heads 40037

central serv., ultrasonic cleaners 4106

central sterile supply departments in Brit. hosp., recommendations for improvement of sterilization methods 41870

central sterile supply serv., method for taking phys. inventory 40003

centralized serv. for surg. supplies 19302

committee, relation to administrator 42852

communication between nurses & patients by telephones & light signals (Fr) 22150

communication, patient opinions & suggestions, methods of breaking down barriers 40028

communication system 14585

communication system for patient-nurse & staff calls, analysis of calls 49973

compulsory insurance coverage in France (Fr) 22148

conference leaders, train. 7016

contribution of Leo M. Lyons 49935

cooperation with staff 52763

cost in Gt. Brit., Canada & U.S. 6209

cost increases & need for pub. educ. concerning costs 50142

cost interpretation & financing as pub. relation problems 49936

cost of hosp. of alcoholic cirrhosis patients in France (Fr) 32404

cost of operation in Gt. Brit. 14385

costs & financing of care of chronic dis. patients 50142

costs & patient care 16231

costs for private beds in National Health Serv. hosp. in Gt. Brit. 41875

costs in U. S. 40036

costs, survey problems & solutions 41860

costs to community 4121

courtesy & questionnaires 49955

daily problems (Dut) 55875

disaster drill, community cooperation 16209

disaster plan 40010

disaster plan, basic train. & bed reservoir responsibilities 39998

disaster planning, coordination by area hosp. council 16190

disaster planning in No. Carolina hosp., impact of local elementary school fire 52754

disaster planning, yardstick for testing. AMA council report 16590

disaster program with volunteers, trial run 16237

Duinenbosch Provincial Hosp. at Bakkum, nurses' home 23276

Emergency Bed Serv. in London, suggestions for emergency hosp. admission 18431

employee's charity fund 16156

employer-employee communication 16225

employment, job experience requirements 16220

employment of handicapped workers 16261

employment, recruitment program 40002

electrical design 14582

elevator serv. 14597

elevators & hoists, types (Fr) 10222

engineer's responsibilities in construction program 27933

equip. control (Ger) 55178

equip., use of steel wool fabrics during shortages (Dut) 23277

financial aspects in prepaid hosp. 16242

financial management 16158 16162 19298 27921

financial management & average number of admissions (Ger) 49047

financing a teaching hosp. 13676

financing of hosp. serv., suggested solutions 16238

fire hazards & prev., patient evacuation technics & train. of hosp. personnel in fire control 42849

fire safety program 40030

food purchasing practices & procedures 27938

food serv. 4109 14600 16187

food serv. & housekeeping departments, combined work arrangement 4127

food serv. & public relations 16236

food serv., budget prep. & determ. of personnel requirements 52163

food serv., changing distribution technics 19291

food serv., citrus fruit variations 16169

food serv., cost accounting 37969

food serv., criteria for assigning authoritative duties 40033

food serv., desserts for aged patients 42859

food serv., diet manual sharing by hosp. 49959

food serv., dietary consultant 19304

food serv., dietitian-patient relations 16205

food serv., freezing precooked foods for later use 7026

food serv., hosp. menus reflecting liturgy of Advent Season 40020

food serv., hosp. setting in relation to in-patient dietary instructions 16552

food serv. in Hôpital Ste-Justine, Montreal (Fr) 2535

food serv., increasing use of disposable containers 40009

food serv., institutional china 4097

food serv., kitchen cleanup 27934

food serv., kitchen design with scale models 42845

food serv., maintenance of mixed gas & steam kitchen at Hosp. Center, France (Fr) 32871

food serv., method of adjusting recipe yields 40043

food serv., nutritive value of cooked meat 4116

food serv. operation in military hosp. 52158

food serv. problems in small hosp. 14588

food serv., tray assembly 4092

food serv., use of dried fruits 49975

food serv., yield of recipes calculation 40248

grievance plan 42839

heating, suggestions for reduction of costs 16245

heliports 40001

hosp. & community cooperation in Chicago parochial school disaster 49949

housekeeper as executive, requirements, educ. & duties 42847

housekeeping, centralized & decentralized serv., comparison 16207

housekeeping, cost control system 4090

housekeeping, eff. of color scheme on patients' morale 19306

housekeeping, floor waxes (Fr) 10226

housekeeping, painting of rooms during periods of high occupancy 42861

housekeeping, room color pattern (Ger) 15313

housekeeping staff, instruction handbook 49943

housekeeping, solutions for space problems 40022

housekeeping, work organiz. & simplification 4107 16168

human relations 19150 27939

human relations (Fr) 22493

in national health program 14594

interviewing, principles 16226

inventories (Ger) 45624

lay advisory boards of Catholic hosp. 40015

lay executives in Catholic hosp. 16177 16200

library serv. containing books in foreign languages for patients 40014

library serv., qualifications & duties of volunteers 16202

linen supply 4113 16173 42846

local superior as hosp. administrator in Catholic hosp., policies 16215

maintenance, allocation of responsibility 19292

maintenance & safety inspection by top administrative personnel 16262

maintenance, changing from corrective to preventive policy 27946

maintenance, conductive floors as safety factor 40004

maintenance, corrective 49943

maintenance, heating plant modernization 49974

maintenance, piped oxygen system 19305

management 16160

noise control 41842

old guard employees, problems & solutions 16240

patient care committee 7553

patient-centered concept of hosp. organiz. & admin. 42853

patient's team 50819

personnel communication & cooperation 27941

personnel director-staff relations 49952

personnel, handbook 49940

personnel health program 38124 49941

personnel health program in No. Carolina 16264

personnel, job combinations in small hosp. 30986

personnel, labor & time analysis in management (Ger) 22494

personnel, merit-rating system (Dut) 23275

personnel salary increase program based on merit ratings 40022

planning, principle of individual isolation (Rus) 32323

pneumatic tubes at Reine-Astrid Hospital at Huy, Belgium (Fr) 54842

policy formulation 7014

polyvinyl chloride plastic tubes in hosp. installation (Dut) 55871

press relations 49933

press relations, practical approach 49962

press relations program of hosp. of Syracuse, New York 16263

pub. relations 16189

pub. relations, changing pub. antag. 16201

pub. relations, methods of stimulating private capital donations to hosp. 14598

publicity, advantages 40024

purchasing, 4096

purchasing, analysis & control of forms & printed matter 4119 4126

purchasing, application of standards & specifications 16172

purchasing disposables 49963

purchasing, follow-up file as instrument of office efficiency 40008

purchasing, group principles 16224

purchasing med. supplies, pharmacist's role 16254

purchasing new equip. & products 16200

purchasing of disposable & semi-disposable hosp. products, costs & safety factors 40043

purchasing of new products 16244

purchasing, perpetual inventory system 49947

purchasing, spot check system for continuous control 16235

purchasing, value analysis 4095 4112 16265 27945 40007 40034

religious personnel in business offices 16199

room numbering system 4118

safety measures & accid. causes 4114

safety program 16221 16257

School of Hosp. Admin., Comité des Hopitaux du Quebec 40000

soc. funct. & community health objectives 49934

soc. tasks (Sw) 54404

statist. reports 7009

sterile gown hangers attached to nursery incubators to conserve floor space 16191

supervisor-employee relations 42848

supervisor's role in admin. planning 42837

supervisor train. in problem solving methods 52155

supervisory develop. program 27943

supervisory personnel, train. 19284

supervisory train. conf. 19299

supply control, double card inventory system 42842

supply salesmen, contributions to hosp. 19300

teaching methods & programs, trends 52153

telephone technics 7017

train. 4123

train. program, 8-month apprenticeship as basis of long-range recruitment drive 16249

visiting hours, success of unrestricted hours 4130

volunteer groups, organiz. & utilization 19140

volunteer teams providing escort serv. for patients 40023

volunteer workers 37963

volunteer workers in U. S. military hosp. 18720

waste disposal & cleaning supplies 16266

waste-disposal, hazards 19293

waste-disposal, prev. of infect. spread 40035 52165

Women's auxiliary serv. 14599

work planning, daily operations 48433

work simplification program 42854

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

*HOSPITAL PHARMACY see* PHARMACY

HOSPITALS
*see also* CLINICS
*see also* MEDICAL CENTERS
*see also* OPERATING ROOMS
*see also* OUTPATIENT SERVICES
*see also* PATIENTS
*see also* SANATORIA

Academisch Ziekenhuis at Amsterdam, planning (Dut) 11524
accomm. of patients, difficulties (Dan) 18578
accreditation, Canadian program 37964
accreditation in Canada 37966
almshouses, gradual change into chronic dis. hosp. 16241
anesthesiol. department in private hosp., problems in organiz. & develop. 35987
architectual drawings, reading guide 14577
architecture, econ. planning 14581
as community health center 8444
beds, hist. note 16239
Berlin University Women's Hosp., hist. (Ger) 23250
Berufsgenossenschaftliches Krankenhaus Duisburg-Buchholz & Berufsgenossenschaftliche Klinik in Tübingen (Dut) 34830
Boston Orthopedic Institution, hist. 16992
Burdenko Main Military Hosp., hist. (Rus) 5974
Campbell River Hosp., Brit. Columbia, construction with double corridor design 14576
care 16210
care, complexity of hosp. structure conflicting with patient 7018
care, future trends 39999
care in U. S. 49939
care, integrated patient care program for general hosp. 49000
care of aged, insuff. bed space (Dan) 23429
care, symposium 49965
care unit 40012
Casualty Hosp. in Brno, organiz. (Cz) 48674
central clinic & mobile unit in So. Korea by Catholic priests 16198
charity ophthalmol. cases (Dut) 55870
chart for recording patient's intake & out-take 41028
child. as day patients 41877
child. consultation polyclinic (Ger) 9914
child guidance in rural med. center, flexible use of personnel 51891
child. unit playroom in Hartford Hosp. 42840
child. ward, fun & health program 52159
child. wards (Sw) 32844
child. wards, ther. value of pets 7020
Children's Hosp. of Children's Med. Center of Boston (It) 9307
Christian Mission hosp. in India 28279
chronic dis. hosp. in Maryland, care & rehabil. programs 43021
chronic dis. unit in general hosp., organiz. & operation 49969
Civic Hosp. of Gallarate, Italy, gyn. & obst. activity (It) 9411
Clermont-Ferrand, France, regional hosp. center, floor plans (Fr) 54841
Columbus Receiving Hosp. for Child., Ohio, funct. & purpose 43324
Committee for the Study of Hosp. Standards in Med. 13171
community hosp. in Vlaardingen (Dut) 55876
community hosp. integrated program of gyn. research 12391
Conde de Sucena (Agueda), Portugal, medico-surg. activities & statist. report (Por) 4353
construction, proc & cons of ultra-modern construction 7021
construction, renovation grants in Canada 14589
construction, standards in Canada 14584
Coombe Lying-in Hosp., Dublin, Ireland, annual report 40198
coordination in United Arab Republic & Iraq (Ger) 55879
Danbury Hosp., Connecticut, National Hosp. Week program of high school students running hosp. for 8 hours 16248
De Goddelijke Voorzienigheid, surg. department 34829
dent. serv., needs & values 17867
develop. to present-day status (Fr) 44160
Düsseldorf Med. Academy Surg. Clinic (Ger) 38954
Dzerzhinski Children's Hosp., Moscow, otorhinolaryngol. serv. (Rus) 7936
eff. of home care programs on hosp. bed utilization & educ. in hosp. 801
emergency-room first-aid med. care in Rome (It) 43264
emergency serv. 37967
evaluation of hosp. care in university student med. serv. 45274
evaluation, pub. opinion poll 19294
Federal Civil Defense Admin. package hosp. 12371
Fisher-Titus Memorial Hosp., Norwalk, Ohio 19297
funct. of hosp. 14574
geriatric, in Belgium (Fr) 22145
geriatric ward for elderly psychotics, self-government program 4431
Girl Scout hosp. aide program 27936
Greater Niagara General Hosp., Toronto, horizontal construction 14578
Groot Ziekengasthuis at 's-Hertogenbusch, rehabil. department with municipal workshop (Ger) 55869
Harrisburg Polyclinic Hosp., Pennsylvania, transform. of hotel to long-term care unit 27942
health educ. in (Rus) 45244
L'Hôpital Chirurgical Intercommunal Saint-Malo-Saint-Servan at Saint Malo, France (Fr) 10223
Hôpital de Libreville, Gabon, Fr. Equatorial Africa architecture (Fr) 32874
Hôpital de Luxeuil-les-Bains, France, modernization & organiz. (Fr) 32873
Hôpital Foch in Paris (Ger) 3279
Hôpital-Hospice de Montgelas of Givors, France, modernization (Fr) 22152
l'Hôpital Militaire Louis, Meknès, Morocco (Fr) 41993
l'Hôpital Mohammed-V, Meknès, Morocco (Fr) 41992
l'Hôpital Rénée-Sabran, Giens, France, day nursery (Fr) 54847
l'Hôpital Sidi-Saïd, Meknès, Morocco (Fr) 41994
Hôpital Ste-Justine, Montreal, architecture 2536
Hôpital Ste-Justine, Montreal, department of cardiopulm. physiol. (Fr) 2533
Hôpital Ste-Justine, Montreal, emergency department 2531
Hôpital Ste-Justine, Montreal, hist. (Fr) 2524
Hôpital Ste-Justine, Montreal, lay-out of new building 2535
Hôpital Ste-Justine, Montreal, med. soc. serv. 2529
Hôpital Ste-Justine, Montreal, nursing serv. & school 2528
Hôpital Ste-Justine, Montreal, premature unit 2532
Hôpital Ste-Justine, Montreal, problems in moving to new location 2527
Hôpital Ste-Justine, Montreal, psychiatric serv. 2534
Hôpital Ste-Justine, Montreal, rehabil. serv. 2530
Hosp. Dr. Adolfo d'Empaire in Calabozas, Venezuela, obst. serv. (Sp) 8946
Hosp. Infantil de México, teaching & research (Sp) 37354
Hosp. Infantil, Mexico City, pediatric teaching program (Sp) 13899
Hosp. of Central Israelietische Ziekenverpleging in Amsterdam, expansion (Dut) 46358
Hosp. San Antonio de Padua, Río Cuarto, Argentina, personnel selection (Sp) 3313
Hospital Infantil de México, scientific research (Sp) 1815
Hotel Dieu, Kingston, Ontario 14596
Hôtel-Dieu, Paris, socio-econ.-med. survey of patients (Fr) 31900
House of the Holy Comforter, New York, dermatogeriatric serv. 19911
in Algeria, confidence of Moslems (Fr) 31051
in Canada, in national health program 16230
in civil defense (Dut) 33274
in Denmark (Dan) 47930
in Denmark, distribution & organiz. 3179
in E. Germany (Ger) 38897
in Europe, impressions of a tourist (Sp) 49162
in France, pub. hosp. (Fr) 45026
in Japan (Fin) 10066
in Jutland (Dan) 37050
in Kentucky under Hill-Burton Act, construction projects 41023
in Lima & Buenos Aires, impressions of tourist (Sp) 49160
in Mexico, bed shortage (Sp) 39441
in Montpellier (Fr) 19364
in Netherlands (Dut) 55872
in Portugal, eff. of creation of Ministry of Health on med. profession, pub. health serv. & hosp. construction & care (Por) 50063
in small Danish towns (Dan) 37051
in Sweden, integration into regional sick care of specialized hosp. serv. (Sw) 45341
in Switz. (Ger) 45623
In U. S. trend toward socialization & state regulation 42835
in W. Germany (Fr) 32876
infect., comparison of transm. by wool, cotton & terylene blankets 18390
infect. control 42140
42838
infect. control, bacteriol. exam. of staff members (Ser) 27872
infect. control., bacteriol. exam. of staff members & isolation of Micrococcus pyogenes (Ser) 27873
infect. control, by bacteriol. exam. of water carafe 52593
infect. control by bacteriostats 49948
infect. control by ultraviolet air disinfect. in inf. wards (Ger) 6015
infect. control, cleanliness in prev. of staphylococcal infect. 16193
infect., crossed, of newborn inf. (Pol) 39641
infect. due to incomplete sterilization of anesthetic endotracheal tubes 40319
infect., dust-borne Salmonella typhimurium gastroenteritis in child. ward 18392
infect., eff. of hospitalization on nasal carrier rate of antibiotic-resist. Micrococcus pyogenes in patients 11628
infect., importance of fiber composition of hosp. dust in airborne transm. 18391
infect., micrococcal
1208A 1285 1483 7496
7497 10143 16259 17568
25036 37823
infect., micrococcal (Por) 30880
infect., micrococcal & streptoc., relation to increased use of antibiotics & other antibact. agents 31257
infect., micrococcal, control 12320
infect., micrococcal hazards to community 44270
infect., micrococcal in Gt. Brit. hosp. 20803
infect., micrococcal, in inf. in maternity ward 29007
28995
infect., micrococcal in med. personnel, prev. 27053
infect., micrococcal in pediatric hosp. after single antibiotic ther. (Ger) 51866
infect., micrococcal role of hosp. bed (Ger) 34584
infect., micrococcal type-80 epidemic among inf. in maternity hosp. 38996
infect., postop. micrococcal diarrhea in adult patients in hosp. surg. wards, statist. 28982
infect. prev. by aseptic practices for operating rooms & other hosp. areas 42858
infect., role of hosp. vacuum cleaners in transm. of airborne & dustborne Micrococcus pyogenes 50187
infect., streptoc., control by central placement of washbasin in nursery 7013
infect., streptoc., prev., staff cooperation 7012
infect. wards in Russian military hosp. (Rus) 45897
information for surg. patients entering the hosp. 2308
Institute of Child Health, Calcutta 4224
interior decorating 14583
Internat. Statist. Classif. of Dis., Inj. & Causes of Death in Denmark (Dan) 33402
Johns Hopkins Hosp., relations to med. educ. & promotion of med. knowledge 48373
Joslin Clinic, Boston (Ger) 19067
Kaiser Hosp., Vancouver-Portland, Washington (Ger) 45625
Kantonsspital at Aarau, new central Radiol. Institute (Ger) 10733
King's College Hosp., London 20359
laboratories, bases for designing & remodelling 7025
laboratories, efficient operation based on business-like methods 24449
laboratories, problems 16185
laboratories, program for effective night & weekend coverage 40026
laboratory & radiol. serv. in national health program 14595
laboratory planning for 100- & 300-bed hosp. 7028
laboratory, recruitment & train. of laboratory assistants & technicians (Fr) 22148
laboratory, supplies necessary for installation (Fr) 10219
laboratory viral diag. serv. 24540
laboratory viral diag. serv. in medium-size hosp. 24447
liability of charitable hosp., New Jersey Supreme Court decision 27931
liability of government for death of intoxicated ment. patient 27932
liability of hosp. surgeons & physicians 16179
Llewellin Hosp., No. Rhodesia 14587
Llewellin Hosp. of Kitwe, No. Rhodesia 48599
locations, planning (Rus) 39575
Long Beach Community Hosp., Calif., convalescent wing 16251
long-stay & short-stay recovery rooms, relation to intensive care unit design 16247
Maison de Santé Protestante, Bourdeaux (Fr) 10224
malpractice suits 19383
Massachusetts General Hosp., impression of visiting British physician 43194
materialty department, organiz. & funct. 14575
Meath Hosp. in Dublin, urol. unit 14161
med. serv., evaluation (Sw) 54805
med. staff, open & closed types 11536
medicolegal problems, prev. 2537
14586
medieval abbey of St. Anthony of Ranverso near Turin (It) 42580
medieval hosp. of Bury Saint Edmunds, England 29283

Memorial Hosp. of No. Conway, New Hampshire serv. for skiers 27940

military, control program for E. coli gastroenteritis in inf. 41420

military hosp. in Civil War, organts. Confederate field & general hosp. serv. 45551

military hosp. planning in Royal Army Med. Serv. 18052

military U. S. Army Hosp. Center in Palatinate (Ger) 19035

Missouri Baptist Hosp., St. Louis, effectiveness of tissue committee 14334

mobile field-hosp. units (Fin) 54491

mosquito infestation in Czech., location of breeding site (Cz) 14806

Mount Vernon Hosp., Northwood, England, radiother. department 14077

Mpilo African Hosp. 14795

National Conference on Hosp.-Acquired Staphylococcal Dis., proposals 44269

National Jewish Hosp., Denver, ther. program for pulm. tuberc. (Sp) 15520

National Maternity Hosp., Dublin, Ireland, annual report 40199

Nethersole Hosp. of Hong Kong, maternal & child welfare activities 41422

nurses' home remodeled for nursing home 4122

nursing aid & orderly inserv. train. program 18258

nursing circular division in hosp. planning 19295

nursing serv. department, organis. 16213

nursing serv., funct. of church nurse 26439

nursing serv., juniorate program for Catholic sisters 16196

nursing serv., nurse aide train. program 40005

nursing serv., problems 16180

nursing, sickness rate of student-nurses in hosp. of various sizes 2118

nursing supervisor, necessary characteristics & problems in selection 40019

obst.-gyn. department, proposed separation 16214

obst. unit, isolation for prev. of infect. & allocations of obst. beds 42851

Obukhov Hosp., Leningrad (Rus) 32574

ophthalmol. department, installation planning (Fin) 21996

patient information program 16260

patient-centered cardiac care program 40018

patient serv. in chronic disease 20896

patron saints of Catholic hosp. 16195 16217 40013 49954

penal code, application to hosp. (Ger) 55179

Pennsylvania Hosp. & Nuestra Señora de la Concepción, San Juan, Puerto Rico as first & oldest hosp. in U. S. 2336

Pennsylvania Hosp., Philadelphia 18804

Peter Bent Brigham Hosp., Boston, Massachusetts 51609

pharmacol. control of drug samples 16171

phys. med. & rehabil. serv. in general hosp. 26413

phys. ther. departments in Canadian hosp. 2536

physicians, reasons for not reappointing to med. staff 27925

physician referral serv., organis. 7022

planning, designing & construction (It) 53803

planning for health needs of communities 49971

planning, selection of hosp. sites, appraisal of community needs & facilities 40039

postop. mortal., causes for higher statist. in large hosp. than in small hosp. 39997

Princess Margaret Hospital, Toronto, Canada 48437

prototype study of 150-bed proprietary hosp. 7023

psychiatric division of general hosp. 27049

psychiatric intensive treatment in general hosp. 17667

psychiatric serv. in general hosp. 52655

psychiatric unit of St. Mary's Hosp. Diagnostic Center in Hoboken, New Jersey 16186

psychiatric ward in general hosp. 50193 51904

psychosomatic ward, arrangement (Ger) 33855

pub. hosp. of Bologna, emergency admission of infect. & chronic dis. patients & women in labor (It) 21472

questionnaire survey by long-distance telephone 8453

radioisotope department (Ger) 32655

radioisotope hood with water spray to convert & discharge radioactive gases 52164

radioisotope use, problems 16204

radiol. department, use of music 49945

radium serv., zonal protective system (Rus) 39611

Randers Hosp. (Dan) 47922

Refaja-Ziekenhuis at Dordrecht (Dut) 46357

regional organis. of specialized hosp. in Sweden (Sw) 32631

rehabil. centers & wards in central hosp. (Sw) 21811

rehabil. serv. (Ger) 13385

rehabil. serv. in general hosp. 40029

rehabil. workshops, principles & problems 18452

reimbursement of state hosp. for indigent care, planning program of accounting, reporting & political action for obtaining appropriations 49968

research in non-university hosp. 6535

Roberto del Río Children's Hosp., Santiago, Chile (Sp) 21097 21101

Rotunda Hosp., Dublin, Ireland, annual report 40197

Royal Jubilee Hosp., Victoria, British Columbia 14595

Royal National Hosp. for Rheum. Dis. at Bath, England, reconstruction 18413

rural hosp. construction in Russia (Rus) 21934

St. Alfege's Hosp., Greenwich, England 20368

St. Anne's Hosp., Chicago, emergency role in parochial school disaster 49950

St. Bartholomew's Hosp., London, patient's viewpoint 27924

St. Luke's Anglican Hosp. on Baffin Island, Canadian Northwest Territory 37969

Saint Marys Hosp., Rochester, Minnesota 48382

St. Raphael's Hosp., New Haven, Connecticut 27067

St. Vincent's Hosp. in Leadville, Colorado 16184

Sandviken General Hosp. in Sweden 42853

scientific advancement program for community hosp. 50194

septic surg. department (Rus) 45223

Smiths Hosp., Henley-on-Thames, England, for psychotic defective child. 18472

So. Baltimore General Hosp. 51475

soc. case-work in hosp., ther. value (Nor) 52737

South Shore Hosp., South Weymouth, Mass., design & plans for expansion 40038

sterilizer maintenance 40044

suicidal risk in a municipal general hosp., statist. 39161

Sulamerica, Rio de Janeiro (Fr) 53447

terminol. & definitions for patient centers 16252

thoracic & cardiovasc. division in private hosp. 21516

tissue committee, evaluation 7010

tissue committee in diag. of acute appendicitis in small hosp. 12708

tissue committee in justification of appendectomy 11802

tissue committee, organis., funct. & relation to other hosp. serv. 4551

tissue committees, uses & abuses 40262

Topeka Veterans Admin. Hosp., dedication 48386

tort liability of charity hosp. in U. S. 18803

Torwood Hosp. of Rhodesian Iron & Steel Co., Ltd. 48600

trans. hosp. (Fr) 22461

underground hosp. for protection against nuclear attack 49938

unification in Russia, eff. on regional sanit.-epidemiol. serv. (Rus) 3809

University of Pennsylvania Hosp. 51585

Waltwil hosp. in Switz. (Ger) 33451

Welland County Hosp., Toronto, architectual planning 14579

WHO symposium on hosp. problems in Europe (Dut) 55874

William Beaumont Hosp., Royal Oak, Michigan, construction 7011

Winterthur Canton Hosp., new construction (Ger) 10272

Winterthur Canton Hosp., Switzerland (Ger) 22495

x-ray department, funct. (Fin) 21997

x-ray serv. in snowstorms 16157

## HOSPITALS, PSYCHIATRIC

12607

admin., develop. of management procedural manuals 51911

admin., review 47165

admin., use of hotel men as business managers 51909

admission legislation in California, health officer certification 14560

admission of aged, statist. 17791

admission ward as ther. community 52770

Allan Memorial Institute in Belgium (Fr) 269

Allan Memorial Institute in Montreal, funct. (Ger) 44197

Allan Memorial Institute, Montreal, Canada, open ward care 21823

ambulatory serv. in Russia (Cz) 38353

attitudes of institutionalized alcoholic patients toward ment. hosp. 8503

Austin State Hosp., Texas, nursing home & follow-up program for aged patients 51906

Centre de Traitement & de Réadaptation Sociale, Villejuif, France (Fr) 36137

chronic ment. hosp. dependency as a character defense 53608

construction, activities building in state hosp. of Minnesota 51913

construction, psychiatric module 51914

correlates & consequences of patient interaction & isolation 41196

Delaware State Hosp., commitment procedures, legal aspects 48999

develop. of active ther. program on a chronic ward 74

discharges from ment. hosp. 47186

eff. of Asian flu epidemic on psychiatric hosp. populations in France (Fr) 36129

eff. of receiving & sending letters on length of stay in psychiatric hosp. 24620

factors in patients' failure to return to clinic 15562

1st admissions for patients with schizophrenic reactions, interpretation of statist. from Ohio state ment. hosp. 53625

food serv., rating of dietary department by Central Inspection Board of Amer. Psychiatric Assoc. 51915

funct. & place in a ment. health serv. 14479

hosp. program for aiding psychiatric aides to become professional nurses 7551

in France, provincial serv. for men & women (Fr) 47463

in France, redistribution of serv. (Fr) 47462

in small communities 19084

institutional psychiatry in Austria (Ger) 22771

interpersonal & soc. relations of patients (Fr) 997

med. admission ward for old patients in psychiatric hosp., evaluation 3779

med. practice in 11668

mortal. in state ment. hosp. in Michigan 8443

non-restraint, hist. 12626

occup. therapist as specialist in ment. hosp. 13433

open door policy 14281

open door policy of ther. community, patients' reactions 24621

outpatient adult psychiatric clinics in Gt. Brit. 48327

outpatient serv., funct. & tasks (Dut) 49767

patient interaction on admission wards 51908

patients' interviews with nurse, soc. worker, psychiatrist & clin. psychol., in state hosp., methods & soc. factors in communication 46387

personnel, value of regular cons. (Sw) 45051

progr. in ment. health care by state ment. hosp. 28483

program of serv. for ment. patients physically impaired 28645

psychiatric day hosp., outpatient serv. 21812

psychol. & social study of ment. patients in open ward (Fr) 905

pub. relations, patient promotion of community relations 51905

pub. relations program 49937

pub. relations, responsibilities of receptionist 51912

reduction of inmates by non-institutional care for aged ment. patients 19092

revision of patient's day 42105

safety & fire prev. program of Veterans Administration hosp. 51910

St. Lawrence State Hosp., Ogdensburg, New York, open wards for parole patients 3588

St. Servatius at Venray, new admin. building (Dut) 55877

segregation of criminal & non-criminal patients 19073

simultaneous admission of normal child, with their mentally disturbed mothers in England 18435

sociogramatic study of spontaneous patient groupings 14718

state hosp. for nonpsychotic criminal offenders, advantages over prison environment 24619

state ment. hosp. as serv. for child. 24586

visitors to ment. hosp. 51886

voluntary admission into closed institution (Ger) 22770

voluntary self-commitment, role of psychiatric soc. worker 3198

ward behavior of patients 53620

## HOUSING

Belgian housing policies, relation to epidemiol. of tuberc. (Fr) 35488

construction, hyg. aspects (Cz) 2719

external wall construction in relation to insulation & heat transmission, hyg. & technical aspects (It) 31725

factors to consider in designing facilities for aged 16253

French laws concerning rental of property for physicians' offices & housing (Fr) 48960

health cond. in old quarter of Forli & sanit. restoration of old houses (It) 21474

housing cond. in Brussels (Fr) 1331

housing problems of assistant physician in Finland (Fin) 32713

in England, hist. & current legislative policy 21535

low residential housing, hyg. assessment (Rus) 49796

pub. control in Gt. Brit. 44861

quality, relation to morbidity, Johns Hopkins longitudinal study 35839

relation of living cond. to incidence of rheum. heart dis. in school child. in Leningrad (Rus) 33334

standards, relation to tuberc. epidemiol. in Yugosl. (Ser) 27867

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

HUMAN ENGINEERING

*see also* LEARNING

*see also* PERCEPTION

*see also* SOUNDS

*see also* WORK

age factor in movement time & reaction time 40886

anthropometric & biomechanical characteristics of the hand 23302

automation in indust., med. implications 29340

automation, psychol. implications for progr. of mankind 2638

changes in distribution of musc. tension during psychomotor performance 5029

chronocinergology as scientific study of motion & time in indust. (Sp) 9672

design of auto driver's workspace, anthropometry in 719

design of cockpits & flight equipment, use of biometric measurements of flight personnel in (Fr) 46565

differential eff. of display lags & control lags on performance of manual tracking systems 5018

eff. of amount of material in displays to be searched for correct answer on speed of successive decisions 2123

eff. of component interaction on train. & transfer 40823

eff. of delay of information feedback on pursuit rotor performance 17261

eff. of small doses of alcohol on a skill resembling driving 14222

group performance structure & communication nets (Fr) 25101

index of automatization based on time-sharing 5066

manual lifting & handling, proper technics & med. applications 43624

performance in a vigilance task, eff. of inter-stimulus interval & interpolated rest 37987

time & motion studies in dent. 4413

tracking task under 3 levels of achievement information feedback 17256

visual efficiency necessary for woodworking (It) 39365

voice-message storage schemes 5836

*HUMEROSCAPULAR JOINT see* SHOULDER

HUMERUS

*anatomy and histology*

supracondyloid process (Fr) 408

*diseases*

epicondylitis, pathogen. (Ger) 29059

epicondylitis, ther., denervation 50380

osteochondrosis of capitulum, case report 36013

*dislocation*

non-union of epiphysis of lateral condyle of humerus, x-ray manifest. 4786

*fractures*

caused by ball-throwing, case reports 55131

condylar, in child., prev. of permanent deformity (Ger) 39845

diaphyseal, surg. (Bul) 28732

fract.-disloc., arthroplasty of humeral head in irreducible cases (Ger) 45983

fract.-disloc., bloodless reduction & surg. (Sp) 8204

in newborn during spontaneous head presentation (Ger) 39755

intra-articular, of lower end in child. (Rus) 18254

intra-articular T & Y-formed fract., mechanogenesis & ther. (Rus) 41538

intracapsular fract., pathol. anat. & surg. (Fr) 24239

intramedullary nailing (Rus) 45688

lower epiphysis in child., review (Pol) 43692

lower epiphysis in child., ther., review (Pol) 43693

of external condyle, surg. (Sp) 8203

of proximal metaphysis, in child. (It) 42743

of small tuberosity, case report (It) 21439

subcapsular fract., ther. (Ger) 38934

sub-capitular proximal, funct. ther. with auto-lanerv. method (Ger) 25363

supracondylar in child., compl. & traction ther. 4519

supracondylar in childd., percutaneous wire fixation (Ger) 19338

supracondylar in child., surg. (Fr) 11859

supracondylar in child., traction technics 45082

ther. (Nor) 43207

ther., errors (Fr) 40977

ther., hanging cast in diaphysial fract. in child. (Por) 28094

upper end, follow-up statist. 23894

upper end, surg., errors in technic & compl. 40960

*neoplasms*

fibrosarcoma with osteitis deformans, case with long survival 40636

*surgery*

plastic surg. & endoprosthesis, results (Ger) 29034

removal of medial humeral epicondyle for traum. ulnar neuritis, late results 50390

HUMIDITY

of walls, determ. by electrical devices (It) 7513

ther. humidification by nebulization, indic. & technic 15536

*effects*

atmospheric humidity on skin temperature & sweat rates of resting men at two ambient temperatures 41343

high environmental humidity on survival of mice in exper. burns 35820

on heat exchanges of men in the cold 23301

on survival of exogenous bact. in external auditory canal, exper. study & review 51352

on vitamin C level of blood & sweat, exposure to humid heat (Pol) 43640

on water & electrolyte metab. in congestive heart failure, rate of excretion of various tracers 50709

on water & electrolyte metab. in congestive heart failure, relation of equilibrium of distribution, biol. decay rates & space & mass of various tracers 50708

HUNGER

*see also* APPETITE

*see also* FASTING

*see also* STARVATION

agonizing hunger sympt. in severe congestive heart failure (Pol) 43873

evidence for a learning theory of specific hunger 50504

food intake regulation by osmotic concentration of stomach in rat 17083

neuropsychol. aspects (Fr) 15829

pathol. sensations of hunger in peptic esophagitis (Fr) 36649

physiol., determ. of funct. relation between digestive center & motor center of stomach in dogs (Rus) 33631

physiol. regulation of food intake 569

*effects*

maintenance on survival rations on fitness, perception & personality 778

on absolute & relative sucrose preference thresholds in rat 50512

on body weight & nitrogen metab. responses to isoniazid in animals (Rus) 3575

*HUNGER EDEMA see* DEFICIENCY DISEASES

HUNTINGTON'S CHOREA

with paresis, case report 50853

with ment. disord. & epilepsy in 3 members of same family (Fr) 47464

*diagnosis*

early (Dan) 22441

*epidemiology*

in England 21533

*manifestations*

impairment of psychomotor funct., early diag. 33835

*therapy*

procaine amide 15840

pseudotropine tiglic ester 36975

*HURLER'S DISEASE see* LIPOCHONDRODYSTROPHY

HYALINE MEMBRANE DISEASE

31599

43297

in premature inf. & inf. delivered by cesarean section (Ger) 39533

review (Ger) 49081

*case reports*

clin. pathol. conf. (Sp) 13902

*complications*

asphyxia in newborn 30421

pneumonia with pulm. hemorrh., autopsy findings 24885

*experimental*

eff. of oxygen tension on lung weight in newborn rats 15651

induction with human plasma & calcium chloride in rabbits 11749

pathogen. eff. of high oxygen concentration on ciliary transport mechanisms in resp. tract in rabbits 13001

*metabolism*

desoxyribonucleic acid in pulm. hyaline membranes of newborn inf. 23953

*pathology*

hyaline membrane 18467

*physiology*

resp. rate & funct. & body weight of newborn inf. dying of pulm. hyaline dis., comparison with surviving inf. 20365

*prevention and control*

digitalis, admin. & dos. in newborn 38414

HYALURONIC ACID

chem. structure 49459

crystalline sodium hyaluronate, isolation & properties 29808

hyaluronate-inactive spreading factor of murine endometrial secretions 44109

of Streptoc. pyogenes, phys. chem. properties of compound formed with & without hyaluronidase-inhibitor synthetic resin 53 DK 13890

phys. chem., review 49462

*determination*

vitreous body content & pathol. changes 23867

*effects*

hyaluronic acid-protein complex on distribution of ions in its solution 13728

hyaluronic acid sulfate on eye 47043

on athrocytosis of trypan blue in the kidneys, liver & skin of guinea pigs (It) 1946

on fibroblast activity & granulation tissue form. around gelatin sponge implant in rats (It) 1945

on renal elimination of acid aminopolysaccharides, in rabbits, relation to inulin clearance (It) 13974

*metabolism*

biosynthesis 46792

in mammals, review 49463

in synovial fluid in rheum. arthritis 36911

Streptoc., relation to infectivity in mice of β-hemolytic strains 17472

vitreous body, eff. of cortisone, thyroidectomy, thyroxin & thyrotropin in rabbits 11697

HYALURONIDASE

anti- & prohyaluronidase serums, inhib. & adaptation of connective tissue (Fr) 47409

dermal barrier test with saline solutions in collagen dis. 36304

hyaluronidase-inhib. eff. of mud bath ther. of rheum. (Ger) 43372

prod. by Pseudomonas fluorescens in infected preserved blood 24003

use with sodium iodipamide in cholangiocholecystography in inf., admin., intramusc. (It) 2966

x-ray inactivation of hyaluronidase from Escherichia freundii & from bovine testes 1362

*antagonists*

antihyaluronidase in blood in rheum. dis., diag. value of determ. (Rus) 31141

hesperidin phosphate, eff. on fertility of white rats (Ger) 25214

in blood serum of cancer patients (Rus) 51421

in fractions of isolated rat mast cells, microturbidimetry 28278

oral contraceptive ciranin 49992

streptoc. antihyaluronidase activity of blood in rheum. fever, purpura & tonsillitis in child. (Rus) 20275

streptoc. antihyaluronidase in determ. of immunol. reactivity in rheum. fever (Ger) 11996

streptoc. antihyaluronidase in uveitis 34914

streptoc. antihyaluronidase levels in blood of normal & tuberc. guinea pigs (Fr) 3099

synthetic resin 53 DK, eff. on phys. chem. properties of hyaluronic acid formed in Streptoc. pyogenes 13890

*effects*

collagen fibril destruction, electron microscopy (Ger) 12060

exper. studies in vitro & in vivo, influence of chlorpromazine on activity (It) 36750

induction of degen. intervertebral disk dis. in dog (Fr) 21384

on capillary permeability & lymph form. in dogs (Ger) 34002

on capillary permeability, lymph flow & passage of dye-labelled protein from blood to lymph in dogs 7175

on cellophan dialysis of normal & atherosclerotic intima extracts (Tur) 33003

on cholesterol binding by aortic intima (Tur) 45481

on cocaine anesth. of cornea (Ger) 28929

on develop. of murine leprosy (Por) 44462

on dissemination of M. tuberc. inoculated into guinea pigs (It) 16017

on exper. localized edema in rabbits (It) 42542

on exper. toxoplasmosis gondii in mice (Pol) 33708

on intraocular pressure & on aqueous veins in normal & in glaucomatous patients (It) 37444

on protective action of mucus on mucosa of esophagus, in cats (It) 30337

on protein, glycoprotein & lipoprotein levels of synovial fluid (Fr) 24100

on resorption by knee under normal & pathol. conditions in dogs (Ger) 37758

on skin autograft attachment in rats (It) 37160

on survival & dissemination of streptoc. injected into hamster cheek pouch 16871

potentiation of insulin shock ther. (Fr) 36118

*physiology*

role in reabsorp. of water in kidney tubules, relation to mechanism of antidiuretic action of vasopressin 19687

*therapeutic use*

adjuvant in antibiotic ther. of ear dis. (Fr) 47402

adjuvant in insulin shock ther. 50043

adjuvant in insulin shock ther. of schizophrenia (Ger) 22769

adjuvant in local & regional anesth., review (Fr) 23664

gynecol. inflamm., combination of hyaluronidase infiltration with ultrasonics (Rus) 51427

keloid (Pol) 31511

otitis media catarrhalis, perlubal admin. with hydrocortisone (Ger) 11264

otitis media in child., with antibiotics (It) 42752

prev. of postpartum hemorrh., with oxytocics, intramusc. admin. before 2nd stage of labor 20486

scleroderma (Rus) 22513

tropical ulcer, with antibiotics 1229

**HYBRIDITY**

heterosis in competition between gene ebony & its normal allel (Fr) 3462

nucleus sizes of triploid hybrid toads with exper. doubled maternal genomes (Ger) 34221

**HYDANTOINS**

diphenylhydantoin, review 43526

mesantoin, pharmacol (Fr) 32948

potentiation of barbiturate action & tox. of new hydantoin (Fr) 54905

tertiary amine deriv. of diphenylhydantoin, synthesis & pharmacol. (It) 3548

***determination***

thiohydantoins, fluorimetric method for minute amounts 41394

***effects***

5-carboxymethylidenehydantoin on growth of Lactobacillus bulgaricus (It) 334

diphenylhydantoin, comparison of anticonvulsant eff. with 5-acetimino-4-methyl-1, 3, 4-thiadiazol-2-sulfonamide in mice & rats 17935

diphenylhydantoin on neurosecretion in mice 36115

diphenylhydantoin on vitamin B1 metab. in peptic ulcer (Rus) 33359

diphenylhydantoin with other antiepileptics, anticonvulsant & neurotox. tests 4560

local anesth. properties of diphenylhydantoin deriv., eff. of alkaline hydrolysis 3549

thiohydantoins, anti-thyroid activity 14140

***in urine***

allantoin, eff. of x-rays in rats (Rus) 51764

***injurious effects***

dimethyl-dithio-hydantoin causing myxedema, prolonged admin. (Fr) 9102

diphenylhydantoin causing gingival hyperplasia, failure of antihistaminic ther. 7419

diphenylhydantoin causing meningeal lesions & CSF changes in epilepsy ther., case report 50846

mesantoin causing agranulocytosis, diag. by blood count (Dan) 43213

***metabolism***

mesantoin distribution in cerebral cortex in mice (Fr) 26931

mesantoin distribution in various organs of mice 26932

***therapeutic use***

allantoin-sulfathiazole bismuth glycolylarsanilate-lauroyl sodium sulfonate prep. in vaginitis (Sp) 44580

5-(1, 3-dibromo-2-phenylethyl)-5-methylhydantoin in obesity (Dan) 22405

diphenylhydantoin & its deriv. in essential trigeminal neuralgia (Fr) 9158

diphenylhydantoin in continuous convulsions in child., intravenous admin. 41793

ethotoin in epilepsy 48397

ethotoin in epilepsy, clin. aspects & EEG (It) 44359

ethotoin in epilepsy, clin. evaluation 2351

***HYDATID see*** **ECHINOCOCCOSIS**

**HYDATIFORM MOLE**

classif. & clin. statist. 12403

in pregn. toxemia 17831

in tubal pregn. 36030

review & case reports (Sp) 8947

statist. 7993

***case reports*** 13555

***complications***

metastatic choriocarcinoma, case reports 8016

metastasizing choriocarcinoma of uterus, clin. pathol. conf. 48557

pre-eclampsia & eclampsia, case reports (Sp) 39816

pre-eclampsia, incidence in Helsinki 36017

***diagnosis*** 7811

gravimetric determ. of chorionic gonadotropin 53829

x-ray 52831

***physiology***

chorionic gonadotrophin concentrations in moles 35105

***urine in***

17-ketosteroids, partition chromatography (It) 6855

***HYDERGINE see*** **ERGOT ALKALOIDS**

**HYDRALAZINE**

***effects***

on kidneys of rats with exper. hypertension 14104

prolonged admin. on behavior & funct. of rats 11963

***injurious effects***

relation of hydralazine dis. to rheum. arthritis (Fr) 4738

***related compounds***

6-chloro- & 7-chloro-1-hydrazinophthalazine, synthesis (Fr) 1045

1,4-dihydrazinophthalazine, eff. on blood circ. & reflex in dogs (Ger) 13356

dihydrazinophthalazine theophyllinate, ther. of hypertension, with total Rauwolfia alkaloid extract (Ger) 18973

29490

1,4-dihydrazinophthalazine, ther. of hypertension, alone & with reserpine, statist. (Ger) 15327

1,4-dihydrazinophthalazine, ther. of hypertension, with reserpine 40925

1,4-dihydrazinophthalazine ther. of hypertension, with reserpine (Sp) 9709

1-hydrazino-5-chlorophtalazine & 1-hydrazino-6-chlorophtalazine, synthesis (Fr) 36180

***therapeutic use***

essential hypertension, alone & with reserpine, review 48613

***HYDRAMNIOS see*** **AMNIOTIC FLUID**

**HYDRASES**

***see also*** **CARBONIC ANHYDRASE**

cystine desulfhydrase activity in mouse tumor tissue 16919

dihydrouracil hydrase from Clostridium uracilicum, purification & properties 28277

enolase & substrate 2-glyceric acid phosphate interactions with manganous ions, electron-spin-resonace measurements 13786

enolases, eff. of carbon-tetrachloride-induced hepatic necrosis in mice (It) 13989

fumarase, electrophoresis & titration analysis 40495

fumarase from Bacterium cadaveris, mechanism of action 16931

**HYDRASTIS**

canadine, paper chromatographic separation of optical isomers (Dut) 43584

**HYDRAZINE**

reactions with desoxyribonucleic acid of herring sperm, reaction products 1705

***related compounds***

alkyl-hydrazides of amino acids, eff. on monamine oxidase activity in vivo & comparison with iproniazid (Ger) 27850

N-benzyl-N-p-carboxyphenylhydrazine & aldehyde deriv., eff. on xanthine oxidase (It) 27433

dicarbohydrazine-dihydrazinecobalt, eff. on cardiovasc. system & autonomic ganglia (Rus) 39327

hydroxymethylglyoxal bis(guanylhydrazone), carcinostatic action 38083

methylhydrazine, reactions with peptides & insulin as bases for selection in determ. technics & as protein solvent 13731

1-picolinyl-2-benzyl-hydrazine & 1-benzyl-2-(5-methyl-3-isoxazolylcarbonyl)-hydrazine, tox. 39156

**HYDROCARBONS**

***see also*** **ACETYLENE**

***see also*** **ANTHRACENE**

***see also*** **BENZENE**

***see also*** **CYCLOPARAFFINS**

***see also*** **ETHYLENE**

***see also*** **METHANE**

***see also*** **NAPTHALENE**

***see also*** **PETROLEUM PRODUCTS**

polycyclic hydrocarbons in cigarette smoke, eff. of hexane solubles in tobacco 32346

***determination***

aromatic polycyclic hydrocarbons in paraffin (Ger) 1576

polycyclic hydrocarbons in cigarette-smoke condensate 17772

polycyclic hydrocarbons in Icelandic smoked foods 25996

polycyclic hydrocarbons in rural & urban air in Gt. Brit. 40136

***effects***

aromatic hydrocarbons from cigarette smoke, carcinogenicity for mouse skin 5436

carcinogenic & noncarcinogenic hydrocarbons on rat liver regen. 5422

carcinogenic eff. of polyaromatic hydrocarbons, relation to half-wave potentials of o-quinones in nonaqueous polarography 14923

isooctane extraction inhibiting enzymes of resp. chain, nature of inhib. & reactivators 47972

tumor-like changes in Physarum polycephalum culture (Ger) 34156

***injurious effects***

aromatic, causing blood dis., review (It) 44345

***metabolism***

alkane dehydrogenation by Pseudomonas aeruginosa extracts in presence of pyocyanine (Fr) 38645

***poisoning***

butane in attempted suicide, with butobarbital, resuscitation with Engström appar. (Fr) 36106

causing pneumonitis, x-ray manifest. 8567

**HYDROCELE**

***case reports***

of canal of Nuck 41086

***therapy***

nitrogen mustard (Ger) 34528

testicular, conservative ther. (Heb) 49833

**HYDROCEPHALUS**

congen., with ear abnorm. (It) 37310

med. ther. & surg. (Sw) 32658

review (It) 8651

spontaneous arrest, clin. statist. 41795

symmetric internal, role in diag. of posttraum. sequelae of closed brain inj. (Ger) 20827

***case reports***

acquired (Sp) 1845

giant, with lipochondrodystrophy, in 3-year-old child (Fr) 30481

with congen. anterior staphyloma 676

with congen. stenosis of foramina of Luschka & Magendie 28566

with CSF rhinorrhea, meningitis & hyperteloriam (Fr) 44752

***complications***

meningocele, surg., case reports (Por) 8747

***diagnosis***

exterior-interior, ventriculography (Rus) 45202

***etiology and pathogenesis***

external, due to cerebral agenesis 37614

internal, caused by parasitic dis. of CNS 3024

medulloblastoma causing obstruct. hydrocephalus, surg. (Por) 21060

surg. of acoustic tumors 44042

ventric. traum. in adult, case reports (Sp) 31012

***pathology***

relation to small vasc. abnorm. of brain 50930

***statistics***

stillbirth & inf. mortal. in Scotland 2112

***surgery***

neurosurg. & electrocoagulation of choroid plexus (Fr) 49746

new technics (Sp) 43857

preop. & postop. photographs & x-rays (Por) 44454

shunting of CSF into circ. system, clin. & exper. aspects 38641

**HYDROCHLORIC ACID**

esophageal resist. to HCl, relation to postop. esophagitis in dog 23043

***determination***

in air (Rus) 3836

***effects***

on urinary 5-hydroxyindoleacetic acid in achlorhydria 35190

***therapeutic use***

wds., eff. on pH (Rus) 33193

***HYDROCOLLOIDS see*** **ALGINATES**

**HYDROCORTISONE**

***see also*** **PREDNISOLONE**

pharmacol. of hydrocortisone & its deriv. (It) 54208

***administration***

eff. of route of inject. on distribution & excretion in rat 20727

oral & intravenous admin., blood absorp. 50431

***determination***

as 17-ketosteroid after oxidation by bismuth & paper chromatography (Ger) 49906

***effects***

esterase activity in cattle eye in vitro (Ger) 48843

fungistatic activity of various prep. 34850

induction of blood protein disord. in rat (Fr) 36614

induction of fat form. & glycolysis in tissue cultures 39235

induction of infarct-like myocardial necrosis in monkeys, with monobasic sodium phosphate, differentiation from true cardiac infarct 11616

on acanthosis in guinea pigs (Ger) 27111

on action of sodium on isolated rabbit auricles 42978

on acute oliguria in exper. burns in dogs (Fr) 13450

on adrenal cortex in female mice, comparison with cortisone (Fr) 3077

on arteriovenous concentration gradient of 17-hydroxycorticoids in various dis. (It) 1690

on blood corticosteroids & partial corticotropic funct. (Ger) 51797

on blood lipids & proteins in exper. arteriosclerosis (Cz) 26554

on contractile activity & on potassium & sodium content of isolated rat diaphragm (It) 36558

on desoxyribonuclease activity in rat lymphoid organs 24013

on exper. arthritis & on blood polysaccharide/protein ratio in rats 31297

on exper. blisters produced by threshold concentrations of cantharidin in guinea pigs 38871

on experimentally damaged & infected dent. pulp in rats 17214

on glycogen synthesis in liver & musc. in adrenalectomized rats under stress 35805

on growth of transplantable mouse fibrosarcoma 2674

on 17-ketosteroid excretion in cancer of prostate & other neoplasms 48552

on mitochondrial membrane permeability in rat liver in vitro 29833

on oxygen consumption of articular cartilage in calf (Fr) 26950

on permeability & segmentation of sea urchin eggs (Sp) 8897

on polysaccharide complex of synovial fluid after intra-articular inject. 24827

on rat adrenal gland, comparison with fluoxymesterone (Fr) 38721

on resorption by knee under normal & pathol. conditions in dogs (Ger) 37758

on skin homografts in rats 50522

on sodium in erythrocytes 49334

on tryptophan-α-ketoglutaric & tyrosine-α-ketoglutaric transaminase basal & adapted levels in liver of vitamin B6 defic. rat 28265

on uropepsin excretion in normal subjects (It) 1508

on uterine histamine in ovariectomized rat 13619

on Walker tumor implants in rats 30274

potentiation of vasomotor eff. of epinephrine (Fr) 26780

prolonged admin. on rat adrenals, influence on reaction to potassium chloride stress (It) 1900

regression of skin carcinoma in mice, reversibility 2678

sodium succinate, on 17-hydroxycorticosteroids in blood of normal subjects, admin. of hydrocortisone sodium succinate 34990

ulcerogenic properties in rats 31430

***in blood***

during cortisone admin. 18465

enzymatic action of rabbit blood serum on hydrocortisone acetate 9575

in pregn. 17023

types of binding by blood proteins in vitro 25425

***injurious effects***

deterioration of knee after intra-articular inject. in rheum. arthritis, x-ray manifest. 18373

purulent arthritis of knee (Fr) 44786

pyoarthritis, pathogen. & ther. 10421

***metabolism***

absence during pregn. in Addison's dis. 50439

absorp. from colon during idiopathic ulcerative colitis ther. 45385

eff. of surg. on plasma clearance 36324

in newborn, prolonged turnover rate 17029

in shock due to infect., comparison with healthy adults 40696

metabolites in eviscerated rats 1380

role of liver in degradation in child (Fr) 48882

***physiology***

disord. of arterenol-hydrocortisone homeostasis in rheum. arthritis (Fr) 4738

eff. of diencephalic & mesencephalic lesions on secretion 39191

***related compounds***

allotetrahydro-hydrocortisone & tetrahydro-hydrocortisone, eff. of age & sex on urinary excretion 17045

comparative potency in suppressing growth of hair in rat 41007

11-desoxyhydrocortisone, conversion to hydrocortisone by oxygen-ferrous ion-ascorbate system (Fr) 48828

11-desoxyhydrocortisone metabolites in urine in congen. adrenal hyperplasia with hypertension (Fr) 36055

di-(21-hydrocortisone) sodium phosphate in abdom. surg. (Sw) 10158

hydrocortamate ointment, alone & with neomycin in ther. of skin dis. 50237

hydrocortamate ointment ther. of dermatitis (Sp) 29388

3α-methyl-9α-chlorohydrocortisone causing exper. cardiopathy with phosphate, prev. by potassium substitution for sodium 4181

3α-methyl-9α-chloro-hydrocortisone conditioned rats, eff. of stress & anoxia on pathogen. of myocardial infarct (Ger) 47904

3α-methyl-9α-chlorohydrocortisone-sodium perchlorate induction of electrolyte steroid cardiopathy, prev. with magnesium & potassium chloride in rats 13001

△4-pregnene-11β, 17α, 20α, 21-tetraol-3-one & the 20β epimer in urine 40672

***therapeutic use***

alopecia areata & maligna (Ger) 39794

arthritis in diabetes mellitus, intra-articular admin. (Ger) 10293

arthrosis deformans of knee (Sw) 32864

arthrosis of hip, with procaine infiltration of obturator nerve (It) 31764

asthma (Nor) 45420

asthma & chronic bronchitis, inhalation of powder 2225

asthma & other allergies (Sp) 32429

asthma in child., hydrocortisone hemisuccinate inhalation ther. with negative results 41832

asthma in Tietze's dis., case report 50130

asthma, inhalation of powder 2225
2227
26156

backache, intradisk admin. (Por) 16123

burns, with streptomycin, local admin. 14065

bursitis, frequent intrabursal inject. 3778

bursitis, ganglion, tenosynovitis crepitans & trigger finger 11884

cervicitis & trichomonal vaginitis, with oxytetracycline, admin., local (Fr) 39759

congen. eczema in inf. (Ger) 29415

ear dis., oxytetracycline-hydrocortisone ointment (Fr) 9514

eye dis., hydrocortisone-amphomycinneomycin ointment, clin. evaluation (Ger) 28904

eye dis., with neomycin in ophthalmic ointment (Ger) 42377

eye dis., with neomycin oleate & vitamin A (Ger) 10305

fetal erythroblastosis, prev. of antenatal fetal death (Fr) 27716

gyn. dis., with oxytetracycline ointment (Ger) 29434

hay fever & rhinitis, local admin. (Ger) 12192

hidradenitis suppurative 41002

inflamm., comparison with 9α-fluoro-16α, 17α-isopropylidenedioxy-1, 4-pregnadiene-11β, 21-diol-3, 20 dione 28346

inflamm. skin dis., comparison with glycyrrhethnic acid 37554

inflamm. skin dis., topical admin. & comparison with fludrocortisone & prednisolone by double-blind paired-comparison method 11564

keloid fibroma (Ger) 29113

leishmaniasis, supplement to streptomycin & antimony 3044

leukorrhea (Ger) 42359

meningitis in newborn caused by intestinal bact. (Fr) 26248

metastatic cancer of the spine, intraspinal inject. (Fr) 10026

middle ear dis., aerosol admin. of hydrocortisone succinate via Eustachian tube (Fr) 1026

neurodermatitis & eczema, comparison of hydrocortisone ointment with tarsteroid-neomycin ointment 16343

nummular eczema, iodochlorhydroxyquin-hydrocortisone cream 18797

osteoarthritis & rheum. arthritis, intra-articular inject of hydrocortisone & its tert-butylacetate 17017

osteoarthritis of knee, intra-articular admin. (Por) 51645

otitis media catarrhalis, with hyaluronidase, pertubal admin. (Ger) 11264

periureteric fibrosis causing renal failure, adjuvant to ureterolysis 2148

perop. & postop. local admin. in salpingolysis & salpingostomy for tubal sterility (It) 29615

pleurisy, exudative tuberc. (It) 29873

pleurisy, pleural empyema & pleural exudates, admin., intrapleural (It) 39526

prev. of infusion thrombophlebitis in esophageal stenosis (It) 9284

reduction of granuloma & keloids of foot, local admin. 4580

rheum. arthritis, admin., intra-articular, eff. on composition & properties of synovial fluid 36107

rheum. arthritis, comparison of intra-articular hydrocortisone acetate & tert-butylacetate 18371

rheum. arthritis, intra-articular inject. of hydrocortisone & related cpds. 54188

rheum., intra-articular inject., indic. & technics (Fr) 15225

shoulder pain, intra-articular admin. (Sp) 21177

skin dis. (Dan) 41954

skin dis., hydrocortisone-iodochlorhydroxyquin cream 32908

skin dis. of foot, with iodochlorhydroquin, topical admin. 4572

skin dis., topical admin. in fat-free powder suspension (Ger) 49008

skin dis., topical lotion (Ger) 11233

skin dis., with bromobensyl-α-pyridyl-diethylenediamine-maleinate (Ger) 3222

spine dis., intralumbar, peridural & paravertebral admin. (Ger) 6863

sterility, female 49479

tenosynovitis (Dut) 29952

ulcerative colitis, local admin. of hydrocortisone hemisuccinate sodium, controlled trial 14251

ulcerative colitis, local hydrocortisone hemisuccinate sodium, controlled trial using restricted sequential analysis 14252

## HYDROCYANIC ACID

***metabolism***

in cormophytes, distribution & taxonomic aspects (Dut) 20311

***poisoning***

eff. of cobalt gluconate & edathamil dicobalt in dogs (Fr) 31040

## HYDROGEN

***see also*** **DEUTERIUM**

***see also*** **TRITIUM**

parasympathomimetic eff. on frog heart (Ger) 35572

specific hydrogen ion catalysed degradation of chloramphenicol in glycol solutions, kinetics 50250

## HYDROGEN-ION CONCENTRATION

***see also*** **ACID-BASE EQUILIBRIUM**

determ. of lacrimal fluid pH by capillary micro-glass electrode 23881

eff. of urinary pH on amino nitrogen (Ger) 8075

measurement appar. for blood pH (Fr) 39872

method for determ. in circulating blood (Fr) 26684

of soil samples, determ. (It) 53804

pH calculator based on linear transform. of Henderson-Hasselbalch equation 21719

technic of blood pH determ. in hypothermia in hypothermia (Ger) 29049

## HYDROGEN PEROXIDE

chem. oxygenation by hydrogen peroxide (Fr) 43978

organic peroxides, anthelmintic eff. 16720

reactions with catalase in presence of hydrogen donors 1678

solutions in oxygenation of blood across porous membranes (It) 29568

yield from gamma-irradiated aqueous nitrite solutions 31604

***effects***

caustic eff. in animals (Ger) 43018

on blood gasometry after intraperitoneal admin. in rabbits (It) 42841

on exper. cancer & blood catalase & hemoglobin in tumor-bearing rats 19572

on exper. cyanosis, epicutaneous admin. (Ger) 34025

on growth in rats 29875

on incidence of phage-producing cells in bact. culture & of oxytetracycline-resist. cells 5109

on transplanted rat & mouse tumors 29818

on tumors in mice & rats 7180

on yeast cell increase in strains of different ploidy, microscopic comparison with ultraviolet irradiation (Ger) 11274

***metabolism***

peroxidation of fatty acids, role of cytochrome c in oxygen transfer (Fr) 28775

***therapeutic use***

peripheral vasc. dis., epicutaneous admin. (Ger) 34036

***HYDROGEN SULFIDE*** ***see*** **SULFIDES**

## HYDROGENOMONAS

induced synthesis of hydrogenase by Hydrogenomonas facilis 17297

resp. carriers in oxidation of hydrogen & lactic acid in facultatively autotrophic Hydrogenomonas ruhlandii 25411

## HYDRONEPHROSIS

(Sp) 21227

etiol. & surg. of bilateral hydronephrosis (Sp) 8570

ordinary & giant hydronephrosis, differentiation & clin. statist. 38391

***case reports***

gigantic & usual types (Rus) 55140

hydropyonephrosis with sarcoma of kidney pelvis (Ger) 11317

with periarteritis nodosa 9286

***complications***

form. of fissure in peritoneum, case report (Fr) 24245

infect. of hydronephrotic dystopic kidney, case report (Rus) 45607

intraperitoneal rupt., case report 5164

rupt. of kidney simulating acute appendicitis, case report (Sp) 53326

unilateral, with calculosis & infect. in congen. hypertension (Rus) 43547

***diagnosis***

renal puncture, indic. & case reports (Pol) 30719

***differential diagnosis***

hydropyonephrosis in acute abdom. synd. with adenocarcinoma of ectopic kidney, case report (It) 26586

***etiology and pathogenesis***

congen. caused by transposition of polar vessels of kidney, surg. (Ger) 55587

obstruct. of renal pelvis by ball-like aggregations of Monilia albicans, case report 2636

***experimental***

comparison of hydronephroses induced by partial tangential decortication & ligation of ureter in rabbits (Ger) 33533

lipase activity of kidneys (It) 36782

protective eff. of hydronephrosis against tubule necrosis caused by acriflavine in rabbits 17890

***in infant and child***

(Dan) 33397

acute, case report 33080

review (Pol) 43690

separate kidney funct. tests in predominantly unilateral hydronephrosis caused by congen. ureteropelvic obstruct. 12003

***pathology***

congen., physiopathol. 14171

***surgery***

hist. note 17505

in solitary kidney, indic. & technics 55037

primary diversion to ileal conduit, technic & statist. 18140

remote results of plastic surg. (It) 30301

***HYDROPHOBIA see*** **RABIES**

**HYDROPHTHALMOS**

in goldfish Carassius auratus (Ger) 7670

***HYDROPS see*** **EDEMA**

***HYDROQUINONES see*** **PHENOLS**

**HYDROTHERAPY**

***see also*** **BALNEOLOGY**

indic. (Ger) 18909

physiol. principles (Ger) 39946

underwater exercise ther., mechanism of action (Ger) 3244

***history***

(Fr) 21590

***in various diseases***

rheum. in adolescents, Kneipp's method (Ger) 4047

skin dis. (Ger) 3990

**HYDROTHORAX**

mechanical cond. of form. of hydrothorax & hydropneumothorax demonstrated by model (It) 37332

***complications***

ascites in patients with solid ovarian tumors, etiopathogen. (It) 14011

***etiology and pathogenesis***

congestive heart failure, case reports (It) 2496

***HYDROXAMIC ACID see*** **HYDROXYLAMINES**

**HYDROXIDES**

***see also*** **LYE**

sodium hydroxide method for culture of M. tuberc. from sputum 17715

sodium hydroxide treatment of maize eff. on availability of its nicotinic acid & amino acids 28567

**HYDROXYLAMINES**

***effects***

3-(1-hexahydroazepine)-propionyl hydraxide on cardiovasc. system, mechanisms 17932

1-hydroxyimino-acetone on isopropyl methylfluorophosphate pois. in guinea pigs (Fr) 46876

oximes & hydroxamic acids on exper. eye dis. 34546

oximes on end-plate potentials of nerve-muscle prep. 10435

oximes on exper. isopropyl methylfluorophosphate pois. in rats 48227

2-oximino-3-butanone & pyridine-2-aldoxime methyl iodide protective eff. against exper. organic phosphate pois. 21712

pyridine aldoximes & related cpds., reactivation of cholinesterase after alkyl phosphate inhib. 13390

pyridine-3-aldoxime methiodide on isopropyl methylfluorophosphate potentiation of frog rectus abdominis musc. response to acetylcholine 14129

pyridine-2-aldoxime methiodide reversal of diethyl-p-nitrophenyl phosphate- & parathion-induced resp. paralysis in exper. animals (Ger) 39898

***injurious effects***

dermatitis, in laboratory worker (Fr) 47773

***therapeutic use***

2-oximino-3-butanone & pyridine-2-aldoxime methiodide in anticholinesterase pois. 43121

pyridine-2-aldoxime methyl iodide in parathion pois. (Nor) 54974

54975

***toxicity***

of daily oral doses of pyridine-2-aldoxime methyl methanesulfonate in rabbits 11534

**HYDROXYPROPIOPHENONE**

sodium p-hydroxypropiophenone sulfate, pharmacol. studies (It) 3545

***effects***

mechanism of action (Ger) 22943

on pituitary hormone secretion in frog larvae 15578

***therapeutic use***

goiter (It) 26633

gonadotrophic hyperfunct. of anterior pituitary gland (It) 8460

***HYDROXYZINE see*** **TRANQUILIZING AGENTS**

**HYGIENE**

***see also*** **HEALTH**

***see also*** **INDUSTRIAL HYGIENE**

***see also*** **MENTAL HYGIENE**

***see also*** **SOCIAL HYGIENE**

contribution of Angelo Celli 54420

contribution of S. F. Khotovitskii (Rus) 39580

hyg. problems in reconstruction of winter stadium in Leningrad (Rus) 33322

hyg. research on factors of external environment by physiol. & clin. methods (Rus) 33318

hygienic-dietetic regimen, importance in ther. of ocular tuberc. in mountains (Ser) 33369

in Czech., relation of district physician (Cz) 2796

in Russia (Rus) 39574

laboratory of hyg., Ottawa, Canada 2592

present-day concepts in relation to Hippocratic doctrine 44694

problems relating to treatment centers, lodging & tourist installations in Italy (It) 54244

soc. & hygienic cond. among nomadic populations (Nor) 54976

***education***

contribution of G. V. Khlopin (Rus) 3814

in Finland (Rus) 3827

in Russia (Rus) 3808

**HYOID BONE**

***diseases***

calcification of hyoid cartilages in inf., x-ray 819

hyoiditis in ankylosing spondylitis (Ger) 23092

***surgery***

resection in surg. of branchioma & branchial fistula (Pol) 30309

***HYOSCINE see*** **SCOPOLAMINE**

***HYOSCYAMINE see*** **BELLADONNA ALKALOIDS**

**HYPEREMIA**

hyperemizing eff. of nicotinic acid phenol esters, assay (Ger) 1322

reactive hyperemia test in healthy young & old subjects (It) 36761

***in infant and child***

postop., ther. (Rus) 20280

**HYPERESTHESIA**

with precordial pains, funct. & psychogenic aspects (Nor) 45426

***HYPERFOLLICULINISM see*** **ESTROGENS**

**HYPERGLYCEMIA**

***see also*** **BLOOD SUGAR**

***see also*** **DIABETES MELLITUS**

fructose-induced hyperglycemia in diabetic patients, eff. of carbutamide (Fr) 21267

induced hyperglycemic test in diag. of menstruation disord., technic & value (Fr) 27720

***experimental***

eff. of vitamin C on epinephrine-induced hyperglycemia (Tur) 55085

eff. on adrenal cortex secretion in normal & diabetic dogs (Ger) 34001

hypoglycemic properties of Zygophyllum cornulum extracts in rabbits (Fr) 1053

induced by ethyl alcohol in dogs, mechanisms 44283

induced by glucagon, eff. of antidiabetics, determ. by glucagon tolerance test (Ger) 1593

induced by 5-hydroxytryptophan in rabbits 19674

relation to exper. Listeria monocytogenes infect. 55891

relation to hyperlipemia & ketonemia in pancreatectomized baboons 40796

***metabolism***

glucose prod. by liver 29866

***HYPERHIDROSIS see*** **SWEATING**

**HYPERINSULINISM**

***see also*** **HYPOGLYCEMIA**

clin. aspects of hypoglycemic reactions in diabetics treated by insulin (Ger) 51822

diabetogenic eff. 46948

functional (Por) 53835

***case reports***

primary (Ger) 49080

***differential diagnosis***

hypoglycemia, review 14714

***etiology and pathogenesis***

insulinoblastoma, surg., partial pancreatectomy (Sp) 47831

islet cell adenoma, diag. & psychol. problems 16394

***experimental***

eff. of various drugs on protracted coma in rat (Cz) 38343

eff. on blood cholesterol in rabbits (Rus) 7790

eff. on contractions of nictitating membrane after sympathetic preganglionic stimulation in cat (Rus) 37199

forearm circ. changes during insulin hypoglycemia in young adults, measurement 17968

***urine in***

arterenol & epinephrine 3245

***HYPERKINESIA see*** **MOVEMENT DISORDERS**

***HYPERMETROPIA see*** **HYPEROPIA**

***HYPERNEPHROMA see*** **KIDNEYS, *neoplasms***

**HYPEROPIA**

***see also*** **PRESBYOPIA**

***complications***

neuroses, mechanism & pathol. (Fr) 54109

**HYPEROSTOSIS FRONTALIS INTERNA**

(Fr) 38078

review 40634

***case reports***

(Fr) 2018

(It) 7741

(Pol) 30312

with virilism & schizophrenia (It) 36757

***etiology and pathogenesis***

hypoparathyroidism with nephrocalcinosis (Ger) 35581

***HYPERPLASIA see*** **HYPERTROPHY AND HYPERPLASIA**

**HYPERSPLENISM**

***see also*** **ANEMIA, SPLENIC**

***see also*** **JAUNDICE, CONGENITAL HEMOLYTIC**

***see also*** **PURPURA, THROMBOPENIC**

***see also*** **SPLENOMEGALY**

clin. aspects (Ger) 12101

in hepatic-splenic tuberc. (Pol) 43659

induced, in ther. of asthma (Cz) 14778

***case reports***

with agammaglobulinemia & reticulosis simulating Hodgkin's dis. (Nor) 19950

***complications***

anemia, hemolytic, pathogen. & ther. (It) 32602

blocking of erythrocyte immission, relation to develop. of anemia (It) 32600

***experimental***

inhibitory, causing blocking of bone marrow cell maturation & immission into circ. (It) 32598

inhibitory, induced by inject. of estrogens in oil suspension into spleen, histopathol. & physiol. aspects (It) 32597

inhibitory, osmotic resist. of leukocytes, eff. of splenectomy (It) 32599

***in infant and child***

primary splenic panhematopenia (Ger) 6083

**HYPERTELORISM**

(Ger) 12103

pathogen. & manifest. (It) 29584

review & case reports 43519

with arthromyogrypotic changes & partial gigantism, differ. diag. & pathogen., review (Ger) 34111

***case reports***

(Fr) 6386

Greig type, relation to other cranial dysostoses (It) 20228

with CSF rhinorrhea, meningitis & hydrocephalus (Fr) 44752

***complications***

asphyxia neonatorum due to bilateral stenosis of nasal passages 34930

cochleo-vestibular disord. (Ger) 11261

deafness (Fr) 47467

***heredity***

case report with hered. data 43520

***urine in***

amino acids (Pol) 53143

***HYPERTENSIN see*** **ANGIOTONIN**

**HYPERTENSION**

*see also* **ENCEPHALOPATHY, HYPERTENSIVE**

*see also* **HYPERTENSION, PORTAL**

*see also* **POLYCYTHEMIA HYPERTONICA**

accelerated form of hypertension as unique entity 33047

antihypertensive agents 20495

antihypertensive agents, clin. testing of 4 new drugs 25130

antihypertensive agents, eff. on develop. of renal lesions in malignant nephrosclerosis 12463

antihypertensive agents eff. on gas exchange in rats, influence of narcosis (Ger) 39882

antihypertensive agents, hemodynamic eff. & hazards of use 9793

antihypertensive properties of furazolidone 35701

clin. manifest. & hemodynamics in adolescents & young adults (Ger) 1317

course of primary hypertension in child. & young adults 36250

current status, review (Ger) 11256

diag., progn. & ther. 10443

diastolic (Sp) 21187

etiol. & prev. 6435

etiol. & ther. (Ger) 42245

etiol. & ther. (It) 48106

etiol. & ther. (Sp) 39116

in rheum. dis., eff. of phenylbutazone ther. 12309

malignant (Rus) 32881

malignant, diag. & ther. (Por) 21024

primary pulm. (Ger) 21600

pulm. 41241

pulm. (Fr) 54038

pulm., arterial, manifest. & diag. (Fr) 43780

pulm., classif. & importance of vasoconstrictive factor 14041

pulm., primary, review (Fr) 54045

radiography in diag. & management 20471

relation to epistaxis 37717

relation to obesity, review (Ger) 11130

relation to renal insuff. & amyloidosis of kidney in leprosy (Sp) 42184

renal 27826

renal (Rus) 33503

renal, incidence in various kidney dis. & abnorm., ther. & progn. 36047

review of Russian literature 47515

***blood in***

acid-base equilibrium & cholesterol, eff. of vitamin C (Rus) 33243

adenylpyrophosphatase, in various forms of hypertension 24115

cholesterol, eff. of artif. & natural ultraviolet rays (Ger) 47689

cholesterol, eff. of oxygen (Rus) 33235A

cholesterol, eff. of N-(γ-trimethylammoniumpropyl)-methylcamphidinium dimethyl sulfate (Ger) 11203

lipids (Rus) 45163

lipids & lipoproteins, determ. & evaluation 35166

low potassium level 12314

phagocytosis of leukocytes as index of reactive capacity of organism in hypertension (Rus) 33247

protein fraction in humans, cardiotonic eff. on isolated frog heart 14999

viscosity, eff. of reserpine (It) 6364

***case reports***

benign intracranial (Dut) 7337

clin. pathol. conf. 51576

pulm., primary 24985

pulm., primary, with hypoplasia of aorta & left heart (Fr) 7047

pulm., with patent ductus arteriosus & interventric. & interauric. communication (Fr) 7045

pulm., with patent ductus arteriosus, slow closure in reversed shunt operation (Dut) 29949

with rheum. arthritis & disseminated lupus erythematosus, clin. & postmortem pathol. 48289

***complications***

adrenal cortex adenoma with refractory edema, causing aldosteronism (Fr) 54377

arteriosclerosis (Rus) 33239

arteriosclerosis, autopsy findings on distribution of arteriosclerotic lesions in normal & high blood pressures (Rus) 33158

brain dis. (Rus) 38815

cancer (Rus) 45205

cardiovasc. changes, evolution & significance 16675

cerebral hemorrh., pathol. (Rus) 46291

congen., with unilateral hydronephrosis, calculosis & infect. (Rus) 43547

congestive heart failure (Bul) 32816

congestive heart failure & angina pectoris, ther. 5248

cor pulmonale due to isolated hypertension of pulm. circ. (Fr) 47750

coronary arteriosclerosis (Ger) 18945

gastrointestinal hemorrh. (Rus) 45149

glaucoma in pulm. hypertension, case report (Fr) 14516

headache, oxygen ther. (Rus) 33232

hypertensive crisis, ther. 49868

kidney dis., expert testimony (Ger) 11320

left ventric. failure, eff. of sublingual glyceryl trinitrate on pulm. arterial pressure 47507

Leriche synd., case report 46853

lobar pneumonitis during med. ther. of malignant hypertension, case report 46425

lumbodorsal splanchnicectomy 17668

Martorell ulcer, ther. (Sp) 12997

ment. disord., eff. on higher nerv. activity (Rus) 33248

ment. disord., ther. (Rus) 33249

microfocal cerebral funct. loss, clin. picture & pathogen. (Rus) 28816

pancreatitis, acute (Rus) 41682

patent ductus arteriosus in pulm. hypertension, surg., anesth. problems 35989

primary pulm. hypertension with attacks of syncope (Ger) 39882

psychoses, reserpine ther. (Rus) 46314

pulm. arteritis & fatal hemoptysis in pulm. hypertension, case report 5700

renal insuff. & spongiosis, case report (Fr) 24251

retinopathy (Ger) 28939

retinopathy, reversal during drug ther. 23857

retinopathy, review 35730

vasc. crisis (Rus) 33883

***diagnosis***

digital vasoconstriction produced by infused arterenol 4669

early diag. technic (Bul) 16405

intracranial without localizing signs, diag. value of carotid angiography (Fr) 263

***etiology and pathogenesis***

51571

abdom. trauma, causing renal hypertension (Ger) 21623

Addison's dis. (Fr) 10039

adhesive pericarditis causing pulm. hypertension, case reports (Fr) 54042

adrenal cortex dis., review (Sp) 8801

amputation, medicolegal aspects in military compensation cases (Ger) 19047

aorto-iliac thrombosis, case report 51328

arterial dystonia (Rus) 32880

bladder distention in spinal cord inj. (Fr) 9145

brain closed inj. (Rus) 32879

chronic bronchopulm. dis. causing pulm. hypertension, clin. statist. (Fr) 54040

coarctation of aorta, repair with relief of hypertension in 57-year-old man 28148

congen. adrenal hyperplasia, 11-desoxyhydrocortisone metabolites in urine (Fr) 36055

congen. cardiovasc. defects causing pulm. hypertension (Fr) 54044

echinococcosis of adrenal medulla causing paroxysmal hypertension (Fr) 53406

embolism of renal arteries in mitral valve disord. (Ger) 49070

etiol. role of pregn. toxemias (Ger) 5708

exper. & clin. aspects 53068

female climacteric, review (Fr) 25093

Guillain-Barré synd., with hypothenuria & hypercalciuria without hypercalcemia in postparalytic period (Sp) 44494

heart dis., late manifest. (Ger) 11137

hypoplasia of kidneys (Ger) 41331

in liver cirrhosis due to schistosomiasis 11306

incidence of curable causes 17617

kidney dis. 10992

mechanism of metacorticoid hypertension 36245

mitral stenosis causing pulm. hypertension, clin. statist. (Fr) 54039

occlusive polyp in right heart auricle causing pulm. hypertension, case report (Fr) 54043

occup. factors (Rus) 45253

orthostatic, possible relation of aberrant renal arteries curving around & compressing the renal vein 36490

pheochromocytoma causing paroxysmal hypertension, surg., case report (Fr) 6324

pheochromocytoma, diag. & surg. (Pol) 53183

postop. pulm. hypertension in pneumonectomy, eff. of preop. occlusion of pulm. artery (Fr) 54041

post-traum. lesions, legal aspects (Ger) 42369

relation to dietary salt intake 26149

renal arterial obstruct., unilateral, value of differential renal clearance studies 464

renal arteriosclerotic (Ger) 51779

renal artery bilateral thrombotic occlusion, surg. removal of thrombus 13218

renal artery dis., classif. & diag. 33119

renal, caused by unilateral atrophy of kidney after pyelonephritis, eff. of nephrectomy (Ger) 45581

renal tuberc., surg., ablation of excluded kidney causing temporary improvement of hypertension (Fr) 17652

repeated blows to head causing hypertension & seq. simulating cerebral hemorrh., case report & medicolegal aspects (Sp) 31029

resp. polio. (Sp) 31019

soc. factors 2640

streptoc. pharyngo-amygdalitis & scarlet fever (Rum) 43894

streptoc. pharyngo-amygdalitis & scarlet fever, relation to action of streptoc. toxin on vasc. receptors (Rum) 43991

tuberc., pulm. (It) 3913

tuberc., pulm., incidence & evolution (It) 3913

unilateral pyelonephritis 33445

unilateral renal ischemia 47521

unilateral renal tuberc., nephrectomy (Sp) 13538

venous hypertension in congestive heart failure, ther., hexamethonium & veritol (Sp) 20633

***experimental***

adrenal regen. hypertension after unilateral nephrectomy with contralateral adrenal enucleation in weanling rats 15895

adrenal regen. hypertension following adrenalectomy in dog & rat 10439

adrenal-regen. hypertension in rats, natural hist. 48733

adrenal-regen. hypertension, prev. by Δ4-androstene-17β-ol-3-one-17α-(3-propionic acid γ-lactone) in rats 49272

antihypertensive eff. of Δ4-androstene-17β-ol-3-one-17α-(3-propionic acid γ-lactone) in rats 24361

cardiovasc. reactivity to arterenol in hypertensive rats, eff. of pretreatment with 17α-propylestrane-17β-ol-3-one 47730

chronic neurogenic hypertension, induction method in dogs (Fr) 13449

eff. of desoxycorticosterone on hypotensive action of reserpine in rabbits, mechanism of action (Pol) 7773

eff. of dietary sodium chloride in various quantities (Rus) 33626

eff. of dimercaprol on amine oxidase & amino acid decarboxylase of normotensive & hypertensive rat kidney 40348

eff. of hydralazine on kidneys in hypertensive rats 14104

eff. of ion exchange resins in hypertension induced by renal ischemia in rats (Fr) 48087

eff. of sodium intake level on blood pressure & survival in rats 12498

histochem. changes in adrenals & kidneys of rats made hypertensive by Goldblatt method 29859

hypertensive cardiovasc. dis. induction by desoxycorticosterone acetate in sensitized rat, eff. of electroshock stress 45379

hypertensive retinopathy (Por) 8776

hypoxic pulm. hypertension in dog, clin. eff. 48144

induced by sodium chloride, protective eff. of potassium chloride in rats 12351

induced by stimulation of vagus, mechanisms (Sp) 32465

induction by desoxycorticosterone acetate in unilaterally nephrectomized rats 3419

induction by reserpine admin. in high doses in rabbits 307

induction in rats surviving total body x-irradiation 137

induction of pulm. hypertension by cellophane banding pulm. veins in dogs 22010

postnephrectomy, potentiation by dietary proteins in dogs 48720

pulm., behavior of blocking mechanisms & anastomoses of pulm. vessels in cats (It) 3897

pulm., physiopathol., review (Fr) 37794

renal circ. rate & oxygen consumption in arterenol-induced hypertension in dogs (It) 37410

renal, eff. of partial renal corticectomy in rabbits 33849

renal, eff. of triiodothyronine in rat (Fr) 26715

renal, eff. of triiodothyronine in rat (Sp) 8981

renal, eff. on blood proteins in cholesterol-induced atherosclerosis in rabbits 6116

renal, eff. on peripheral blood circ. in rabbits (Ger) 47907

renal, endocrine factors in rats (Ger) 3373

renal hypertension, renin content of kidneys in intact & adrenalectomized rats given desoxycorticosterone 35789

renal, hypotensive eff. of ferritin in rabbits (Rus) 52950

renal in pregn. rats, relation of blood pressure fall to fetal kidney 2058

renal, quantitative study of eff. produced on hypertensive vasc. dis. by prev. & remission of hypertension in rats 698

renal, review (Ger) 51778

susceptibility of rats with hormonal hypertension to exper. pyelonephritis 40684

venous, eff. on renal & systemic hemodynamics (It) 27439

venous, induction of hypertrophy in human livers in vitro (Ger) 33531

***heredity***

inherited hypertension in cross-bred rats 19499

primary pulm. hypertension in 3 siblings 48148

***in ages***

adrenal & pituitary pathol. in aged ment. dis. patients with & without renal dis. 5618

med. ther. (Sw) 43220

ther. with fixed combination of phenoxybenzamine, protoveratrine & rauwolfia 4442

thyroid funct. test (It) 27613

urinary catecholamines (It) 27614

***in infant and child***

arterial, caused by virilizing adenoma of adrenal cortex in 2-year-old child (Fr) 54450

caused by malform. of left renal artery, case report 25454

eye fundus changes (Ger) 51248

following traum. renal hematoma, case report (Ger) 34361

incidence & clin. manifest. in school child. (Bul) 32737

malignant with unilateral renal hypoplasia, nephrectomy, (Fr) 17663

primary pulm., with cor pulmonale & fibrous intimal thickening of pulm. arteries, clin. pathol. conf. 7442

pulm., causing reversal of shunt in patent ductus arteriosus, case report 3394

with weight loss, clin. pathol. conf. 55136

***in pregnancy***

3012

manifest., ocular (Por) 8774

placental bed blood vessels, histol. 17849

with nephrotic synd., determ. of 17-ketosteroids in amniotic fluid (It) 24956

with recur. in subsequent pregn., pathogen. mechanisms (Fr) 37927

***manifestations***

(Por) 8770

8771

arterial pulse wave studies in normotensives with transient hypertension 38489

clin. manifest. of malignant hypertension (Rus) 9854

ECG in young subjects (Rus) 18290

eyes 5250

5342

eyes, anat. & pathol. significance (Por) 8773

eyes, classif. (Por) 8772

eyes, clin. significance (Por) 8775

eye fundus (Rus) 9856

eye fundus exam., correlation with clin. picture (Pol) 43654

eye fundus in young subjects (Ger) 28895

eye fundus in young subjects (Rus) 22562

eye fundus, ophthalmoscopy (Ger) 28912

eye fundus, variations from arm pressure (Ger) 28896

neurol. & psychiatric synd. (Sp) 31033

neurol., early (Ger) 15301

x-ray & hemodynamics in pulm. hypertension (Fr) 54046

***metabolism***

oxygen consumption & cytochrome oxidase activity of aorta in rat 50532

sodium chloride 47512

steroid synthesis by adrenal cortex slices from hypertensive patients 17061

water distribution (It) 1970

***pathology***

adrenals (Rus) 53458

adrenal glands 17013

adrenals in essential hypertension, histol. & histochem. study after adrenalectomy (It) 27354

arteries of small intestine, postmortem angiography 41837

autonomic ganglia, morphol. changes in essential hypertension (Sp) 21164

carotid sinus pressure receptor histol. in hypertensive patients (Ger) 35254

intimal hemorrh. of aorta, postmortem incidence 28956

kidneys, physiopathol. of glomerulus in essential hypertension (It) 6939

plasma impregnation of large arterial walls (Rus) 25757

progr. histopathol. changes in pulm. arteries in hypertensive pulm. dis. with congen. septal defects 2900

pulm., graded pulm. vasc. changes & hemodynamic findings in atrial & ventric. septal defect & patent ductus arteriosus 38494

pulm., in heart dis., causing histol. changes in lungs 48185

pulm., relation of immediate reversibility to structural changes in small pulm. arteries after closure of atrial & ventric. septal defects 38495

pulm., with mitral stenosis & congen. cardiovasc. defects, correlation of hemodynamic & lung biopsy data 42511

tunica media of pulm. arteries in pulm. hypertension 5688

***physiology***

adaptive structural changes of vasc. walls & their relation to control of peripheral resist. 46694

adrenal-regen. hypertension, mechanism 53116

adrenal-regen. hypertension, role of pituitary in develop. 49379

arterial, venous & spinal fluid pressure correlations (Rus) 28817

ballistocardiographic determ. of peripheral arterial funct. (Pol) 30830

ballistocardiography (Pol) 30730

behavior of unconditioned vasomotor reflexes & reactivity of peripheral vessels to epinephrine & ethylmorphine (Pol) 30857

blood circ. in labile hypertension, eff. of cold (Ger) 27192

brachial to digital blood pressure gradient, determ. by auscultatory technic 2540

capillary permeability (Rus) 7792

cardiovasc. mechanocardiography in flying personnel (Rus) 45883

corticospinal mechanisms in neurogenic hypertension (Sp) 9671

daily variations of arterial pressure (Bul) 16423

eff. of arterenol admin. on pulm. circ. in hypertensives 31790

eff. of body positions on arterial pressure (Bul) 16422

eff. of surg. on arterial pressure (Rus) 41676

eff. of trimethaphan on ballistocardiogram K wave in hypertension without heart dis. (Sp) 8834

eff. on peripheral NS (Dut) 52500

form. of new vasc. channels in lungs in pulm. hypertension 17905

gastric secretion (Rus) 32541

hemodynamic changes during amobarbital test in hypertension, mechanism (It) 49577

hemodynamics, general & renal, diurnal changes (Cz) 26513

left ventric. contraction, eff. of extracardiac factors (Ger) 38100

mechanical stimulation of stomach causing blood pressure changes (Cz) 9490

minute volume, x-ray kymographic determ. (Rus) 33257

pancreas (Rus) 41659

physiol. regulation (Fr) 37791

prohypertensive & antihypertensive actions of kidney, review 13152

pulm. arterial pressure in normal cond. & hypertension (Sp) 6574

pulm., in congen. cardiovasc. defects, mechanism 14039

pulse wave speed determ. (Rus) 18304

relation to blood circ. in stress conditions, review (Ger) 13353

retinal arterial & systemic arterial pressures, eff. of pendiomide (Fr) 14504

role of kidney in arterial hypertension (Sp) 21048

vasomotoricity in endocrine hypertension (Rum) 44010

***statistics***

in So. African hosp., racial incidence 12216

in the Orient 4836

mortal. in moderate & severe hypertension 10445

mortal. in relation to liability & age, life expectancy & causes of death in substandard insurance risks 10444

***surgery***

adrenal denerv., surg. anat. & technic 904

adrenalectomy, bilateral, follow-up 11800

adrenalectomy, bilateral, postop. hormonal requirement in progressive renal insuff. & hyperkalemia 46959

adrenalectomy, indic. (Fr) 54469

adrenalectomy, review (Rus) 45671

hazards in extrahepatic hypertension with obstruct. jaundice 17465

in nephro-angiosclerosis (Sp) 30991

nephrectomy in renal hypertension, indic. (Ger) 11319

pulm., with patent ductus arteriosus 5894

renal, cure by removal of hypoplastic kidney (Pol) 53160

sympathectomy, follow-up 48361

technic (Ser) 51706

***therapy***

***see also*** **HYDRALAZINE**

***see also*** **RAUWOLFIA ALKALOIDS**

14674

(It) 13858

(Nor) 54980

(Rus) 45901

(Sp) 21777

adjuvant methylphenidylacetate (Ger) 22180

5-allyl-5-(β-hydroxy-γ-iodopropyl)-barbituric acid (Pol) 8061

assessment of need for ther. 42097

balneol. procedures, eff. on ECG (Pol) 30867

balneother., comparison of various procedures (Ger) 29478

calcium with estradiol & testosterone 211

chlorisondamine chloride 13007

chlorisondamine chloride (Cz) 21555

chlorisondamine chloride (Ger) 34187

chlorisondamine chloride, hemodynamic eff. (Cz) 21556

chlorisondamine chloride with reserpine (Por) 16480

2-(o-chlorobenzyl)-imidazoline HCl, evaluation 447

8-[3-(2-chlorophenothiazin-10-yl) propyl]-pseudo-3α-hydroxynortropane 39559

chlorothiazide
1271 4502 7646 13184
17552 17641 27822 38010
40285 45043 51342

chlorothiazide (Ger) 54330

chlorothiazide (Nor) 54950

chlorothiazide, blood level determ. 9263

chlorothiazide, eff. on patients using reserpine (Fin) 27303

chlorothiazide in women, mechanism of action 43150

chlorothiazide, mechanism of action 13186

chlorothiazide with reserpine 35706

combined ther. in health resort, eff. on ECG (Rus) 54550

diets, eff. of meat & vegetables on various cardiovasc. factors (Rus) 10236

diet, eff. of protein content (Rus) 33627

digitoxin-Rauwolfia alkaloid-theobromine sodium salicylate prep. (Ger) 45400

digitoxin with Rauwolfia alkaloids & theobromine (Ger) 29471

diuretics with rauwolfia & mecamylamine, results 27517

drug ther. 28533

drug. ther. (Sp) 3320

drug ther., basic principles 43720

drug ther., review 21873

early drug ther., indic. 4022

eff. of ther. agents of severe & malignant hypertension on kidney funct. (Sp) 8704

electronarcosis (Rus) 28822

fruit-rice diet (Rus) 32542

ganglion-blocking agents causing constipation, ther., bis(p-acetoxyphenyl)-3-pyridylmethane (Ger) 45389

ganglion-blocking agents inducing postural hypotension, varied responses in individual patients 2886

ganglion blocking agents, potentiation by chlorothiazide 13185

ganglionic blocking agents (Sp) 8703

13548

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

heparin, eff. on renal hemodynamics (It) 29704

hexamethonium causing interstitial pneumonitis 46437

hexamethonium cpds. & pentolinium tartrate (Dan) 1629

hist. & progr. 39731

home blood-pressure readings in management of hypertension, appraisal 45586

hydergine & salt-free diet, comparison (Ger) 49134

hydergine, double blind clin. evaluation 32523

iodine ther., eff. on body fluid balance (Ger) 11000

malignant, results of long-term ther. 2912

management in GP 2628

mecamylamine & chlorothiazide 29304

methylparafynol (Ger) 46102

mortal. rates in treated severe cases, comparison of med. & surg. methods 51

new drugs 47505

olive leaf extract with reserpine (Fr) 29213

oxaditon in reserpine resistant hypertension 36111

oxygen, eff. on higher nerv. activity (Rus) 33235

panel discussion on management 4426

pendiomide & 2, 6-dimethylpiperidine (Rus) 9893

pentamethonium, eff. on EEG (Cz) 36286

pentolinium tartrate, case reports (Fr) 20670

procaine, intra-arterial admin. (Bul) 45287

protoveratrine, oral 496

rauwolfia-phenoxybenzamine-protoveratrine prep. 4538

renal 27264

reserpine-khellin-phenobarbital prep. (It) 39517

review (Fr) 33414

review (Ger) 23016

therapeutically refractory hypertension, causative factors & ther. with chlorothiazide 24984

trachanthin (Rus) 10238

trimethaphan, eff. on ECG findings (Ger) 35946

N-γ'-trimethylammonium-propyl)-N-methyl-camphidinium dimethylsulfate 12313

33435

N-(γ'-trimethylammoniumpropyl)-N-methyl-camphidinium dimethyl sulfate (Ger) 6686

N-(3-trimethylammoniumpropyl)-N-methylcamphidinium dimethylsulfate, oscillometric results (Ger) 42331

N-(γ-trimethylammonium-propyl)-N-methyl-camphidinium dimethyl sulfate-reserpine-serpentine prep. (Ger) 18921

35570

value of retinal blood pressure determ. 23856

Veratrum album, total extract (Rum) 43992

veratrum alkaloid hypoveral (Rus) 32882

*urine in*

adrenal cortex hormones, eff. of Rauwolfia alkaloids 51317

proteins, increase during tubular saturation with p-aminohippuric acid (It) 44167

**HYPERTENSION, PORTAL**

etiol. & diag. (It) 29612

etiol. & surg. (Sp) 48747

etiol., diag. & surg. indic. 14790

manifest. & diag. (It) 8607

physiopathol. & clin. aspects (It) 31686

without obstruct. (It) 25562

*case reports*

extrahepatic, with obstruct. jaundice, surg. hazards 17465

*complications*

ascites, physiopathol. mechanisms (It) 21015

esophagogastric, with splenic anemia, surg. ther. (Fr) 31688

hemorrh. from esophageal varices, surg. (Rus) 41530

hemorrh., gastrointestinal, surg. (Pol) 20417

hemorrh. of esophageal varices, surg. (Sp) 8154

hemorrh. of esophageal varices, surg., portocaval & splenorenal shunts 5861

hemorrh. of esophageal varices, surg., technics (Fr) 1449

*diagnosis*

determ. of portal pressure, value in diag. & choice of treatment (Rus) 18246

methods (Ger) 42325

portal venous pressure determ. 18740

splenoportography (Fr) 41133

splenoportography, indic. & evaluation (Fr) 41397

splenoportography, percutaneous technic & value 10685

*etiology and pathogenesis*

extrahepatic venous obstruct. 18055

hepatic pediculitis, case report (Fr) 7060

interstitial hepatitis, case reports (Fr) 6289

*experimental*

eff. of spleno-nephropexy (It) 30667

prod. by gradual complete occlusion of hepatic veins in dogs 20789

*in infant and child*

caused by stenosis of portal vein (Fr) 23925

etiol. & surg. (Fr) 24291

etiol., diag. & ther. (Ser) 35060

review (Ger) 15414

*metabolism*

blood ammonia & metab. disord. (Fr) 43987

*pathology*

splenoportographic aspects (Fr) 36652

*physiology*

intrahepatic capillary pressure (Fr) 35147

portal hemodynamics (It) 6816

*surgery*

anesthesiol. procedure & postop., compl. (It) 43462

portacaval anastomosis (Ger) 29087

portacaval & splenorenal shunts 10076

portacaval & splenorenal shunts (Heb) 39760

portacaval & splenorenal shunts, indic. & contraindic. 39782

portacaval shunt formed by new method of splenonephropexy, exper. study (It) 51981

portacaval shunt in liver cirrhosis (Ger) 39836

porto-systemic shunts, problems of anesth. & postop. management (It) 6777

present state (Rus) 52876

splenectomy, postop. diag. of esophageal varices in child. (Pol) 30710

splenectomy with omentohepatic fixation & omentorenopexy (Rus) 18245

venesection by percutaneous puncture of spleen (Ger) 52270

*therapy*

med. ther. of portal hypertension in liver cirrhosis 13159

***HYPERTHERMIA** see* **FEVER**

**HYPERTHYROIDISM**

diag. & ther. with radioiodine, review (It) 8656

hyperthyroidism, hyperthyroxinism & hyperthyreosis, definition & proposed terminol. (Fr) 44996

manifest. & ther. (Fr) 51398

postop. thyrotoxic crisis (Ger) 29116

relation to obesity (Fr) 39206

*blood in*

adenylic acid system of erythrocytes (Ger) 41735

erythrocyte sedimentation, role of thyrotropic hormone (Ger) 46107

17-hydroxycorticosteroids before & after various surg. procedures (It) 44846

iodinated protein in patients undergoing radioiodine ther., relation to serum albumin 52396

lactic & pyruvic acids in goitrous hyperthyroidism, comparison of preop. & postop. levels with simple goiter (It) 20987

lipoproteins (It) 36725

total & ultrafilterable magnesium 17026

procainesterase (It) 36206

protein-bound radioiodine determ., significance 35135

*case reports*

following thyroiditis 30186

in young women, resist. to ther. (Ger) 46129

latent (Fr) 9119

perop. death in hyperthyroidism with large persisting thymus (Ger) 23199

with adrenocortical hyperactivity & glycosuria 6129

with prolonged metrorrhagia & galactorrhea in hyperhormonal synd. of anterior pituitary (Pol) 39642

*complications*

Addison's dis. in adolescent, case report (Fr) 51360

beriberi in alcoholic with congestive heart failure manifest., case report (Fr) 51357

cardiac insuff., case report (Sp) 21160

congestive heart failure, ther. radioiodine & surg., comparisons (Fr) 43738

diabetic acidosis, persistent, during mild hyperthyroidism (Pol) 43677

heart dis. 12256

heart dis. (Fr) 9107

heart dis., diag. value of EKG & x-ray (Ger) 54321

heart dis. in Graves' dis. & exophthalmic goiter 17595

heart dis., radioiodine, diag. & ther. value 15266

hypercalcemia & renal dis., case report 35107

hypertrophic pulm. osteoarthropathy with pretibial myxedema 17047

myopathy 41217

myopathy in aged, differ. diag. from polymyositis 35173

ocular, differ. diag. & radiother. (Ger) 26184

osseous synd. consisting of pain, fract., deformities & spongiosis of bone, case report (Fr) 44777

presumptive acute pericarditis 252

pretibial myxedema caused by synthetic antithyroid cpds. (Fr) 2405

*diagnosis*

free Achilles reflex 55130

radioiodine, determ. of blood levels 352

radioiodine, technic (Fr) 9108

radioiodine tests 26144

*differential diagnosis*

(Fr) 44998

autonomic NS dysfunct., value of sleeping metab. rate 10507

by thyrotropin test of degree of hyperfunct. (It) 49585

*etiology and pathogenesis*

psychol. trauma (Cz) 38288

*experimental*

eff. of diet on choline oxidation rate in liver of hyperthyroid rats 12513

eff. of liver lesions (Rus) 53450

eff. on sulfobromophthalein excretion by liver in rats 51385

glutamic-oxalacetic transaminase activity of heart, brain & liver in exper. hyperthyroidism in rats (It) 1948

karyometry of cellular elements of hypothalamo-neurohypophysial system in hen (Fr) 26940

prev. of liver necrosis in hyperthyroid rat by selenium 42968

response of immature female mice to follicle stimulating hormone 55426

*in infant and child*

(Dan) 30222

case reports, statist. analysis 50423

radioiodine ther. causing late appearance of thyroid nodules 50422

statist. 4141

*in pregnancy*

eff. of ther. agents on fetus 1792

*manifestations*

clin. manifest. (Fr) 9108

descriptions of overlooked clin. signs of diag. value (Fr) 44997

exophthalmos 27960

exophthalmos caused by Pourfour du Petit's synd. after pulm. tuberc., review & case report (Sp) 43898

exophthalmos, eff. of x-irradiation of diencephalon & pituitary gland (It) 31651

progressive exophthalmos, develop. 13 years after thyroidectomy for hyperthyroidism, case report 13170

*metabolism*

calcium, review 7562

peripheral metab. of exogenous thyroxin in patients with treated hyperthyroidism 17070

thyroid iodine, eff. of fluorine 17025

*pathology*

basement-membrane changes of thyroid follicle, relation to high thyroid antibody titer 41813

*physiology*

adrenal cortex funct. tests (Ser) 32606

blood circ., relation to blood coagulation (Ger) 27183

CNS (Fr) 32400

EEG in secondary hyperthyroidism (Fr) 8342

eff. on heart, ECG manifest. 48152

gastric juice secretion & stomach motor funct. (Rus) 32891

kidney concentrating ability 17032

parathyroid gland funct. 49239

peripheral blood flow, plethysmography in radiotodine-treated subjects (It) 1515

***statistics***

correlation with age, occup. & sex & comparison with acrodynia (Pol) 30858

***surgery***

(Fr) 9110

compl., postop. fever & tachycardia, ther., artif. hibernation (Fr) 44678

postop. changes in total protein & protein fractions in blood (Rus) 22531

premedication, meprobamate (It) 54268

preop. admin. of 10-(2-dimethylamino-2-methylethyl)phenothiazine & diethazine with local procaine anesth. (Rus) 31160

preop. admin. of methylthiouracil (Rus) 51219

preop. management with reserpine 8006

preop. prep. with thyroid antag. (Rus) 21865

results (Rus) 41510, 51179

subtotal thyroidectomy, preop. medication, compl. & postop. thyroid funct. (Sp) 8180

thyroidectomy, statist. (Fr) 6290

with artif. hibernation & local anesth. (Rus) 41539

***therapy***

(Fr) 29211

ACTH, statist. 3193

advances 42826

med. ther., review (Sp) 31868

methimazole (Ger) 6685

methimazole, eff. on blood picture & bone marrow (Ger) 22964

methylthiouracil, compl. (Ser) 51715

perchloric acid, eff. on iodine uptake of thyroid gland, radioiodine test (Ger) 19399

potassium perchlorate (Ger) 18919

potassium perchlorate (Rus) 53455

prednisone, results (Ger) 35109

radioiodine 20540, 37729

radioiodine (Fr) 9109

radioiodine (Rus) 53454

radioiodine (Sp) 44423

radioiodine, causing acute granulocytic leukemia 43156

radioiodine causing acute transitory psychotic reaction 47185

radioiodine, dos. (Rus) 32890

radioiodine, eff. on blood sugar (Rus) 53453

radioiodine in toxic nodular goiter 8472

radioiodine or partial thyroidectomy, post-ther. histol. of thyroid gland 17899

radioiodine, ther. importance of determ. of weight of thyroid gland & clin. & biol. factors 35855

radiother., surg., thyroid antagonists & other drugs (It) 2977

reserpine 37247

reserpine (Fr) 54472

reserpine (Ger) 8144

reserpine (Pol) 43668

review (Sp) 31483

thyroid antag. & radioiodine, indic., results & toxic reactions 45810

thyroid antag., causing myxedema (Fr) 41943

thyroidal pyrocatechol prep. with potassium perchlorate potentiation (Ger) 11220

thyroxin, physiol. activity 14245

x-ray ther., late results (Fr) 21327

***urine in***

arterenol & epinephrine 2245

17-ketosteroids (Pol) 30745

## HYPERTONIC SOLUTIONS

***effects***

intravenous infusion of saline & glucose, on renal excretion of water & electrolytes (It) 3867

on knee jerk, interoceptive factor in intra-vasc. inject. (Rus) 1748

on skin of frogs after surface application 40104

on velocity of shortening, isometric tension, latent period & twitch response of frog musc. 28624

oxytocic eff. of hypertonic sodium chloride solutions administered intravenously in term pregn. 47007

saline on liver, prod. of watery vacuolation after intravenous inject. into mice 28955

***therapeutic use***

azotemic salt-losing nephritis (Ger) 39888

osmother. (Ger) 55438

***HYPERTRICHOSIS see*** **HAIR**

## HYPERTROPHY AND HYPERPLASIA

hypertrophy of pyloric antrum, simulating carcinoma, diag. & case reports 37621

orthopedic aspects of congen. hypertrophy 12700

polypous hypertrophy of tonsils (It) 37313

thymic hyperplasia with goiter (It) 39663

***case reports***

adrenal congen. hyperplasia with unusual blood 17-ketosteroid pattern & periodic fever 50440

adrenal congen. virilizing hyperplasia in identical twins 50429

hyperplasia of mandibular condyle, unilateral 20687

mandibular unilateral total acquired hypertrophy (It) 25712

pseudotumoral hypertrophy of mesentery in myosclerosis (Fr) 53995

uterine hypertrophy with hilus cell tumor of ovary & virilization, in 73-year-old woman (Ger) 49817

***complications***

uterine hyperplasia causing uterine hemorrh., ther., oral norethisterone (Sp) 2956

***diagnosis***

hyperplasia in long bones, method for clin. assessment of involvement 28987

***etiology and pathogenesis***

parotid gland hypertrophy caused by defic. dis. (Sp) 44517

***experimental***

esophageal hypertrophy caused by partial stenosis of pylorus, in rabbits, relation to gastroduodenal dyskinesia (It) 52113

induction of breast hyperplasia by pituitary suspension with estrogens in rats (Rus) 31158

musc. hypertrophy, eff. of postmortem changes on assessment of dis. in pulm. arteries 14789

***in infant and child***

congen. hypertrophy of cerebellum in 3-year old child (Fr) 35250

lymphoid hyperplasia of intestine, non-tumoral, causing invagination in inf. (Sp) 53916

***manifestations***

cystic glandular hyperplasia, hysterography 35437

***pathology***

hyperplastic changes of cardiac valves in senility (It) 39661

***surgery***

breast 28652

## HYPESTHESIA

***surgery***

acoustic nerve hypesthesia caused by arachnitis (Hun) 4133

## HYPNOSIS

***see also*** **SUGGESTION**

51522

(Fr) 55122

abuses, moral responsibility of physician (Sp) 39970

adjuvant in anesth. (Dut) 7304

comparison with narcosis (Fr) 55124

exper. control of dependency by posthypnotic suggestion 40730

hypno-anesth. 2199

in determ. of relations of signaling systems (Ger) 20844

in GP, application & limitations 41240

in GP, changing concepts 51600

in GP, methods & case reports 20553

in GP, value 18651

in psychiatry (Fr) 55123

in surg. 55125

in tonsillectomy (Por) 18825

posthypnotic compliance, dynamic aspects 16501

relation to conditioning 5037

relation to crime (Nor) 45419

religious aspects (Por) 21077

***effects***

on intraocular pressure in normal & glaucomatous subjects 8428

***therapeutic use***

50894

adjuvant in ulcer of cornea (Sp) 32464

AMA council report 4472

enuresis (Rus) 55157

gyn. dis. & labor (Fr) 55126

hypotension (Rus) 28821

hysteric amaurosis of right eye in child., post-hypnotic suggestion method (Sp) 6840

in borderline schizophrenics 17344

lung dis. (Por) 53889

paraplegia, case report (Sp) 21791

schizophrenia (Rus) 34780

## HYPNOTICS AND SEDATIVES

***see also*** **ANTICONVULSANTS**

***see also*** **BARBITURATES**

***see also*** **BROMIDES**

***see also*** **CHLORAL HYDRATE**

***see also*** **NARCOTICS**

***see also*** **PARALDEHYDE**

eff. of tranquilizing agents on action of depressant drugs in mice 36554

ethinamate potentiation by chlorpromazine 16730

glutethimide, pharmacol. & adjuvant depressive eff. in anesth. 35986

methylparafynol carbamate in pediatrics (Fr) 8248

methylparafynol, clin. evaluation (Ger) 33914

methyprylon, comparison of hypnotic eff. with secobarbital sodium 14270

new evaluation technic in rats (It) 39310

non-barbiturates, pharmacol. 35982

pharmacol. & ther. indic., review 20491

pharmacol., ther. uses & side-eff. of sedatives, review 29251

potentiation by parasympathomimetics of neostigmine & pyridostigmine types (Ger) 23589

propinylcyclohexanol (Fr) 34408

pyridobenzothiazine deriv., prep. & testing of activity (Ger) 13638A

sedative eff. of fraction V-22 of Vinca rosea in dogs & cats 4201

trimethoxybenzoyl-glycine diethylamide 44958

ureides with hypnotic eff. (It) 49402

***addiction***

glutethimide, case report 24633

glutethimide, case reports (Ger) 7378

glutethimide, ther., gradual withdrawal 12625

***antagonists***

36989

4,4-ethylmethylglutarimide analepsia to deep hypnosis induced by variety of hypnotics 36989

***determination***

1-ethinyl-cyclohexyl-1-carbamate & 1-ethinyl-cyclohexyl allophanate, differentiation by chromatography (Ger) 1586

methylparafynol & methylparafynol carbamate in body fluids & tissues after admin. to cats, method 48221

***effects***

1,2-bis[5-β-chloroethyl-4-methyl) thiazol-3-yl-sulfo]ethane, liver tolerance (It) 39509

chloralose as activating substance in EEG (Fr) 44200

chloralose on bromsulphalein liver funct. test (Fr) 26951

α-chloralose, on exper. convulsive seizures (It) 9766

chloralose on urinary excretion of vasopressin in dogs (Fr) 38745

covatin potentiation of hexobarbital eff., mechanism of action (Ger) 1577

duration of drug-induced sleep, eff. of aliphatic & aromatic amino ethers, relation of chem. structure to central eff. (Fr) 24748

glutethimide & methyprylon on central polysynaptic mechanisms in cat 13465

glutethimide, anticholinergic properties in addition to its hypnotic properties (Ger) 39921

methylparafynol carbamate, potentiation of hypnotic eff. of secobarbital in mice (Fr) 26806

methylparafynol on ethanol drinking & on water metab. in rats, mechanism & role of hypothalamus 28833

methylparafynol susceptibility determ. by eyelid conditioned blinking reflex & psychogalvanic reflex responses 50847

methyprylon on cardiovasc. system & resp. in man 12968

new method of evaluation in mice 46930

on form. of intravasc. bubbles in prev. of decompression sickness in fliers (Ger) 40174

on peripheral blood & metab. (Pol) 53189

screening of potential agents against audiogenic seizures in mice 13461

***injurious effects***

glutethimide causing immunothrombopenia (Ger) 19000

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

*metabolism*
methylparafynol & methylparafynol carbamate in body fluids, oral admin. 38621

*poisoning*
glutethimide pois., case report (Fr) 47424
ther. (Ger) 15374
ther., 4,4-ethylmethylglutarimide (Ger) 19433
ther., 4,4-ethylmethyl-glutarimide & cytochrome C (Ger) 42388
ther., 4,4-ethylmethylglutarimide, causing psychosis (Ger) 42941
ther., review (Ger) 27486

*therapeutic use*
14239
1,2-bis-[(5-β-chloroethyl-4-methyl)thiazol-3-yi-sulfo] ethane as sedative in emergency psychiatric ther. (Fr) 47461
carbromal-cyclobarbital-benzobarbital prep. in sleep disord. (Ger) 19062
32964
covatin in internal dis. (Ger) 18959
covatin in ment. disord. (It) 42695
covatin in over-active child., with chlorpromazine (Ger) 34137
covatin in skin dis. with emotional stress & tension manifest. 52703
9,10-dimethoxy-3-isobutyl-2-oxo-1,2,3,4,6,7-hexahydro-11bH-benzo[a]quinolizine in acute & subacute psychoses (Ger) 26994
4'-fluoro-4-[4-(p-chlorophenyl)-4-p-hydroxy-piperidino]-butyrophenone in psychomotor excitation, mechanism of action (Fr) 35252
glutethimide (Ger) 38978
glutethimide in labor 24518
glutethimide in painless labor for facilitation of uterine contraction & cervical dilat., with reserpine (Sp) 7592
glutethimide in pregn. compl. & during labor 38046
glutethimide, in sleep disord. (Ger) 15359
insomnia & restlessness 3165
isopromedol in esophagoscopy (Rus) 54570
methylparafynol carbamate adjuvant in labor (Fr) 44646
methylparafynol carbamate-hematoporphyrin-succinonitrile prep. in anxiety & depressive states (It) 28627
methylparafynol carbamate, pharmacol. & indic. 14066
methylparafynol in hypertension (Ger) 46102
methylparafynol in pediatric dis., with extracts of Asperula odorata, Centranthus ruber & Melissa officinalis (Ger) 19421
petrichloral in anxiety & insomnia 21806
N-phthalyl-glutamic acid amide, indic. (Ger) 22896
2-piperidino-2-carboxylic acid hexanone-1-benzyl ester in delirium tremens (Ger) 55382
2-piperidino-2-carboxylic acid hexanone-1 benzyl ester in emotional disord. in NS dis. in aged (Ger) 46023
piezonal-belladonna premedication with divinyl ether anesth. in adenotonsillectomy (It) 42750
piezonal forte in ment. disord. (Fr) 51363
skin dis., indic. & compl. 6961
vitaneston, clin. evaluation (Ger) 42301

HYPOCHONDRIA
in brain atrophy & schizophrenia (Ger) 25382
in schizophrenics (Rus) 23259
optic nerve chromaxy during ther. of synd. of neuroses with hypochondria (Rus) 46337
psychopathol., psychoanalytic interpretation 4279

*HYPOGALACTIA see* LACTATION DISORDERS

HYPOGLYCEMIA
*see also* BLOOD SUGAR
*see also* HYPERINSULINISM
clin. manifest. & ther. (Fr) 48036
clin. manifest., pathogen. & ther. of spontaneous hypoglycemia (Ger) 45387
endogenous, review 48132
53499
eff. on blood electrolytes & ECG (Pol) 30794
hypoglycin A & B, structure & properties (It) 48107
relation to heart dis. 50799
spontaneous, relation to diabetes mellitus 17766

*blood in*
water content-electrolyte concentration in light hypoglycemic states (Pol) 30795

*case reports*
with multiple parasitic infect., adrenal insuff. & psychosomatic disord. (Fr) 43980

*complications*
cancer of adrenal cortex, fatal case 2637

*differential diagnosis*
hyperinsulinism, review 14714

*etiology and pathogenesis*
causes of hypoglycemia in peptic ulcer (Fr) 36647
chronic pancreatitis with fatal hypoglycemic coma, case report (Fr) 55100
cortisone in ther. of rheum. arthritis (Ger) 46196
gastrectomy (Dut) 43021
massive hepatoma, review of current concepts & case report 46435
spontaneous, caused by intrathoracic neurilemmoma (Ger) 6061

*experimental*
eff. of insulin- & tolbutamide-induced hypoglycemia on rat testes (Fr) 26714
eff. of insulin- & tolbutamide-induced hypoglycemia on rat testes (Sp) 8980
eff. on histol. of islet alpha cells in rabbits 313
eff. on ketone prod. in man 4870
induction by 1-amylbiguanide, 1-phenylethyl-biguanide & decamethylene diguanidine in rats, relation to their inhib. of tissue resp. 37097
reflex hypoglycemic reaction in non-anesthetized dogs (Cz) 38225

*in infant and child*
funct. spontaneous hypoglycemia, diag. & ther. (Fr) 30463
idiopathic, in young inf., clin. pathol. conf. 41275
spontaneous idiopathic (Fr) 18506

*physiology*
eff. on cortical & rhinencephalic electric potentials in rabbit 70

*HYPOGONADISM see* EUNUCHOIDISM

HYPOPHYSECTOMY
eff. of potassium iodide on thyrotropin action in hypolhysectomized patients 50413
with radioyttrium implant, indic. & technics 4328

*complications*
myasthenia gravis (Tur) 22378

*effects*
degen. of corpus luteum in hypophysectomized impregnated rats before xidation (Fr) 26896
involution of synogenic cells in rats, restoration by combined admin. of cortisone, somatotropin & thyroxin 12945
on ATPase activity of rat myocardium (It) 37371
on ATPase & succinic dehydrogenase activities of rat myocardium, influence of somatotropin admin. (It) 37372
on ATPase & succinic dehydrogenase activities of rat myocardium, influence of thyrotropic hormone admin. (It) 37373
on biol. survival & growth of cartilage grafts in rats, relation to costochondral auto- & homografts in normal rats 8031
on biosynthesis of cholesterol & fatty acids from acetate & mevalonate in liver, eff. of total-body x-irradiation (It) 52105
on blood platelet count, comparison with gonadectomy & thyroidectomy in rats 20736
on blood pressure in turtles, eff. of arterenol & epinephrine 24040
on blood volume in male rats, alone & with somatotropin admin. 35103
on body temperature & tissue metab. after admin. of triiodothyroacetic acid, role of adrenal funct. (Ger) 30511
on brain excitability 44106
on caudal vertebra response to somatotropin & thyroxin in rats 2374
on correlation of urinary aldosterone with fecal potassium & sodium 47126
on cytochrome c activity of rat myocardium (It) 37376
on diuresis in toads (Fr) 3115
on erythropoietic response to various ACTH prep., in rats (It) 11953
on evolution of corpus luteum, in progesterone-treated rats hypophysectomized on 6th day of pregn. (Fr) 15087
on forelimb regen. response to adrenal transplants in normal & hypophysectomized adult frogs 4969
on gastric mucosa in female rats, histopathol. (Fr) 26901
on gastric secretion in pylorus-ligated rats 3691
on gonad stimulating funct. of intratesticular anterior pituitary homografts in guinea pigs (Fr) 26702
on histochem. & biochem. of parotid gland in rats 480
on histol. distribution of succinic dehydrogenase in rat adrenal 39198
on intellectual functioning 17740
on learning of escape-avoidance reaction in rat (Fr) 2577
on mammary gland growth in male mice 17235
on mammary gland response to testosterone alone & with insulin in rats 35142
on onset of corneal reflex in thyroxin-treated tadpoles 44950
on ovarian sensitivity to chorionic gonadotropins in hypothyroid rats 12952
on personality of women with metastatic breast cancer, Rorschach test 41360
on radiophosphorus incorporation into adrenals of rats, influence of ACTH & pituitary gonadotropins (It) 37439
on radiophosphorus incorporation in female genitalia, eff. of pituitary gonadotropins in rats (It) 13957
on radiophosphorus uptake by brain, endocrine glands & other organs in rats 35092
on succinic dehydrogenase activity of rat myocardium (It) 37370
on urinary corticosteroid excretion, immediate eff. of hypophysectomy & section of pituitary stalk 35133
on virilization of female guinea pigs by chorionic gonadotropin (Fr) 36066

*experimental*
ACTH-releasing factor in blood of dogs shortly after hypophysectomy 35080
eff. of arterenol & ACTH on adrenal cortex of hypophysectomized rats, histochem. study (It) 36821
eff. of chorionic gonadotropins on ovaries of hypothyroid rats, influence of adrenalectomy, hypophysectomy & androgens 12952
eff. of cortisone & thyroid hormones on cholesterol & vitamin C content of adrenals in hypophysectomized rats (Ger) 34012
eff. of triiodothyronine on body temperature & oxygen consumption in hypophysectomized rats, eff. of ACTH & cortisone 24032
in bladder calculi, eff. of cortisone & thyroid extract on post-hypophysectomy dissolution of calculi in rats 55040
liver regen. & hepatic polyploidy in hypophysectomized rats 3509
postop. hormonogenic activity of intrasellar pituitary residue after partial hypophysectomy & of intra-testicular pituitary grafts after total hypophysectomy (Fr) 26935
prolactin-induced lactation in hypophysectomized rats 15606

*in various diseases*
(Ger) 3246
cancer of breast 54767
cancer of breast & prostate 37643
cancer of breast, indic. & results 35089
cancer of breast, indic. & results (Fr) 54894
cancer of breast, metastatic 30915
48544
cancer of breast, metastatic (Sp) 8696
cancer of breast, preop., perop. & postop. management with prednisolone in recur. cancer 31580
cancer of breast, review (Fr) 23669
cancer of breast with leukoerythroblastic anemia 35189
indic. & results (Ger) 39055
Kimmelstiel-Wilson synd., neurosurg. aspects 5524

*HYPOPHYSIS CEREBRI see* PITUITARY GLAND

HYPOSPADIAS
scrotal or perineal hypospadias (Ger) 11412

*etiology and pathogenesis*
(Ger) 11313

*surgery*
Denis-Brown & other technics, comparative study (It) 25693
indic. & technics 6966
methods 53119
modified Edmunds method, using preputial tubular graft, in anterior hypospadias (It) 29583
plastic, new technic (Fr) 40955
plastic, new technic (It) 29692
repair with placement of urethral meatus in glans penis 18149

HYPOTENSION
in anesthetized & conscious subjects 25984
in gyn. surg. patients, prev. & ther., review (It) 53698
orthostatic, syncopal (Rum) 44004

relation to epinephrine & histamine levels of blood in asthmatics (It) 6894

*case reports*

with withdrawal reaction in meperidine addiction 19908

*complications*

basilar artery insuff. synd. (Fr) 262

orthostatic, causing myocardial infarct (Ger) 52189

*etiology and pathogenesis*

adrenal cortex insuff., ther., prednisolone (Ger) 42276

arterial dystonia (Rus) 32880

fear & nausea causing acute hypotension in normal & alcoholic subjects 2262

fear, nausea & abnorm. vasc. reactions, causing hypotension & syncope 2271

oculocardiac reflex, case reports 7471

perop. & postop. hemorrh. 52658

postural hypotension after admin. of various ganglion-blocking agents, varied responses in individual patients 2886

promazine 46429

spinal anesth. for cesarean section, case report 52668

1,1,1-trifluoro-2-bromo-2-chloroethane anesth., incidence & significance 54538

vasodilator drugs, case report 30159

*experimental*

carotid sinus volume & pressure variations (Cz) 38218

eff. of urinary flow after renal autografting in dogs (Sp) 954

induced in normal dogs by isohemodynamic transfusion, relation to blood incompatibility 24039

induction by epinephrine & 3-hydroxytyramine in guinea pigs & rats, eff. of lysergic acid diethylamide (Ger) 45967

induction by hemorrh., eff. of arterenol admin. in dogs 12569

induction by potassium-defic., eff. on potassium & sodium content of aorta in rats 12563

induction by 1,1,1-trifluoro-2-bromo-2-chloroethane in cats, mechanism 37955

orthostatic, induction by electrocoagulation of various portions of medulla oblongata in dogs (It) 48989

renal circ. rate & oxygen consumption in dogs (It) 37410

*in pregnancy*

supine hypotensive synd. (Ger) 44921

supine hypotensive synd. causing placental abruption 20058

supine hypotensive synd. with tachycardia in late pregn. 52598

*physiology*

capillaroscopy (Rus) 18289

*statistics*

(Ger) 49031

*therapy*

arterenol, cessation of intravenous drip admin. causing recur., ther., pressor amines 48331

arterenol in post-hemorrh. cases (Cz) 2735

effortil (Sp) 42208

hypnosis (Rus) 28831

methoxamine in perop. hypotension (Dan) 30216

securinine (Rus) 28828

sympathomimetics in orthostatic hypotension, case reports 442

## HYPOTENSION, CONTROLLED

by 1,3-bis(2-dimethylaminoethyl)-5,5-diethyl-barbituric acid (It) 11822

by methyl-bis-(β-N-methyl-piperidinium-ethyl)amine dibromide in laryngol. surg. (Pol) 30775

by N-phenacyl homatropine & trimethaphan, clin. comparison 35941

by trimethaphan in general & urol. surg. (It) 51960

by trimethaphan in intractable hemorrh. from surg. wound in splenectomy for Werlhof's dis. (It) 51967

eff. on ECG 54436

eff. on spinal reflexes in cat under controlled progressive hypotension 47109

in hysterectomy for cervical cancer 38850

in maxillofacial surg., technic & results 23538

in prostatectomy (Cz) 9450

in thoracic sympathectomy 52681

in transurethral prostatectomy (It) 51975

pressoparesis, block of pressor responses, as anesth. method, technic, adjuvants & indications (It) 42479

value & limitations (Ger) 12876

## HYPOTHALAMUS

*see also* THALAMUS

*anatomy and histology*

chondriome of large-cell nuclei (Sp) 25664

hypothalamo-pituitary neurosecretory system of goats 35017

hypothalamo-pituitary system in Crocodilus niloticus (Fr) 3045

hypothalamo-striatal neurosecretory pathways, in guinea pigs (Fr) 26933

karyometry of cellular elements of hypothalamo-neurohypophysial system in hyper & hypothyroidism of hen (Fr) 26940

lateral nuclei of tuber cinereum in fish, histol. & yearly cyclic changes (Ger) 55628

ontogenetic develop. (Sp) 25660

staining of neurosecretory appar., modified Gomori method (It) 37503

synapses of supraoptic nucleus (Sp) 25662

*blood supply*

relation of hypothalamic to optic chiasmatic vessels 2021

*diseases*

causing obesity (Sp) 27228

manifest. & case report 8474

with amenorrhea, physiopathol. (Sp) 39624

*effect of drugs on*

antihistaminics, histol. aspects (Rus) 39346

chlorpromazine, dibenamine, pendiomide & hydergine on neurosecretory funct. of hypothalamus - posterior pituitary system in rats 24027

chlorpromazine on enzyme activity of magnocellular nuclei in rats 3475

curare in cat 27325

iproniazid & serotonin on hypothalamo-adreno-pituitary axis in rats (Fr) 26801

morphine causing psychomotor agitation in exper. animals, influence of tranquilizing agents (Fr) 54885

serotonin on cholinesterase, acid phosphatase & succinic dehydrogenase content in rats 39255

serotonin on neurosecretory substance response in rats 209

*effect of radiations on*

x-irradiation with 2 million volt generator, radiosensitivity in guinea pigs 12690

*in various diseases*

epilepsy, review & case reports (Fr) 51469

*innervation*

nerve fiber connections between retina & hypothalamus, histol., review (Ger) 34419

stretching & origin of fibers of nerve bundles (Ger) 34439

*metabolism*

acid phosphatase activity in magnocellular nuclei in cow embryo 35090

sulfhydryl & disulfide group distribution, in toad (Sp) 8976

*neoplasms*

infundibuloma 51039

neurilemmoma, x-ray localization in anterior hypothalamus & anterior pillar of cerebral fornix (Fr) 18016

pituicytoma, clinicopathol. 11664

*pathology*

in extensive cancer of stomach 9458

mammillary body changes in Korsakoff's synd., relation to amnesic disord. (Fr) 53400

mammillary body histopathol. in Korsakoff's synd., postmortem study (Fr) 53368

*physiology*

ACTH releasing factor, partial purification & amino acid composition 13705

control of prolactin funct. of anterior pituitary in rat (Fr) 15077

corticotropin releasing activity of pepsin labile factor in hypothalamus 20717

culture in contact with chick embryo pituitary, eff. on gonadotropic activity of pituitary (Fr) 26903

eff. of cold on body temperature & oxygen consumption in rats following bilateral hypothalamus lesions (Ger) 24033

eff. of electric stimulation on gastric motoricity in dogs (Rus) 49560

eff. of electrical stimulation on 17-hydroxycorticosteroids in blood in monkey 15589

eff. of electrical stimulation on thyroid activity in rabbits 17962

eff. of electrostimulation of hypothalamus on escape learning without avoidance learning in cat 4924

eff. of electrostimulation on reticulocyte level in rabbits (Ger) 33933

eff. of exper. hypothalamic lesions on warmth discrimination in dogs 12531

eff. of exper. lesions on ovarian funct. in rats (Fr) 48848

eff. of exper. lesions on propylthiouracil-induced goiter & on pituitary secretion of thyrotropic hormone in guinea pigs 49246

eff. of exper. tuberal region lesions on anaphylaxis & histamine resist. in guinea pigs 1126

eff. of hypothalamic lesions on mating pattern of female rats 44966

eff. of hypothalamic transmitter on gonadotropic activity of anterior pituitary gland in female rats (Ger) 23627

eff. of lesions on adrenal vitamin C & corticosterone response to stress in rat 15590

eff. of medial eminence lesions on hypothalamo-pituitary system in salamander (It) 34424

eff. of stimulation activating sympathetic vasodilator nerves to skeletal musc. on release of arterenol & epinephrine by adrenal medulla 322

eff. of stimulation on gastric secretion in dogs (Rus) 13845

electrical stimulation inducing alarm reaction & fugue, eff. of meprobamate in rabbits (It) 31718

electrical stimulation inducing ovulation in rabbits 15563

electrical stimulation inducing spermiation in frog (Fr) 36076

exper. lesions causing inhib. of compensatory adrenal hypertrophy after unilateral adrenalectomy in rats (Fr) 48818

higher nervous funct. in hypophyseal-utero-ovarian relationships, response to eff. of amphetamine on pregn. tests in impuberal rats 9461

histol. of neurosecretory nuclei during phases of estrus cycle in rats (It) 13950

hormonal funct., review (Ger) 49315

hypothalamo-habenular neurosecretory pathway & antidiuretic activity of habenular ganglia in hen (Fr) 28941

hypothalamus-pituitary-adrenal cortex interaction, eff. of pyrogen-induced stress in humans (Fr) 39893

hypothalamus-pituitary-thyroid interrelation in rats, exper. analysis 13271

influence on ovulation in rabbits (Ger) 11099

lowering of hypothalamic excitability as basis for neuromusc. relaxation 47

mediation in pituitary-thyroid system 17234

nerve fibers in pars tuberalis & pia-arachnoid tissue of cat, degen. pattern after hypothalamic lesion 49371

neurosecretion & accompanying cytol. & histochem. changes in rats (Hun) 41629

neurosecretion of supraoptic & paraventric. nuclei in female rats, histochem. (Ger) 34429

neurosecretion, relation to protein synthesis (Ger) 34236

neurosecretion, review (Rus) 47892

neurosecretory activity in rats under cond. of continuous light or darkness 49256

neurosecretory material in hypothalmo-hypophysial system, eff. of dehydration in desert rats & in laboratory rats 50527

neurosecretory substance of hypothalamo-hypophyseal system, lipid determ. in & eff. of blood serum in animals 34403

regulation of anterior pituitary (Ger) 11189

relation to anterior pituitary (Fr) 26680

relation to cerebral cortex, importance for higher funct. of brain (Ger) 19754

relation to nail dis. caused by hypoparathyroidism (Ger) 34449

relation to nail dis. caused by tetany (Ger) 34450

relation to pituitary, review (Fr) 25086

relation to pituitary secretion of ACTH (Fr) 38680

relation to thyroid funct. 49646

rewarding & punishing eff. of stimulation of posterior hypothalamus in cat with same electrode at same intensity 4925

role in action of methylparafynol on water metab. & ethanol drinking in rats 28622

stimulation causing induction of ovulation in rats 12512

stimulation causing ovulation in rabbits, eff. of spinal cord transection 35102

ultra-slow rhythmic oscillation of hypothalamic nuclei potential (Rus) 37194

## HYPOTHERMIA

after blocking of thyroid gland by iodine admin., clin. & exper. studies (Ger) 54930

appar. for controlled cooling of body surface (It) 42638

eff. of ganglion-blocking agents on phosphorus in superior cervical ganglia in hypothermia (Rus) 3559

in bilateral ventriculotomy & transpl. of aortic arch in dogs (Ger) 29041

in bloodless heart surg. of ascending aorta, adjuvant coronary arterial perfusion 6800

in bloodless surg. of right heart, adjuvant coronary & carotid perfusion (It) 6787

in bronchial ligation in bronchothoracic fistula after cavernotomy (Rus) 31214

in cardiovasc. surg. 15535
50604

in cardiovasc. surg. congen. defects (Bul) 28723

in cardiovasc. surg., exper. study & review 45060

in care of premature inf. (Ger) 34109

in excis. of carotid artery aneurysm in pregn. 1227

in heart surg., arterial pressure & blood pH determ., technic (Ger) 29049

in heart surg., ECG (Dut) 52510

in heart surg., eff. on blood coagulation & fibrinolysis (Ger) 41754

in heart surg. in correction of auric. communication with abnorm. junction of right pulm. veins with right auricle, case report (Fr) 51380

in lung surg. (Ger) 11411

in open heart surg. 487

in open heart surg., blood clotting deviations 41456

in open-heart surg., clin. evaluation (Ger) 47290

in open heart surg., comparison with extracorporal circ. 44849

in open heart surg. for closure of auric. spetal defects with polyvinyl formalinised sponge (Ger) 54940

in open heart surg. for removal of right auric. tumor, case report 10307

in open heart surg. in mitral & aortic stenosis 54684

in open heart surg. in pulm. stenosis (Hun) 52913

in open heart surg., limitations for resuscitation (Ger) 29040

in open heart surg., pathophysiol. & indic. (Ger) 29038

in open heart surg. with & without arterial perfusion (Sp) 31017

in open-heart surg., with artif. hibernation, technic (Ger) 54929

in open heart surg. with coronary artery perfusion with oxygenated whole blood 2435

in open heart surg. with extracorporeal circ., rapid induction & correction by blood heat exchanger appar. 18116

in open-heart surg. with extracorporeal circ., technic 12965

in open surg. in auric. defect & valvular pulm. stenosis (Ger) 29039

in open valvulotomy for aortic stenosis (Ger) 38429

in pediatric surg., review 30417

in surg. 28648
47580

in surg. (Cz) 48820

induced by refrigeration, control of ventilation & cardiocirc. changes (Fr) 39824

review (Cz) 38109

review (Rus) 7794

***complications***

cardiac arrest, postresuscitation methods for heart rhythm normalization (Ger) 29108
29109

ventric. fibrill., prolonged, during cardiac surg., factors in recovery of patient 18137

***effects***

anoxia as cause of death in dogs, theory (Ger) 30492

anoxia, eff. on cardiac electric potential, in rats (Fr) 38737

asystole & ventric fibrill., comparative eff. of anesthetics on incidence in dogs 40274

deep hypothermia on thermoregulation in rats (Fr) 26755

depression of gastric secretion & digestion by total body cooling & local gastric hypothermia in cat & rat, clin. application of local gastric hypothermia in massive hematemesis 21998

histol. eff. on endocrine glands of dogs (It) 25545

histol. eff. on rabbit organs, comparison with artif. hibernation (Cz) 2784

histol. eff. on various organs & tissues of dogs (It) 25541

immersion hypothermia in rabbits causing changes in cardiac contractility 12560

metab. changes of myocardium & nerve substance, review (It) 20961

on acid-base equilibrium (Dut) 43029

on adrenal vitamin C & cholesterol, response to ACTH in rat (Fr) 36617

on adrenocortical response to surg. in dogs 41811

on animal sensitivity to cardiac glycosides (Rus) 3560

on antibody form. (Rus) 55771

on antibody form. in mice in response to typhoid-H-antigen 32213

on appearance & latency of Toennies' sensory to sensory paradoxal reflexes in rabbits (Fr) 15092

on area striata action potential responses to photic & electrical stimuli (Ger) 30548

on blood bactericidal properties & phagocytosis (Rus) 11485

on blood circ. in dogs (Pol) 30770

on blood coagulation, with cardiac bypass in open heart surg., fibrinolysis & production of circ. anticoagulant 18118

on blood count & survival in irradiated animals (Cz) 38253

on blood electrolytes in man, rats & rabbits 54924

on blood magnesium levels in newborn animals (Hun) 41621

on blood sugar & potassium, response to insulin in rabbit in deep hypothermia 36607

on blood volume in dogs (Ger) 30578

on blood volume in hemorrhagic shock 35936

on cardiac input in dogs 54718

on cardiac output & blood pressure in dogs (Ger) 30490

on cerebral cortical excitation in dogs (Fr) 26855

on cochlear microphonics & neural components in guinea pig 23281

on conjunctival blood vessels, biomicroscopic studies (Ger) 12890

on course of peptone shock in dog (Ger) 36590

on develop. of cond. reflex to heat stimuli in guinea pigs (It) 1892

on ECG & myocardial tissue metab. (Sp) 8864

on ECG, clin. & exper. prod. of abnorm. pattern related to ventric. fibrillation 46871

on ECG in dogs with various arterial pH values 11529

on ECG in surg. patients (Pol) 30869

on EEG cortical responses to interoceptive stimulation (Rus) 7801

on electric responses of heart to thyroidectomy, in rats (Fr) 48865

on fibrillatory action of magnesium chloride & defibrillatory action of tetraethylammonium chloride on dog heart 32354

on healing of skin wds. (It) 39866

on heart beat, blood pressure & resp. (Sp) 8861

on heart, ECG manifest., changes in serum protein & cation levels in cat (Pol) 30694

on heart in mammals, review (Fr) 36688

on heart rate & ECG activity & on in vitro myocardial oxidations in rats 15004

on histamine secretion in rats (Fr) 24315

on histol. of kidneys in rats (It) 44805

on intrapulm. gas exchange in dogs (Ger) 30493

on liver glycogenolysis in rat (Fr) 5769

on passive anaphylaxis in guinea pigs (Ger) 24021

on pregn. animals & fate of offspring, eff. of chlorpromazine admin. in various temperatures (Rus) 12149

on Pseudomonas aeruginosa infect. in rats 23339

on RE system (Pol) 24058

on renal tubular transport mechanisms in dogs 12500

on standing-wave components in arterial pulses in dog 2918

on survival in mesenteric arterial & venous occlusions in dogs 25041

on survival in pneumococcal peritonitis alone & with antibiotics in mice 10122

on terminal plexus of brain in lizards 52381

on transmembrane potentials of human heart 48737

on transmembranous ion exchange & metab. (Fr) 24052

on urinary secretion, quantitative aspects (Fr) 26823

on x-ray total body irradiated animals (Rus) 7782

prolongation of survival time in hemorrh. shock in absence of blood or fluid transfusions in dog 38411

reversible cessation of blood circ. in deep hypothermia in rats 16822

thrombopenia, eff. of heparin in dogs 54687

vectorcardiographic changes (Ger) 26491

ventric. fibrill. incidence in hypothermia in dogs, eff. of artif. control of heart rate 12561

ventric. fibrill., prev. by pericardial space perfusion in dogs 144

ventric. fibrill., prev. in dog by intracoronary N-(2-diethylaminoethyl)-iso-nicotinamide & bethanechol chloride 12824

ventric. fibrillation in dogs, physiol. 37909

***experimental***

anoxia, eff. on kidney funct. in hypothermia in dogs (Hun) 51430

biochem. study of blood, heart & skeletal musc. in dogs 34963

brain bioelectric potentials in hamsters awakening from hypothermia (Ger) 33931

cardiac hypersensitivity in dogs (It) 8868

eff. of depth of anesth. on circ. reactions in dogs (Ger) 30491

eff. of exclusion from circ. in hypothermia on brain ammonia & glutamine (Rus) 33569

eff. of histamine (Pol) 24057

eff. of induced circ. arrest on ECG in hypothermic dogs (Por) 44451

eff. of insulin on glycemic curve in rabbits (Pol) 29519

eff. of ouabain on heart of hypothermic dogs 448

evoked electrical activity of brain during hypothermia 11662

freezing, cooling & rewarming vertebrates, review (Rus) 45621

ganglion-blocking activity of amobarbital, chlorpromazine & diphacyn in hypothermia (Rus) 3558

hemodynamic eff. of total circ. occlusion in heart surg. in dogs 54731

in open heart surg. in cats, prolonged hypothermia 52974

in open heart surg. in dogs, review (Por) 44471

in open heart surg., with cardiopulm. bypass, in dogs 54661

in open heart surg. with controlled cardiac arrest (Pol) 20448

in open heart surg. with extracorporeal oxygenator system in dogs 10119

in prev. of ischemic renal damage caused by temporary occlusion of thoracic aorta in dogs (It) 42632

induction with intragastric cooling 10107

myocardial changes in hypoxic cats (Rus) 49224

physiol. aspects (Pol) 24056

physiol. eff. of induced circ. arrest in hypothermic dogs (Por) 44450

physiopathol. studies in dogs (Ger) 54928

prev. of arrhythmia with N-(γ-isopropylaminopropyl)-α,α-diphenylacetamide in dog 36342

regional, rapid & prolonged induction in dogs by extra-corporeal circ. (Fr) 26741

resist. in hibernating & nonhibernating mammals (Fr) 48902

simple technic for inducing generalized hypothermia in animals 35990

technics in dogs & rabbits (Fr) 2301

thermoregulation, eff. of depth of anesth. in dogs (Ger) 30494

thermoregulation, mathematical theory & formulas (Ger) 30495

tox. of analgesics in (Rus) 3557

with retrograde perfusion of coronary sinus for direct surg. of aortic valve, perop. sinusal standstill with ventric. automatism 5876

***in various diseases***

brain inj. (Ger) 11376

cancers of brain, local hypothermia using specially designed cooling cannula unit 41881

cardiac arrest causing CNS inj. 1345

eclampsia, puerperal, with artif. hibernation, cure of severe case (Hun) 20176

hyperpyrexia in encephalitis 18378

peritonitis (Ger) 11372

**HYPOTHYROIDISM**

***see also*** **CRETINISM**

***see also*** **MYXEDEMA**

etiol. & diag. 14260

manifest. & ther. (Fr) 9127

review 3178

role in non-allergic vasomotor rhinosinopathy in Filipinos 7988

***blood in***

total & ultrafilterable magnesium 17020

***case reports***

latent (Fr) 9119

***complications***

growth retardation of child., review (Fr) 25084

***diagnosis***

free Achilles reflex 55130

radioiodine, review (It) 8856

***etiology and pathogenesis***

defect in synthesis of thyroid hormones (Fr) 39889


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

enzymic defect in intrathyroidal synthesis of thyroxin, review 35707

familial xanthomatosis with hypercholesteremia (Nor) 52723

radioiodine ther. of heart dis. (Sp) 44423

radioiodine ther. of intractable angina pectoris 1141

*experimental*

anti-inflamm. eff. of phenylbutazone on formalin edema in hypothyroid rats (Ger) 39244

eff. of diiodotyrosine on thyroidectomized dogs (Sp) 18819

eff. of thiouracil & triiodothyronine on liver regen. after partial hepatectomy in hypothyroid rats 35108

eff. on radiophosphorus uptake by genitalia of female rats (It) 1916

eff. on uracil-2-C14 incorporation in liver ribonucleic acid in rat 2677

karyometry of cellular elements of hypothalamo-neurohypophysial system in hen (Fr) 26940

response of immature female mice to follicle stimulating hormone 55426

*in infant and child*

(Dut) 51411

(Sw) 32860

acquired (Sw) 32862

diag. value of myxedema reflex 41263

etiol., clin. manifest. & ther. (Fr) 9126

progn. (Sw) 32863

with cholelithiasis & spontaneous vasc. rupt. in thigh, case report (Fr) 1452

with renal calcification & osteosclerosis, case report (Pol) 30390

*manifestations*

clin. manifest., review (Fr) 25081

ECG, case report 18087

eye 692

*pathology*

heart, review (Ger) 27384

*physiology*

CNS (Fr) 32400

fixation of radioiodine in thyroid in twins (It) 42734

free Achilles tendon reflex, determ. by kinemometer 19852

kidneys, simplified water loading test 40674

neuromusc. response as measure of ther. efficiency (Fr) 37776

*surgery*

thyroid gland transpl. from hyperthyroid patients (Fr) 32913

*therapy*

case reports & review 29257

liothyronine 35755

liothyronine in 14 year-old child (It) 20967

liothyronine, review (Fr) 25083

thyroxin, physiol. activity 14245

triiodothyronine (Ger) 34034

triiodothyronine (Sp) 20654

*urine in*

17-ketosteroids, chromatographic analysis (It) 27358

***HYPOTRICHOSIS** see* ALOPECIA

HYSTERECTOMY

abdom. in leiomyoma, technic 3023

eff. of time interval between preop. conization & hysterectomy on develop. of postop. fever 26420

internal drainage & plastic surg. of dead spaces using greater omentum after total hysterectomy 9483

Meigs' operation with induced hypotension for cervical cancer 38850

panhysterectomy, modified technic, in cancer of uterus & adnexae (Rus) 12169

performance without patient's permission, liability of surgeon (Ger) 42251

postop. blood volume (It) 26613

postop. cysts & neoplasms of residual ovary (It) 44830

postop. histopathol. of residual ovary 7632

postop. lymphatics of cervical stump 20085

postop. metab. of estrogens, eff. of progesterone (Fr) 15094

postop. ovarian activity 50974

radical colpohysterectomy with systematic lymph nodal évidement in cervical cancer (Fr) 42435

radical hysterectomy with bilateral pelvic lymphadenectomy in cervical cancer, technic 38600

radical technic in cervical cancer 35863

radical technic with pelvic lymphadenectomy in cervical cancer follow-up statist. 12423

Soresi Brocq technic (Fr) 26264

technic & results in cancer 38060

total, with abdomino-perineal excis. of rectum in neoplasms of intestine & genitalia (It) 2001

vaginal (Sp) 7573

vaginal, after previous pelvic surg. 20090

vaginal, in aged, indic. & compl. 52832

vaginal, in aged, indic., methods & postop. care 39586

vaginal in genital prolapse (Fr) 44635

vaginal in leiomyoma, indic. & technic 3021

vaginal in leiomyoma, technic 3022

vaginal, results (Ser) 9044

vaginal, Stoeckel method, in cervical cancer, indic., contraindic. & results (It) 13110

vaginal, with plastic repair in uterovaginal prolapse 649

Wertheim operation in cervical cancer, results (Ger) 18342

Wertheim operation, postop. reconstruction of vagina 20396

*complications*

abdom., late traum. rupt. of apex of vagina 24498

acute hypofibrinogenemia, perop., case report (Fr) 10659

inj. to urinary tract following radical hysterectomy for cancer of cervix, prev. 21872

postop. cancer of cervical stump 832

postop. cancer of cervical stump (Ser) 18522

postop. cancer of cervical stump (Sp) 31030

postop. cancer of cervical stump after subtotal hysterectomy (It) 20984

postop. cancer of cervical stump following subtotal hysterectomy, statist. (Fr) 50766

postop. cancer of cervical stump, med. & surg. ther. (Sp) 20045

postop. epidermoid carcinoma in situ of vagina after hysterectomy for epidermoid carcinoma in situ of cervix, case report 12393

postop. prolapsus, prev. & ther. (Fr) 27705

postop. vaginal decensus or prolapse & incontinence (Ger) 55389

postop. vaginal hemorrh. in total hysterectomy 43308

postop. vesicovaginal fistula, surg. (Pol) 27595

*in various diseases*

choriocarcinoma of uterus, postop. spontaneous regression of lung metastasis, case report 12394

genital prolapse in aged, with colpectomy (Fr) 412

placenta accreta with placenta praevia, case reports 7612

placental synechia, case report (Fr) 26263

vaginal, in aged in genital tuberc. (It) 21480

*statistics*

in non-malignant dis. (Sp) 24741

HYSTERIA

*see also* AMNESIA

advances in etiol. & ther. 17747

*differential diagnosis*

conversion hysteria from neuromusc. disord. caused by perphenazine 39165

*etiology and pathogenesis*

anxiety hysteria after room fumigation with chlordan & dichloroethyl ether pesticide 18729

conversion, hysteria neurol. 33863

drugs (Fr) 2657

mushroom pois. 19452

*experimental*

hysterical aphonia, relation to cortical dysfunct. 1196

*in infant and child*

hetero- & homosexual fantasies underlying a hysterical motor disord. in a 5-year old girl (Sp) 21237

*manifestations*

abdom. pseudodistension with pain, dyspnea & dysphagia in relation to disturbed diaphragmatic movement 36976

amblyopia, selective perception & autonomic response in 94

delusions of flying saucers in mass hysteria 914

movement disord., electromyographic & EEG studies (Rus) 46332

movement disord., paralysis & sensitivity disord., mechanisms (Rus) 46331

pain, mechanism 48485

pseudodementia, physiopathol. study (Rus) 46335

sensitivity disord., study by galvanic reflexes of skin (Rus) 46334

*psychology*

application Eysenck's personality theory to dynamics of hysteria 37581

hysterics as criterion for extraversion 4370 4388

hysterics as criterion in measurement of introversion-extraversion 16507

HYSTEROSALPINGOGRAPHY

contrast media, comparisons 17845

contrast media, hazards in use of oily media (Ger) 54345

contrast medium ethiodol & diluent 49405

contrast medium iodipamide methylglucamine (Sp) 21133

diag. & ther. use, indic. & value 36021

eff. of light on uterotubal insufflation 49506

indic., contraindic. & technic 38569

technic (Sp) 7597

x-ray images of sub-ovarian lymphatic plexus in lipiodol hysterography 44636

*apparatus and instruments*

x-ray image intensifier for reduction of gonadal exposure (Ger) 3737

*complications*

embolism caused by iodized oil (Ser) 51714

statist. 12380

*in various diseases*

abortion, habitual 29294

cancer of uterus, diag. value (Fr) 26241

persistent Gartner's duct., diag. value 12672

tuberc. of female genitalia (Sp) 7580

tuberc. of internal female genitalia, diag. value (Rus) 46827

tuberc., uterosalpingeal 9482

ICE CREAM

ice cream transm. of diphtheria (Rus) 34650

ICHTHYOSIS

*case reports*

linearis circumflexa (Ger) 39797

*heredity*

dyskeratosis ichthyosiformis congenita migrans, case report 11580

*in infant and child*

congen. (Ger) 3215

congen., with cataract 85

Sjögren-Larsson synd. 23517

***ICTERUS** see* JAUNDICE

***ICTERUS GRAVIS NEONATORUM** see* ERYTHROBLASTOSIS, FETAL

***IDENTIFICATION** see* BEHAVIOR MECHANISMS

IDENTIFICATION, MEDICOLEGAL

*see also* FINGERPRINTS

blood stain identification, methods in forensic pathol. 4143

bone identification, methods in forensic pathol. 4142

by comparison of dent. model from murderer with traces of bites on body of victim (It) 6933

exam. of leukocytes in blood stains on various types of paper, epitranscopy (It) 42711

fluorescence microscopy of putrified organs, changes of luminosity in connective & parenchymal tissue (It) 6919

separation of commingled skeletal remains by short-wave ultraviolet rays 11531

ILEITIS

ileocecal inflamm., x-ray diag. 3881

*case reports*

edematous, of ileocecal valve (Fr) 36664

jejuno-ileitis with nephrosis 31478

ILEITIS, REGIONAL

(It) 44180

aspecific, in pulm. tuberc. patients (It) 19179

changing concepts of Crohn's dis. 18438

clin. aspects & diag. 1166

pathogen., clin. aspects & case report (It) 31677

possible viral etiol., citrus bioflavonoid ther. & case reports 539

relation to sarcoidosis of small intestine (Fr) 31058

review (Ger) 49305

*case reports*

(Fr) 55097

(Ser) 10520

in Cubans 45089

perforating acute terminal ileitis, causing peritonitis, antibiotic ther. & recovery 36014

recur., with 39 year interval (Fr) 41436

*complications*

free perf. 47600

steatorrhea, ther., gluten-free diet (Dut) 43069

*diagnosis*

granulomatous, x-ray diag. 50876

*differential diagnosis*

Addison's dis., case report 20696

*etiology and pathogenesis*

fungus dis., case reports 3694

*in aged*

15950

*in infant and child*

acute, case reports 53511

nonsclerotic, relation to umbilical colic (Ger) 19311

*in pregnancy*

17851

*metabolism*

fat absorp. studied by radioiodine-labeled triolein test using capsule test meal 27545

*pathology*

histopathol. (Ger) 23119

histopathol. picture (Hun) 41640

relation to sarcoidosis 41833

reversibility of lesions during subacute enteritis stage (Fr) 47747

*physiology*

lymphatic system, x-ray manifest. (Fr) 23713

23714

*statistics*

in U. S. Negroes 32049

*surgery*

postop. compl. from breakage of mercury bag of Miller-Abbott tube 51318

*therapy*

ACTH & corticosteroids 50792

management 29265

med. ther. & surg., results 1167

*ILEOCECAL VALVE see* ILEUM

*ILEOCYSTOPLASTY see* BLADDER, *surgery*

ILEUM

ileocecal valve, anat., physiol., pathol. & radiol. aspects 27546

*abnormalities*

reduplication of ileocecal valve presenting as acute intussusception, case report 14256

*diseases*

Pasteurella pseudotuberc. causing ileocecal lymphadenitis, clin. & exper. studies (Ger) 54390

*diverticula*

low segment (Dut) 43070

pathol. & x-ray manifest. (Sp) 44520

perf. diverticulosis & diverticulitis of terminal ileum (Fr) 51460

solitary diverticulum, causing ileocecal obstruct. 535

*effect of drugs on*

clavacin, spasmolytic eff. on isolated guinea pig ileum 49340

histamine response, inhib. eff. of acetylcholine in guinea-pig 9781

morphine & morphine-like analgesics on peristaltic reflex of isolated guinea pig ileum, intraluminal admin. 51085

*extracts*

smooth musc. contracting eff. of effluents from isolated guinea pig ileum 38613

*fistula*

ileosigmoid, complicating intestinal amebiasis (It) 23756

ileovesical caused by infiltrative reticulolymphosarcoma of ileum, surg. (Ger) 55703

*microbiology*

Mycobacterium johnei & M. tuberc. from ileocecal lymph nodes in apparently normal cattle 5691

*neoplasms*

argentaffinoma, clin., x-ray, histol. & biochem. aspects (Fr) 36644

argentaffinoma with hepatic metastases & flush & attacks of asthma & diarrhea (Fr) 36646

gelatinous adenocarcinoma in Peutz-Jeghers synd., case report 27553

ileocecal endometriosis (Sp) 27211

ileocecal sarcoma, surg. (Rus) 18238

jejunoileal, clin. aspects & pathol. anat. (Sp) 32420

32422

lymphosarcoma, case report (Fr) 40649

metastatic from sigmoid, x-ray diag., case report 28517

neurilemoma, enormous (Fr) 42007

reticulolymphosarcoma, infiltrative, causing ileovesical fistula, surg. (Ger) 55703

reticulum cell sarcoma, review & case report (Sp) 20658

*perforation*

by blackberry prickle (Pol) 43637

*physiology*

ileocecal valve (Sp) 44456

reflux resist. of ileocecal valve of dogs & humans 22025

*radiography*

ileocecal valve (Fr) 54444

*stenosis*

ileocecal stenosis with retention of ileal for. body, differentiation from adnexal tumor (Ger) 23216

*surgery*

exper. excis. of ileocecal angle, eff. of preop. & postop. sleep ther. on gastric secretion (Rus) 33194

form. of ileal artif. bladder in surg. of neoplasms, postop. motility of ileal segment, eff. of morphine, serotonin & neostigmine 48484

gastroileostomy, postop. seq. (Ger) 55721

ileal segment in replacement of retrocaval ureter 14169

ileocystoplasty, case report (Rus) 45594

ileocystoplasty, cup-patch technic in bladder enlargement or partial substitution 54764

ileocystoplasty for substitute bladder 14168

ileocystoplasty in patients with solitary kidneys 48519

ileocystoplasty in tuberc. of bladder in subject of nephrectomy for renal tuberc. (Sp) 13540

ileocystoplasty, using serous surface of intestine for prev. of copious secretion of mucus 46763

ileorectal anastomosis in ulcerative colitis, technic & results 12706

ileostomy after colectomy for ulcerative colitis, advisability of subsequent pregn. in 40298

ileostomy, extraperitoneal, technic 37639

ileostomy, postop. funct. & patient management 7649

ileostomy, postop. intestinal funct. (Cz) 26515

ileoureteroplasty (Rus) 10712

ileum & sigmoid colon in construction of substitute bladder 34977

inadvertent gastroileostomy, review (It) 25540

segmental replacement of ureters, indic. & technics 55032

urstero-ileostomy, Ulricker technic (Sp) 24743

ureteroileostomy in child., postop. compl. & case reports 37670

ureteroileostomy, indic. & technic in women 26376

*transplantation*

histol. behavior of autografts in urinary bladder in rabbits 16786

replacement of retrosternal esophagus 21999

*ILEUS see* INTESTINAL OBSTRUCTION

ILIUM

growth of apophysis, relation to develop. of curves in scoliosis 4789

*diseases*

osteitis condensens illi, case reports (Fr) 45019

*fractures*

avulsion-fract. of upper anterior projection (It) 25612

of anterior inferior spine of ilium, case reports 36788

*neoplasms*

osteoma, osteoid, x-ray diag. & surg. 50120

schwannoma of iliac crest causing intra-osseous cystic lesions 17454

*surgery*

autogenous skin suture for repair of gap in iliac wing, technic, case report (Fr) 2299

ILLEGITIMACY

care for unwed mothers in Denmark, classif. in various groups (Dan) 45501

in Gt. Brit. 14258

incidence of juvenile delinquency in illegitimate child. reared in foundling hosp. & in family environment in Reggio Calabria (It) 18492

medicolegal problems in prolonged pregn. (It) 14527

perinatal mortal. of illegitimate & legitimate inf., comparison (Ger) 3746

pregn. in 14 to 16 year old school child. in Sweden, increase (Sw) 45049

ILLUMINATION

adequate illumination for eye comfrt in visual disord. 28002

daylighting in indust., problems 28011

eff. of artif. light on sexual maturity in fowl 42977

eff. on visual acuity during ocular pursuit of moving test objects 17864

indust. lighting, general method for specification of interior illumination levels based on performance data 28010

indust. lighting, importance for visual comfort 28004

28005

28007

indust. lighting levels in offices, maintenance 28006

indust. lighting, methods of making light surveys 28012

of rooms in modern indust. (Ger) 38919

standards (Rus) 3828

3829

*ILLUSTRATION, MEDICAL see* ART, MEDICAL

IMAGINATION

brain physiol. in creative processes 9616

eff. of subliminal visual stimulation on images 50281

ment. imagery & imagery-type in speech develop. 5848

psychol. 9617

relation to self-report behavior 15996

Sartre's essay, relation to sensationalism (Ger) 15828

set theory models for research on imagination 40862

*IMBECILITY see* MENTAL DEFICIENCY

IMIDAZOLES

*see also* HISTAMINE

*see also* HYDANTOINS

complex form. with quaternary pyridine deriv. 28270

urocanyl choline-like substances, pharmacol. 48223

*determination*

urocanic acid in Phaseolus aureus seed extracts (Fr) 40919

40920

urocanic acid in sweat, polarography (Cz) 2736

*effects*

benzimidazole & its deriv. causing inhib. of growth of various microorganisms 31413

benzimidazole deriv. on solid type Ehrlich ascites tumor 16453

benzylimidazoline on body temperature & resp. in guinea pigs, comparison with other vasodilator drugs (Fr) 48863

5,6-dimethylbenzimidazole inhib. of heme biosynthesis, mechanism of action 19841

5,6-dimethyl-benzylimidazole, on NS inhib. in animals (Rus) 49427

(4-ter-butyl-2,6-dimethyl)benzyl-2-imidazoline, on air permeability of nares (Ger) 3950

*in urine*

5-amino-4-imidazolecarboxamide determ. in man & other mammals (Ger) 23631

*metabolism*

biol. roles, review 35554

CNS of lower vertebrates (It) 1873

dihydrourocanyl choline hydrolysis by blood cholinesterase, inhib. by lysergic acid diethylamide & its 2-bromo deriv. 19579

musc. content in salmon, eff. of diet 19615

urocanic acid in Aerobacter aerogenes, enzymic degradation to 4-imidazolone 5-propionic acid 16918

*preparation of*

2-hydroxy-5,6-dimethyl-7-azaimidazole (Ger) 1320

imidazopyridine deriv. (Ger) 14929

*therapeutic use*

2-(o-chlorobenzyl)-imidazoline HCl in hypertension, evaluation 447

1-p-chlorobenzyl-2-methyl-benzimidazole-hydrocortisone-tyrothricin-xanthocillin ointment in fungus dis. (Ger) 22990

1-p-chlorobenzyl-2-pyrrolidylmethyl-benzimidazole penicillin salt in allergic reactions (Sw) 45322

1-p-chlorobenzyl-2-pyrrolidylmethyl-benzimidazole penicillin salt, ther. trial 22121

1-p-chlorobenzyl-2-pyrrolidylmethyl-benzimidazole with penicillin G, determ. of penicillin blood content (Ger) 39808

*toxicity*

benzimidazoles, lethal eff. on early chick embryo 31357

*IMIDAZOLINES see* IMIDAZOLES

IMMERSION FOOT

clin. manifest. & ther. (Ger) 55718

*IMMIGRATION see* EMIGRATION AND IMMIGRATION

## IMMUNE SERUMS

*see also* GAMMA GLOBULIN

*see also* SEROTHERAPY

anti-organ sera & antireticular cytotoxic serum, specificity determ. with complement fixation test (Ger) 46142

antisera against various intracellular fractions of guinea pig spleen cells, cytol. reactions (It) 54235

azo-proteins (Ger) 34075

blood protein fraction changes in rabbit immune serums prepared with human cell strains 24830

cytotoxic antisera in selection of cell lines in tissue culture 19707

fluorescent sera in detection of enteric pathogens (Rus) 55822

human antisera to purified diphtheria toxoid, comparison with antisera to other purified antigens by gel diffusion technics 5009

immunochem. analysis of human serum & its fractions, qualitative & quantitative analysis of fraction soluble in 2/3 saturated ammonium sulfate 28427

labeled by fluorescent substances, review (Rus) 34642

labeling by isothiocyanates of fluorescein & rhodamine B 12468

monospecific antisera in detection of antigenic variations in sarcoma develop. in rat (Rus) 33573

reactions of skin homografts with specific immune serums 47556

species-specific activity of heteroimmune antileukocyte guinea pig serum, study by complement fixation reaction (It) 9354

specific anti-$\beta$-lipoprotein immune serum, determ. technic (Fr) 21271

specificity of anti-heart serum & reactivity of different cell types, study in tissue cultures 31412

***effects***

anti- & prohyaluronidase serums, inhib. & adaptation of connective tissue (Fr) 47409

antigonadotropic serum on tumor form. in ovarian splenic implants in castrated mice 48566

antiphage serum on virulence of Corynebact. diphtheriae 4716

anti-platelet serum, on thromboelastographic tracings of blood coagulation in vitro (It) 43625

anti-rabbit-leukocyte serum on transfer of antigen-incubated lymph node cells 5006

antireticular cytotoxic serum on blood proteins in cancer of cervix after radium & x-ray ther. (It) 25690

antireticular cytotoxic serum on cicatrization of wds. in rats, dependency of eff. on dos. & physiol. state of animals (Fr) 15135

antireticular cytotoxic serum on exper. cancer, with xylyl-bis ($\beta$-chloroethyl)amine (Rus) 20199

anti-tissue serums on exper. virus dis. in vivo (Fr) 1092

anti-tumor, eff. on Brown-Pearce rabbit carcinoma in tissue culture (Rus) 37211

avian antikidney serum-induction of glomerulonephritis in rabbit, mechanism 35704

gonadotropic antiserum, eff. on response of mouse ovaries to x-irradiation 12948

guinea pig serum inhib. of growth of Murphy-Sturm lymphosarcoma 2686

hematol. disord. in rabbits after inject. of homologous serum (Fr) 38086 38750

heterologous antiserum on ascites tumor cells 26469

heterologous immune serums on HeLa cells in vitro & on HeLa tumors in rats 5437

horse serum in induction of acute glomerulonephritis in rabbits (It) 13967

inactivation of Newcastle dis. virus hemolysin 31348

iso-antisera on erythrocyte conglomeration (It) 1868

iso-antisera on erythrocyte resist. to acidic pH (It) 1870

iso-antisera on erythrocyte thermal fragility (It) 1869

on embryonic induction 3502

on resp. of Trypanosoma brucei in vitro 30379

on tumor tissue & normal tissue cultures (Rus) 37185

rabbit anti-rat-lung serum causing pneumonotoxic pneumonia in rats 17885

rabbit specific immune serum on Ehrlich mouse ascites carcinoma (Rus) 33597

***injurious effects***

antitoxin admin. causing allergy, management (Sp) 8967

antivenin (crotalidae) polyvalent, allergy 48216

gastroenteritis caused by allergic reaction to horse serum, case report (Sp) 44506

***preparation of***

(Fr) 20798

homologous monovalent serums, removal of heterologous precipitins by antigens absorbed on aluminum hydroxide gel (Hun) 41630

plasmapheresis in prep. of hyperimmune serum 32210

***therapeutic use***

anti-enzyme serum in peptic ulcer (Sp) 9727

antireticular cytotoxic serum (Por) 21082

antireticular cytotoxic serum, clin. evaluation (Ger) 42402

antireticular cytotoxic serum in eye dis. (Rus) 22550

antireticular cytotoxic serum, in various dis. in aged, indic. (It) 3891

antiserum against cancer, palliative eff. in advanced cases 2274

skin dis., venereal dis. & leprosy (Sp) 21249

## IMMUNITY

*see also* ANTIGEN-ANTIBODY REACTIONS

*see also* PROPERDIN

*see also* VACCINES AND VACCINATION

acquired, in transplantable lymphosarcoma in mice 24109

aspecific immun. mechanisms & relation to antiinfect. ther., review (It) 39511

athroptic immun. (Sp) 27230

cellular & humoral defense systems & reactions, review (Ger) 27389

cellular immunity at birth, nature & mechanism of phagocytic response 36532

desintoxication, mechanisms, review (Rus) 33454

determinants of passive sensitization of isolated organs (Fr) 38698

eff. of acute stress on response of rabbits to intravenous E. coli endotoxin 48724

eff. of continuous anoxia on bacteriolytic power of rabbit serum (It) 19202

eff. of hyper-immun. in humans 14343

eff. of sublethal total body x-irradiation on active immunity in mice 17481

eff. of x-rays, in rabbits (Rus) 55783

endotoxin-neutralizing factor in blood of various animal species (Ger) 11235

immun. of insects to bact. (Ger) 22998

immunoelectrophoresis, micromodification (Cs) 38174

immunogenetic reactions in x-irradiated mice after transpl. of homologous hematopoietic cells 17778

immunol. applications of electrical stimulation of autonomic NS (Fr) 53239

immunol. maturation & defects in immunol. capacity, review 4264 10485

immunol. paralysis caused by $\beta$2-globulin defic. (Ger) 2371

immunol. tolerance 37908

immunol. tolerance in rats to type specific antigens of human erythrocytes 44086

in aged (Fr) 32200

induction of immunol. tolerance in rats to foreign erythrocytes 25778

leukocytes during promunity reactions (Ger) 23152

low-resist. synd., review 45272

mechanisms of immunol. unresponsiveness 13151

oral immun., review (It) 42753

possible role of vitamin C in tonsillogenic immunol. processes (It) 30347

simplified micro double-diffusion agar precipitin technic 17609

specific modifications of immune response, review 10486

stimulation of non-specific immun. in mice by inject. with bact. lipopolysaccharides, mechanism 4155

tachyphylaxis, eff. of temporary exclusion of CNS (Rus) 55758

time table of immun. of infants against various dis. 50002

tolerance in radiation chimaera, review 10487

transfer of maternal antibodies to newborn by breast feeding, review 7558

## IMMUNOLOGY

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

autoimmun. (Sp) 29350

bibliog. 8671 21028 44385 53841

bibliog. (Rus) 11504 34679 55785 55818 55847

immuno-hematol., review (Rus) 52971

immunol. of embryogenesis, review (Rus) 45630

in Russia, review 25119

individual differences as biol. basis in immunol. (Fr) 26176

## IMPETIGO

herpetiformis, endocrine origin 23707

herpetiformis, etiopathogen. & ther. (Pol) 43662

retro-auricular, with pseudomilium cysts (Fr) 24807

***in infant and child***

classif. & ther. (Fr) 27492

***therapy***

cortisone in impetigo herpetiformis (Ger) 15288

## IMPOTENCE

in young men, caused by excess of libido & excess of androgens, management 17427

paradoxical assoc. with adrenal hyperandrogenism (Fr) 32041

***etiology and pathogenesis***

diabetes mellitus, statist. 4508

Leriche synd., mechanism & relief by sudarterectomy 5923

*INANITION see* NUTRITION DISORDERS

*INCLUSION DISEASE see* VIRUS DISEASES

## INCOME TAX

deduction of dentist's business expenses 50151

deductions for physicians 49657

of French physicians, changes in legislation (Fr) 48953

of physicians, planning of tax program 15920 15921

taxation of intellectual serv. in Norway (Nor) 54985

*INCONTINENCE see* DEFECATION

*INCONTINENCE see* URINATION DISORDERS

*INCUS see* EAR OSSICLES

## INDEXING

*see also* BIBLIOGRAPHY

card-form publications in med. & related fields 48384

increase & inflation in articles & reports in field of biol. (Fr) 43981

punch card system for physician's office (Ger) 21619

scientific indexing & abstracting serv. & publications (Sp) 53951

statist. evaluation of autopsy findings with aid of punch card (Ger) 27506

taxonomic codification of biol. entities, system for machine processing 21694

## INDICAN

***effects***

prod. of exper. leukemia in mice (Ger) 41755

***in blood***

relation to renal clearance values (Sw) 43217

***in urine***

relation to intestinal flora in ment. disord. (Ger) 44210

***metabolism***

in achlorhydria, eff. of pancreatic stimulation 24832

## INDICATORS AND REAGENTS

*see also* DYES

*see also* PHENYLHYDRAZINE

anhydro silver fluoroborate & copper(I) fluoborate as complexing & alkylating agents (Ger) 47667

calcein titration method for calcium determ. in tissue without ashing 44151

causing erratic results in determ. of blood vitamin A & carotene 28570

Closs' polythionate reagent in quantitative determ. of urinary proteins 44999

dithizone, pharmacol. (Ger) 43019

fuchsin-sulfurous acid reagent in determ. of alcohols & ketones (Ger) 29780

indicator for determ. of nitrogen dioxide in air samples 46878

ninhydrin-positive amino acids in cell wall hydrolyzates of Micrococcus lactilyticus & Veillonella alcalescens & parvula 50346

Reinecke's salt precipitations, wofatite F in prep. of precipitates for titrimetric determ. (Ger) 20323

***effects***

complexing agents on hydrolysis of mono- & di-esters by animal alkaline phosphatases (Ger) 49895

dithizone, diabetogenic action, eff. of insulin (Sp) 53953

***injurious effects***

clinitest ingestion causing esophageal stenosis 34936 41051

clinitest urine-sugar reagent tablet, ingestion causing cicatricial esophageal stenosis in 5-year old girl 17921

INDOLACETIC ACID

determ. in urine & tissues & form. from tryptophan in animal tissues 40546

interaction with methionine in control of abscission in tobacco plants 31389

*determination*

chromatographic coleoptile straight-growth test 7192

Salkowsky reaction 52295

*effects*

hypoglycemic, with carbutamide (Cz) 38241

induction of ammonia release by plant tissues 19618

on behavior in rats & guinea pigs 5537

on growth & phototropism of Phycomyces (Ger) 25306

on growth of alga Chlorella vulgaris, influence of added ethyl alcohol 29830

on oat coleoptiles, response to 6-substituted thio- & amino-purines 13387

*related compounds*

5-bromo-3-methyl-3-indolacetic acid deriv., pharmacol. (It) 3541

5-hydroxy-3-indole acetic acid, urinary excess in absence of malignant carcinoid synd. 14962

5-hydroxyindolacetic acid excretion in urine in chronic kidney dis., comparison with normal humans (It) 37395, 37396

5-hydroxyindolacetic acid form. from serotonin by rabbit blood 44139

hydroxyindolacetic acid in urine, effl. of electroshock (Ger) 46088

5-hydroxyindoleacetic acid in urine, eff. of reserpine, raumitorine & reserpiline (Fr) 48926

5-hydroxyindolacetic acid in urine in achlorhydria, eff. of HCl 35190

5-hydroxyindoleacetic acid in urine, in diag. of malignant carcinoid synd. (Sw) 10182

5-hydroxyindolacetic acid in urine in normal child. (It) 39352

5-hydroxyindolacetic acid metab. in schizophrenia (It) 27002

5-hydroxyindolacetic acid, urinary elimination after ingestion of bananas (Fr) 38723

5-hydroxyindolacetic acid, urinary excretion after admin. of histamine-liberator in man (Fr) 23524

5-hydroxyindolacetic acid, urinary excretion after oral admin. of bananas or of serotonin in man 31458

5-hydroxyindolacetic acid, urinary excretion in liver cirrhosis, eff. fo 5-hydroxytryptophan 49696

5-hydroxyindolacetic acid, urinary excretion in neurocirc. asthenia 35174

*therapeutic use*

diabetes mellitus in child., insulin-producing response of pancreas 7845

INDOLE

*see also* SEROTONIN

*see also* TRYPTOPHAN

*determination*

spectrophotometry, relation of Keller reaction (Ger) 49344

ultraviolet fluorescence (Rus) 25908

*effects*

on N-2-fluorenylacetamide induction of bladder tumors in rats 31310

on synaptic transm. in lateral geniculate nucleus of cat, review 8349

*in urine*

chromatographic determ., eff. of atmospheric contaminants 19468

in psychotics, chromatography 17786

in schizophrenia 14275, 27005

*metabolism*

combined test of indole prod. & carbohydrate fermentation in identification of coliform bact. (Ger) 36424

synthesis by E. coli mutant strain, eff. of chloramphenicol isomers 25779

*related compounds*

α-alkyl- & α-aryltryptamine deriv., prep. & analysis (It) 49414

determ. in saliva by glyoxylic acid-sulfuric acid reagent 17200

5-hydroxyindoles, metab. & determ. 354

2-hydroxymethyl- & 2-(ω-hydroxyethyl)-indolizidines, synthesis (Ger) 36457

indole-3-aldehyde in adrenal tumor & normal pancreas & spleen 19584

indolealkylamines from seeds of Piptadenia peregrina, pharmacol. of crude & pure forms 34903

indolealkylamines, release from tissues of lower vertebrates & mollusca after reserpine admin. (It) 36599

indolepropionic acid bound to amino acids, synthesis by Bacillus megatherium (Fr) 26309

N-(β-indolyl-3-acryloyl)glycine isolation from urine & synthesis (Ger) 27893

psilocybin, structure & synthesis 39247 (Ger)

role in pathogen. of endogenous psychoses (Ger) 27003

urinary indole acids after ingestion of coffee or banana, chromatography 19519

urinary indole cpds. in ment. disord. 50844

INDOPHENOL

*related compounds*

2,6-dichlorophenolindophenol, eff. on oxidation of vitamin C by chloroplasts 1358

INDUSTRIAL HYGIENE

*see also* ACCIDENTS, INDUSTRIAL

*see also* AIR POLLUTION

*see also* HUMAN ENGINEERING

*see also* OCCUPATIONAL DISEASES

(Ger) 18974

absenteeism caused by Asian influenza, eff. of immun. program at General Electric 4241

absenteeism caused by illness & inj., preliminary guide for measurement 16606

absenteeism caused by resp. dis. 52674

absenteeism, causes in Chilean ironworks (Sp) 31876

absenteeism of phosphate miners in Morocco, eff. of influenza epidemic (Fr) 6388

absenteeism, statist. method of recording absences, value in promotion & control of employee health (Sw) 30211

Acad. for Soc. Hyg., Indust. Hyg. & Med. Educ. in E. Germany, organiz. problems & aims (Ger) 38907

adequate illumination for eye comfort in visual disord. 28002

aims (Fr) 26438

alcoholism in indust. 4242 16344 34866 40114 53674

analytical procedures used by Los Alamos Scientific Laboratory 11537

application of 4 factors of seeing to variety of indust. situations 28009

audiometric tests in woolen mill workers 30205

basement rooms as working places, hyg. aspects (Dan) 22447

beryllium hazard evaluation & control 46415 46416 46418 46419 46420 46421 46422 46424

biol. eff. of use of ionizing radiations in indust. & protection of workers 41421

campaign against working disability of women in Czech. (Cz) 48669

cancer detection program for senior employees 11590

cancer detection programs, relation of cancer yield to screening procedures, statist. 11591

cardiovasc. dis. in indust. workers in Minnesota 42821

causes & prev. of fatigue in indust. executives 21520

causes & prev. of neuroses in indust. workers (It) 42225

challenges & compensations for indust. physician 28122

changes in fitness for work, determ. by indust. physician (Cz) 2802

changes in range of movement of elbow joint in workers using compressed-air hammers (Ger) 40173

clin. exam. of workers manufacturing silicon carbide (Cz) 30951

color blindness as occup. handicap (Fr) 13473

comparative results of health surveys of telephone & telegraph workers in 1951 & 1955 43708

contribution of Andrew Meiklejohn 40113

conveyor workers, physiol. basis of work & rest (Rus) 33481

coronary dis. mortal. analyzed by broad occup. groups 34862

correlation of workers' psychol. test scores & work efficiency ratings (It) 51657

current health hazards in Canada 14639

dent. program in retail store 4248

dent. program of Internat. Longshoremen's & Warehousemen's Union-Pacific Maritime Assoc. 4406, 16542, 28110

determ. & prev. of lead exposures in powder metallurgy operations 46883

determ. of eff. of general vibration on funct. of genitalia in women in textile plants (Rus) 33330

determ. of exposure of workers to aromatic amino & nitro cpds. 28407

dismissal of physicians employed by syndicates, problems & legislation in France (Fr) 32402

dispensary care in stomach & heart dis. (Ger) 11138

economic importance (Ger) 22870

eff. of competitive indust. activity on severely disabled cardiac patients 4457

eff. of excessive noise on hearing in indust. workers 26059

eff. of Hemophilus influenzae vaccine trial on incidence of chronic bronchitis in male factory workers 48297

eff. of indust. work during pregn. on prematurity of labor (Pol) 39638

eff. of noise on various funct. of body (Rus) 33332

eff. of occup. on blood pressure 15051

eff. of occup. on women's health (Ger) 6698

eff. of ozone in electric plants (Sw) 43178

eff. of working cond. on gynecol. dis. & pregn. (Ger) 15334

eff. of working in metallurgy indust. on course of pregn. (Pol) 39633

eff. of working in metallurgy indust. on hemoglobin levels in pregn. (Pol) 39634

electrical sensitivity & lability of visual & motor analyzers in indust. workers, method of investigation (Rus) 3805

employment & occup. rehabil. of handicapped in work adjustment center 47782

employment cond., effl. on outpatient ment. hyg. clinic intake activity 40744

employment in ankylosing spondylitis (Rus) 32552

employment of blind in Italy, hist. & contribution of Don Gilardi (It) 9335

employment of cardiac patients 27089, 51121

employment of cardiac patients, problems (Fr) 45547

employment of diabetics (Ger) 23134

employment of epileptic adolescents (Rus) 34799

employment of handicapped, problems (Fr) 13478

employment of patients with coronary sclerosis (Cz) 2804

employment of patients with NS dis., determ. of work fitness by district physician (Cz) 2803

employment of subjects with pulm. tuberc. (Rus) 21905

employment of tuberculotics after discharge from hosp. (Dut) 25402

employment of workers with impaired vision due to eye inj. (It) 36216

employment problems of handicapped adolescents (Fr) 30964

energy consumption in indust. hyperstimulation (Fr) 13472

energy requirements of workers in different occup. (Fr) 24879

executive health program, importance of routine exam. 37678

fatigue & lowered morale in indust. executives caused by inadequate executive planning 21522

fitness for work, determ. by district physician (Cz) 2801

funct. of indust. physician 14703

GP's role 18765

group audiometry in (Ger) 23047

guide for med. serv. for construction projects, AMA council report 28134

health & safety aspects of facilities for uranium fuel manufacture 46369

health hazards in inert-gas tungsten-arc welding shop 26080

health hazards in shift work 16332

health needs of working youth 14081

health of London bus drivers 18418

health physicist's responsibilities in indust. using radioactive materials 27800

health preserv. & dis. detection program for executives 19912

health protection of indust. workers, concept (Cz) 38354

health protection of indust. workers, relation to labor legislation (Cz) 38355

health status of indust. workers (Cz) 38356

hearing conservation (Fr) 41147

hearing conservation program in New York 12229

hearing conservation program in Wisconsin 12232

hearing tests 12231

hist., organiz. & legislative protection in various countries (It) 9370

hosp. employee health program 28124

hyg. & technical aspects of riveting air hammers & holders with reduced recoil & vibration (Rus) 33329

hyg. aspects of polymer chem. (Rus) 3817

hygienic cond. in dry cleaning plants in Rome (It) 21008

immun. program against Asian influenza, effectiveness 40120

immun. program against Asian type A influenza 40119

improvement of standards of hyg. (Cz) 30940

improving human relations in hosp. & health agencies 19150

in agriculture (Por) 21079

in atomic indust. (Cz) 30956

in Czech., standardization of factory health serv. (Cz) 38365

in dock workers (Rus) 49798

in England, indust. med. department of factory 14055

in Fr. linen indust., cond. in wet spinning processes (Fr) 9657

in Germany (Ger) 15388, 23139

in Gt. Brit. 14284, 48198

in Italy (Fr) 30975

in mining in Russia (Rus) 32580

in Morocco, joint indust. med. serv. (Fr) 6364

in Morocco, medicosoc. work in factories (Fr) 6365

in Morocco, regulation of working cond. (Fr) 6359

in Poland 4245, 16341

in Poland, Med. Institute of Labor & Rural Hyg. (Fr) 15205

in railway indust. in Russia (Rus) 39586

in Rumania, med. & prev. serv. in various industries (It) 42224

in Russia (Cz) 48672

in Russia (Rus) 9823 45249 49790 49793

in Russia, organiz. for miners (Cz) 48673

in Sahara (Fr) 10225

in tractor stations in Russia (Rus) 49792

in W. Germany, differences in protective legislation for white & blue collar workers (Ger) 11362

in wet grinding (Rus) 39588

in Yugosl. (Ser) 27865

independent indust. med. practice 45095

individual med. record file on punch cards (Ger) 49025

indust. hygienists' recommendations for labeling of toxic substances 23373

indust. med., legislation in Morocco (Fr) 6358

indust. med. serv. in Casablanca, organiz. (Fr) 6363

indust. psychiatry, review 47159

influenza prev. & control (Ger) 29455

interference of personal problems with working capacity & ment. hyg. in indust. 16620, 16622

interrelations of GP, employee & indust. med. officer 18765

job placement & adjustment of aged, utilization & protection of skills & phys. abilities 39557

labor union health centers, AMA council report 16507

light measurement 28008

light work for limited capacities, indust. problems (Ger) 38931

lighting & color of rooms in modern indust. (Ger) 38919

lighting, generalized method for specification of interior illumination levels based on performance data 28010

lighting, importance for visual comfort 28004, 28005, 28007

lighting levels in offices, maintenance 28006

lighting, methods of making light surveys 28012

lighting, problem of daylighting 28011

malaria control in Assam tea estate 38668

management & union health programs & bibliog. 40108

mass x-ray survey for detection of pulm. tuberc. 26019

mechanical improvements for guiding & holding rotating shafts of stirrers used in fermentors (It) 53824

med. certification of absence from work 16589

med. criteria for aptitude & fitness of federal workers in Switz. (Ger) 20615

med. department of Chrysler Corporation 40121

med. department organiz. at Esso Standard Oil Company 4240

med. implications of automation in indust. 29340

med. research & practice in indust. 43323

med. serv. of applied nuclear research center (It) 42227

med. serv., organiz. (Ger) 15368

noise control 12233, 12239, 12243

noise control of machine operations 12234 12235 12236 12237 12238 12240 46891

noise measurement 12230

noise specifications, types 12242

nomenclature reforms recommended by Nomenclature Committee to Ministry of Health & of Labor in France (Fr) 48946

norms for adolescent workers (Ger) 15380

nutrition of French workers (Fr) 13470

occup. factor in incidence of acrodynia & hyperthyroidism, comparison (Pol) 30858

occup. maladjustment, psychodiag. (It) 44344

occup. of patients with hernia of intervertebral disk, statist. (It) 42679

ophthalmol. care (Ger) 49031

organiz. of cardiac clinic in indust. 50760

oxygen ther., indic. 16336

part-time indust. physician, duties & responsibilities 8117

periodic exam. of benzene workers (Cz) 30944

periodic exam. program for early diag. of cancer 11589

phys. exertion during welding of motors in auto repair shop (Cz) 30955

physician as advisor to indust. management 28123

physician role (Dan) 10646

physician's role (Ser) 45907

physician's role in rehabil. (Ger) 13377

physician's role in safety examinations (Fr) 37767

practical value of periodic health exam. 4243

pre-employment phys. exam. (Dut) 19724

pre-placement x-rays of lumbar spine 4247

prev. med. applied to large indust. (It) 253

prev. of acute resp. infect. 16336

prev. of influenza, employee immun. program 40110

prev. of occup. dis. from toxic substances using epidemiol. methods & statist. 37550

prev. of radiation inj. of physicians in radioscopy stations of indust. med. serv. in Lyon region of France (Fr) 47762

prev. of tuberc. in Belgium by indust. hyg. policies (Fr) 35490

problems of working schedules & cond. of workers with stomach dis. in relation to dispensatory care (Ger) 11124

progr. 475

protection of young workers in Switz. (Fr) 20613, 30963

psychol. factors in indust. fatigue 21523

psychol. inhib. for work after illness 51118

radiation hazards 18738

radiation protection program 20587

reduction of air flow noises 46890

relation of number of working hours to performance (Ger) 11132

relation of occup. mobility to fertility, statist. 6765

research in Czech. & Russia (Cz) 48671

research problems (Cz) 38361

resolution of internat. symposium in Czech. (Cz) 48670

review 18699

review (Ger) 42312, 42926

role of local health department 54535

role of occup. stress in etiol. of coronary dis., review 2511

role of regional health serv. in care of workers (Cz) 38358

routine audiometric tests of workers, methods & value (It) 51650

safety measures in protecting garret windows (Ger) 46216

screening of workers for pulm. emphysema & inflamm. of resp. tract (Cz) 30952

selective placement & follow-up of indust. employees with cardiovasc. dis. 13675

selective placement of cardiacs in indust. 20511

shift system, eff. on sickness & accid. incidence & forms of recreation (Ger) 15381

sickness absenteeism in Finland, statist. (Fin) 10065

significance of color blindness in various occup. & improved methods for detection (Hun) 20169

small plant med. serv. 48970

special health facilities for indust. workers (Cz) 38357

spontaneous combustion, prev. (Ger) 11365

survey (Ger) 51795

traum. origin of angina pectoris & myocardial infarct in indust. (Fr) 37793

use of visual-motor Gestalt technic in group testing of psychiatric attendants 3196

uterine cancer detection method 39

ventilation problems (Ger) 38915

visual efficiency necessary for woodworking (It) 39365

work-disturbing anxiety states, hydroxyzine ther. (Ger) 51794

working cond. in cork indust. in Bulgaria (Bul) 16413

***education***

at University of Minnesota 20891

health serv. staff training (Cz) 38360

med. student train. in indust. practice (Rus) 33573

program in occup. med. at University of Oklahoma School of Med. 18027

***history***

in Russia, Moskovskoe Obshchestvo Fabrichnykh Vrachei (Rus) 21936

Quarry Bank Mill, Manchester, England, pioneer health serv. 26062, 48205

***legislation***

in Germany (Ger) 23141, 33918

in southeastern Australia 18764

***statistics***

occup. vital statist. on coal miners in Gt. Brit., accuracy 26039

## INDUSTRY AND OCCUPATIONS

***see also*** **AGRICULTURE**

***see also*** **AVIATION**

***see also*** **MINING**

***see also*** **VOCATIONAL GUIDANCE**

***see also*** **WORKMEN'S COMPENSATION AND INSURANCE**

adjustment problems among indust. workers (Ger) 31570

artisans, med. & soc. aspects in Italy (It) 21461

communication in business, communication clinic approach to problems 40881

community noise control by aircraft manufacturer 12241

distribution of female workers under full employment (Ger) 31568

eff. of type of work on recreation patterns (Ger) 31566

employer attitudes on hiring applicants with hist. of ment. illness 18020 18029 19077 19078 19079

employment aboard ships (Sw) 45052

employment of elderly workers (Sw) 32478

full employment & choice of occupation in Germany & Switz. (Ger) 31565

goiter endemicity in indust. areas in Russia (Rus) 53462

human relations in organiz. 27939

indust. & soc. problems created by working diabetics (Fr) 54007

indust. productivity & aging (Hun) 7365

indust. subcontracting to organiz. employing disabled persons 19026

job adjustment, technic for assessment 16340

legislation on occup. train. in Switz. (Fr) 20614

machinery indust. schools in Russia (Rus) 39579

migratory workers, problem of health insurance 35844

myopia as occup. impediment (It) 27649

night work (Dan) 10641

occup. train. for ment. retarded youth at Edward R. Johnstone Train. & Research Center, Bordentown, New Jersey 24453

occupations & employment of persons over 70 & 80 years of age 3795

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

personality factors in soc. mobility of occupationally mobile businessmen 3772

psychol. factors in attitude toward & choice of work in young women in Germany (Ger) 31567

psychotechnics, application to indust. management & labor relations (Fr) 6366

reclassif. of positions reserved for handicapped workers in iron-works (Fr) 13476

relation of changing Amer. family to woman labor pool 40115

role of industry in med. research 9838

supervisors & attitudes towards subordinates (Ser) 45912

use of alginates in various indust. (Fr) 8315

visual requirements in vocational selection in Germany (Ger) 26183

work changes in Eskimo population responsible for morphol. changes of facial bones in less than 1 generation (Fr) 38652

work punch cards (Fr) 13474

## INFANT

baby's cry, quality, quantity, causes & eff. 42813

early speech develop. of inf., statist. 5844

equip. for catheterization of female inf. 43525

ment. develop., importance of breast feeding & environment (It) 41905

oral exam., appar. & technic (Sp) 43882

simple method for obtaining venous blood from small inf. 43524

surface appearance of lips of suckling inf. 12

syllabic & phonetic structure of infants' early words 5845

weight increase in first trimester, plus & minus variation (Ger) 34110

*diseases see* PEDIATRIC DISEASES

### *physiology*

carbohydrate metab. studied by determ. of total sugar, galactose & glucose in blood after oral admin. of lactose (It) 29726

develop. of enzyme systems during early infancy, review 20267

dominant reflexes in nursing inf. (Rus) 7920

motor funct. develop. in first year (Rus) 7927

resp., measurement of partial tension of carbon dioxide of alveolar air (Fr) 23928

skin temperature & tonus & rectal temperature in normal & pathol. cond. (It) 29727

visual fixation in human inf., influence of complexity & whiteness of stimuli 26081

## INFANT CARE

med. & hosp. care, statist. 7876

nursery in leprosarium for healthy child. of leprous parents, operation & mortal. statist. (Fr) 1076

of prematures, mobile technical equipment for use in home (Sp) 36850

organiz. in rural areas (Rus) 9916

schedule & organiz. of daily activities in second year of life (Rus) 7928

## INFANT MORTALITY

*see also* STILLBIRTH

caused by diarrhea, hosp. statist. (Sp) 1817

causes & prev. (Sp) 1809

decrease in Russia (Rus) 9918

eff. of high premature inf. mortal. rate on inf. mortal. statist. (Ger) 11006

in Austria, relation to prenatal care (Ger) 22798

in Bogotá (Sp) 31882

in Brazil, among wood-hut dwellers & slums near large cities (Por) 43484

in Budapest (Hun) 30034

in Burma 41460

in E. Germany, statist. analysis (Ger) 38928

in Ecuador 4535

in England, obscure causes 2201

in Firenze, Italy, 10-year period (It) 36230

in France (Fr) 9663

in Germany, eff. of prenatal care (Ger) 15397

in Hungary in Borsod-Abadj-Zemplén County, influence of perinatal skin dis. (Hun) 30035

in Madrid (Sp) 31862

in Malaya, perinatal mortal. 18789

in Minneapolis 803

in Netherlands & Scand. countries 294

in No. Argentina (Sp) 44573

in No. Nigeria 17839

in Portugal (Por) 50087

in Scotland, caused by spina bifida, anencephalus & hydrocephalus 3113

in Singapore, relation to maternal status of young girls below legal marriage age 6481

in So. Africa 17841
17842

in Uruguay, soc. security program (Sp) 47837

internat. statist. (Sp) 46680

natimortal. & inf. mortal. analysis, technic, interpretation & evaluation (Fr) 48987

neonatal 17619
31269
31270

neonatal & perinatal in France (Fr) 54056

neonatal & perinatal, in trichloroethylene anesth. in labor 14570

neonatal, causes (Fr) 30472

neonatal, causes & prev. (Fr) 30471

neonatal, in Cape Town, eff. of Asian influenza epidemic 45064

neonatal, in No. Carolina 35836

neonatal in Pennsylvania 10479

neonatal, obst. causes (Ger) 36028

neonatal, relation to fetal apnea 50977

neonatal, relation to lethal genes (Fr) 44939

of second inf. in twin delivery, review 20044

perinatal, caused by compl. of labor & delivery, statist. of clinic of University of Turin (It) 42567

perinatal, causes of death & incidence in obst. clinic of Milan, with case reports (It) 13102

perinatal, comparison of legitimate & illegitimate inf. (Ger) 3746

perinatal, in Argentina, national health program (Sp) 36857

perinatal, in Argentina, soc. aspects (Sp) 7589

perinatal, in cesarean section 50190

perinatal, in Colombia (Sp) 44601

perinatal, in deliveries concluded operatively (Ger) 3940

perinatal in France & methods of reduction (Fr) 53030

perinatal, in Hungary in last 25 years, indic. of develop. in gynecol. (Hun) 39748

perinatal, in New York 641

perinatal, in Péterfy Sándor Street Hosp. in Budapest (Hun) 41985

perinatal in So. Dakota hosp. 32511

perinatal, relation to maternal diabetes mellitus (Rus) 46808

perinatal, relation to maternal prediabetes 20220

perinatal, relation to soc. status (Ger) 33967

perinatal, secondary causes 31268

postmature inf. 4539

post-neonatal in England 2113

premature inf. in Canada (Fr) 10679

premature inf. in Czech. (Cz) 38339

premature inf. in France (Fr) 53016

premature inf. in Poland (Pol) 20237

premature unit in Hôpital Ste-Justine, Montreal 3532

prev. & control in rural areas of Argentina (Sp) 3309

prev. by prenatal care (Dut) 15988
15993

preventable dis. as cause of late mortal. (Ger) 15391

relation to psychosomatic develop. (It) 1116

relation to umbilical prolapse & presentation 18782

statist. of maternity hosp. in Provence, France (Fr) 30473

## INFANT, NEWBORN

*see also* BIRTH INJURY

air hyg. of obst. unit nurseries 38204

amount of gastric contents 383

anat. of lymphatic system, comparison with adults (Ger) 15977

anat. of pyloric canal, urinary bladder & perineum 18757

baby pictures in hosp. 51556

body size-fat-growth correlations 49977

care 4099 17630 24894 28467 28468 53270

care in maternity hosp. (Sw) 45350

develop. of oral bact. flora in newborn (Ger) 46268

evaluation of cond. 28143

evaluation of maturity, medicolegal aspects (Ger) 27122

excessive size, relation to maternal age, size & menarchal age & endocrine funct. in pregn. (Ger) 36042

fluid ther., review 53004

foot form variations (Ger) 34286

Graham behavior test, inter-scorer agreement 51051

large babies, relation to maternal diabetes & prediabetes 7991
20015

maturity, determ. by x-ray of ossification centers (Cz) 14856

of above normal weight, relation to maternal diabetes, review (It) 36235

oral exam., appar. & technic (Sp) 43882

postmature inf. (It) 6945

postmature inf., physiopathol. (Sp) 295

postmature inf., relation to degree of ossification of distal femoral epiphyseal nuclei (Cz) 14857

postmaturity, clin. picture & ther. (Ger) 15438

post-natal weight loss in inf. of diabetic & non-diabetic women 1408
35111

relation to phys. environment (Sp) 44536

resuscitation in GP (Den) 22406
15446

soc. anthropol. (Ger) 38929

umbilicus microbiol. 17913

vaginal smears of inf. as reflection of maternal status (It) 54254

weight & measurements of inf. born of consanguineous marriages 545

weight, eff. of prolonged isoniazid ther. of mother, exper. study (It) 3909

### *blood in*

aldolase activity of erythrocytes in premature & full-term inf. (It) 26618

aldolase, variations during first month of life, in normal & pathol. cond. (It) 2962

antibody response in inf. of polio. vaccinated women 4443

antistaphylolysin & antistreptolysin, transplacental passage (It) 20215

bilirubin, relation to CSF bilirubin levels 4872

blood sugar, eff. of oral admin. of glucose, in normal & macrosomatic inf. (It) 13101

C-reactive protein, determ. (It) 29221

differential blood count (Ger) 46076

eosinophil count after normal & difficult labor 20592

erythrocyte susceptibility to form Heinz bodies in normal cond., comparison with susceptibility in erythroblastic anemia & favism (It) 37508

fetal hemoglobin in erythrocytes & erythroblasts, determ. (Ger) 37229

fibrinolytic activity of umbilical cord blood 11999

β-glucuronidase (It) 44278

glutamic oxalacetic transaminase (It) 6859

glutathione, comparison with umbilical cord blood glutathione (It) 37505

glutathione, determ. of stability 4876

hemoglobin (Fr) 30449

hemoglobin levels as indic. of anemia & other blood disord. 8516

heparin levels, comparison with maternal & umbilical cord blood (It) 6051

immun. & biol. factors, electrophoresis (Ger) 34073

in-vitro abnorm. of glutathione metab. in erythrocytes, mechanism & clin. significance 43509

lactic dehydrogenase activity 47001

lipoproteins, analytic ultracentrifugation & electrophoresis (It) 8467

mucoproteins, comparison with fetal & maternal blood (It) 42786

novobiocin content after oral admin. 13330

persistence of fetal hemoglobin (Fr) 25492

phosphatases, alkaline, cytochem. studies on activity in leukocytes (Ger) 27450

prothrombin & proconvertin, eff. of admin. of vitamin K to mother during labor 52828

prothrombin time, determ., comparison of Quick-Lehmann & Owren methods 35347

review (Ger) 27391

Stuart-Prower factor defic., eff. of vitamin K 49316

thromboelastography (Fr) 30454

transaminases & glycolytic enzymes (Ger) 34124

vasopressin content (Cz) 38254

***diseases***

***see also*** **ASPHYXIA NEONATORUM**

***see also*** **ERYTHROBLASTOSIS, FETAL**

***see also*** **HEMORRHAGIC DISEASE OF NEWBORN**

***see also*** **HYALINE MEMBRANE DISEASE**

***see also*** **JAUNDICE, CONGENITAL HEMOLYTIC**

***see also*** **OPHTHALMIA NEONATORUM**

***see also*** **SCLEREMA NEONATORUM**

acute abdomen (Sp) 9666

acute asystole, case reports (Fr) 53025

acute neutropenia, in two siblings 48490

adiponecrosis subcutanea neonatorum (Ger) 55656

adrenal cortex pathol. in inf. dying of non-adrenal dis. (Pol) 27599

adrenal gland dis. 3173

adrenogenital synd., salt-losing type 28591

afibrinogenemia, congen., case report & review (It) 20225

agranulocytosis, transitory 12355

anemia caused by fetal hemorrh. in maternal blood circ. (Fr) 21748

anemia caused by occult transplacental hemorrh. from fetus to mother (Cz) 38321

anemia in twin due to blood shunt to other twin in placental blood vessel anastomoses (Ger) 52167

ascites, case report 160

atelectasis (Rus) 33276

Bacillus faecalis alcaligenes septicemia 44064

biliary peritonitis caused by gallbladder perf., surg. (Cz) 38324

cardiac arrest, ther., cardiac massage (Fr) 8403

caused by pregn. toxemias, diag. & management 4550

cavernous hemangioma of forehead, ther., sclerosing solutions (Por) 53869

choanal atresia, total 5403

51354

classif. 25575

colon perf., spontaneous, fatal case 1415

congen. metastasizing carcinoma & cytomegaly of adrenal cortex, post-mortem pathol. 24412

congen. varicella, case report 23519

congestive heart failure caused by cerebral arteriovenous aneurysm 28600

convulsions in inf. in 1st month of life (Fr) 54079

Coxsackie virus B encephalohepatomyocarditis, infect. in utero 30422

Coxsackie virus infect. caused by maternal infect., fatal cases 7628

10245

Coxsackie virus infect., review 8336

cross infect. in hosp. ward, prev. (Pol) 39641

cyanotic attacks (Fr) 26268

cytomegalic inclusion dis., autopsy findings 41085

cytomegalic inclusion dis. (Fr) 54143

cytomegalic inclusion dis., histopathol. of placenta & chorionic membrane (Fr) 27718

diaphragmatic hernia (Rus) 18240

diaphragmatic hernia, case reports (It) 191

diarrhea, isolation of Escherichia freundii with complete Salmonella takoradi antigens (Sp) 8837

duodenal ulcer, x-ray findings 816

E. coli 055 gastroenteritis, comparison of 2 Czech. nursery epidemics (Cz) 38320

enteritis, prev. & ther., colimycin (It) 52035

epidermolysis bullosa, etiol., pathol. & case report (It) 27641

esophageal erosions, postmortem pathol. 51287

factor VII defic., differ. diag. (Ger) 34096

fibrinolytic dis. following maternal fibrinolytic fibrinogenopenia, case report 20072

fibrosarcoma of lung 37655

flaccid quadriplegia, case reports 46854

galactosemia, case report 24459

galactosemia, congen., laboratory diag. (Dut) 53092

gangrene of extremities, with thrombophilic disord. (It) 42783

gastrointestinal disord., acute, etiol. (Pol) 53169

generalized herpes simplex with Micrococcus pyogenes septicemia 35351

giant cell hepatitis with postnecrotic cirrhosis & rickets, clin. pathol. conf. 28513

goiter caused by thyroid antagonist ther. of maternal hyperthyroidism (Ger) 36986

hematoma of liver, subcapsular, case report (It) 15030

hemorrh., pathogen., ther. & case reports 40339

hepatitis, giant cell, etiol. & histopathol. (Hun) 28801

herpes (Fr) 54144

herpes zoster, case report (It) 20211

hydrocolpos, case reports (Fr) 2305

hyperbilirubinemia 41801

hyperbilirubinemia, ther., exchange transfusion 41788

hyperoxemic nonasphyctic apnea (Ger) 33946

hypocalcemic tetany developing within 36 hours of birth 36531

hypoprothrombinemia, findings on thromboplastic activity of serum (Sp) 21127

ichthyosis (Ger) 3215

icterus, ther., glucuronic acid 43518

idiopathic hemorrh. infarction 51478

in inf. of diabetic mothers, clin. study & review 34986

infect. outbreaks in nurseries of community hosp. 50188

infect., possible causation by bact. of birth canal 24837

intestinal amebiasis, case report (Fr) 30479

intestinal obstruct. (Fr) 8147

intestinal obstruct., acute, etiol., pathol. & diag. 48590

intestinal obstruct. caused by meconium (Ger) 30063

intestinal obstruct., diag. (Ger) 34560

intestinal obstruct., diag. & surg., case reports & review (It) 47809

intestinal obstruct., manifest. by hydramnios, diag. criteria 5706

jaundice (Fr) 55117

jaundice, bilirubin metab. 55278

jaundice caused by admin. of vitamin K to mothers in labor 52827

jaundice caused by galactosemia, case report 40934

jaundice, causes (Ger) 55280

jaundice, classif. (Ger) 54348

jaundice, clin. aspects 55279

jaundice, correlation of blood bilirubin levels & liver funct. 17912

jaundice, etiol. differentiation by determ. of glutamic oxalacetic & glutamic pyruvic transaminases 16568

34982

jaundice, funct., in surgically delivered inf., pathogen. & ther. (Ger) 15426

kidney dis., unusual manifest. 21511

laryngeal cysts (Rus) 10762

laryngeal paralysis, case report (Fr) 47472

laryngo-tracheal synd. (It) 43738

Listeria infect., clin. manifest. & ther. (Sw) 52744

Listeria monocytogenes meningitis 5612

liver rupt. (Ger) 49110

mammary swelling, role of maternal hormones (Ger) 35575

meconium peritonitis 54700

meconium peritonitis caused by rupt. of Meckel's diverticulum 17919

megacolon, case reports (Cz) 38328

megacolon, diag. & ther. (Sp) 347

meningeal hemorrh. in weak inf., histopathol. & clin. aspects (Fr) 6944

meningitis caused by E. coli O111 B4, case report (Fr) 18503

meningitis caused by flavobacterium infect. (Fr) 36199

meningitis, purulent (Fr) 31973

meningitis, small outbreak in maternity unit 1414

methemoglobinemia with strangulated intestinal obstruct. in newborn 28601

micrococcal epidemic in newborn in hosp. 25032 28995 28996 29007

micrococcal infect. caused by maternal micrococcal vaginitis (Fr) 44643

micrococcal infect., frequency & course in hosp. (Ger) 3941

micrococcal infect. of umbilical cord, importance in hosp. cross-infect. 48171

micrococcal infect., outbreak in community hosp., control 3162

Micrococcus pyogenes infect. in hospitalized inf., pathogen. & case reports (It) 18491

narcotic withdrawal sympt. in inf. born to addicted mothers 16585

necrosis of renal tubule epithelium & islands of Langerhans 23514

non-congen. neonatal heart dis. 30416

omphalitis with pyelonephritis, pathol. & case reports 41262

orbital sepsis, proptosis as initial sympt. 48208

osteomyelitis, statist. (Fr) 45007

paroxysmal atrial tachycardia, ECG 5809

perf. of stomach, spontaneous, x-ray diag. 7944

peritonitis (Fr) 54146

peritonitis, chronic meconium, diag. value of amniotic fluid microscopy (Ger) 55647

plethora, pathogen. & ther. 51044

pleural capillary angiomatous malform. with rupt., fatal case 171

pneumomediastinum & rupt. of subcapsular hematoma of liver (Sp) 36853

pneumonia, morphol. characteristics & pathogen. mechanisms (Rus) 33272

pneumonia, post-mortem pathol. (Pol) 30386

polio. with resp. paralysis 37739

polycystic organismoid teratoma of orbit (Fr) 36145

polycythemia vera, case reports (Fr) 30450

postnatal naphthalene pois. causing acute hemolytic anemia, mechanism 25924

prev. & ther. in the Centro Materno Immaturi in Bologna, methods & statist. (It) 14525

prev. by animal colostrum 8514

pulm. atelectasis, radiol. & ECG manifest. (It) 13104

pyloric myoma & cyst (Fr) 30478

relation of atypical musc. tensor fasciae surralis Gruberi to encephalopathies in newborn (Cz) 38281

resp. infect., prev. & ther. 43788

retinal hemorrh. 24538

retinal hemorrh. (Rus) 34590

rib fract. (Fr) 44647

rupt. of normal spleen with recovery after splenectomy, case report 5402

scleroderma, ther., vitamin E (Ger) 55735

septicemia, statist. 7843

sickle cell trait 7847

solitary unicameral bone cyst of tibia, case report 52620

splenic rupt. causing hemoperitoneum, splenectomy & recovery 30134

spontaneous pneumothorax, etiol. & ther. 47317

sporadic goitrous cretinism, case report 5172

staphyloderma (Rus) 22498

subcapsular hematoma of liver, rupt. causing hemoperitoneum (It) 35703

42793

subcutaneous fat necrosis 17853

supraventric. paroxysmal tachycardia, ther., reserpine (Cz) 38322

teratoma of neck, postmortem pathol. (Ger) 34453

tetanus neonatorum (Por) 28093

tetany, incidence in newborn of diabetic mothers 7846

ther., artif. hibernation, anesth. potentiation & nerve block, indic. & compl. (It) 13103

thrombopenia, etio-pathogen. & case reports (It) 27769

thrombopenia with transplacental transfer of factors responsible for L. E. cell form. in maternal disseminated lupus erythematosis with thrombopenia, case report 12342

thrombopenias, classif. (Fr) 21749

thrombosis of ductus arteriosus with coarctation of aorta (Ger) 55539

thrush, nystatin ther. & method of eradication from hosp. nurseries 38012

thrush, ther., nystatin (Por) 43480

thrush, ther., trichomycin (Por) 43486

toxoplasmosis, congen., case report (It) 43477

toxoplasmosis, prev. (Fr) 53031

umbilical hernia with duodenal stenosis, case report 47252

urinary retention (Fr) 41484

various emergencies 50696

vitamin E defic., prev. by maternal inject. of tocopherol during labor 8878

***physiology***

aminophenol glucuronide form. in blood & liver after acetanilid admin. (Ger) 54378

appar. for determ. of basal metab. (Ger) 30505

Babinski reflex (Ger) 25267

blood pressure of umbilical artery 283

blood pressure of umbilical vein, eff. of uterine contractions at birth 281

bone marrow activity at high altitude 51045

cellular immunity at birth, nature & mechanism of phagocytic response 36532

cineradiography of gastrointestinal system 47489

course of blood circ. 55070

determ. of reflex activity (Rus) 49533

develop. of ossification centers in inf. of diabetic mothers 35112

distribution & excretion of 3-sulfanilamido-6-methoxypridazine after maternal admin. 7599

EEG responses to acoustic stimuli (It) 42777

EEG, slow rhythm (Rus) 23262

eff. of maternal admin. of hormones 31600

eff. of maternal admin. of Salk vaccine on antibody response to neonatal vacc. in inf. (Sp) 13907

eff. of maternal malaria 37681

eff. of position on resp. rate 7864

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

eff. of silver nitrate & boric acid on conjunctiva & microbial flora of conjunctival sac (Cz) 38307

enzyme systems in cerebral tissue (It) 20219

estrogen & progesterone levels at birth, comparison with maternal levels 29002

exchangeable potassium in normal full-term newborn inf. 43514

fluid shifts immediately after birth, relation to re-routing of circ. 36529

gastric proteolytic enzyme form. & elimination in fetus & newborn inf. (Ger) 34133

hydrocortisone prolonged turnover rate 17039

immunol. response to mass vacc. during first months of life (It) 42730

intestinal absorp. in newborn inf. of immune proteins in colostrum, mechanisms, review 20039

intestinal Lactobacillus parabifidus flora (Ger) 33959

liver copper in newborn inf. 35650

metab. & skin circ., eff. of environmental temperature (Ger) 30575

physiol. hyperbilirubinemia during first days of life (Fr) 42732

potassium metab. during surg. (It) 41904

resp., eff. of labor anesth. 35752

resp. physiol. & resuscitation 24893

role of irregular maturation of embryonal structure in form. of grasp reflex (Rus) 12116

skin blood circ., relation to thermoregulation, comparison with premature inf. (Ger) 25192

thermoregulation by cutaneous blood flow (Ger) 30503

thermoregulatory changes of energy metab. (Ger) 30551

vitamin E metab. (Cz) 14853

vitamin K ther., side-eff. (Ger) 34113

***surgery***

anesth. & resuscitation problems (It) 24940

anesth. for major surg. of newborn (It) 42471

death by aspiration of resp. secretions & vomitus, prev. 41078

emergency surg. (Ger) 39532

optimal time & problems (Por) 20246

venous cutdown for parenteral infusions, technic 25512

***urine in***

hippuric acid (Rus) 22652

**INFANT NUTRITION**

***see also*** **MILK**

***see also*** **MILK, HUMAN**

arginine requirements 46538

artif. feeding, adaptation to human milk (Ger) 18281

Bessau's nutrient, eff. on gastric secretion (Hun) 39745

bottle-feeding, disord. 21734

breast & artif. feeding, eff. on ment. develop. of inf. (It) 41905

breast feeding, eff. on weight of newborn (Ger) 49814

breast feeding, follow-up study in Germany (Ger) 15348

breast feeding in transfer of maternal antibodies to newborn, review 7558

breast-feeding, infect. hazard in mastitis (Ger) 29420

breast feeding in New Zealand 52689

breast feeding patterns & frequency in newborn period, statist. 19839

breast feeding practices in U. S., statist. & causes for decline 31601

breast feeding, relation to cancer of breast, statist. 48554

buffalo milk, nutritional value 4215

commercial formulas 16165

contribution of K. Ideal Johnson in inf. dietary products 29331

cow's milk formula (Sw) 43192

demand feeding of newborn inf. in hosp. nursery 7548

dietary supplements of carob flour, eff. on digestion of lipids, growth & incidence of enteritis in premature (It) 29733

dietetics (Fr) 51509

eff. of intermediate protein formula on blood nitrogen 43497

eff. of linoleic acid on caloric intake 50964

eff. of weaning on fecal flora (Ger) 25266

fat balance in prematures fed various types of milk (It) 2970

feeding & nutritional status in Belgian Congo (Fr) 36192

feeding in day-nursery in Morocco (Fr) 18618

feeding of premature inf., use of polyethylene tube (Por) 20245

feeding problems 41013

fish protein feeding to inf. & young child. (Ger) 16382

food supplement containing amino acids, carbohydrates, organic salts & vitamins (It) 18494

honey in inf. feeding, evaluation as allergen 1124

importance of copper 7860

in nurseries (Sw) 32840

in Spain, survey (Fr) 16371

in tropics 27683

intermediate protein formula, eff. on nitrogen retention 43497

lactaria in Brazil (Por) 13808

Lactobacillus bifidus factor in food mixtures & additives to inf. foods (Ger) 47643

linoleic acid requirements in relation to blood levels of unsaturated fatty acids 41228

lysine requirements 46536

nitrate content of vegetables, value (Ger) 34118

nutritional requirements calculated on basis of body surface 5728

nutritional status of Cuban child., review 7563

nutritive value of proteins from different sources in feeding of African child. 5549

problems 4225

problems of proper nutrition in rural Uruguay (Sp) 47836

proteins & protein hydrolysates for premature inf., specific dynamic action (It) 52124

specific nutritional characteristics of Lactobacillus bifidus in intestines of artificially fed inf. 35361

starch supplement in inf. formula, review (Ger) 36430

suitability of meat as food for young inf. (Fr) 16378

time to start breast feeding (Sp) 32447

trends & progr. 7549

unconditioned & conditioned breast-seeking reflexes (Ger) 41605

valine requirements 46537

vitamin B6 metab. in inf. fed condensed milk, fresh milk & human milk (Ger) 28056

**INFANT NUTRITION DISORDERS**

***see also*** **DEFICIENCY DISEASES**

***see also*** **DEHYDRATION**

***see also*** **DIARRHEA**

***see also*** **GASTROINTESTINAL DISEASES, *in infant and child***

(Sp) 44553

chronic (Ger) 3288

duodenal antibact. factor, comparison with normal inf. (Ger) 13088

dyspepsia, antibiotic ther. (Ger) 29480

dyspepsia, duodenal flora before & after antibiotic ther. (Fr) 25489

enteral & parenteral dyspepsia, etiol. & ther. (Cz) 38334

in Australian aborigines 18741

malignant denutrition in young child (Sp) 12012

malignant dystrophy, case report (Sp) 23986

46873

malnutrition in Mexican inf., manifest. & eff. on growth (Sp) 48078

marasmus in 2-year-old Mexican child., comparison with kwashiorkor (Sp) 48087

protracted undernutrition, retarding eff. on appearance of the postnatal ossification centers in hand & wrist 49976

theism in Moroccan child. during weaning (Fr) 42014

toxicoses, progn. (Fr) 7508

***blood in***

glycemia in dystrophy, eff. of bromides & chloral hydrate (Fr) 25446

hypoproteinemia, electrophoresis (Fr) 24285

proteins (Rus) 7903

***diagnosis***

duodenal intubation, technic & value (Fr) 24286

***etiology and pathogenesis***

relation of infect. diarrhea to denutrition, review (Por) 40224

x-ray aspects (Ger) 36168

***manifestations***

3-feeding-bottle test for determ. of possibility of rehydration by oral route, & measurement of diuresis, in toxicoses (Fr) 42005

***metabolism***

amino acid intestinal absorp. in severe malnutrition (Pol) 7811

blood & urine amino acids in toxicosis 17910

glycogen & enzyme activity of liver, in dystrophy (Por) 40230

variations of soluble proteins in feces (Rus) 7908

vitamins in infantile atrophy, clin. studies & review 23746

***physiology***

(Sp) 53939

pancreas, in toxicosis & dystrophy (Rus) 7907

physiopathol. (Sp) 8827

toxicosis (Sp) 1559

***statistics***

in Italy (It) 6349

seq. of toxicoses (Fr) 50778

toxicoses, hosp. statist. & serv. at Roberto del Río Children's Hosp., Santiago, Chile (Sp) 21097

***therapy***

banana flour, results in young inf. (It) 42788

chick embryo extract in dystrophy, eff. on weight & erythropoiesis (It) 39527

chloramphenicol-tetracycline prep. in dyspepsia (It) 3338

coconut oil with sucrose in dystrophy (It) 29126

7-dehydrocholesterol in toxicoses (Ger) 11052

diet, in dystrophy, fat content (Por) 40239

dystrophy, 19-nor-testosterone phenyl propionate (It) 25578

fasting in massive edema & defic. hypoproteinemia, with deintoxication by water & diuresis (Fr) 42013

management 50006

supplementary formula of emulsified vegetable fat (Sp) 31028

tonsil extracts (Fr) 9074

vitamin B1 complex (Fr) 32915

***urine in***

aminoaciduria (Ger) 34102

reducing sugars in toxicoses, determ. (Sp) 16859

**INFANT, PREMATURE**

care & develop. of premature hospitalized in Bologna clinic (It) 29710

care & early progn. (Ger) 11051

care & feeding (Rus) 12163

care & prev. of dis. 53936

care & prev. of dis. (Sp) 53937

care center, installation & management (Ger) 15407

care, comparative eff. of warmth & cooling (Ger) 34109

care, description of 8-unit incubator (Fr) 44708

care in Germany, progn. (Ger) 25265

care in Malaya 18790

care, mobile technical equipment for use in home (Sp) 36850

definition of prematurity & care, feeding & mortal. of premature inf. (Por) 53935

develop. of inf. with birth weight or minimal postnatal weights of 1,000 grams or less 43489

eff. of phys. environment on survival 43528

eff. of prolonged admin. of dietary supplements of carob flour on absorp. & digestion of lipids, on growth & incidence of enteritis (It) 29733

eff. of thermal environment on survival 30423

feeding, use of polyethylene tube (Por) 20245

growth & develop., comparison with maturely born inf. 13418

growth, eff. of oxytetracyclin. hydrochloride (It) 29720

harlequin color change in 30156

incidence of prematurity in Milan, premature clinic statist. (It) 42764

inj. eff. of vitamin K, comparison of water-soluble with fat-soluble prep. (Ger) 47644

language develop. among survivors of premature birth, relation to CNS dysfunct. 46472

long-term survival & develop., statist. (Ger) 4029

management of prematurity with artif. hibernation & chlorpromazine adjuvant (Sp) 300

phys. develop., comparison with maturely born inf. 13419

physiopathol. of premature inf. of less than 1000 gram birth weight (It) 6245

prematurity due to influenza with pleural empyema (Ger) 33948

prematurity in malaria in Nigerian women 2261

prematurity, prev. 10985

prematurity rates in Hawaii 49846

prematurity, relation to cerebral palsy 37675

prematurity statist. in Cape Town, eff. of Asian influenza epidemic 45064

problem of prematurity & mortal. in Canada (Fr) 10679

problems of premature child, staff conf. 41449

progn. for child. of low birth weight 26133

specialized center for rearing of premature inf. in Rome, statist. & activities (It) 25585

survival of inf. 37 centimeters in length & 900 grams in weight born 179 days after conception (Ger) 3241

systematic admin. of antibiotics (Fr) 25484

***blood in***

(It) 25586

antistreptolysin titer of umbilical cord blood (It) 29127

C-reactive protein, determ. (It) 20221
calcium, determ. (Sp) 21125
eff. of monadiol tetrasodium diphosphate on erythrocyte degen. & regen. (Ger) 21621
hematol. & oxymetric values in healthy premature during 1st week of life (Sp) 1819
hyperbilirubinemia, comparisons of white & Negro inf., review 43496
polynuclear basophil count in peripheral blood (It) 35587
potassium, determ. (Sp) 21126
pyruvemia, cocarboxylase ther. (Sp) 8838
transaminases & glycolytic enzymes (Ger) 55510

***diseases***

*see also* HYALINE MEMBRANE DISEASE

*see also* RETROLENTAL FIBROPLASIA

agammaglobulinemia with erythroblastic & aplastic anemias (It) 6244
air-borne infect., prev. in med. center & hosp. (Sp) 23985
anemia, cobalt ther. (Ger) 30059
anemia, etiol. (Cs) 38316
anemia, pathogen. & ther. (Ger) 45938
anemia, ther., honey-milk prep. (Ger) 41595
anemias (Ser) 9948
congen. heart dis., microphthalmia & cataract caused by maternal rubella, case report (It) 42808
convulsions, EEG (Fr) 54084
emphysema, pulm., bullous, with prolonged evolution & spontaneous recovery (It) 42774
esophageal atresia, case reports (It) 2961
esophageal atresia with tracheoesophageal fistula, surg. 50672
hyperbilirubinemia 17542
41789
53507
interstitial plasma cell pneumonia, case report 32492
interstitial plasma cell pneumonia, failure of fluorescence-serol. demonstration of Monilia albicans in lungs (Ger) 46244
jaundice, funct., pathogen. & ther. (Ger) 15426
jaundice, ther., polyvinylpyrrolidone (Ger) 47647
kernicterus, prev. by exchange transfusion 13415
liver rupt. (Ger) 49110
meningeal hemorrh., histopathol. & clin. aspects (Fr) 6944
morbidity in Poland (Pol) 20237
osteomyelitis caused by intramedullary infusions, case reports (It) 42805
pneumonia, interstitial plasma cell, review (Sp) 295
reticulomyelosis, case report (Fr) 30451
Salmonella infect. without diarrhea in premature nursery unit 20257
subphrenic abscess (Fr) 30476
ther., colimycin (It) 52032
thrush 36653

***physiology***

adrenal cortex funct. in first trimester, determ. by uropepsin excretion test (Ger) 25276
carbohydrate metab. studied by determ. of total sugar, galactose & glucose in blood after oral admin. of lactose (It) 20726
comparative eff. of boiled & raw human milk on fecal flora in hosp. environment (Ger) 34115
ECG findings (It) 42787
ECG, QT interval (Ger) 51197
eff. of position on resp. rate 7864
sideroblast & erythroblast count of bone marrow (It) 42781
fat balance in inf. fed various types of milk (It) 2970
galvanic excitability thresholds 24899
heparin tolerance & heparinemia in neonatal period (It) 29734
liver biligenetic & hemopoietic activity, bile pigment concentration & presence of indirect bilirubin 26621
liver funct. immaturity & relation to kernicterus 4216
metab. & skin circ., eff. of environmental temperature (Ger) 30575
oscillographic recording of resp. & pulse, method & results (Fr) 30466
skin blood circ., relation to thermoregulation, comparison with mature inf. (Ger) 25192
skin temperature & tonus & rectal temperature in normal & pathol. cond. (It) 29727
thermoregulation (Fr) 42737
thyroid fixation of radio-iodine (It) 29731

***statistics***

in France (Fr) 53016
incidence of premature deliveries among women with small heart volumes 27098
mortal., phys. & ment. develop. in France, hosp. statist. (Fr) 27719

*INFANT TOXICOSES see* INFANT NUTRITION DISORDERS

*INFANT WELFARE see* CHILD WELFARE

**INFANTICIDE**

in Argentina (Sp) 3342

*INFANTILE PARALYSIS see* POLIOMYELITIS

**INFANTILISM**

pituitary (Sp) 43869
44536
thyrogenic (Heb) 3970

***case reports***

dystrophic, with primary ovarian dysgenesia (It) 3850
in sprue without gastrointestinal manifest. (Nor) 19949
nanism with retinitis pigmentosa & deaf-mutism (Fr) 25496
partial connatal familial nanism (Ger) 34213
with hypoparathyroidism, clin. & pathogen. aspects (It) 36729
with polypi of colon (Fr) 31047

***metabolism***

blood & urinary 17-hydroxycorticosteroids in Debré-Marie nanism with oliguria (Fr) 30461

***urine in***

gonadotropins, pathogen. role of excess (It) 20818

**INFECTION**

*see also* BACTERIA

*see also* FOCAL INFECTION

*see also* SEPTICEMIA AND BACTEREMIA

bact. sepsis in hosp. 6970
causing acute nonclostridial crepitant cellulitis 158
cross-infect., role of hosp. linens 4094
defense mechanism of lymphatic system in bact. infect. (Rus) 33483
drug-resist. in domestic animals 31359
eff. of concurrent infect. & their toxins on course of leukemia, review & case reports 35193
enhancement of bact. infect. by viral infect. (Fr) 8996
hosp., comparison of transm. by wool, cotton & terylene blankets 18390
hosp., importance of fiber composition of hosp. dust in airborne transm. 18391
hosp. infect., sources, spread & prev. 42838
in hosp. due to incomplete sterilization of anesthetic endotracheal tube 40319
in hosp., prev. & control (Ger) 42917
in surg., prev. & ther. 34254
innate resist. of mice, impairment by triiodothyronine 31351
laboratory diag., difficulties in antibiotic resistant febrile infect. (Fr) 5321
low-resist. synd., review 45272
malignant synd. during toxinfect., relation to autonomic NS (Fr) 44770
metab. reaction to infect. dis., review 53001
natural resist., role of properdin (Fr) 49645
natural resist., role of properdin system, review (It) 3879
non-specific resist. to infect., review (Ger) 18330
of surg. wds. 41430
postop., prev. with antibiotics (Fr) 39850
postop., prev. with antibiotics (Ger) 39853
postop., prev. with antibiotics, case reports & review (Ger) 39851
relation to allergy, review 19905
resist., phylogeny (Ger) 52253
test for heterogeneity of host resist. in dilution assays 17391
tests of exertion ability in convalescents of benign infect. (Dut) 184
transm. by defective syringes in mass vacc., prev. (Ger) 33906
wound infect. in surg., prev. & ther., review 18669

***blood in***

leukocyte sedimentation rate in septic infect. (It) 6897

***cerebrospinal fluid in***

C-reactive protein (It) 3848

***etiology and pathogenesis***

allergy, review (Rus) 55182
local prednisolone ther., case reports (Ger) 55708
lymphatic leukemia, relation to agammaglobulinemia (Fr) 29143
predisposition to infect. in chronic lymphoid leukemia with hypogammaglobulinemia (Fr) 32206
relation to diabetes mellitus 54532

***experimental***

anaerobic, histopathol. reactions (Rus) 37230
antiinfect. properties of malucidin in laboratory animals 5185
bactericidal eff. of N1-(2,6-dimethoxy-4-pyrimidinyl)-sulfanilamide in mice 31422
behavior of freeze-dried arterial homografts & synthetic prosth. in infected sites & contaminated wds. in dogs 54752
differential eff. of hog gastric mucin on properdin & host resist. to bact. infect. 40450
eff. of 5-androstene-3β-ol-17-one on resist. of rat to infect. (Ger) 34171
eff. of bact. inoculation on fresh & autolyzed dent. pulp (Ger) 55694
eff. of bact. levans & lipopolysaccharides on biol. processes in infect. in mice & rabbits 37570
eff. of colimycin (It) 52046
eff. of colimycin with tetracycline (It) 52044
eff. of cortisone on resist. in mice (Ger) 33980
eff. of radiations on exogenous infect., review (Rus) 32490
eff. of sulfanilamide & 4,4'-diaminodiphenyl sulfone in rats & mice (Fr) 13052
eff. on glucose metab. in rats treated with cortisone (Fr) 26727
eff. on iron metab. in rabbits (Ger) 21620

***in infant and child***

causing anorexia, ther., vitamin B12, eff. on blood (Fr) 33393
cross infect. in newborn inf. in hosp. ward, prev. (Pol) 39641
gamma globulin levels 19872
histopathol. exam. of frozen section for diag. of intrauterine bact. infect. in newborn inf. 41258
hosp. cross-infect., air-borne, in burns unit for child. 16051
kanamycin in bact. infect. 25029
multiple, in 3-year-old child with third degree malnutrition & acute electrolyte balance disord. (Sp) 48088
pepsinogen in blood in acute infect. 23509
relation to intestinal bact. changes in kwashiorkor 18396
secondary, caused by long-term antibiotic ther. (Pol) 7823
soft-tissue infect., ther., novobiocin-tetracycline prep. 25129
superinfect. after measles, prev. by antibiotics 41257
ther., antibiotics 20507
ther., combined penicillin G, streptomycin & dihydrostreptomycin in common infect. (Sp) 9683
ther., combined sulfonamides, benzathine penicillin G & procaine penicillin G (Ger) 6019
ther., 3-sulfanilamido-2-phenylpyrazole (Ger) 39075
ther., synergistic antibiotic combinations (Sp) 9690
ther., tetracycline & vitamins (It) 42799
with anemia, ther., cobalt (Pol) 30394

***metabolism***

iron (Ger) 38959

***pathology***

nasal mucosa ground substance changes, comparison with normal cond. 1193

***physiology***

adrenal cortical funct. & hydrocortisone metab. in shock due to infect., comparison with healthy adults 40696
eff. on synthetic arterial transpl. 46518
1st response to local infect. 18380
increased vasc. permeability in infect. demonstrated by simultaneous measurement of blood volume by Evans blue & dextran 38622
mechanisms in activation of infect. processes, review 7950

***prevention and control***

air-borne resp. infect., prev. with face masks 52804
bact., hist. (Sp) 3323

***therapy***

ACTH & adrenal cortex hormones 19913
ACTH & adrenal cortex hormones as adjuvants (Sp) 3326
adenylpyrophosphate with adrenal cortex extracts in toxinfect. (It) 3724
adrenal cortex hormones, indic. & contraindic. (Ger) 3267
antibiotics in bact. infect., indic. & dos. (Sp) 49163
antibiotics in purulent dis., abscesses & infected wds. (Rus) 5946
antibiotic mixture combined with bact. hydrolysate, results (Fr) 53382
antibiotics, uses & abuses (Sw) 10168
bact. infect., develop. of resist. to drug ther. (Ger) 39082
benzathine penicillin G with potassium penicillin G (Por) 47300
chloramphenicol-tetracycline prep. (It) 3339
chloramphenicol-tetracycline prep. (Sp) 3343 6598 6602 9684 15518



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

colimycin with penicillin in surg. infect. (It) 6814
cortisone & deriv., indic. & contraindic. (It) 35161
infected wds., ionozone ther. (Fr) 36516
kanamycin in resist. bact. infect. 25033
kanamycin in surg. infect. 25031
mesoinositol-prednisolone-methylandrostendiol prep. in tonic ther. (It) 39524
oleandomycin-oxytetracycline, clin. evaluation (Sp) 51660
oleandomycin with tetracycline in common infect. in GP 53293
pancreatic enzyme prep. in infected wds., local admin. 867
routine antibiotic-sensitivity tests as ther. guide 36346
3-sulfanilamido-6-methoxypyridazine, clin. trial 4183
3-sulfanilamido-2-phenyl-pyrazole (It) 52067
52068
tetracycline phosphate & citric acid complex (Ger) 22748
tetracycline, value of adjuvant vitamin B complex (It) 39507
tetracycline with oleandomycin (Sp) 18855
39104
triacetyl oleandomycin in various infect. 1278

*INFECTIOUS ABORTION see* BRUCELLOSIS

*INFECTIOUS DISEASES see* COMMUNICABLE DISEASES

INFECTIOUS MONONUCLEOSIS

(It) 20989
diag. & ther. (Fr) 29205
diag., liver funct. tests & prednisone ther. 12308
etiol., pathol. & epidemiol. 2272
review (Fr) 49643

***blood in***

complement fixation antibodies (Ger) 6079
hematol. changes, diag. significance (Ger) 27446
virocytes or atypical leukocytes in peripheral blood, possible viral origin (It) 14521

***case reports***

with hepatitis & purpura (Fr) 54029
with Hodgkin's dis., hematol. & serol. data (Fr) 35156
with jaundice & thrombopenia caused by circulating platelet-agglutinin, cortisone ther. 18443

***complications***

acute resp. obstruct. 41057
keratitis, case report (Fr) 26359
meningoencephalitis, incidence, diag. & ther. (Sp) 6605
purpura, thrombopenic (Dan) 10608
rupt. of spleen (Fr) 53435
splenic rupt., case report 55139

***diagnosis***

laboratory methods 20474
hematol. & serol. findings 13160
ox cell hemolysin test, comparison with heterophil agglut. test 17588
thymol turbidity reaction (Ger) 46801

***differential diagnosis***

from massive tumor of nasopharynx & cervical adenitis, case report 17630
hemochromatosis, case report (Fr) 21746

***epidemiology***

in Korea, 1st cases (Bul) 32795

***in infant and child***

with viral pneumonia, case report (It) 52122

***manifestations***

clin. features (Ger) 11218
in adults (Ger) 42939
resp. (Pol) 53138
sympt. of infect. mononucleosis suggested by allergy to phenobarbital (Ch) 36384
unusual manifest. 37543

***physiology***

liver funct., determ. by thymol-veronal test (Rus) 53045

***therapy***

prednisolone 47519

INFLAMMATION

antiphlogistic drugs, eff. on ultraviolet-induced erythema in guinea pigs 13455
bones as models for studies on inflamm. (Ger) 34019
inflamm. origin of pain in arthrosis (Fr) 50353
latent cell theory & Cohnheim's concepts, criticism (Ger) 55650

***blood in***

C-reactive protein, diag. value in inflamm. dis. (Fr) 9646
fibrinogen (Ger) 22961
hexose mucoproteins, correlation with blood protein electrophoresis (Nor) 19947
protein & leukocytes, review (Ger) 39898

***experimental***

activation of proteases in inflamm. in guinea pigs (Ger) 39922
anti-inflamm. eff. of counter-irritants, mechanism of action 35819
anti-inflammatory synergism of prednisone & isoniazid 24811
antiphlogistic eff. of biphenylacrylic acid amino esters (It) 49408
antiphlogistic eff. of emetine (Cz) 38244
antiphlogistic eff. of Ilidža water (Ser) 51689
antiphlogistic eff. of phenylbutazone in edemas induced by various chemicals in rat paw (Ger) 36931
antiphlogistic eff. of trypsin & trypsin-antag. (Cz) 38243
aseptic, eff. of internal beta & external x-irradiations (Rus) 7783
causing reflex disord. of internal organs, eff. of various agents in animals (Rus) 7796
contraction of collagen fibers in rat-tail tendon 28970
demonstration of role of mediators in turpentine pleurisy in rats by exper. suppression of inflamm. changes 51014
determ. of anti-inflamm. action of protamines by granuloma pouch technic in rats (It) 13951
eff. of acute hypoxemia (Ger) 41896
eff. of age on biochem. reactions 27573
eff. of alloxan diabetes on acute inflamm. 4675
eff. of analeptics (Cz) 48609
eff. of artif. pneumoperitoneum on inflamm. reaction induced by thermal burn in rabbit ear, neurol. significance (Rus) 13849
eff. of aseptic inflamm. on site & growth of mouse mammary carcinoma in C3HA strains (Rus) 48022
eff. of bact. levans & lipopolysaccharides on biol. processes in inflamm. in rats & rabbits 37570
eff. of demecolcine, podophyllotoxin & urethane (Cz) 38245
eff. of glycyrrhetinic acid & its deriv. 17952
eff. of hyperoxia (Fr) 38756
eff. of medicated sleep in monkeys & rabbits (Rus) 45100
eff. of proliferative inflammatory process on growth & pathogen. of 9, 10-dimethyl-1, 2-benzanthracene-induced cancer (Rus) 43084
eff. on lymphatic system in splenectomized & adrenalectomized rats (Ger) 47906
induction by diphtheria toxin in guinea pigs, antag. eff. of papain, salmine & thymus histone (It) 37305
inflamm. reaction to homografts, cond. for elimination in rabbits 29873
method for measuring anti-inflamm. activity of drugs (Fr) 32934
sequence of vasc. events in early infective inflamm. in guinea pigs 5672
status of lymphatic capillaries of ear in acute inflammatory lesions of mouse & guinea pig 5673

***physiology***

assoc. of biologic factors with one or several cytol. constituents of injured cells 704
transm. of inflamm. processes in histamine-free skin (Ger) 46637

***therapy***

ACTH & cortisone in inflamm. infiltrations in surg. dis. (Pol) 53147
antiphlogistic prep. pyophagept & Bacillus subtilis filtrate subticetin (Ger) 42403
N, N-diethylleucinon-p-aminobenzoic acid methanesulfonate-balsam ointment prep. for painful & inflammatory lesions in surg. (Ger) 34542
hydrocortisone, comparison with 9α-fluoro-16α, 17α-isopropylidenedioxy-1, 4-pregnadiene-11β, 21 diol-3, 20-dione 28346
16α-methylcorticosteroid cpds. (Sp) 32428
papain, buccal admin. 36339
streptokinase 20152
streptokinase (Ger) 51851

***urine in***

Donaggio phenomenon based on determ. of urinary mucoproteins (Fr) 24784
mucoproteins, determ. (Fr) 54126

INFLUENZA

Asian (Sp) 9756
Asian, bacteriol. & histopathol. of resp. tract in fatal cases 41790
Asian, causing sudden death (Ger) 27138
Asian, epidemiol. & serol. (Ger) 55488
Asian, epidemiol., clin. & prev. aspects (It) 1099
Asian, in diabetics, incidence & eff. (It) 29642
Asian, review 8336
Asian, review (It) 9358
clin. picture and ther. 51203
epidemiol. & statist. (Ger) 49057
etiol. classif. (Sp) 9755
hist. & epidemiol. in Finland (Fin) 54495
in allergic patients, clin. aspects 26103
manifest. & laboratory diag. 21526
morphogenesis (Rus) 33473

***blood in***

coagulation & prothrombin time (Rus) 45211
nuclear changes in peripheral blood cells with influenza A Asian virus infect. & inoculation 40933
proteins, in Asian type $A_1$ Singapore '57 (It) 11957

***complications***

20592
A, causing myocarditis (Dan) 33388
acute ciliary ganglionitis with Argyll-Robinson synd. (Ger) 19761
anemia, hemolytic, auto-immune, in Asian influenza (It) 21004
arachnitis & arachno-encephalitis, arachnoid calcifications as seq. (Rus) 55308
Asian, causing epidemic encephalitis with ophthalmoplegia totalis (Nor) 10375
Asian influenza causing appendicitis (Sp) 44515
Asian, postinfluenzal ment. disord. (Sw) [illegible]19
Asian, with asympt. myocarditis in military personnel (Sw) 32976
bronchopneumonia & pleurisy in Asian virus A influenza (Ger) 11152
bronchopneumonia, incidence in 1957 epidemic in Milan (It) 52932
bronchopulm. dis. (Sp) 8913
bronchopulm. dis., bacteriol. (Sp) 8914
bronchopulm., in Asian influenza 9587
cardiac disord. during 1918-1920 pandemic, review 24995
cardiovasc., in Asian A influenza 1160
diabetes insipidus (Rus) 31161
encephalitis (Nor) 45413
encephalitis (Sp) 8814
encephalitis & catatonic synd. caused by Asian influenza A 57, clin. & EEG aspects (Fr) 9137
encephalitis & myelitis in Asian influenza (Ger) 47499
encephalitis & psychoses caused by Asian influenza 14673
encephalitis caused by Asian influenza (Fr) 9131
11987
encephalitis of mesencephalic type with cerebellar seizures, case report 27328
encephalitis, ther., chloramphenicol-tetracycline prep. (Sp) 15481
epilepsy caused by influenza virus A, Singapore strain (Fr) 44753
eye dis. (Ger) 22935
glomerulonephritis, in Asian influenza, cases in Cremona, Italy (It) 1995
heart dis. & other compl. of Asian influenza in Tennessee, statist. 18110
in Asian influenza epidemic (Ger) 33903
in 1957 epidemic (Heb) 3959
laryngeal edema, acute (Ger) 22780
lung abscess with hemoptysis, ther., spiramycin, case report (It) 15894
lung dis. & pleurisy, manifest. & virol. (Fr) 43741
macular lesions of vasc. origin 26071
meningoencephalitis in Asian influenza, case reports (Fr) 44740
nephropathy, pathol. & case reports (Rum) 6584
neurol. & hepatic disord., clin. & post-mortem pathol. 26102
neurol. compl., clin. aspects (Rus) 46344
neurol., in Asian influenza & other neurotropic virus dis. (It) 1998
neuropsychiatric disord. in Asian influenza, case reports (It) 25692
1957 epidemic of viral influenza, comparison with former epidemics (Ger) 6689
pericarditis, viral, case reports (Fr) 37912
peripheral nerve dis. (Ger) 19760
pneumonia 26101
26114
33067
pneumonia (Rus) 51215
pneumonia, acute (Rus) 51214
pneumonia, fulminating (Dan) 43224
pneumonia, fulminating (Ger) 55646
pneumonia in mitral stenosis 46612
pneumonia, lung abscess, pleural effusions & other pulm. changes 37636
pneumothorax, spontaneous caused by Asian influenza, case reports 9820
psychoses caused by Asian influenza, case reports (Por) 40221
psychoses, in 1957-58 epidemic (Ger) 25383

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

pulm. 50468

pulm. infect. complicating Asian influenza 46434

pulm. tuberc. & interstitial plasma cell pneumonia in 67 year old male (Ger) 23121

reaction after antitularemia vacc. (Rus) 10892

sinusitis, rhinogenic meningitis & postop. brain abscess (Ger) 23029

spontaneous pneumothorax (Ger) 11002

staphylococcal cavitary pneumonia, case reports (It) 25698

trypanosomiasis with Asian influenza in Africans (Fr) 43037

unusual cardiovasc. compl., ECG & x-ray manifest. (Fr) 43752

***diagnosis***

sub-clin. forms (Rus) 22706

viruses in conjunctival secretions (Rus) 22703

***differential diagnosis***

polio. (Rus) 46345

Q fever, pseudoinfluenza synd. in Dakar (Fr) 54030

***epidemiology***

21525

(Ger) 29443

A, intrahosp. epidemic, clin. & serol. aspects & vacc. efficacy 50467

A1, in Russia (Rus) 34652

A-prime strain in university students in U. S. 10048

A virus influenza epidemic in Greenland, 1957-58 (Dan) 45528

antibodies against Asian influenza virus in sera collected before 1956 (It) 9936

antibodies against Sendai virus in Leningrad population (Rus) 22704

antibodies in blood of adults of province of Ferrara (It) 25688

antibodies in blood of child. in Catania (It) 9367

Asian 16333

Asian, at W. Virginia University & surrounding area 10977

Asian/Far East, in Italy (It) 37308

Asian, future trends 2214

Asian, in Brit. soldiers 41417

Asian, in Denmark (Dan) 10642

Asian, in Germany (Ger) 374 6679 12090 24329 39864

Asian, in Gt. Brit. 53506

Asian, in Greenland (Dan) 45527

Asian, in Hungary, epidemic in 1957 (Hun) 7696

Asian, in Italian army (It) 37646

Asian, in Italy (It) 1991 1992 1994 1997 1999

Asian, in nurseries near Tokyo 16455

Asian, in Russia (Rus) 33472

Asian influenza epidemic, absenteeism of Norwegian school child. (Nor) 22243

Asian influenza in Boys Town, Nebraska 52470

Asian, influenza in Israel 50049

50057

50058

50059

Asian influenza in Turkey (Tur) 22371

Asian influenza in U. S. 1158

Asian influenza in U. S. armed forces personnel 45550

Asian influenza outbreak in U. S. Marines in Okinawa in 1958 50191

Asian, 1957 epidemic (Dan) 45526

Asian, 1957 epidemic in Norway (Nor) 43226

Asian, 1957 pandemic (Dut) 43043

Asian, past & future epidemics 52602

Asian type among Fr. military personnel in Germany (Fr) 21254

clin. epidemiol. 1159

in Brit. Naval personnel stationed in Hong Kong & Singapore 41431

in China 28397

in Czech. (Cz) 38167

in France, eff. on psychiatric hosp. populations (Fr) 36129

in Germany (Ger) 12091 15328 34065 33912

in Glasgow area 48341

in India, 1957 epidemic 5175

in Italy, etiol. & serol. data (It) 37307

in military personnel in Switzerland (Ger) 45780

45784

in Morocco, eff. on rate of absenteeism of phosphate miners (Fr) 6388

in Spain (Sp) 5953

mortal. in Finland (Sw) 43225

1957 epidemic, atypical forms (Ger) 44303

1957-58 epidemic in Sweden (Sw) 43227

1957 pandemic 53505

on U. S. college campuses, management of mass epidemic 21985

panel discussion 37824

study in group of Cleveland families 554

555

***experimental***

A, lung histopathol. in mice infected with mouse-adapted & non-adapted strains (Rus) 33649

eff. of myxoviromycin in mice 4337

eff. of penicillin, streptomycin & sulfathiazole on pulm. changes in mice (Pol) 29518

eff. of sound stimuli on infected mice (Rus) 52987

in swine, with Ascaris suum infect., mortal. 4649

pathogenicity & resist. of organism to infect. by viruses of A-FE group (Cz) 38165

strain A-Sing 57, attempted transm. to swine 28398

swine influenza, comparative histopathol. with virus pneumonia 12751

***immunology***

acquired immun. (Ger) 6688

antibody response to Asian influenza vacc. in man 31319

antibody response to vaccine in child. with nephrosis, eff. of cortisone 43513

antibody titers against type B & Far East strains in Czech. (Cz) 14796

Asian, complement fixation reaction in young child. (Ger) 15390

Asian influenza vaccine, antibody response to intradermal booster inoculation 7267

Asian, micro-complement fixation reaction (Ger) 55489

complement-fixation & hemagglutination inhib. in vaccinated & unvaccinated subjects, comparison 22911

complement fixation reaction & inhib. of hemagglut. in acute phase of influenza (It) 9355

complement fixation test with allantoic fluid antigen, inability of antigen to distinguish between Asian & other recent type A influenza virus infect. 17582

complement fixing antibody determ., method & results (Ger) 25261

eff. of Hemophilus influenzae vaccine trial on incidence of chronic bronchitis in male factory workers 48297

eff. of metals on hemagglut. by influenza virus vaccine 40909

Francis inhibitor of influenza virus hemagglut. in rabbit serum fractions obtained by starch-grain electrophoresis 25964

first reaction & serol. study of Toulouse epidemic of 1956 & 1957 (Fr) 10406

immune specific antiserum, prep. (Cz) 2771

local allergic reaction of previously vaccinated skin during Asian influenza 4380

recall phenomenon in antibody response to influenza vaccines 40899

review 4197

serol. studies on Italian epidemic (It) 13928

v, S & L antibody determ. in antisera by complement titration (Ger) 34079

virus phase determ. by division of agglut. titer of influenza antigen with chicken erythrocytes by agglut. titer of same antigen with human erythrocytes (Sp) 29542

***in infant and child***

A2, causing brain dis. (Rus) 34790

A2, clin. manifest. (Rus) 53040

Asian, virol. (Fr) 33930

causing encephalitis, review 5708

cerebral manifest. in Asian influenza, case reports (Fr) 41914

histopathol. (Rus) 53042

manifest., compl. & ther. (It) 1996

pathogen. & compl. of Czech. epidemic (Cz) 38311

psychol. compl. (Fr) 53021

recur. phases (Rus) 53041

serodiag. (Ger) 25284

tracheotomy in resp. disord. 48338

with influenzal croup & croup in acute catarrh of upper resp. tract (Rus) 7892

***in pregnancy***

Asian, caused by virus of Singapore A 1/57 type, virol. aspects (It) 53859

Asian influenza, eff. on rate of fetal & neonatal deaths & premature births, in Cape Town 45064

management & eff. on fetus (Sp) 224

with pleural empyema & prematurity (Ger) 33948

***manifestations***

auscultatory mediastinal findings 7448

dent. pain during Asian influenza 18074

ECG in Asian influenza (It) 21005

ment. sympt. in Asian influenza (Nor) 45420

ocular, in Asian influenza (It) 25971

***pathology***

Asian (Heb) 3960

Asian, CNS changes 28603

***prevention and control***

A2, vaccine for intranasal admin. (Rus) 33655

Asian, in Iowa, comparison of intradermal & subcutaneous vacc. 17536

Asian influenza immun. program at General Electric, eff. on absenteeism 4241

Asian influenza, vacc. trials in military personnel 1161

Asian influenza vaccine, comparison of subcutaneous & intradermal admin. 19820

Asian type A, indust. immun. program 40119 40120

efficacy of Asian influenza vaccine 45559

in Canada by isolation of students in boarding-schools (Fr) 10676

in Gt. Brit., statist. 21527

in indust., employee immun. program 40110

in indust. med. serv. (Ger) 29455

in Italian Navy (It) 1098

in Russia (Rus) 45250

mass immun. with monovalent influenza virus vaccine 1277

quadrivalent vaccine, efficiency 14660

vacc 21528

vacc. (It) 42621

vacc. (Rus) 22705

vacc., appar. for mass application (Rus) 33660

vacc., eff. of patient's age & schedule of vacc. on antigenic response 559

vacc., in adults, results in Cremona, Italy (It) 1993

vacc. in Asian influenza 45568

vacc. in Asian influenza, evaluation (Fin) 27294

vacc. in 1957-58 epidemic in Sweden (Sw) 43228

vacc. in U. S. 5988

vacc., research 5804

vacc., results, statist. 51616

vacc., Type A Asian influenza vaccine evaluation in indust. population of Canada 38011

vaccine, monovalent, type A Asian strain, AMA council report 4468

vaccines, effectiveness during epidemic of Asian influenza 30130

vaccine evaluation (Cz) 38166

work of Academy of Med. Science in Russia (Rus) 33464

***statistics***

clin. statist. 5176

in U. S., mortal. in 1957-58 Asian influenza epidemic 8448

incidence according to age 26104

maternal mortal. during 1957 Asian influenza epidemic in New York City 12405

***therapy***

antibiotics (Sp) 15531

chloramphenicol (Rus) 51212

Echinacea purpurea extract (Ger) 51873

irgapyrine (Ger) 32175

tetracycline, acetylsalicylic acid & vitamin P with vitamin C, comparison 1283

## INFLUENZA VIRUSES

A, inflamm. induction & pyrogenic properties (Ger) 34117

A, isolation from influenza patients with pulm. compl., characterization of isolates with quantitative comparison of isolation methods 50469

A, causing increase in resp. of chicken erythrocyte (Ger) 34100

A, variability, relation to world epidemic in 1957, review (Rus) 22692

antigenic structure & mechanism, significance in influenza immun. & vacc. (Hun) 7695

antigenicity of inhibitor of influenza virus strain A/Asia/57 50593

Asian strain of type A, characteristics 31318

B variant, eff. of environmental factors on enzymatic characteristics 17249

biol. properties of Far East influenza virus 17479

drying & prolonged preserv., protective media (Rus) 22707

filamentous forms, electron microscopy 49380

inactivation of chorionic gonadotropins (Ger) 28951

inhibitors in human & animal sera, destruction by Pseudomonas fluorescens culture filtrates 24213

inoculation into rabbit cornea causing morphol. & funct. changes in endothelium 37585

interference between active & inactivated viruses in chick embryo 10862

10863

interference reaction (Cz) 2777

isolation (Por) 38595

nucleic acid in Ryan filamentous strain 5083



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

receptor-destroying enzyme, inactivation of chorionic gonadotropins (Ger) 28951

Ryan filamentous strain, biol. & phys. properties 5082

transplacental penetration in animals (Rus) 22708

type D, staining, Herzberg technic (Ger) 32310

*culture*

A virus growth in cultures of mouse embryo lung cells 37573

A virus, optimal cond. for amniotic infect. for primary isolation 25781

adsorption by nerv. substance of chick embryo 7751

amino acid & glucose uptake in cells of de-embryonated egg infected with influenza virus B 40838

antibacterial activity of allantoid fluid of embryonated eggs infected with influenza virus 41979

Asian strains in chick embryo allantois, variability (Pol) 53209

cyclic multiplication in tissue cultures 23762

detection & titration in cell cultures 9558

dose-response relation between viruses & surviving allantois 40896

eff. of algal polysaccharide on chick embryos infected with influenza B virus or with resist. variant 44959

eff. of coenzyme I on virus growth in embryonated eggs (It) 37303

gradient elution from anion exchange resins & biol. difference between 3 components obtained from PR8 strain 45823

hemadsorp. in tissue cultures infected with influenza virus, electron microscopy 45830

infectivity of viruses in allantois of intact eggs & surviving allantois-on-shell, comparison 40897

isolation from tissue cultures (Ger) 11192

type D virus in human embryonic tissues 46774

*effect of drugs on*

cortisone on ATPase activity at different stages of develop. (It) 37304

2-desoxy-D-glucose inhib. of multiplication 52461

2,2'-diamino-4'-hydroxyacetophenone deriv. in vitro 48228

Eucalyptus viminalis extract (Rus) 36359

formaldehyde - lactose prep., inactivation in vitro (Ger) 36921

formaldehyde on infectivity of viruses, cond. & mode of inactivation 23785

oral antiseptics on viruses in vitro (Ger) 13653

seaweed extracts, protective eff. on infected chick embryos 44082

2-thiouracil inhib. of virus synthesis 22591

3,4-xylidine & its deriv., relation of chem. structure to biol. activity 48232

*immunology*

antigenic analysis by complement fixation, prod. of antisera to strain-specific V antigens in guinea pig 40901

antigenic analysis by complement fixation, rapid identification of new isolates 40902

antigenic structure of strains isolated in Hungary in 1957 23783

Asian A, hemagglut. (Ger) 32309

Asian strains, serol. characterization (Ger) 46567

assay method for neutralizing antibodies 17400

eff. of intravenous inject. of type A virus on Shwartzman phenomenon in rabbit (Fr) 26778

hemagglut. (Por) 16123

hemagglut. & tendency to cling to glass produced in erythrocyte suspensions by influenza virus & ferric chloride, comparison 19669

hemagglut., culture technic (Por) 16154

hemagglut.-inhibiting antibodies against Far East influenza virus, thermolability & reactivation 24214

hemagglut., new inhibitor & erythrocyte receptor substances for certain Asian strains 52375

hemagglutinin inhibitors & growth inhibitory substances against influenza viruses found in animals, characteristics 10396

inhib. of hemagglut. caused by influenza viruses, enzymatic mechanisms (Por) 21073

β-inhibitor, biol. & physicochem. properties & differences from α-inhibitor, immune serum & properdin 10397

receptor destroying enzyme, optimum cond. for action on erythrocytes & ovomucin 10398

receptor destroying enzyme, prod. & purification 10393

specificity of complement fixing antigens in allantoic fluids infected by influenza virus (Ger) 34456

typing of Q-phase of Asian influenza by serum-neutralization tests in monkey kidney cultures 18375

variations in antigenicity of Asian strains 31406

INFRARED RAYS

absorp. spectra of lactobacilli, value in bact. classif. 5087

infrared photography in legal medicine (Fr) 47432

*effects*

on Bacillus megatherium, differentiation of strains 40848

on pain threshold after ther. application 1480

stimulation of warmth sense organ in man, comparison with microwave rays 16825

*therapeutic use*

comparison with microwave & ultrasonic ther. (Fr) 41411

INFUSIONS, PARENTERAL

(Sw) 54796

choice of liquids in child. (Ger) 41603

chronic catheterization of carotid & vertebral arteries for determ. of eff. of drugs on CNS in cats 20724

osterm. of fluid dos. for surg. patients (Rus) 5960

dose calculations by use of body surface area (Sp) 44555

drip-feeding for 3 months in post-traum. coma, case report (Fr) 427

emulsions containing neutral fats & soybean phosphatides, eff. on erythrocyte sedimentation rate, in dogs 325

enteral drip infusions in child., indic. (Ger) 6021

fat emulsion as caloric supplement in surg. patients, review 54778

fluid ther. 22584

fluid ther. in child., physiol. basis for estimating requirements, review 53995

fluid ther. in burns, inj. & shock in child., review 53003

fluid ther. in child., solutions & technics, review 53013

fluid ther. in congestive heart failure in child., review 53009

fluid ther. in dehydration due to adrenocortical failure in child., review 53007

fluid ther. in diabetic acidosis in child., review 53999

fluid ther. in diarrhea & vomiting in child., review 53998

fluid ther. in newborn, review 53004

fluid ther. in renal dis. in child., review 53000

fluid ther. in surg. cond. in child., review 53002

intra-arterial forced in agonal states (Rus) 32522

intravenous insertion of polyethylene tubing 38037

nutrition of surg. patients (Por) 44442

parenteral feeding in surg. patients, fluid, electrolyte & nutritional requirements 6965

phlebolysis through internal saphenous vein using polyethylene tube (Sp) 31000

postop. parenteral fluid ther., simplified plan 14646

prolonged intra-arterial or intravenous infusion in unrestrained animals, method & appar. 12014

use of dextran as infusion fluid 37798

venous cutdown, in newborn, technic 25512

*apparatus and instruments*

constant-rate infusion appar. 55007

*complications*

edema of intestinal wall caused by parenteral infusions in surg., ther. (Ger) 49678

fluid ther. compl. in child. with neurol. dis., review 53010

hypodermoclysis in inf. 38047

intravenous infusion causing air embolism 52686

osteomyelitis in premature inf. caused by intramedullary infusions (It) 42805

pneumatic hazards of venipuncture & intravenous ther. 54726

thrombophlebitis, in infusion ther. of esophageal stenosis, prev. with hydrocortisone (It) 9204

*effects*

intra-arterial & intravenous infusion on circ. in hemorrh. shock in dogs (Ger) 11205

intravenous amino acids on nitrogen balance in various pathol. cond. (Fr) 54900

INHALATION THERAPY

*see also* AEROSOLS, *therapeutic use*

*see also* OXYGEN, *therapeutic use*

comparative eff. of bronchodilator agents, clin. study 564

hist. 27087

in thoracic surg., value & technic (Ger) 11425

indic. & limitations (Ger) 53904

*in various diseases*

emphysema, 95% oxygen-5% carbon dioxide mixture in patients in chronic cor pulmonale stage, eff. on ventilation & pulm. circ. (Fr) 47753

trichloroethylene pois. in child, induction of hyperventilation by oxygen with carbon dioxide (Fr) 2476

trypsin inhalation in chronic bronchitis (Ger) 42332

INJECTIONS

*see also* INFUSIONS, PARENTERAL

*see also* SYRINGES

eff. of insertion of needles into brain on EEG in cats 327

hist. develop. in army med. serv. (Ger) 30623

intracardiac technic for inject. & bleeding of newborn mice & rats 31416

intramusc., improved technic (Ger) 3277

intramusc., technics & hazards (Ger) 18941

device & technic for multiple intravenous inject. in mice 33868

35666

penile intravenous inject. in rats (Ger) 30570

pharmaceutic & ther. incompatibilities in drug mixtures in inject. syringes (Ger) 55378

requirements for suitable amount of bacteriostatics in inject. to prevent growth of microorganisms 41300

self-depression of subcutaneous absorp. of drugs due to release of histamine by inject. trauma 7163

skin fragments removed by inject. needles, clin. implications 28964

subclavicular, method & compl. (Fr) 54161

testing of pharmaceutical solutions in ampules for disintegration products produced by sterilization (Ger) 43598

tourniquet for intravenous inject. (Ger) 19448

INK

gentian violet ink causing caustic erosion of eye (Ger) 15404

*INOSINE see* NUCLEOSIDES AND NUCLEOTIDES

INOSITOL

analysis of products formed after mild oxidation, chromatography (Fr) 1054

*effects*

on penicillin G biosynthesis by mycelial suspensions of Penicillium chrysogenum 49387

prev. of lipophanerosis of liver in dogs (Ger) 49687

*in urine*

excretion in diabetes mellitus (Fr) 3080

excretion in diabetic, nephritic & nephrotic patients (Fr) 26305

*metabolism*

differences in requirements of cultures of HeLa, conjunctival & amnion cells 31312

Saccharomyces cerevisiae, eff. of x-rays (Rus) 51932

*related compounds*

inositol phosphatide, composition (Fr) 26318

inositol phosphatide, enzymic synthesis 28243

inositol phosphatide fraction of soybean, eff. on blood lipids & lipoproteins in vivo & in vitro 16819

inositol phosphatide from peanuts, structural analysis (Fr) 26340

inositol phosphatides in bovine brain & soy bean (Ger) 47932

inositol phosphatide isolation from heart musc., technic (Fr) 26317

inositol phosphatide of liver, determ. of organ-specific antigenicity (Ger) 33970

inositol phosphatide, structural analysis (Fr) 26339

inositolhexa-acetate ther. of liver dis., eff. on blood lipids (It) 39317

methyl ethers of inositols, determ. in various plants (Fr) 48808

*therapeutic use*

hypercholesteremia, with choline & polysorbate 80 42026

in cardiotrophother. in pregn. (It) 53681

inositol phosphate-prednisolone-methylandrostendiol prep. in tonic ther. of patients of infect., chronic dis. & rheum. arthritis (It) 39534

INSANITY

*see also* PSYCHOSES

concept of recovery from ment. dis. in relation to penal imputability (It) 6918

criminals pleading insanity, problems concerning M'Naghten rule for psychiatrists as expert witnesses 24815

Emperor Caligula's insanity, med. & hist. factors 6446

evaluation of reasoning capacity & disord. of reasoning capacity (Fr) 256

Ezra Pound case as demonstration of conflict between political & psychiatric viewpoints 24818

fear of insanity 47193

hist. in Russia (Rus) 34835

legal aspects of institutional care of ment. disord. (Ger) 55394

legal protection of psychiatric patients (Cs) 48642

medicolegal determ. (Sp) 31036

ment. patients criminally dangerous to society, security measures & medicolegal aspects under Italian law (It) 31693

## INSECTICIDES

*see also* BENZENE HEXACHLORIDE
*see also* CHLORDAN
*see also* DDT
*see also* ETHYLENE OXIDE
*see also* PARATHION
*see also* PHENOTHIAZINE
*see also* PHOSPHATES
*see also* PYRETHRINS

annotated bibliog. (Rus) 11503
arthropod resist. 11080
benzenethiol & deriv., eff. on DDT-resist. Musca domestica & Periplaneta americana 49353
1,1-bis-(p-chlorphenyl)ethanol, eff. on mites, resist. & mortal. curves (Fr) 38766
1,1-bis-(p-chlorphenyl)ethanol, eff. on mites, synergism & antag. with benzene hexachloride & DDT (Fr) 38765
bromoacetic, chloroacetic & iodoacetic acids & their esters, mechanism of action (It) 31714
chlorinated hydrocarbons, increased resist. of insects 14675
chloro-terpene oxides (Ger) 7976
control of ectoparasites in livestock (Sp) 13895
dieldrin control of malarial mosquitoes in Indonesia (Ger) 34470
dieldrin, eff. of simulated field deposits on Anopheles gambiae susceptible, hybrid & resist. strains 19505
dieldrin in mosquito control, after-eff. on Anopheles larvae (Ger) 34335
dieldrin residual house spraying in plains, eff. on anopheline densities in huts in E. Africa 52434
dieldrin, resist. & sensitivity of Anopheles aquasalis & Culex fatigans larvae in Fr. Guiana (Fr) 38551
dieldrin, resist. larval strain of Anopheles gambiae 14437
dieldrin resist. of Anopheles aquasalis, in Trinidad 52407
dieldrin-selected strain of mosquito Anopheles atroparvus, chromosome arrangements 14474
dieldrin, susceptibility degree of Anopheles sundaicus 16285
dieldrin water dispersible powders, particle size distribution in relation to dispersibility 4167
dimethyl 2,3-dichloro-1-methoxy-vinylphosphate, enzymatic breakdown in detoxication reactions (Ger) 36577
eff. of phenylthiourea on insecticide-resist. Drosophila melanogaster 42980
eff. on Aedes aegypti larvae (Ger) 11305
emulsions & suspensions of contact insecticides, standard. (Cz) 38162
granulated dieldrin control of anopheline mosquitoes, prev. of seasonal increases by spraying by aircraft 47604
insect resist. & vector control, WHO committee report 33877
insecticide-bait box method for control of sylvatic plague vectors 40891
residual, in control of ectoparasites of rat (Fr) 51513
residue tolerances for pesticides in & on food, Canadian regulations 14635
resist. & adaptation of arthropod parasites & predators (Fr) 20797
resist. mosquitoes (Fr) 32417
resist. of Anopheles gambiae 25060
resist. of insects, biol. mechanisms & methods of detection & counteraction 44276
sensitivity of dieldrin, Culex pipiens fatigans in Fr. W Africa (Fr) 14450
susceptibility of Anopheles larvae, tests 55061
tolerance of insects, variations 19680

***determination***

acrylonitrile contamination of foods, determ. method 28409
detection of residues on plants & vegetables (Cz) 30949
4,6-dinitro-o-cresol with nitron, in organs of corpses (Ger) 36505

***effects***

on cholinesterase activity in locusts 29843

***injurious effects***

ataxia, acute, in child., manifest. & case reports 34985
skin dis., prev. (Ger) 55586

***poisoning***

dinitro-o-cresol, in agricultural workers 9463
endrin tox. after chronic & acute exposure in rats 40
health hazards in agricultural use (Ger) 4036
O'Higgins dis. (Sp) 27202
possible health hazards of use of insecticides in protection of fruits & vegetables, review 20011
prev. & control, household hazards 20500

***toxicity***

for man & animals, bibliog. 14480

## INSECTS

*see also* ANTS
*see also* BEES
*see also* FLEAS
*see also* FLIES
*see also* MOSQUITOES
*see also* MOTHS
*see also* PEDICULI

anaerobic musc. metab. (Cz) 38212
aphids, behavior of potato leaf roll virus in body of its aphid vector 10868
aphids, transm. of both virulent & avirulent strains of potato leaf roll virus 10869
bedbugs, transm. of exper. leukemia (Rus) 22696
blowfly requirements of amino acids, determ. by means of labeled glucose 29842
caterpillar of Euproroctis flava causing allergic dermatitis (Ger) 24306
Cecidomyidae, atypical structure of salivary chromosomes (Ger) 48690
chromosomes of insect eggs, staining technics 54584
cockchafer beetle larvae, susceptibility to Bacillus popilliae (Fr) 3070
cockroach, distribution of choline acetylase in its conductive tissue 29840
cockroaches, fast & slow musc. fibers, histol. variations (Dut) 7356
cockroaches, hosts of nematode Hammerschmidtiella diesingi 30375
cockroaches, hosts of nematode Leidynema appendiculata 30376
control by radiation sterilization of insect pests 2219
Corcyra cephalonica growth in zinc pois., eff. of copper 7235
Cordulegaster boltonii bolтonii & Odonata in Italy (It) 9327
crickets, biol. determinism of cuticular pigmentation (Fr) 26914
desert locust fat body activation of octamethylpyrophosphoramide as cholinesterase antag. 25861
desert locust, appearance & histol. of cuticle 53488
desert locust, structure & metab. properties of mitochondria from various tissues 37058
eff. of benzenethiol & deriv. on Periplaneta americana 49353
eff. of 2,4-dinitrophenol on metab. in deservated musc. (Cz) 38213
eff. of edathamil on life span of x-irradiated female hymenoptera Habrobracon 19553
electrophysiol. of visual systems 15703
eradication & control in Switz., methods (Ger) 29783
exper. solution to paradox of discontinuous resp. in insects 7220
flight musc. metab., analysis of resp. enzymes in sarcosomes 1367
flight musc. metab., spectra of cytochromes in sarcosomes 1368
Gryllidae, incorporation of tritium-labelled thymidine in ovaries (Fr) 3516
high concentration of free amino acids in insect hemolymph 38613
hosts of Ascaris (Pol) 38805
hosts of filarial nematodes, review 25069
immun. to bact. (Ger) 22998
impregnation of NS, modified Samuel method (It) 1971
in So. Rhodesia tobacco culture 35497
lethal & sterilizing eff. of single & fractional doses of gamma rays on Calandra granaria 7188
locust, determ. of intracellular particle-bound enzymes of fat body 7254
mealworm Tenebrio molitor, electrophoresis of proteins during develop. 52380
microscopy, modified determinator (Ger) 51943
midges, control with insecticidal smoke boxes (Rus) 18903
morphogenetic eff. of vertebrate adrenal cortex hormones on insects 21677
muscle proteins, electrophoresis (It) 53806
nutritional requirements of insects associated with animal parasitism, review 27424
nutritive value of amino acid mixtures as substitute for casein for mealworms (Fr) 38602
nutritive value of single amino acids as substitute for casein for mealworms (Fr) 38603
Phlebotomus, distribution in Russia (Rus) 51743, 51744
Phyllodromia germanica, transm. of gastrointestinal infect. dis. & control by ship fumigation (Pol) 33814
pigments, isolation & characterization of ommins (Ger) 49802
pigments of integument, radioautographic study with labeled amino acids (Fr) 26899
Rickettsiella melolonthae, popilliae & tipulae pathogenic for insects (Ger) 23080
secretion of biol.-active substances, review (Rus) 45620
Sialis lutaria larva, histol. & histochem. of oenocytes, review (Ger) 55620
simple autoradiographic method for distinguishing insects labelled with phosphorus-32 & sulfur-35 52308
spermatozoa, labeling by radiocarbon-labeled adenine 39250
survival of intact insects immersed in liquid oxygen without any antifreeze agent 7166
Thomsonisca britanica, life hist. & anat. of fully-grown larval endoparasite of coccid Chionaspis salicis 34314
treehoppers, transm. of tomato pseudo-curly top virus 10853
Triatoma infestans & Panstrongylus megistus, control by extermination of larvae in prev. of So. Amer. trypanosomiasis in Brazil (Ger) 55577
wasp Apanteles glomeratus in transm. of Bacillus cereus alesti to butterfly Pieris brassicae larvae (Fr) 47417

## INSEMINATION

*see also* FERTILIZATION

mechanism in flies (It) 31713
of Musca domestica L. & subspecies, eff. of environment & physiol. factors (It) 31700
transport of spermatozoa into uterus of rabbit 49493

## INSEMINATION, ARTIFICIAL

(Fr) 43831, 43831
comparative fertility of natural & artif. matings in pig 10063
criticism (Ger) 43832
eff. of heterospermic processing on semen quality & bovine fertility 49488
ethical & moral viewpoints (Ger) 43833
ethical & religious viewpoints (Ger) 43835
fertility of frozen bovine semen packaged under carbon dioxide 16768
finger-electrode electroejaculator for collection of semen from bulls 40404
from viewpoint of natural law (Ger) 43832
homologous & heterologous (Ger) 43834
indic. (Cz) 30265
indic. & technic in man 13889
intraperitoneal technic in rabbit doe 31290
legal aspects 52687
legal problems (Ger) 43828
legal viewpoints (Ger) 43829
leptospirosis in large artif. insemination stud in cattle 15232
med. viewpoints (Ger) 43830
medicolegal aspects 20504
psychiatric viewpoints (Ger) 43826
religious aspects (Fr) 43833
religious aspects (Ger) 43830
technics of collection & transpl. of ova in farm animals, review 28181
use of Illini variable temperature semen diluent in beef cattle 16769

*INSOMNIA see* SLEEP DISORDERS

*INSTRUMENTS see* APPARATUS AND INSTRUMENTS

## INSULIN

*see also* HYPERINSULINISM
*see also* SHOCK THERAPY, INSULIN

antibody factor, in diabetics never treated with insulin & after 5 years of insulin ther. (It) 19236
antibody response to exogenous insulin in diabetics, quantitative determ. 27248
anti-insulin antibodies & inhibitors, panel discussion (Ger) 49083
anti-insulin antibodies in diabetic patients (Ger) 49099
combined determ. of insulin responsiveness & glucose tolerance in normal & in diabetic subjects 5260
comparison with oral antidiabetics, review (Pol) 8095
eff. of insulin-binding antibodies on insulin sensitivity in diabetics & insulin-immunized rabbits 10356
Himsworth insulin-glucose test in selection of diabetics for sulfonylurea ther. (Pol) 43643
insulin antibodies, relation to insulin resist. in diabetics 26152
insulin-like activity of electrophoretic blood protein fractions 3353
insulin-like activity of normal & diabetic blood 49172
mechanism of action (It) 32093
1958 Nobel prize for chem. 28974
oxidized A & B chains of beef insulin, prep., sedimentation & deuterium exchange studies 26959
pancreatic content in rats & dogs, eff. of calcium mesoxalate 15583
pharmacol. & metab., relation of commercial insulin to physicochem. properties of physiol. insulin (Fr) 54087
pharmacol., review (Ger) 38965
quantity of insulin extractable from diabetic pancreas (Ger) 51811

reactions with methylhydrazine 13731
resist. in diabetes mellitus, causes 14794
sensitivity test in diag. of insulomas 51920
tolerance test in chronic alcoholism 35170

***administration***

depot prep. long-insulin (Ger) 39060
eff. in various modes of admin. (Rus) 39336
nasal tampon, absorp. in diabetics & exper. animals (Ger) 23748
oral, exper. studies on effectiveness (Ger) 46209

***antagonists***

albumin fraction of plasma from uncontrolled insulin-requiring diabetics & normal subjects 6127
in blood in diabetic acidosis 27243

***determination***

chromatography, paper 1690
electrophoretic analysis (It) 3590
in glucagon, mammary-slice bioassay method 17241
paper chromatographic separation from crystalline bovine pancreatic ribonuclease 1373
partition column chromatography in 2-butanol-aqueous acid systems 47720
staining methods in histochem. determ. (Ger) 12092

***effects***

comparison of convulsive eff. with tolbutamide in mice, eff. of thyroxin pretreatment on sensitivity (Ger) 36925
gastric hypersecretion & hyperacidity, eff. of reserpiline (Fr) 26889
induction of hypoglycemia in young adults, measurement of circ. changes produced in forearm 17968
induction of tryptophan peroxidase in rat liver 4754
intra-arterial prolonged admin. of small doses on peripheral glucose consumption (Fr) 48906
on albumin-bound palmitate oxidation by fatty tissue & liver in rats 40533
on amino acid incorporation into proteins of rat diaphragm in vitro 25858
on blood chem. in normal dogs (Ger) 1604
on blood glucose & amino acids, immediate eff. after intravenous admin. 31288
on blood glucose entry & removal rates 3352
on blood glucose, lactate, potassium & pyruvate, mechanism of action 31431
on blood lipoprotein levels in pancreatectomized dogs (It) 36749
on blood lipoproteins in diabetes 40675
on blood magnesium, with glucose (Fr) 26820
on blood potassium & sodium in pigeons (It) 37471
on blood sugar & potassium in deep hypothermia in rabbit 36607
on blood sugar in hypothermia in rabbits (Pol) 29519
on blood sugar of recently pancreatectomized dogs, synergic eff. of insulin (Fr) 26720
on carbohydrate tolerance of tube-fed rats, interaction with carbutamide & somatotropin 49175
on coenzyme A in liver of rats (It) 13961
on conditioned reflex funct. in rats (Pol) 24055
on diabetogenic action of dithizone in rats (Sp) 53953
on disappearance of arabinose & xylose from blood of normal dogs 24042
on dynamic cycle of normal human heart 36509
on EEG, response to intravenous fructose (Fr) 44613
on ethyl alcohol metab. in normal & diabetic dogs 8496
on extra-hepatic oxidation of albumin-bound palmitic acid in diabetic rats 47694
on gastric secretion, response to intravenous fructose (Fr) 44616
on glucose & xylose accumulation in isolated rat diaphragm 25875
on glucose content of aqueous humor (Ger) 23766
on glucose metab. in isolated rat spinal cord 18466
on glucose metab. review (Fr) 9016
on glucose output by liver in dogs 15633
on glucose uptake & potassium release in isolated rat diaphragm 25874
on glycogen synthesis in interscapular gland of rat, denervation of gland causing inhib. (Fr) 26897
on glycogenesis & glycolysis in isolated rat diaphragm 18159
on ketone prod. in man 4870
on kidney funct., urinary excretion of phosphate, bicarbonate & ammonia ions,& titratable acidity in man (Ger) 39897
on limb-bone rudiments of chick embryo cultured in vitro 51094
on liver glucosyl oligosaccharide & glycogen 7126
on liver, vasc. & metab. aspects, exper. study 28616
on mammary glands, with testosterone, in castrated & hypophysectomized rats 35142
on pancreatic lipid localization (Fr) 6997
on pathways of glucose catabolism in breast of pregn. & lactating rats 52414
on peripheral glucose uptake 27246
on physiol. alcohol consumption in rats 8495
on plasma glucose turnover & oxidation in humans, comparison with tolbutamide 33064
on protein metab. in isolated perfused liver, influence of varying amino acid levels in perfusate 5261
on sulfhydryl groups in rats diaphragm prep. 52371
on testes in rat (Fr) 26714
portal infusion, on incorporation of radiocarbon labeled glucose into liver & musc. glycogen in rats (Ger) 49289
postinsulin eosinopenic reaction in normal subjects, eff. of fructose (Fr) 21268
reversal of inhib. of triose phosphate dehydrogenation in glycolytic cycle in liver of diabetic rats (Ger) 27895
sensitization of spinal rats to dextran-induced anaphylactoid inflamm. 35803
skin tolerance test of various insulin prep., in normal & diabetic subjects (Ger) 3272
synergistic hypoglycemic eff. with tolbutamide in recently pancreatectomized dogs (Sp) 8988
vitamin C retention in diabetic child. & adolescents with subsequent decrease in dent. caries (Ger) 40187

***in blood***

activity in protein fractions of normal blood & blood with added insulin, electrophoretic separation 51919
determ. by glucose tolerance test (Fr) 36050
determ. by rat diaphragm method 40101
determ. in normal persons & comparison with diabetics 16336
determ. methods 15630
determ. of small quantities & changes in levels, method (Fr) 13437
determ. with rat diaphragm & epididymis fat tissue (Ger) 9547
eff. of epinephrine & arterenol, determ. in isolated rat diaphragm (Dut) 7272
eff. of glucose meal in normal subjects & in diabetics (Fr) 13438
protein-bound insulin in insulin-treated diabetics & normal subjects, comparison 28971
separation from other blood proteins 40800

***injurious effects***

allergy (Ger) 18379
lipodystrophy at inject. sites, relation to instability in certain diabetics 26109
shock 19920

***metabolism***

behavior of iodine-labeled insulin, review 7569
musc., inhib. of degradation in isolated rat diaphragm & diaphragm extracts by proteins 28235
peroral resorption in rabbits (Ger) 11021
reduction by glutathione, enhancement of reduction by enzyme systems from rat liver extracts 40544

***physiology***

eff. of hypoglycemic arylsulfonamides on endogenous insulin & liver glycogen form. (Fr) 38885
form. of extrapancreatic insulin (Sp) 8855

***poisoning***

homicide by inject. of insulin & drowning, medicolegal aspects 51728

***therapeutic use***

adjuvant in resuscitation in military surg., with glucose & potassium (Fr) 24756
anterior pituitary insuff. & dwarfism, failure of insulin to induce change in rate of growth 50436
asthma, indic. & mechanism (Cz) 14778
diabetes, highly insulin-resist., with simultaneous tolbutamide (Pol) 43664
diabetes in child., incomplete stabilization (Ger) 13093
diabetes mellitus 6975
diabetes mellitus, comparison with oral antidiabetics (Ger) 22827
diabetes mellitus, comparison with tolbutamide in regulation of selected clinic patients 45099
diabetes mellitus, exacerbation by excess insulin action 46941
diabetes mellitus, lente insulin in ambulant ther. (Ger) 12086
diabetes mellitus, use of sliding scale for determ. of dos. 18106
diabetic coma with insulin-resist., management with massive insulin admin. (Sp) 21786
extreme daily requirements in certain diabetics followed by periods of complete remission 36108
menometrorrhagias of puberty (Fr) 15167
peripheral vasc. dis., remote results (Pol) 30840
quantitative relationship between dos. & carbohydrate utilization in diabetics 46946
relation of dosage requirements to body weight in juvenile diabetes 27097
review (Rus) 41656
schizophrenia, post-ther. psychol. changes (Pol) 30771
thromboangiitis obliterans, rheum. arthritis & subacute bact. endocarditis, eff. on urinary 17-ketosteroids (Pol) 30841
thromboangiitis obliterans, with magnesium sulfate & glucose, intra-arterial admin. & eff. on ECG (Rus) 33208
with tolbutamide, in diabetes (It) 42705

**INSURANCE**

***see also*** **DISABILITY EVALUATION**

***see also*** **HEALTH INSURANCE**

***see also*** **LIFE EXPECTANCY**

***see also*** **WORKMEN'S COMPENSATION AND INSURANCE**

accid. insurance, review (Ger) 42900
accid., legitimate claims in body inj. (Ger) 28907
avoidance by physician of compl. with insurance & compensation claims 4577
code of standards for nuclear energy in indust. for use by insurance companies 478
company physicians, professional & pub. relations 10448
compensation in drug addict. in W. Germany (Ger) 43115
compulsory insurance for hosp. in France (Fr) 22149
fire insurance, value & replacement cost 4100
GP as med. examiner for life insurance 27524
life insurance for cardiovasc. dis. patients 31246
malpractice insurance of physicians, need for careful exam. of contract 28164
partnership life insurance for physicians 17534
responsibilities of physicians as med. directors of life, health & accid. insurance companies 31242
risks & coverage for neurol. dis. patients, panel discussion 31250
risks & coverage for patients of endocrine dis., panel discussion 31248
risks & coverage for resp. dis. patients, panel discussion 31249
risks & coverage of cardiovasc. dis. patients, panel discussion 31251
risks in coronary dis. & ill-defined chest pain 31243

**INTELLIGENCE**

comparative intelligence patterns of Old World & New World monkeys 11528
correlation with anti-Negro prejudice & personality, eff. of cultural factors 17188
correlation with phys., ment. & achievement characteristics 46973
eff. of anxiety 17148
eff. of brain inj. 17129
eff. of dis. & hospitalization on develop. in inf. & child (It) 42803
eff. of intellectual level on learning set in child. 50503
eff. on children's play interests 5123
eff. on Rorschach card rejection 40716
eff. on tree drawing test of psychotic child. & adolescents 27855
IQ of juvenile epileptics (Fr) 25478
IQ, relation to neuroses (Pw) 10172
meaning of intelligence to Lebanese teachers 26086
ment. develop. of child. with blindness due to retrolental fibroplasia 23506
of schizophrenic child., emotionally disturbed child. & their mothers 17132
paired associate learning, generalization & retention in child. of various intelligence levels 24460
relation of IQ to skin conductance 603
relation to dent. caries, gingivitis, body constitution & place of residence in 15-year-old Royal Naval entries 41437
relation to perceptual organiz., eff. of exposure-time 785
relation to ethnocentrism in college students 5116
selective & differentially accelerated intellectual dysfunct. in paresis & Korsakoff's synd. 4913
stages of ment. develop. in child, based on Jean Piaget's findings 44259

***INTELLIGENCE TESTS*** ***see*** **PSYCHOLOGICAL TESTS**

***INTERMEDIN*** ***see*** **PITUITARY GLAND, *hormones***

**INTERMITTENT CLAUDICATION**

***surgery***

lumbar sympathectomy, results (Fr) 47341

***therapy***

hydroxyzine-pentaerythritol tetranitrate prep. 36000

iproniazid (Sp) 21795

sodium nitrite, intravenous admin. (Sp) 3341

vitamin E 18351

***INTERNAL MEDICINE see*** **MEDICINE, INTERNAL**

**INTERNSHIP AND RESIDENCY**

AMA council report 5414

extern train. at Washington Home for Incurables, Washington, D.C. 2335

foreign interns & residents 54743

hosp. internship program in U. S., factors influencing filling of intern quotas, statist. 17684

in Finland (Fin) 54644

in pediatrics, train. program including soc. problems & community resources 5363

intern shortages, methods for alleviation 4516

in U. S., National Intern Matching Program 40041
50181
50815

pharmacy internship, need for standard. 24597

psychiatry train. at Delaware State Hosp. 3187

residency in occup. med., organiz. 11597

Residency Review Committee in Obst. & Gyn., organiz. & funct. 12409

resident's role on hosp. educational team 40316

suggestions for pleasant & profitable residency 6160

train. program at Harlem Hosp., New York City 3983

***INTERSTITIAL PLASMA CELL PNEUMONIA see*** **PNEUMONIA, INTERSTITIAL PLASMA CELL**

**INTERVERTEBRAL DISK**

elastic mechanism, determ. by polarizing microscopy & x-ray crystallography 4802

***diseases***

arthrosis of vertebrae & disks with hyperostosis & kyphosis, eff. on peripheral articulation (It) 8666

degen., in urban population 36301

disk synd., x-ray diag., indic. & technics with contrast media 21405

exper. degen. dis. induced by hyaluronidase & physiol. salt solution in dog (Fr) 21384

lumbar arthrosis with erosion of disks resembling Pott's dis. (Fr) 32380

***embryology***

prenatal & postnatal relation to chorda dorsalis in mice (Ger) 34196

***radiography***

discography, indic., technic & diag. value 43699

diskography in low back pain & sciatica 46661

***surgery***

postop. bone changes 5528

**INTERVERTEBRAL DISK DISPLACEMENT**

differ. diag. & diag. errors (It) 19264

herniation of nucleus pulposus (Dut) 49765

herniations of 3d lumbar disk (Fr) 43976

lumbar disk prolapse (Dan) 45510

lumbar intervertebral disk rupt., diag. & surg. 35925

prolapse, neurol. aspects in differ. diag. & ther. (Ger) 19371

***complications***

bilateral weakness of legs 29751

cervical, causing compression of spinal cord & disappearance of phantom limb in leg amputee, surg. & reappearance of phantom (Fr) 11988

cervical myelopathy (Fr) 19767

compression of cauda equina, case reports (Fr) 9099

lumbar sciatica in presenile & senile patients (It) 27619

motor disord., conservative ther. & surg. (Ger) 36490

motor root compression, electromyography 32082

sciatica, demonstration of causative relation by mechanical stimulation of lower lumbar nerve roots in patients with disk displacement 40618

sciatica, diag., peridural test, technic (Bul) 32797

separation of posterior vertebral borders, x-ray differ. diag. (Ger) 39410

spinal cord compression due to protruded thoracic disk, surg., anterolateral fenestration of disk 46662

***diagnosis***

intrasporgious protrusions due to multiple inj. & single inj., x-ray differentiation (It) 42715

lumbar, methiodal myelography (Ger) 39386

lumbar, sagittal peridurography, technic (Ger) 11391

lumbar, x-ray (Ger) 15851
39409

myelography in diag. & differentiation of protrusion & hernia (It) 54222

myelography, indic. & technics (Fr) 5325

x-ray, with myelography with methiodal, value (Ger) 3611

***differential diagnosis***

lumbar, from serous spinal arachnoiditis 1226

***etiology and pathogenesis***

collapse of lumbar disks after inj. in spinal anesth. (Fr) 44782

***in aged***

cervical, posterior, clin. aspects, ther. & case reports (It) 27616

***in infant and child***

with status dysraphicus 49622

***manifestations***

allergic manifest. of skin (Cz) 38296

backache, electrodiag. & other diag. technics (Sp) 44401

pain assoc. with protruded disks, review 29273

***physiology***

electrical skin resist. reaction after section of sensitive nerve roots (Cz) 30292

oscillographic exam. of circ. in various regions of leg (It) 42745

vibratory perception in lumbar disk protrusion, biothesiometry 19796

***statistics***

occup. of patients with hernia of disk (It) 42679

***surgery***

anterior approach for removal of cervical disks 28560

disk removal with spine fusion 12696

1st operation for radicular compression due to previously diagnosed distal hernia (It) 8058

lumbar & cervical, controversy on nosol. terminol. (It) 26590

lumbar, indic. & results (Ger) 19388

new intervertebral spreader & angled curettes for lumbar disk surg. 37821

postop. intractable pain, eff. of anterolateral cordotomy 2349

statist. 46660

technical problems 35286

vertebral support operation, indic. & technic 17533

***therapy***

ACTH & chlorpromazine (Heb) 39785

heavy lumbar traction, in protrusion, appar. & mechanical eff. 35516

lumbar (Ser) 6628

med. & surg. indic. (Fr) 33409

phys. ther., sustained traction in lumbar displacement, indic. & technics 20379

phys. ther. with counter-torque suspension 20354

vertebral disk traction, indic. & technics (Fr) 3156

**INTESTINAL OBSTRUCTION**

***see also*** **INTUSSUSCEPTION**

acute 39141

acute, factors influencing progn. 42098

acute occlusion of colon, manifest. & diag. (Sp) 39102

adhesive, diag. & ther. (Pol) 20459

arteriomesenteric duodenal obstruct., mechanisms & surg. mobilization of ascending duodenum 25038

classif. 529

factors effecting progn. 42092

of small intestine, manifest. & diag. (Sp) 33424

pathogen. & ther. (Por) 13612

review (It) 46584

strangulation, classif., manifest. & case reports 45063

strangulation, physiopathol. & ther. 6986

toxin theory in relation to small bowel obstruct. 16859

volvulus of sigmoid colon 24606

***blood in***

leukocyte changes following exposure to strangulation obstruct. fluid 47286

picture (Rus) 9897

proteins (It) 46584

***case reports***

double volvulus & dilatation of small intestine after fract. of vertebra, surg. & recovery (Fr) 36659

duodenum, arterio-mesenterial (Hun) 20160

duodenum, primary arteriomesenteric occlusion (Ser) 51717

duodenum, with arteriomesenteric duodenal compression & obstruct. eosinophilic granuloma of stomach 3823

early postop. obstruct. following appendectomy (It) 20990

ileus strangulated by overriding fallopian tube with ectopic spleen in kyphoscoliosis (It) 9316

partial obstruct. caused by duodenal diverticulitis, surg. 34983

postgastrectomy, intestinal resection (Rus) 45192

rectosigmoidal, unusual case 6124

strangulation through opening in mesosigmoid (Ger) 34537

surg. & results (Rus) 18207
54593

volvulus 9301

volvulus simulating strangulated inguino-scrotal hernia, differ. diag. & surg. (It)

with megasigmoid, surg. (Ger) 45996

***complications***

appendicitis & inflamm. of Meckel's diverticulum, with acute abdom. (It) 53782

bilateral polycystic dis. of kidneys, case report 14279

perf. of cecum caused by paralytic ileus, surg., cecostomy 10843
12718

***diagnosis***

acute, x-ray diag. (Pol) 30711

x-ray diag. of small intestine obstruct. (Sp) 33425

x-ray image of volvulus (It) 39665

x-ray, in acute abdom. patients (It) 29662

***differential diagnosis***

gastric hemorrh., hemogram (Ger) 29408

paralytic ileus from occlusive forms (It) 39659

***etiology and pathogenesis***

abnorm. mesenteric band of Meckel's diverticulum 17443

adhesions & frenula, incidence, clin. aspects & ther. (It) 2879

ascariasis (Sp) 38541

biliary calculus, case reports (It) 2870

cancer of colon, cecostomy (Dan) 33400

cancer of small intestine, surg. (Rus) 18229

Carica peltata causing constipation, intestinal gangrene & intestinal obstruct. (Ger) 55576

carcinoid & appendicular cyst (Rus) 41547

cholelithiasis (Dut) 7282
7283

cholelithiasis, case reports 11062
13721

cholelithiasis 39038

cholelithiasis, clinico-radiol. aspects & case report (It) 19246

cholelithiasis, liver changes 47367

cholelithiasis, recur. migration of calculi to intestine 836

cholelithiasis, surg. (Por) 21062

coconut fiber bezoar 13835

duodenal after palliative cholecystojejunostomy in cancer of pancreas 22024

duodenal, caused by arterio-mesenterial occlusion (Ger) 22938

duodenal, due to post-bulbar ulcer, correlation of x-ray & surg. findings 37610

femoral hernia, surg., subumbilical approach (Sp) 50635

gastrectomy (Sw) 19038

gyn. dis., case reports (Hun) 20186

ileocecal intermittent obstruct. by solitary ileal diverticulum 535

invagination of Meckel's diverticulum, review & case report (It) 51991

Lane's ileal kink 37642

low-flap cesarean section causing volvulus of cecum 30185

Meckel's diverticulum containing aberrant pancreas, review (Ger) 11145

Meckel's diverticulum with persistent obliterated omphalomesenteric duct 47251

mesoappendiceal band after appendectomy, case reports 5397

obturator & internal hernias, case reports 34973

postgastrectomy acute obstruct. of proximal jejunal loop or of duodenum (It) 42537

postop., after appendectomy (Fr) 50776

scleroderma, surg. 34960

sigmoid diverticulitis in small bowel obstruct. 22023

stenosis of small intestine due to ischemia following massive resection 14657

strangulated inguinal hernia 36329

strangulated transomental hernia 23480

trauma causing diaphragm rupt. with incarceration of stomach & intestine (Ger) 3284

***experimental***

duodenal, ileal & transverse colon, eff. on bact. flora, relation to cause of death (It) 6806

eff. of chloramphenicol with streptomycin (It) 54265

eff. of oxytetracycline after total exclusion of jejunal loop in dogs (It) 54264

eff. of peritoneal fluid resulting from strangulated obstruct. in dogs 837

eff. of tetracycline, intramusc. & intravenous, in dogs (It) 9423

eff. of tetracycline, intravenous & intramusc. admin. (It) 21459



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

strangulated, of small intestine, eff. on blood amylase in dogs 47591

*in aged*

statist. (It) 29570

*in infant and child*

acute, in newborn, etiol., pathol. & diag. 48590

adynamic, ther., pantothenic acid (Hun) 43435

after appendectomy, management (Fr) 31975

case report (Por) 20248

caused by ascariasis, case reports (It) 24942

caused by hematoma of duodenum or jejunum, surg. 34961

caused by partial persistence of vitelline duct in 12-year old child., case report (Fr) 6404

caused by perf. of Meckel's diverticulum, in 3-year-old child (Fr) 30483

caused by Pseudomonas aeruginosa appendicular peritonitis, surg., total plication of small intestine, Noble technic (Fr) 42411

classif. (Por) 8731

clin. statist. (It) 23675

congen. duodenal (Hun) 16065

diag. in newborn & in young inf. (Ger) 34560

duodenal, case report (Pol) 30404

ileocolic, x-ray diag. 28514

in newborn & inf. (Fr) 8147

in newborn, diag. & surg., case reports & review (It) 47809

in newborn, manifest. by hydramnios, diag. criteria 5706

mechanical ileus, case report (Fr) 54071

meconium block in newborn (Ger) 30063

meconium obstruct., case report (Sp) 44528

small intestine occlusion, etiol. classif. (Fr) 25486

strangulated, in newborn, with methemoglobinemia 28601

surg., Noble technic in young inf. (Fr) 42446

volvulus (Fr) 38625

volvulus of small intestine with malrotation & gangrene 14689

*in pregnancy*

case reports (Ger) 46285

cecal volvulus, case reports 12834

volvulus during pregn. & puerperium, review & case reports 20062

volvulus of sigmoid in pregn. & puerperium 17844

volvulus of cecum & ascending colon, case report 37660

*manifestations*

pain rhythms, value in differ. diag. 6996

*physiology*

physiopathol. of small intestine obstruct. (Sp) 33433

viscosity & origin of meconium in meconium ileus 44112

*statistics*

morbidity & mortal. in Russia (Rus) 32551

*surgery*

(Por) 21058

anesthesiol. problems (It) 54267

contraindic. (Rus) 18212

decompression of acute colon obstruct. caused by intrinsic cancer, technic 40966

detorsion & cecostomy in volvulus of cecum 842

enterotomy-colotomy decompressor 847

indic. 22099

Levin tube suction enterotomy, exposure technics 11074

of mechanical obstruct. 51581

perop. aspiration appar. (Sp) 20660

perop. drainage, technic (Sp) 31002

*therapy*

ganglionic blocking agents in adynamic ileus, case report (Fr) 12994

of small intestine obstruct. (Sp) 32426

pantothenyl alcohol in postpartum & postop. intestinal obstruct. 47244

use of long tube, indic. & technic 30931

without gastrointestinal suction 10106

INTESTINE, LARGE

*see also* ANUS

*see also* CECUM

*see also* COLON

*see also* RECTUM

*diseases*

appendices epiploicae lesions 28579, 31586, 41027

bibliog. 39149

endometriosis 12582

inflamm. of appendices epiploicae (Cz) 21551

review 18672

sliding hernia, surg. (Rus) 5992

surg. indic., review 18673

x-ray diag. (Ger) 39071

*effect of drugs on*

acetylcholine on taenia coli activity in guinea pigs 5796

2,4-dinitrophenol on epinephrine & acetylcholine ac ion on taenia coli activity in guinea pigs 5797

*gangrene*

appendix epiploica, with peritoneal mouse 879

*neoplasms*

adjunctive nitrogen mustard ther. in surg. of colon & rectum 39138

detection & prev., review 48411

differ. diag. 50820

distal end, differ. diag. from dysentery (Rus) 45213

double tumor, case report (Fr) 2016

implantation metastases 37640

malignant degen. of adenomas (Por) 13585

polypi, adenomatous & carcinomatous (Por) 44457

statist. (Por) 12915

surg., current status (Ger) 30972

surg., extensive lymphadenectomy & high ligation of inferior mesenteric artery for carcinoma of left colon & rectum 39143

surg., recto-sigmoid resect. with invagination method (Rus) 33587

with benign peptic ulcer, case report 14725

*physiology*

ion transfer across isolated frog intestine 50563

*radiography*

bis(p-acetoxyphenyl)-2-pyridylmethane-tannic acid prep. as double contrast medium, diag. value (Ger) 7093

use of barium enema, method & diag. value (It) 19244

*rupture*

caused by compressed air machines (Ger) 34547

*surgery*

abdomino-anal sigmoidorectal resection by invagination method, indic. & technic (Hun) 6346

contribution of W. Ernest Miles 41237

precop. disinfect. (Pol) 20458

proctocolectomy, transabdom. 39139

review (It) 2882

*ulcers*

exper., eff. of nerve lesions on healing (Rus) 25755

*wounds and injuries*

penetrating wds., surg. 45067

INTESTINE, SMALL

*see also* DUODENUM

*see also* ILEUM

*see also* JEJUNUM

*abnormalities*

atresia, etiol. & surg. (Hun) 7710

atresia, surg., end-to-end anastomosis (Dut) 39953

atresia, x-ray studies 35470

atypical torsions & atypical mesenterial lacunae (Ger) 38449

duplication (Sp) 44602

duplication, case report 2152

duplication, in 13-year-old boy 53234

malrotation of midgut in inf. 11776

malrotation with volvulus & gangrene, case report 14689

*blood supply*

arteries in hypertension, postmortem angiography 41837

necrotizing arteritis after surg. of coarctation of aorta, case reports 23515

vasc. anat. 54751

*diseases*

clin. manifest. & management 53532

diag., methods (Ger) 39081

inflamm. processes & various tumors 28578

perf. & ulcer caused by prednisone (Dut) 15800

prolapse through tear in rectum & through anus (Rus) 18231

review 49720

sarcoidosis, relation to regional ileitis (Fr) 31058

segmental atrophy (Ger) 23107

surg. 53533

tropical idiopathic malabsorp. synd., x-ray manifest. 17281

x-ray diag. 53527

x-ray diag. (Ger) 39071

*diverticula*

etiol., pathol. & ther. (Ser) 23684

*effect of drugs on*

barium chloride & histamine causing contraction, antag. by barbiturates (Fr) 32911

podophyllotoxin in rats & guinea pigs (Fr) 1063

*effect of radiations on*

motor funct. of isolated segment in acute radiation sickness in dogs (Rus) 48032

x-ray induced mitotic inhib. of epithelium cell in rats given whole body irradiation, protection by cysteine 23294

x-rays, on cell nuclei protein metab. & methionine incorporation (Rus) 51752

x-rays on desoxyribonucleic acid metab. (Rus) 51753

*fistula*

small intestine-kidney pelvis (Ger) 55600

surg. (Ger) 29092

temporary obturation with prosth. (Sp) 9698

*infarction*

allergic, case reports (It) 25538

of distal portion, surg. with recovery (It) 53768

*innervation*

histogenesis of neural elements (Rus) 33309

histogenesis of sensory nerve endings (Rus) 33310

physiol. regen. & degen. of nerves (Rus) 33311

regen. after exper. inj. (Rus) 33312

*metabolism*

digestion & absorp. of pyrimidine nucleotides in vitro 40516

histamine metab. by dog mucosa in vitro 13578

*microbiology*

cultivation of Vibrio comma in isolated loops of intestine from guinea pigs (Rus) 55831

intestinal cartridge for removal of contents for bacteriol. study (Ger) 52201

*neoplasms*

38026

(Fr) 8408

adenomatous polyps (It) 20981

argentaffinoma with hepatic metastases & pulm. stenosis (Fr) 36645

benign tumors (Ger) 51865

causing intestinal obstruct., surg. (Rus) 18229

clin. manifest. (Ger) 22937

compl. in benign tumors (Rus) 33592

enteric cyst & adenomatous polyp, causing acute invagination in child., case reports (It) 25579

hemorrh. leiomyoma simulating giant ovarian cyst, case report 12300

Hodgkin's dis. (Ger) 51827

leiomyoma (Rus) 18202

41698

lymphosarcoma (Fr) 51141

lymphosarcoma in inf. & child 47592

malignant myoma, review (Dut) 37030

manifest. & x-ray diag. (Fr) 21367

pathol. & differ. diag. (It) 19174

perf. by ulcerated carcinoma (It) 6817

plasma cell myeloma (It) 3899

polyposis 53528

polyposis, diag. & surg. 53227

polyposis in ascariasis causing ileo-ileal invagination in child (It) 44338

primary 9426

primary cancer, diag. problems (Ger) 23179

*pathology*

biopsy, diag. & research value 53526

histopathol. 53525

leiomyometaplasia in dogs, histochem. 15242

peroral mucosal biopsy, technic 575

*perforation*

by ingested bone fragment, case reports (Sp) 9692

caused by non-penetrating abdom. inj., diag. & surg. indic. 14647

with generalized peritonitis in patient with malignant thymoma & miliary tuberc., clin. pathol. cond. 3782

*physiology*

53524

absorp. (Sp) 32418

absorp. of vitamin B12, radioisotope determ. of site 41883

acetylcholine output & motility, eff. of inhibitors of choline acetylation & anticholinesterase drugs in vitro 48237

eff. of allergic alteration of intestinal wall on stimulation of chemoreceptors in dogs (Ger) 49123

eff. of partial resect. on physiomorphol. in dogs (Rus) 37217

eff. of pre-feeding of fat on triolein absorp. in subtotal gastrectomy patients 31299

electrical activity & origin of rhythmicity in exper. animals 12575

fluid movements across rat intestinal wall in vitro 47977

glucose & water absorp. in partially gastrectomized dogs (Rus) 37170

in hibernating arctic ground squirrels, histol. comparison with warm & active animals 13939

intrinsic factor action in everted sacs of rat small intestine, mechanism 50458

mucopolysaccharide in mice capable of inhibiting mouse encephalomyelitis virus 10875

peristalsis in isolated guinea pig segments, eff. of serotonin 48234

peristaltic reflex of isolated small intestine of guinea pigs, new registration method (Ger) 27841

secretion, eff. of polonium in animals (Rus) 51767

variations in fluid content during dumping synd. attack, x-ray manifest. 14143

vitamin B12 absorp. in pernicious anemia patients, eff. of sorbitol 31366

vitamin B12 uptake in vitro, eff. of intrinsic factor 31355

use of ligated segments of rabbit intestine for testing pathogenicity of E. coli 17893

***rupture***

caused by subcutaneous inj., case reports (Ger) 46009

spontaneous (Ger) 11403

55702

***stenosis***

adhesion stenosis, case report (Ger) 55700

caused by ischemia following massive resection, case report 14657

***surgery***

anastomosis of ureters to small intestine loop isolated & attached to skin, indic. & technic (Fr) 18554

devascularization after transpl. to abdom. wall & restoration of gastrointestinal continuity using parasitized bowel in dog 22015

extensive resection, case report 55701

massive resection (Hun) 10600

massive resection (Rus) 10236

massive resection in thrombosis of superior mesenteric artery (Ser) 23686

massive resection, indic. & postop. care 53531

massive resection, postop. adrenal cortex hormone ther. 12291

radical resection 12290

use of ileal & jejunal loops in colon & stomach surg. 39934

***ulcers***

primary non-specific 12705

primary, perf., case report (Pol) 30702

simple ulcers, case reports (Fr) 18539

***wounds and injuries***

bullet wound necessitating multiple resection, case report (Sp) 27227

penetrating inj., diag. & surg. 32729

## INTESTINES

intestinal factor in irreversible endotoxin shock 13310

juice, phosphates (Rus) 33558

new intestinal perfusion methods in management of acute renal failure & uremia 23393

normal bowel sounds in dogs 29295

***abnormalities***

atresia (It) 21451

atresia, anat., pathol. & x-ray manifest. (It) 20218

atresia, case with unsuccessful surg. (Sp) 44533

atresia causing acute obstruct. in newborn 48590

atresia, diag. & surg., case reports & review (It) 47809

atresia, intrauterine intussusception as cause 54665

atresia, surg. (Sp) 36854

ectopia caused by intrauterine rupt. of omphalocele, case report (Ger) 42868

ileocecal duplication in newborn, x-ray diag. 50873

malrotation, surg. (Fr) 36629

malrotation with stenosing cancer of pylorus in aged (Ger) 41703

rotation anomalies (Fr) 6389

***anatomy and histology***

chromaffin & clear cells (Ger) 6086

***blood supply***

blood flow, influence of vasc. & motor reactions to acetylcholine & carbon dioxide 741

ischemia causing pseudomembranous colitis 157

***calculi***

multiple pebbles in four-year old child (Rus) 43569

***cysts***

gastroenterogenic cysts of mediastinum (Ger) 54943

pneumatosis cystoides 10092

pneumatosis cystoides, diag. 24693

pneumatosis cystoides in Chinese child. 13423

pneumatosis cystoides in im. (Rus) 7912

pneumatosis cystoides intestinalis (Sp) 2938

pneumatosis cystoides of left portion of colon, diag. & case reports 37553

***diseases***

acute infect. in Alaskan Eskimos 53658

53659

atony in int. & child. ther., pantothenic acid (Rus) 43425

blind loop synd., definition & clin. manifest. 53530

classif. (Rus) 45114

causing pericystitis, case reports (It) 25595

diag. & surg., review (Fr) 24266

dyskinesia in painful thoracolumbar spinal cord dis. (It) 25537

edema of intestinal wall caused by parenteral infusions in surg., ther. (Ger) 49679

etiol. relation of environmental factors in E. Kentucky 53649

giardiasis in child., with liver manifest. (Pol) 30396

giardiasis with broncho-pulm. manifest. (Fr) 28362

helminth & protozoan infect. in child. of No. Africa, statist. (Fr) 24292

hemorrh., perf. & ulceration caused by prednisone ther., in child., case reports (Fr) 54451

hyperplasia, lymphoid, non-tumoral, causing acute invagination in inf. (Sp) 53916

intestinal intoxication in chronic & geriatric dis., eff. on blood creatinine (Ger) 6734

Isospora belli coccidiosis, case report (Fr) 14435

lipodystrophy (Rus) 41658

lipodystrophy, case reports & review 49703

lipodystrophy, clin. pathol. conf. 533

lipodystrophy, cytol. features 11755

lipodystrophy, differ. diag. from idiopathic steatorrhea with mesenteric lymphadenectasis 49688

lipodystrophy, pathol. of systemic lesions 4881

lipodystrophy, systemic involvement, gross & histol. observations 34953

malfunct. causing vitamin B12 defic. & megaloblastic anemia in child. surg., case report 19851

micrococcal enterotoxicosis, laboratory diag. (Ger) 23005

myiasis, case reports (Sp) 21098

myiasis caused by Ravinia striata larvae (Rus) 18901

occup., in workers handling coca, in So. Amer. (Sp) 18860

parasitic (Sp) 53367

parasitic, diag. & ther., review 29263

parasitic, diag., hosp. statist. 22574

parasitic dis. in Port. India (Por) 40212

parasitic dis. in young inf., epidemiol. (Sp) 53938

parasitic dis., ther., oxygen, ether-oxygen mixture & nitrous oxide, comparisons (Fr) 24298

parasitic dis. in child. in Algiers, statist. (Fr) 24294

parasitic dis. in children in Dakar, statist. (Fr) 24296

parasitic dis., in child., laboratory diag. technics (Fr) 24293

parasitic in Puerto Rican preschool child. in Philadelphia 46928

parasitic, with NS manifest. in child. (Pol) 30395

postop. atony, prev. & ther. with mysuran chloride (Sp) 13547

prev. in children's home in Russia (Rus) 43565

schistosomiasis assoc. with intestinal cancer, clin. statist. 38389

strongyloidiasis, with pulm. involvement (Pol) 33735

***effect of drugs on***

acetylcholine-like & histamine-like substances, differentiation by tests on isolated mouse intestine 36566

arterenol & epinephrine, relation of inhib. eff. to acetylcholine content of different segments of rat intestine 4203

chlortetracycline inhib. of histidine absorp. in rats 37085

choline cpds. on isolated guinea pig ileum strips, potentiating eff. of folic acid, neostigmine & vitamins B2 & B12 36600

epinephrine on glycolysis, mitosis & resp. of mucous membrane in rats (Rus) 13866

flavonoids, spasmolytic eff. on isolated bowel, relation to structure (Ger) 30605

hexamethonium on histamine-induced contractions in isolated rabbit intestine (Fr) 15120

histamine pois. causing intestinal malabsorp. of glucose in rat, enzyme mediation (Fr) 13460

5-hydroxytryptophan & serotonin, on motility & intraluminal pressure in normal cond. & sprue 39457

inhib. of contraction of longitudinal musc. coat of isolated guinea-pig ileum by morphine 14130

iproniazid, on motility & secretion, relation to changes in metab. of endogenous serotonin (Ger) 49693

nicotine & serotonin on isolated rat duodenum, inhib. by 1-bicyclohexyl & 1-phenylcyclohexyl amine ethers (Fr) 26913

nicotine, induction of contracture of isolated rabbit intestine, selective antag. (Fr) 3052

potassium, parasympathomimetic action (Fr) 18622

reserpine on motility of intestinal villi in dogs (Hun) 52877

reserpine on movements of intestinal villi in dogs (Ger) 35376

senna, comparison of standard. prep. with inert tablets 5754

serotonin on motility of intestinal villi in dogs (Ger) 47739

vitamin U-containing dry extracts of cabbage (Ger) 39944

***effect of radiations on***

external beta rays causing intestinal lesions in mice, histopathol. 5694

γ-ray & radium causing hemorrh., inflamm. & ulcerative reactions, prev. & ther. (Ger) 32670

x-rays on cell structure & division of mouse intestine, ultraviolet microscopy 28522

***embryology***

morphogenesis of villi & musculature in chicks 4984

***fistula***

enteroumbilical with open Meckel's diverticulum, surg. indic. & technics (Fr) 17655

reno-intestinal (Rus) 45608

tubo-intestinal caused by tuberc., diag., hysterography, case report (Fr) 18083

tubo-intestinal, diag., hysterography (Fr) 36231

vesico-intestinal 53513

53514

vesico-intestinal, clin. manifest. 53515

vesicointestinal in generalized lymphosarcoma (Rus) 10802

***gangrene***

caused by Carica peltata (Ger) 55576

gas gangrene with septicemia in leukemia, case reports 52607

***hemorrhage***

caused by gastrointestinal neoplasms (Sp) 49156

caused by purpura of rectal mucosa with brucellosis, case report (Fr) 18558

fatal diffuse hemorrh. in child with vaccinia (Fr) 37876

method of identification of hemorrh. site in dog 22050

***infarction***

caused by thrombosis of superior mesenteric artery 2158

massive, caused by superior mesenteric artery embolism, autopsy assessment of potentialities of reconstructive vasc. surg. 52626

***innervation***

neural elements in posterior intestinal tube, pre- & postnatal variations in rabbits (Rus) 13570

***metabolism***

alginase in intestine & intestinal contents of sea urchin 54397

cholic acid, identification of desoxycholic acid as intestinal degradation product of C24-radiocarbon labeled cholic acid in rats 25418

fatty acid components, inhib. eff. of components on succinic oxidase activity in rat intestinal mucosa 40571

lipids, after oral & jejunal admin., in subjects of various ages (It) 47822

prod. of melanin-like pigmentation by intestinal mucosa cells in vitro 3483

serotonin localization in mucosa of dog intestine 5783

sodium, simultaneous flux into & out of dog intestine 47112

triiodothyronine in rat homogenates in vitro 49260

***microbiology***

Alcaligenes faecalis, pathogenicity 49994

bact. changes in kvashiorkor, relation to infect. 10396

bact. differentiation by alcoholic fermentation technic (Ger) 34486

bact., eff. on intracecal vacc. of rat against Yoshida rat ascites sarcoma 23965

bact. flora in healthy Indian women 27989

bact. flora maintenance, relation to nutrition in aged (Bul) 16432

bact. identification & differentiation based on glycoside metab. 25155

bact., lipid composition 23771

bact. transform. products of cholic acid in rats 1719

bacteriol. & parasitol. survey of enteric infect. in Alaskan Eskimos 24641

carriage of intestinal bact. by nematodes (Pol) 33753

colonization of orally administered tetracycline-resist. E. coli after treatment with broad spectrum tetracyclines (Ger) 46242

destruction of bact. balance by antibiotic ther., prev. & ther. (It) 52049



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

ECHO, Coxsackie & polio. viruses, review 54432

eff. of Glauber & bitter salt waters (Ger) 15463

eff. of penicillin in guinea pigs (Rus) 11478

eff. of polosium in dogs (Rus) 55803

eff. of N-pyrrolidinomethyltetracycline on flora after intravenous & intramusc. admin. (Ger) 13641

eff. of spiramycin on flora in inf. (It) 6957

eff. of streptomycin (Ger) 41745

enteroviruses in pig 7256

fecal flora in inf., eff. of weaning (Ger) 25266

flora in aged (Ger) 42250

flora, postmortem exam. (Ger) 34515

flora, relation to urinary indican in ment. disord. (Ger) 44210

helminths & protozoans in Americans residing in Formosa 47271

interactions between bact. & ascarides in intestinal scoroses of hogs & horses (Ger) 34516

kanamycin for intestinal sterilization 25018

Lactobacillus bifidus, specific nutritional characteristics in artificially fed inf. 35361

Lactobacillus parabifidus flora in newborn inf. (Ger) 33959

mediation of intestinal flora in vitamin C action on pantothenic acid defic., review 20021

preferential reduction of conjugated bilirubin to urobilinogen by normal fecal flora 20726

preop. reduction of flora by prep. containing neomycin & bacitracin (Ger) 13640

protozoa in child. & adolescents (Pol) 33729

role in resist. of mice to infect. by Salmonella introduced orally 46374

symbiotic activity of normal intestinal flora in child. (Ger) 16379

technics for in vivo studies on metab. of intestinal flora in domestic fowls 20917

yeast flora of horses, sheep, goats & swine 40834

yeasts during bacitracin & neomycin ther. 25134

***neoplasms***

angiomatosis, diffuse, in 7-year old child, diag. & ther. problems (Fr) 30457

classif. & surg. (Ger) 39070

hemangioendotheliosarcoma of lung, mediastinum & intestine (Fr) 43781

ileo-cecal, x-ray diag. (It) 3861

lymphosarcoma of ileo-ceco-appendicular region, pathways of spread (It) 53771

lymphosarcoma, with perf. & peritonitis, clin. pathol. conf. (Sp) 1620

metastases to penis 3384

mortal. in Gt. Brit., correlation with air pollution 40135

polyposis, familial, autosomal linkage 7195

with intestinal schistosomiasis, clin. statist. 38389

***pathology***

in mucocutaneous-ocular synd. 35712

***perforation***

in salmonellosis, with peritonitis, in child., clin. pathol. conf. (Sp) 37265

***physiology***

absorp., eff. of cerebrocortical inhib. & stimulation (Rus) 15764

absorp., eff. of concentration of sugar solutions in rats, comparison with poikilotherms (Fr) 26682

absorp. of animal & plant sterols (Fr) 26314

absorp. of carbohydrate & protein, eff. of nature of test meal in rat 17826

absorp. of carbohydrates & proteins in vitro, review 49704

absorp. of carbohydrates in sprue, determ. by xylose tolerance test 36249

absorp. of chloramphenicol, eff. of aluminum hydroxide 19854

absorp. of cholesterol, inhib. by β-sitosterol in mice (It) 37421

absorp. of dipeptides, in vitro & vivo studies 51103

absorp. of fats & fatty acids in cystic fibrosis of pancreas, radioiodine measurement 7874

absorp. of fatty acids in vitro study using intestinal segments from hamster 20769

absorp. of glucose, eff. of tolbutamide in rats 20791

absorp. of histidine & methionine, competition between L- & D-forms 51104

absorp. of immune proteins from colostrum in newborn inf., mechanisms, review 20039

absorp. of radiocobalt analogs of vitamin B12 substituted in benzimidazole group, relation to binding of intrinsic factor (Ger) 46211

absorp. of radiocobalt-labelled vitamin B12 bound by substance in pig liver 18426

active transport of D-methionine by intestine in vitro 28638

amino acid absorp. in severe malnutrition in inf. (Pol) 7811

arterenol release after electrical stimulation of sympath. nerves in cats 5787

cholesterol uptake, eff. of bile acids & other factors 35831

contraction caused by stretching, in isolated guinea pig intestine (It) 13973

derivation of demarcation potentials & monophasic action currents of intestinal musc. (Ger) 30566

digestion, physiopathol. (Fr) 15224

eff. of cooling & serotonin on peristaltic reflex of isolated guinea-pig ileum 14125

eff. of stimulation on lymph circ. in young dogs, age factor (Rus) 1745

eff. of tryptophan defic. diet on enterochromaffin cells & serotonin content in animals (Ger) 33986

eff. of various drugs on spontaneous motility & response to extrinsic nerve stimulation of isolated trout fish gut 14118

exper. ligation causing shock in rats, influence of various agents on survival 2059

fluid & electrolyte movement across intestinal wall of bullfrog 44140

funct. of intestinal lymphatic system (Ger) 33968

hyperabsorp. in aldosteronism with Cushing synd. (Fr) 31097

juice, enzymatic content of secretions from various segments in dogs (Rus) 48046

method for continuous perfusion & absorp. in jejunum of dog 4683

monosaccharide absorp., diurnal variations (Sp) 8858

motility & electrical activity in pancreatectomized dogs (It) 37398

motility after various surg. procedures, influence of anesthetics (It) 42484

motility, eff. of analgesics & analgesic antag. on isolated rabbit & puppy jejunum 17937

motor funct. on empty stomach (Rus) 1743

motoricity (Fr) 15204

substance P, eff. on peristaltic reflex of isolated guinea-pig ileum 14135

swallowable radiotransmitter for transm. of data on intestinal cond. & processes, construction & operation (Ger) 11181

22966

29089

tox. interoceptive reactions to Ascaris extracts (Rus) 18868

transfer of glucose & water in vitro, eff. of phlorhizin 51088

transport of fatty acids, review 20042

transport of glucose across the intestinal wall in vitro, inhibitors & reactivators (Ger) 29919

transport of glucose across the intestinal wall in vitro, relation to accumulation of lactic acid on serosal side (Ger) 29917

transport of glucose & phosphates across the intestinal wall in vitro, interrelationship (Ger) 29918

transport of phosphates across isolated intestinal wall, eff. of 2,4-dinitrophenol & thyroxin (Ger) 25881

vitamin B12 absorp. in man, inhib. by edathamil & reversal by calcium ions 44909

vitamin B12 absorp. in normal & in gastrectomized rats (Fr) 37841

vitamin B12 absorp. in normal & in gastrectomized rats, measurement by Schilling test (Fr) 37842

38754

***radiography***

horizontal fluid level, clin. significance (Rus) 55267

progr. 40657

use of fractional focus for spot radiography entrance & exit doses at increased voltage 5418

***rupture***

transverse, caused by blunt abdom. trauma (Ger) 55585

***surgery***

anastomosis, eff. of funct. of stump & surg. technic on normal funct. of neostomy (It) 25535

gastroenterostomy, compl., jejuno-jejuno-gastric invagination occurring 6 years later (It) 24939

gastroenterostomy, juxtapyloric in peptic ulcer & palliation of cancerous stenosis of pylorus, technic (Fr) 1456

gastroenterostomy, postop. transanastomotic tube feeding 23474

gastrointestinal anastomosis, postop. invagination of small intestine into stomach (Rus) 41548

ileocolorectoplasty (Sp) 21787

intestinal stomas, problems of placement & construction 22102

Noble operation in 1-month old dogs, application to young inf. (Fr) 42408

postop. invaginations & evagination of gastric mucosa into anastomosed loops after gastroenterostomy (Sp) 49152

preop. disinfect. with combined neomycin & bacitracin (Ger) 48355

preop. prep. with colimycin (Rus) 41535

preop. prep. with kanamycin 54742

reconstructive surg., methods (It) 47811

resection in aged, postop. care (Ger) 45974

resection, massive, 10 month follow-up, case report (Fr) 6301

substitute bladder form. from intestinal segment in contracture of bladder (Rus) 45595

terminolateral anastomosis 23480

uretero-enterostomy in palliative surg. of cancer of cervix (Ger) 6108

uroepithelium grafts to intestinal submucosa & muscularis in dog 5931

***transplantation***

reversed aeromusc. grafts for vaginal reconstruction in dogs 24495

***wounds and injuries***

closed, diag. & ther. (Rus) 41532

gunshot, in acute radiation sickness, morphine-ether anesth. in surg. in dogs (Rus) 10885

*INTOCOSTRIN see* CURARE

*INTRACELLULAR FLUID see* BODY FLUIDS

**INTRAOCULAR PRESSURE**

eff. of anesth. 34915

eff. of exper. cross circ. in rabbits 34918

eff. of insulin shock ther. (Fr) 14506

eff. of x-rays in cats & rabbits (Rus) 55264

hypertension in retinal detachment, favorable eff. (Fr) 20122

hypotonia in general dis. (Ger) 28860

in anaphylactic horse serum uveitis in rabbits (Ger) 43346

induced increase in rabbit by obstruct. of aqueous humor outflow 23885

oxygen pressure in anterior chamber & rate of oxygen saturation of aqueous humor (Ger) 46838

pressure response of 1 eye to change in intraocular pressure of other eye, inhib. of response by various drugs (Cz) 38388

***determination***

applanation tonometry 47055

determ. of loss of fluid during tonography, correction for error induced by deviation from average scleral rigidity 47074

Goldmann applanation tonometer 35770

tonography, new method (Fr) 43348

tonography, present status (Fr) 39171

tonometers, standard. 23868

tonometry, eff. of ocular rigidity 23437

tonometry in normal cond. (Ger) 51247

tonometry, range of error with gauged Schiötz tonometer (Ger) 28862

tonometry, scleral & corneal, comparison of reliability & clin. value 26073

***effect of drugs on***

acetazolamide & 5-acetylimino-4-methyl-Δ 2-1,3,4-thiadiazoline-2-sulfonamide, comparative eff. in animals & man 14105

acetazolamide, relation to blood bicarbonate & electrolyte balance 37605

adrenal cortex hormones in ther. of asthma 661

autonomic drugs (Rus) 49534

3,4-dichloro-5-sulfamoyl-phenyl-sulfonamide, evaluation as hypotensive agent in rabbits 23431

hypervitaminosis A in man & rabbit (Fr) 14513

pentolinium tartrate, failure to demonstrate activity by tonometry & tonography 13439

phenylephrine & diphenyl acetic acid 3-tropyl ester in dogs (Rus) 22566

*INTRINSIC FACTOR see* GASTRIC JUICE

**INTUSSUSCEPTION**

ileocolic, in adult 29920

intrauterine intussusception as cause of intestinal atresia 54685

***case reports***

(Bul) 41577

(Cz) 14884

cecocolic invagination (Ger) 42356

congen. reduplication of ileocecal valve presenting as acute intussusception 14256

etiol. & surg. (Rus) 18208

gastroduodenal, x-ray diag. & surg. 8571

haustro-colic invagination (Fr) 36657

ileo-ileal, caused by polyposis of small intestine in ascariasis in child (It) 44338

ileocecocolic, chronic postappendicectomy (It) 39677

jejuno-jejuno-gastric, 6 years after gastroenterostomy (It) 24939

post-traum., after penetrating abdom. wound 14210

recur., in Peutz synd. (Ger) 48352

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

retrograde invagination (Sp) 8815

small intestine into stomach through gastrointestinal anastomosis (Rus) 41548

unusual case 42129

x-ray diag. 3861

***complications***

mesenteric adenitis (Fr) 41438

***etiology and pathogenesis***

gastroduodenal, due to intramural gastric myoblastoma 50870

ileocecocolic, caused by lipoma of cecum, case reports (Fr) 51368

invagination of intestinal loops in stomach & evagination of gastric mucosa into loops after gastrectomy or gastroenterostomy (Sp) 49152

lipoma of cecum, surg. (Rus) 18232

postop. retrograde intussusception of afferent loop after gastroenteroanastomosis (Sp) 53330

retrograde invagination as late seq. to gastroenteroanastomosis (Ger) 42893

small intestine due to blunt abdom. trauma (Ger) 42938

***in infant and child***

acute, caused by enteric cyst & by adenomatous polyp, case report (It) 35579

acute, caused by non-tumoral lymphoid hyperplasia, surg. & recovery (Sp) 53916

acute with gangrene, surg., massive resection, case report (Fr) 18636

causes (It) 6887

diag. & management 8007

ileo-ileal in rheum. purpura, surg., case report (Fr) 6299

ileo-ileocecal invagination (Ger) 18317

ileocecocolic (It) 42538

ileocolic, case reports (Fr) 6390

ther., barium-enema reduction 30131

x-ray diag. & indic. & method of reduction by hydrostatic pressure 54862

***in pregnancy***

case report (Rus) 9876

***surgery***

ileocecal fixation to posterolateral body wall in ileocecal intussusception 8013

## INULIN

***see also*** KIDNEY FUNCTION TESTS

***effects***

on blood properdin level & resist. to exper. E. coli infect. in mice (It) 13930

***INVERTASE see*** CARBOHYDRASES

## INVERTEBRATES

***see also*** ARTHROPODS

***see also*** COELENTERATES

***see also*** CRUSTACEA

***see also*** ECHINODERMS

***see also*** HELMINTHS

***see also*** MOLLUSCA

***see also*** PROTOZOA

causing skin dis., review (Ger) 15276

## IODIDES

behavior in acid solutions of hemoglobin 49248

prescription incompatibilities of alkaloidal iodides 47094

reactions of benzylidene-aryl-amines with mixtures of magnesium & magnesium iodide (Ger) 47677

***administration***

potassium iodide with barium sulfate, enteric compression coated tablets 40355

***effects***

potassium iodide on thyrotropin action in hypophysectomized patients 50413

***in blood***

binding to proteins in adult salmon during migratory cycle (Fr) 15065

***injurious effects***

electrolyte disord. in iodide ther. of pulm. aspergillosis with cavitation 52644

recur. iododerma 15

***metabolism***

fixation by frog ovary (Fr) 26792

gastric & thyroid transport mechanisms, comparison in rats 49249

potassium iodide absorp. in pernicious anemia 50723

thyroid gland, depression by thiouracil or propylthiouracil in mice 49269

transport between thyroid & blood in mice & rats 47119

trapping without conversion into thyroid hormones in transplantable rat thyroid tumor in vivo & in vitro 49243

***therapeutic use***

metal iodides-salicylic acid-benzoic acid ointment prep. in ringworm of scalp caused by Microsporum canis (Fr) 37896

potassium iodide in ringworm (Heb) 49832

potassium iodide with prednisone in chronic primary aspergillosis of lungs (Fr) 53433

## IODINE

***see also*** ANTISEPTICS, HALOGEN

***see also*** PERIODIC ACIDS

blue-colored iodine cpds. of steroids (Ger) 46159

Lugol's solution, use in chem. diag. of pregn. (Fr) 43955

metab. requirement & use in prev. of goiter 49646

permeability in alcoholic solutions in chromatographic appar., relation to gram characteristic of cells 52403

physiol.-active concentrations (Rus) 3579

***deficiency***

eff. on growth of normal & of thyroidectomized rats 12550

***determination***

in air in short periods with Sandell-Kolthoff cericatalytic method (Rus) 41639

in biol. material by modified micromethod of Ellis & Duncan 25871

***effects***

iodized casein, on pentylenetetrazole pois. in mice (Rus) 37208

Lugol solution, on exper. hydatid cyst (Ser) 51678

on exper. arteriosclerosis (Cz) 2740

on morphol. of rat thyroid, eff. of various amounts of dietary iodine (Ger) 46208

on prod. of thyroid tumors in rats 41181

on skin reactivity (Rus) 33287

stable iodine eff. on thyroid uptake of radioiodine in sheep 12747

wescodyne, on antibiotic sensitive & resist. strains of Micrococcus pyogenes aureus 54706

***in blood***

abnormal levels of protein-bound iodine in congen. goiter in child (Fr) 36072

determ., indirect method (Ger) 32690

determ., modified Malkin screening test for artifactually high organic iodine cpds. 17591

determ. of protein-bound iodine by modified alkaline combustion method 32241

erythrocyte & plasma ratio in duck, chick & chick embryo, radioiodine determ. (Fr) 38681

erythrocyte-blood ratio & conversion ratio tests of thyroid funct. in pigeons (Fr) 48836

funct. relationship of content to basal metab. in rats (Fr) 15119

in thyroid dis., diag. value of butanol-extractable iodine 27080

in thyroid gland dis., diag. value (Ger) 22752

iodinated protein in hyperthyroid patients undergoing radioiodine ther., relation to serum albumin 52396

iodine value of cholesterol esters in blood, determ., technics for separation of esters 20765

low levels of protein-bound iodine in familial deafness with nonendemic goitrous cretinism 35326

physiol. & diag. value in thyroid dis., review (Sp) 43905

protein-bound & total levels, rapid determ. method 24402

protein-bound, determ. methods 351

protein-bound, determ. of distribution by electrophoresis & ultracentrifugation (It) 36745

protein-bound iodine determ. 32226

protein-bound iodine, eff. of acetazolamide in rats 46924

protein-bound iodine, eff. of thyrotropin (Sp) 8691

protein-bound iodine, improved determ. technic 38560

protein-bound iodine levels, elevation after admin. of contrast media 38519

protein-bound iodine test of thyroid funct., diag. value 42857

protein-bound, prolonged elevation in subacute nonsuppurative thyroiditis 12780

protein-bound, radioactive determ. as thyroid funct. test (Cz) 38123

protein-bound radioiodine determ. significance in hyperthyroidism 35135

protein-bound radioiodine in thyroid dis., diag. value, review (Fr) 25085

protein-bound, relation of level to propylthiouracil induction of goiter in rats 49257

thyroid funct. evaluation from radioiodine distribution ratio between erythrocytes & plasma (Fr) 43951

***in urine***

eff. of age on excretion, isotope study 18355

excretion in day-old chicks, radioiodine study 35137

radioiodine excretion as thyroid funct. test (Ger) 15457

radioiodine excretion as thyroid funct. test (It) 37387

radioiodine excretion test, diag. value (It) 3585

***metabolism***

concentration in cirrhotic liver 50063

disord. in cretinism (Dut) 51407

disord., with congen. hypothyroidism (Dut) 51409

distribution alterations induced in rats by mast cell disruption by various agents 2697

distribution in rabbits after inhalation or inject. of labeled iodide cpds. 29711

eff. of cortisone in normal & thyrotropin-treated rats (Ger) 46590

eff. of meprobamate-tridihexethyl iodide prep. on thyroid uptake & blood protein-bound radioiodine level 30114

eff. of oral iodized oil on thyroid uptake & blood protein-bound iodine concentration 50434

in endemic goiter among Finnish Aland Islanders 4847

in exper. scurvy in various phases, isotope study in guinea pigs (Pol) 43630

in sporadic goiter (Fr) 29216

incorporation into monoiodotyrosine & diiodotyrosine in rat thyroid gland 11906

iodine not dischargeable with sodium perchlorate in thyroids of thiouracil-treated rats, radioiodine determ. 15623

iodoproteins in normal & abnormal human thyroid tissue & in normal sheep thyroid 49245

iodoproteins in thyroid tissue & blood of rats with transplantable thyroid tumor 49244

protein-bound iodine in thyroid, comparison with other tissue, radioiodine determ. (Ger) 32681

radioiodine uptake in thyroid gland, test technics for x-ray technicians 33881

renal clearance of radioiodine as kidney funct. test (It) 39350

3-hour thyroidal uptake, eff. of food 4852

thyroid content, eff. of thyrotropic hormone in guinea pigs (It) 36748

thyroid content of thyroxinic iodine in dogs during pentothal anesth. (It) 36806

thyroid gland form. of iodinated cpds. in vitro 11900

thyroid fixation in hypothyroidism in twins (It) 42734

thyroid in hyperthyroidism, eff. of fluorine 17025

thyroid, physiopathol. (Fr) 26977

thyroid radioiodine uptake in case of subacute thyroiditis (It) 29805

thyroid, theory of funct. heterogeneity (Fr) 25522, 25524

thyroid uptake after ovariectomy in rats (It) 29715

thyroid uptake & differential tests, phys. features 35853

thyroid uptake as funct. test in toad (Sp) 44591

thyroid uptake, changes after aldosterone admin. in rats (It) 49581

thyroid uptake, contact method of direct determ. (Rus) 53452

thyroid uptake curve, diag. value (Fr) 11894

thyroid uptake, determ. method (It) 19190

thyroid uptake, eff. of acetazolamide admin. in humans 16837

thyroid uptake, eff. of perchloric acid ther. of hyperthyroidism, radioiodine test (Ger) 19399

thyroid uptake, eff. of reserpine admin. in guinea pigs (Fr) 3083

thyroid uptake, eff. of thyroid & systemic dis. & of various drugs, review 35854

thyroid uptake in chick embryo, indirect eff. of x-irradiation 11549

thyroid uptake in non-thyroid cancer (Sp) 21778

thyroid uptake of radioiodine, diag. value 14246

thyroid uptake, suppression by various thyroxin analogues in rats 49251

thyroidal uptake of radioiodine, eff. of 2, 4-D in rats 35372

transport in normal sheep thyroid & rat thyroid tumor slices, inhib. by cardiac glycosides 19603

uptake by infarcted heart 50061

uptake by thyroid & renal clearance in normal & adrenalectomized rats, eff. of estrone (It) 3863

uptake by thyroid & renal clearance in normal & adrenalectomized rats, eff. of progesterone (It) 3862

uptake by thyroid gland, eff. of x-irradiation (It) 53756

***radioactive***

as label for fat, limitations 41030

biol. action in various methods of admin. in rats (Rus) 31146

blood distribution in thyroid during various periods of time as thyroid funct. test, clin. value 17583

causing acute granulocytic leukemia after ther. of hyperthyroidism 43156

causing acute transitory psychotic reaction during hyperthyroidism ther. 47185



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

clin. & biol. applications, comparison of different iodine isotopes (It) 44324

decay of iodine-124, adaptation to ther. of thyroid cancer 30648

deiodination of radioiodine-labeled serum albumin injected directly into duodenum in dog (Fr) 48927

deiodination of radioiodine-labeled triolein injected directly into duodenum in dog (Fr) 48928

depletion from chick thyroid gland in assay of thyrotropic hormone in human blood & urine samples, limitations 49255

diag. & ther. of thyro-cardiac dis. 15266

diag. & ther. of thyroid & extrathyroid dis. (Ger) 52207

diag. & ther. use in hyper- & hypothyroidism, review (It) 8656

diag. of colon mucosal dis. by colon absorp. of various radioiodine-labelled substances 35858

diag. of cretinism, case reports (Sp) 44389

diag. of hyperthyroidism 352 26144

diag. of hyperthyroidism (Fr) 9106

diag. of lingual thyroid (It) 42749

diag. of thyroid cancer metastases 5162

diag. of thyroid dis. 4319

diag. of thyroid dis. (Hun) 43451

diag. of thyroid dis. in child. (Sp) 1804

diag. of thyroid dis., measurement of radioiodine uptake by Orbán's ionization chamber (Ger) 23741

diag. of thyroid disord. (Fin) 54635

diag. value in various clearance & distribution tests (Ger) 32689

diencephalic localization (It) 37477

differentiation of aberrant thyroid tissue from mediastinal tumors (Ger) 15363

distribution & elimination after inhalation as vapor & as particle in mice 55893

distribution in human organs (Rus) 53451

eff. on incidence of methylcholanthrene-induced sarcomas in rats 206

eff. on radioiodine tracer studies of organic iodide cpds. used in roentgenol. 30174

electrophoretic properties of radioiodine-labeled blood proteins 44900

fixation in thyroid cancer treated with intravenous yeast suspensions (It) 29685

gamma globulin labeling, determ. of CSF origin of protein bodies (Ger) 18334

I 131-labeled cistobil as contrast medium in cholecystography with scintigraphy (It) 19239

implant ther. of cancer of pancreas 11790

in human thyroids following Windscale reactor accid. 42982

in kidney funct. tests (Fr) 2480

in localization of thyroid neoplasms (It) 29684

induction of changes in lipid metab. in rats, eff. of phenylbutyric acid (Ger) 27881

irradiation of thyroid gland, dosimetry (Ger) 44310

labeled cistobil in cholecystography, absorp. in mice (It) 19240

labeling of serum albumin for metab. study in healthy child. (It) 41903

labelling of serum albumin for determ. of cardioportal circ. time with external scintillation counting, technic 35877

metab., thyroid funct. test & ther. of hyperthyroidism & thyroid cancer (Sp) 44423

photoelectric scanning method in x-ray differ. diag. of thyroid & parathyroid tumors (Ger) 39411

radioiodine & radiocarbon labelled p-iodobenzoyl groups in paired labeling of anti-tissue antibodies & control proteins for in vivo localization studies 16349

radiothyroidectomy, pathol. eff. in paranest 23467

simultaneous determ. with radiochromium in doubly-labelled blood, technic 17805

test of maternal & fetal thyroid funct. during pregn. & of intrauterine fetal death (It) 52104

ther. of cancer of thyroid (Ger) 31621 31622 31623 44311

ther. of carcinoma of lingual thyroid, case report 51329

ther. of cardiothyrotoxicosis, comparison with surg. (Fr) 43738

ther. of chronic heart dis. 29765

ther. of hyperthyroidism 17899 28540 37729 45810

ther. of hyperthyroidism (Fr) 9109

ther. of hyperthyroidism (Rus) 53454

ther. of hyperthyroidism, dos. (Rus) 32890

ther. of hyperthyroidism, eff. of blood sugar (Rus) 53453

ther. of hyperthyroidism in child., late appearance of thyroid nodules after ther. 50422

ther. of hyperthyroidism, ther. importance of determ. of weight of thyroid gland & clin. & biol. factors 35855

ther. of intractable angina pectoris by induction of hypothyroidism 1141

ther. of pulm. metastases of thyroid cancer, with desiccated thyroid 36977

ther. of thyroid cancer, single massive dose 31781

ther. of thyroid dis. (Ger) 15645

ther. of toxic nodular goiter 8472

ther. use (Sp) 21362

thyroid funct. & localization test in goiter of tongue root (Ger) 3947

thyroid funct. tests 1143 5177 29525 43711

thyroid funct. tests (Ser) 10919

thyroid funct. test by measurement of radioiodine in saliva 35857

thyroid funct. test, comparison with serum protein-bound iodine test 54859

thyroid funct. test, correlation of thyroidal clearance factor & percentage uptake 35856

thyroid funct. test, diag. value in internal dis. (Ger) 6678

thyroid funct. test in alcoholic cirrhosis (Fr) 1454

thyroid funct. test in child., simultaneous determ. of conversion rate & urinary excretion (Fr) 35355

thyroid funct. tests in thyroid cardiopathies, conversion factors (Cs) 2748

thyroid funct. test, neck/thigh diffusion factor (It) 37478

thyroid funct. tests, reduction of dose by use of I 132 instead of I 131 (Ger) 39412

thyroid funct. test, scintillation scanning (Fr) 50363

thyroid funct. tests, superiority of iodine 132 to iodine 131 26087 26088

thyroid funct. test, technic (Ger) 32690

thyroid funct. tests, technics & diag. value, comparison with basal metabolism & serum cholesterol determ. (Fr) 54463

thyroid funct. test, value of determ. of blood & liver radioiodine levels (Ger) 33663

thyroid gland funct. test in aged (Ger) 55403

thyroid metab. & funct. tests (Fr) 21361

uptake from radioactive fallout by cattle & distribution in fetuses 9564

venous backflow test of varicose veins (Ger) 32705

*therapeutic use*

alopecia areata, with paraffin (Rus) 9869

cardiovasc. dis., eff. on serum cholesterol & lipoproteins (It) 29669

hypertension, eff. on body fluid balance (Ger) 11000

iodine-formalin-tannin prep. in prev. of fungus dis. of foot (Rus) 45638

iodine-polyvinylpyrrolidone aerosol spray in surg., indic. 35874

precop. skin prep. (Rus) 51191

sodium iodine in cancer, with spinuline (Dut) 15992

*toxicity*

potassium iodate, subacute tox. in mice & guinea pigs 55010

**IODIPAMIDE**

in cholecystography, intravenous admin., with oral admin. of vesipaque (Ger) 51802

methylglucamine in hysterosalpingography (Sp) 21133

sodium, in tomography after cholecystectomy (Fr) 28227

sodium iodipamide contrast medium in common bile duct cholangiography (Ger) 15868

sodium iodipamide-hyaluronidase intramusc. inject. in cholangiocholecystography in inf. (It) 2966

sodium iodipamide in cholangiocholecystography, with subsequent planigraphy (Dut) 40467

sodium iodipamide in cholangiography (Ger) 22843

sodium iodipamide in cholecystography after failure with oral opaque medium 17287

sodium iodipamide in determ. of bile duct concentration capacity (Ger) 39385

sodium iodipamide in intravenous & peroperative cholangiography, comparison (Cs) 14878

sodium iodipamide in intravenous cholecystography, interpretation of horizontal illumination strips & fast sedimentation (Ger) 38899

***IODIZED OIL** see* **CONTRAST MEDIA**

**IODOACETATES**

*effects*

hypoglycemic eff. of monoiodoacetic acid & iodoacetamide in rats 7158

inhib. of nucleic form. & growth of cartilage in calcification of rachitic rat slices 1381

insecticidal properties & mechanism of action (It) 31714

sodium monoiodoacetate on ionic & tetanic reactions of isolated musc. fibers of frogs & rats (Rus) 13844

*poisoning*

eff. of exper. pois. on electric activity of individual fibers of optic nerve & on electroretinogram in cats (Ger) 33942

eff. on musc. response to pyruvate, differences in animals & insects (It) 31723

exper., eff. of age & body temperature on survival of rats in nitrogen atmosphere 17365

***IODOACETIC ACID** see* **IODOACETATES**

***IODOGORGOIC ACID** see* **THYROXIN, *related compounds***

***IODOPYRACET** see* **CONTRAST MEDIA**

**ION EXCHANGE RESINS**

amr exchange resins in tubeless analysis of gastric acidity (Dan) 22436

chem. structure (Fr) 44757

cation exchange resin masoten, mechanism of action (Ger) 3242

cation-exchange resin-treated milk in inf. nutrition (Rus) 33493

determ. of barbiturates (Dut) 30636

fixation of metals (Fr) 44759

formic acid-ion exchange resin method for bone decalcification, evaluation 17712

in prep. of water of high purity 52201

in purification of fructose, technic 16713

in soils, physicochem., review (Fr) 44762

in study of biol. replication of desoxyribonucleic acids 10198

method of prep. of potable water (Fr) 44758

pharmaceutical & med. uses (Ger) 13373

wofatit F in prep. of precipitates of Reinecke's salt for titrimetric determ. (Ger) 20323

wofatit KPS 200 in quantitative determ. of nicotinic acid (Ger) 53093

*effects*

growth-supporting eff. of anion exchange resins for Hemophilus pertussis 28398

on hypertension induced by renal ischemia in rats (Fr) 48887

reduction of acute tox. of various pharmacol. agents 55005

*therapeutic use*

cation exchange resins in hyperkalemia 11801

cation exchange resins in lowering elevated blood ammonia levels, appar. & technic 22057

diarrhea 5184

in veterinary clin. practice (Fr) 44761

masoten in epilepsy (Ger) 27018

review (Fr) 44760

**ION TRANSFER**

*see also* **ELECTROPHORESIS**

anion-exchange chromatography of quinine in Cinchona alkaloid mixtures (Dut) 53091

cation exchange activity of melanin 29860

cation exchange properties of bentonite with application to assay of pharmaceuticals 40373

exper. iontophoresis with radiophosphorus in toads (Sp) 951

ion exchange, clin. value review (Cs) 38338

iontophoresis of ethylmorphine & calcium chloride in ther. of severe cough & serous pleurisy in pulm. tuberc. (Dut) 32799

iontophoresis of histacon in ther. of circ. disord. & rheum., with kneipp steam ther. (Ger) 39949

iontophoresis with moving acid boundary in separation of bile salts 7179

neostigmine & pyridostigmine bromide iontophoresis in ther. of funct. colon disord., mucosal penetration under continuous current (Fr) 39497

**IONIZATION**

currents induced in dielectrics of ionization chambers through action of high-energy radiation 44295

**IONS**

cation exchange in slices of rat kidney cortex, eff. of mercaptomerin 17964

cation transport of rabbit lens, eff. of methylene blue & other dyes 47039

constancy of membrane potential in spontaneous changes of ion gradients in normal & denervated rat diaphragm (Ger) 30532

distribution in solution of hyaluronic acid-protein complex 13728

extracellular & intracellular musc. concentration, relation to neuromusc. excitability & fatigue in rats (Fr) 14379

ion fluxes during action potential in Chara 51095

ionic requirements for prod. of action potentials in crustacean musc. fibers 5781

ionized state of low-molecular weight & water-soluble biosynthetic intermediates at neutral pH & its significance 47716

movements across isolated frog large intestine 50563

regulation of cationic balance between myocardial cells & surrounding liquids in isolated frog heart (Hun) 41632

relation between charge of ion & its velocity 49857

skin permeability, eff. of ointment bases (Hun) 37238

tench survival in tricationic solutions, eff. of magnesium (Fr) 26929

transmembranous exchange in hypothermia (Fr) 24052

transport across isolated frog skin, role of corium 4810

***effects***

alkaline & alkaline-earth ions applied in monocationic solutions in pulm. cavity on pulm. circ. in frogs (Fr) 26872

anions, on activity of gustatory receptors in tongue-glossopharyngeal prep. from frog 16470

circ. changes induced in frog lung by bicationic solutions of alkaline & alkaline earth ions introduced into the pulm. cavity (Fr) 48881

reversal of antibiotic action of actidione by bivalent metal ions 52449

***in blood***

cation changes during acute hyperventilation in dogs (Fr) 15105

cation content of phospholipids from swine erythrocytes 17317

cation transport by cattle erythrocytes (Ger) 33607

cations, eff. of hypothermia on levels in cat (Pol) 30694

eff. of small doses of x-ray & isotopes (Ger) 22807

***therapeutic use***

ionized & oncnized water vapor, in infected wds. & leg ulcers (Fr) 36516

Ionized & oncnized water vapor, in infected wds., sores & ulcers (Fr) 36517

***IONTOPHORESIS*** ***see*** **ION TRANSFER**

**IPECAC**

***see also*** **EMETINE**

chiefs in workers collecting ipecac in tropics of So. Amer. (Sp) 18860

O-methylpsychotrine, chem. (Ger) 1321

***IPRONIAZID*** ***see*** **NICOTINIC ACID ISOMERS**

***IRGAPYRIN*** ***see*** **AMINOPYRINE**

***IRGAPYRIN*** ***see*** **PHENYLBUTAZONE**

**IRIDOCYCLITIS**

***etiology and pathogenesis***

sarcoidosis, with late develop. of papulonecrotic eruptions of legs, case report (Fr) 37872

***in infant and child***

in Still's dis. 8385

***therapy***

phenylbutazone (Rus) 22565

**IRIS**

***see also*** **PUPILS**

photocoagulation in rabbits 84

unusual pigmentation (Dut) 7347

***abnormalities***

aniridia, bilateral, ther. in prev. of blindness, case report 20108

mesodermal dysgenesis of cornea & iris, with oligodontia (Ger) 51370

***anatomy and histology***

spongy structure of human iris 23855

***cysts***

(Ger) 51712

***diseases***

Fuchs' synd. with Hallermann-Streiff type mandibulofacial dysostosis (It) 13942

Fuchs' synd. with progressive facial hemiatrophy & alopecia (Fr) 40869

iridocheisis 35770

rubeosis iridis diabetica 23859

rubeosis iridis diabetica (Ger) 15401

white spots, etiol. & case report 12447

***neoplasms***

anatomopathol. (Ger) 51266

malignant melanoma without pigment, case report (Pol) 28844

melanoma, malignant (Fr) 11949

melanoma, malignant, clin. manifest. & histol. 87

***physiology***

influence of isolation of dorsal iris from neural retina on lens regen. after excis. in salamanders 12939

***surgery***

iridencleisis, modified method (Hun) 45373

iridenclesis, pathol. & anat. & reasons for success & failure (Fr) 14514

***wounds and injuries***

contusion of epithelial pigment layer (Ger) 28893

**IRITIS**

differ. diag. from glaucoma & ther. (Fr) 54624

***case reports***

brucellar iritis (Fr) 7065

with sacro-illitis in Reiter's dis. 14182

***etiology and pathogenesis***

serous iritis as first sympt. of trachoma (Ger) 51256

***experimental***

develop. cond. & serol. changes in aqueous humor in hyperergic iritis in rabbits (Cs) 38304

electrophoresis of proteins in aqueous humor of anterior chamber in rabbits (Pol) 28847

**IRON**

***see also*** **FERRITIN**

absorp. mechanism & efficacy of various pharmaceutical prep. 10277

cost of oral iron prep. in Brit. family & hosp. pract. 6208

ferric chloride reactions with alkylated phenols & use in quantitative spectrophotometric determ. of phenols (Ger) 47680

ferriprotoporphyrin, spontaneous change in alkaline solution 52296

ferrous gluconate (Dut) 43586

hydroxylation of desoxycorticosterone by oxygen-ferrous ascorbate model system in vitro (Fr) 3051

in succinic dehydrogenase of bovine myocardium, role in electron transfer activity 47939

iron prep., proposals for German Pharmacopeia (Ger) 20325

***administration***

oral admin. 48169

resorption of iron after admin. per os in chelate form for anemic inf. (Fin) 49210

***deficiency***

***see also*** **ANEMIA, HYPOCHROMIC**

eff. on Bacillus megatherium sporulation, relation to nitrogen assimilation (Fr) 15081

eff. on catalase in erythrocytes & liver & cytochrome c in kidneys of rats 17598

ther., parenteral iron prep., indic. & compl. 54861

***determination***

cytosiderin in histiocytic-fibroblastic tumors of skin (Ger) 27495

in blood & urine in idiopathic hemochromatosis, eff. of edathamil calcium (Fr) 35149

in calcium chloride, edathamil technic (Ger) 39710

in tissue, electron microscopy, review (Ger) 27373

***effects***

activation of 5'-nucleotidase from Clostridium sticklandii extracts by ferrous ion 40554

comparison of tendency to cling to glass & hemagglut. produced in erythrocyte suspensions by ferric chloride & influenza virus 19669

ferrous ions on smooth musc. under various exper. cond. in situ (Ger) 29913

on gastrointestinal system, oral admin. 6174

on iron-containing proteins in various tissues of Walker carcinosarcoma 256 rats 28525

on musc. action potentials in normal subjects (It) 37364

on oxytetracycline prod. by Streptomyces rimosus 23770

prolonged intravenous admin. in normal & in anemic rabbits, gross & histopathol. aspects 51284

protection of vitamin B12 against destruction by vitamin B1 & nicotinamide 51082

***in blood***

comparison of uptake with iron binding capacity in diag. of hypochromic anemia (Dut) 29971

determ. (Dan) 45529

determ. & metab. 349

determ. by bathophenanthroline test 41041

determ., diag. value (Ger) 11016

determ. in normal humans & in certain blood dis., comparison (Rus) 44018

determ., method (Fr) 36563

determ. of iron in blood & blood iron-binding capacity 38514

discovery by Vincenzo Menghini in 18th century (It) 2505

eff. of cobalt ther. of anemia (Ger) 1789

eff. of dyspnea 46599

eff. on liquefaction of vitreous body in rabbits 667

eff. of parathyroid gland hormone (It) 1983

erythrocytes, determ., Pearl's method (Rus) 36889

funct. of iron bound to xanthine oxidase in internal electron transport 40526

in acute hepatitis 49718

in child., demonstration of autonomic NS regulation of metab. by admin. of acetylcholine & atropine (Sp) 21222

in child. in normal & pathol. cond. (Sp) 21221

in general adaptation synd., eff. of surg., drugs & lumbar puncture on levels in child. 28466

in infect. hepatitis, eff. of prednisolone (Ger) 22755

in liver dis. (Tur) 45444

in sulfhemoglobinemia caused by chloronitrobenzene pois. (It) 42219

in uterine leiomyoma (Ger) 11455

increase in exper. hypochromic anemia induced by sodium fluoride, in rabbits (Fr) 26795

increased level after nicotinic acid admin. in normal & in anemic patients 11972

iron-binding capacity determ. in pregn. (Ger) 47640

iron cycle (Fr) 54290

iron kinetics & synthesis of hemoglobin, quantitative evaluation using radioiron (It) 42737

non-hemoglobinic iron in erythrocytes in erythropathies, determ. (Fr) 9011

plasmatic iron & synthesis of hemoglobin (Fr) 54298

protein-bound, transfer to human reticulocytes 50464

radioiron uptake by erythrocytes in rats, eff. of cobalt admin. 5255

radioiron uptake by erythrocytes in rats, eff. of nitrogen mustard admin. 5256

sex differences in level, causes (Dut) 43050

sideremia & siderocytosis in liver dis. patients (It) 11955

transferrin, saponium precipitation & subsequent isolation (Fr) 28341

uptake by blood proteins in hypochromic anemia & in normal cond. in child. (Rus) 43548

variations in iron levels & in iron-binding capacity in patients treated with corticoids 11977

***injurious effects***

iron pentacarbonyl tox. in mice & rats, indust. hyg. aspects 34864

recur. arthralgia & cellulitis after intramusc. iron-dextran ther. of anemia 52629

***metabolism***

(Fr) 32030

absorp. after Billroth I & II partial gastrectomy 11870

absorp., eff. of total gastrectomy in dogs 22000

absorp. from graded doses in normal & hypochromic anemic patients, application to iron absorp. tests & mucosal block theory 26034

absorp. problems 33668

as index of erythropoietic damage & recovery in monkeys exposed to nuclear radiations, radioiron determ. 47126

Azotobacter vinelandii, intracellular localization 3491

block of mucosal absorp. of iron after oral admin. of large doses of inorganic iron in man 5254

blood & bone marrow, eff. of total-body x-irradiation 32676

bone marrow, in chronic scurvy in guinea pigs (Fr) 26606

cellular transform. of injected colloidal iron complexes into ferritin & hemosiderin 50533

changes caused by early toxic reactions to chloramphenicol in man 4050

content in tobacco mosaic virus & its infectious nucleic acid 40500

disord., ther. (Fr) 20603

duodenal mucosa in exper. anemia in guinea pigs (Fr) 26923

eff. of hypophysectomy in rats (It) 11983

eff. of x-ray on tissue distribution & erythropoietic activity in bone marrow & spleen in rat 26030

hair (Ger) 11188

hemopoietic system, eff. of radiophosphorus (Rus) 51761

in blood donors 55345

in blood donors (Dut) 7320

in blood donors, determ. by oral iron admin. (Ger) 6699

in blood donors, eff. of repeated donations (Ger) 21647

in erythroblastic anemia, clin. study & review (It) 27762

in exper. infect. in rabbits (Ger) 21633

in hemochromatosis, review 42147

in hypochromic anemia, review 30193

in infect. (Ger) 38959

in liver dis. (Ger) 32693

in liver dis. (It) 54217

in mature, immature, normal & pathol. human placenta (Ger) 25196

in normal cond., anemia, leukemia & polycythemia vera, role in synthesis of hemoglobin (It) 53760

in premature inf., sideroblast count of bone marrow (It) 42781

in skin dis., tissue iron content determ. by iron loading tests (Hun) 13681

in tumor-bearing rats with anemia after inject. of radioiron-labelled erythrocytes 17774

involvement of ferrous iron in biosynthesis of δ-aminolevulinic acid by chicken erythrocyte prep. 7152



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

iron & iron-containing enzymes in anemia & siderosis, review 30234

liver, spleen & blood in exper. radiation-induced anemia (It) 53791

Micrococcus pyogenes aureus, binding in presence of 8-hydroxyquinoline 41315

non-hemin iron content of human brain at various ages 41206

protein oxidation by vitamin C-ferrous ion-oxygen system (Fr) 15130

relation of iron kinetics to synthesis of hemoglobin (It) 44321

role of spleen, exper. study (It) 33603

stainable iron in bone marrow, diag. significance (Cz) 36539

stainable iron in bone marrow specimens, incidence & clin. significance 38401

time factor in redistribution of excess storage iron & relation between ferritin & hemosiderin in liver & other organs 12471

tissue content, eff. of blood transfusion (Pol) 20185

transport & hemoglobin synthesis, analysis of exper. data (It) 37325

transport & hemoglobin synthesis in various blood dis. (It) 37326

turnover for hemoglobin form., eff. of ACTH & other pituitary & thyroid hormones 32694

uptake by bone marrow, blood & various organs, eff. of propylthiouracil admin. to rats 11971

*poisoning*

causing fibrous stricture of stomach in child. 31640

ferrous sulfate, case report 5859

ferrous sulfate pois. in inf., ther., exchange transfusion 5730

*radioactive*

determ. of eff. of erythrocyte aging on osmotic resist. in dogs (Ger) 11223

iron-52 as tracer in med. & biol. 52290

labelling in determ. of blood plasma volume, comparison with erythrocyte volume (Ger) 34031

*therapeutic use*

α-aminoacetic ferrous sulfate complex in anemia (Sw) 32851

α-aminoacetic ferrous sulfate complex in hypochromic anemia in pregn. 43792

α-aminoacetic ferrous sulfate complex in pediatric dis., eff. on hemoglobin levels 43793

anemia, hypochromic, in inf. (Ger) 42299

anemia in pregn. (Dut) 29993

anemia in pregn., parenteral admin. 7631

anemia in pregn. & gyn. dis. intramusc. admin. (Sp) 39617

anemia, iron-cobalt combination (Por) 39469

ferric chloride in cervical erosions (Pol) 27590

ferrous chloride solution in otitis media (Rus) 55222

hypochromic anemia in female genital cancer, iron-cobalt prep. in prev. & ther. (It) 6857

hypochromic anemia, intramusc. admin. (Ger) 52173

importance of blood iron determ. before starting iron inject. 19903

iron compound-dried yeast prep. in iron defic. anemia with cramping of gastrocnemius musc. in pregn. (Ger) 11436

iron-dextran complex in anemia of pregn., intramusc. admin. 20066

22165

iron-dextran complex in hypochromic anemia (Ger) 55380

iron-dextran complex in hypochromic anemia, intramusc. admin. (Fin) 27277

54062

iron-dextran complex, intramusc., in hypochromic anemia in child., comparison with oral ferrous sulfate 41264

iron dextran complex, saccharated iron oxide & ferrous sulfate, gluconate & succinate, in hypochromic anemia, in pregn., comparison 53228

reduced iron with bact. metabolite prep. hylak-f, cobalt chloride & vitamin C in hypochromic anemia (Ger) 1588

saccharated iron oxide in rheum. arthritis, results of intravenous admin. 36303

IRRIGATION

of frontal sinuses, catheter for (Ger) 19321

of maxillary sinus through middle meatus 6243

retrograde irrigation with citric acid solution for dissolution of renal phosphate calculi 33122

IRRITANTS

*see also* CANTHARIDES

*see also* SALICYLATES

*see also* SCLEROSING SOLUTIONS

counter-irritants, mechanism of anti-inflamm. eff. 35819

4-hydroxy-3-oxo-benzoxathiole, pharmacol. (Ger) 36936

*effects*

histopathol. reactions in animals to weak irritation (Rus) 37220

skin reaction to chem. irritants, measurement by trypan blue & skin-twitch tests 55009

*therapeutic use*

β-butoxyethyl-nicotinic acid-nonylic acid vanillamide ointment in Sudeck synd. (Ger) 55714

4-hydroxy-2-oxo-benzoxathiol in acne (Ger) 39085

4-hydroxy-2-oxo-benzoxathiole in acne vulgaris, local admin. (Ger) 32974

nisalin ointment prep. in rheum. synd. 18799

rubefacient ointments in osteoarthritis of spine 14078

terpene-nicotinic acid ointment for skin irritation in ther. of upper resp. tract infect. (Ger) 39063

ISCHIUM

posttraum. calcification of obturator membrane causing neuritis of obturator nerve (Ger) 41707

*diseases*

avulsion of epiphysis of ischial tuberosity, case report & x-ray manifest. 6493

exostosis causing sciatica (Ger) 34258

osteochondritis ischiopubica, case report (Fr) 54185

osteochondritis, ischio-pubic, case report (Rus) 29164

tuberc., ischiopubic (It) 39672

*surgery*

removal, complicated by perineal urethral diverticulum 28146

ISLANDS OF LANGERHANS

*anatomy and histology*

A cells, new method for demonstration (Fr) 35022

diurnal changes in mouse cells (Pol) 20186

electron microscopy in rats (Ger) 15625

halo phenomenon in acinar cells around islet cells in rats (It) 3587

quantitative determ., count technic (Fr) 26957

quantitative relation of alpha-cells & islets to sympath. ganglia in juxta-duodenal & juxta-splenic pancreas in guinea pigs (Fr) 48895

staining technic (It) 1919

*blood supply*

capillary network in normal & in pregn. rats, eff. of alloxan & cortisone admin. (It) 49590

vasc. system studies in mice 35113

*diseases*

(It) 32092

carbutamide in rabbits (Pol) 30388

carbutamide in rats 11911

necrosis in newborn inf., with renal tubular necrosis 23514

*effect of drugs on*

ACTH & tolbutamide, eff. of prolonged admin. on islet regen. after partial pancreatectomy in rat (Ger) 1602

alloxan, mechanism of initial eff. based on lipid degen., response to fludrocortisone (It) 39356

cholinesterase antag. in guinea pigs (Fr) 36828

cobalt chloride solution, on alpha cells, in rabbits (It) 25645

cobaltous chloride on guinea pigs, electron microscopic study 3354

glucagon & elastase on histol. in chickens (It) 48125

sulfonylureas on β-cells (It) 21428

tolbutamide on beta cell funct. 16689

tolbutamide on dry weight of cytoplasm, comparison with exocrine cells (Ger) 27418

*metabolism*

radiophosphorus uptake after starvation or glucose admin. in rats 23788

zinc compound in animals, histochem. (Ger) 23076

*neoplasms*

case reports & morphol. & endocrine aspects (Ger) 12085

diag. by insulin sensitivity test 51930

epithelioma, case report (Fr) 1460

funct. islet-cell adenoma with nontropical sprue, case report 13165

insulinoblastoma causing hyperinsulinism, surg., partial pancreatectomy (Sp) 47831

insuloma, diag. (Ger) 30090

islet cell adenoma (Ger) 23205

islet cell adenoma in psychiatric patients 16394

islet cell tumor in child, case report 37659

non-insulin secreting adenoma with refractory watery diarrhea & hypokalemia, case reports 573

ulcerogenic adenocarcinoma, misdiag. as prostate cancer & duodenal carcinoid, case reports 43701

ulcerogenic islet cell tumors, case reports 35883

Zollinger-Ellison synd. 14642 35689 43151 51338 51339

Zollinger-Ellison synd. (Fr) 31983

Zollinger-Ellison synd. (It) 51994

Zollinger-Ellison synd. with steatorrhea as predominant manifest. simulating malabsorp. synd. 583

*pathology*

cellular infiltration in diabetes mellitus in child. 11753

eff. of exper. hypoglycemia on histol. of alpha cells in rabbits 313

eff. of prolonged darkness on alpha & beta cells in rabbit (Pol) 7775

electron microscopy in alloxan-treated rabbits 34955

in diabetes mellitus pathogen. (Ger) 15639

*physiology*

insular tissue of turtle Testudo graeca, histophysiol. (It) 25644

insulin contact action & action on neighboring cells (Ger) 3269

morphol. criteria for evaluation of activity, review (Ger) 15626

quantity of insulin extractable from diabetic pancreas (Ger) 51811

reactions & responses to various substances (Fr) 26196

ISOFLURAPHATE

*effects*

on isolated rat phrenic nerve-diaphragm prep., relation to end-plate depolarization 28615

on nerve-musc. prep., response to tetraethylammonium 34008

on perception of tactile sensation in human volar skin 17528

on rat diaphragm, combined eff. with botulinum toxin 23990

suppression of increased capillary permeability in thermal burns in rats 19595

protective eff. of oximes of bis-pyridinium ions in mice 52297

*ISOLEUCINE see* LEUCINE

ISOMERASES

glucuronate isomerase from Serratia marcescens, enzyme actions 1718

phosphoribose isomerase activity measurement & properties (Ger) 25899

phosphotriosetsomerase activity in cow udder, determ. from distribution of radiocarbon after inject. of labeled glucose 40475

uridine-diphosphogalactose-4-epimerase in Saccharomyces cerevisiae & fragilis, adaptive nature 1673

uridine diphosphogalactose-4-epimerase of yeast, correlation between activity & fluorescence 47708

uronic acid epimerase in Diplococcus pneumoniae type I 13767

*in cerebrospinal fluid*

phosphohexoisomerases, in meningeal tuberc. (Pol) 43680

ISONIAZID

*see also* TUBERCULOSIS, *therapy*

(Rus) 31316

chem. reaction with glucuronic acid or its sodium salt, structure of condensation product 14925

eff. of BCG vacc. on sensitivity in tuberc. guinea pigs (Jap) 20690

isoniazid-PAS combinations, conductance, solubility & spectrophotometric data 16708

reaction with 2,4-dinitrochlorobenzene, mechanism & use in colorimetric determ. of isoniazid (Ger) 47666

*effects*

inhib. of catalase activity of Mycobact. & beef liver (Fr) 13800

inhib. of diaminopimelic acid decarboxylase activity of M. tuberc. 31338

inhib. of DOPA-decarboxylase (Ger) 29897

on antituberc. hemagglutinins, blood proteins & gamma globulin in rabbits in various exper. cond. (It) 24927

on BCG bacilli, resist. (Jap) 41495

on blood constitution & leukocyte resist. in guinea pigs (It) 42631

on body weight, weight & histol. of female genitalia & weight of offspring of rats, after prolonged admin. (It) 3909

on body weight & nitrogen metab. in normal & hungry animals (Rus) 3575

on carboxylase activity in vitro (It) 13991

on exper. inflamm. in mice, synergism with prednisone 24811

on exper. tuberc., alone & with tuberculin (Fr) 21399

on exper. tuberc., develop. of immunity during isoniazid treatment after massive & minimal infect. with virulent M. tuberc. strain 35910

on exper. tuberc. in mice, methods of testing & evaluation of results 25855

on exper. tuberc. of lymph nodes, renewal of infect. in guinea pigs (It) 24929

on exper. tuberc. with kanamycin-resist. M. tuberc. in guinea pigs 16463

on exper. tuberc., with streptovaricin, in guinea pigs (Fr) 36081

on female genitalia in guinea pigs & mice (It) 44281

on Hemophilus pertussis (It) 31721

on immun. induced by BCG vacc. in guinea pigs (Fr) 13031

on incidence of tuberc. in child. in Milan (It) 42792

on M. tuberc., develop. of atypical variants of H37Rv strain in vitro 24732

45455

on M. tuberc., develop. of resist. strains highly pathogenic for guinea pigs (Fr) 13050

on M. tuberc., eff. of various drugs on bacteriotropic activity 12819

on M. tuberc., initial sensitivity of strains isolated from patients with untreated primary pulm. tuberc. (It) 24920

on M. tuberc., mechanism of increase of bacteriotropic potencies in presence of p-aminobenzoic acid 24738

on M. tuberc., non-selective mechanism of develop. of resist. (Fr) 48931

on M. tuberc., relation of drug-resist. to bact. virulence (Jap) 29690

on M. tuberc., relation of drug-resist. to bact. virulence based on catalase activity (Jap) 28696
41486
on M. tuberc., relation of resist. to enzyme defic., review (Fr)
on M. tuberc., resist. (Dut) 52480
on M. tuberc., resist. accompanied by decreased catalase activity & virulence (Hun) 10582
on M. tuberc., resist. in tuberc. in adolescents, eff. on progn. & ther. (Ger) 10554
on M. tuberc., resist., mechanism of attenuation of their pathogenicity (Fr) 13032
on M. tuberc., sensitivity & resist. in relation to biochem. (It) 1540
on M. tuberc., survival & growth after removal of drug (Jap) 18169
on Mycobact. paratuberc. cultures on solid media containing various concentrations of TB broth base (It) 37441
on Nocardia asteroides in vitro & in vivo (Fr) 47420
on mineral retention & liver enzyme activities in vitamin B6-defic. rats 17811
on reactivity of body to pathol. phys. & chem. stimuli, mechanism of action 54421
on response of guinea pigs to BCG vacc. & Petragnani's anatuberculin vacc. (It) 43268
on secretory capacity of tuberc. kidney (Fr) 46769
on tissue bact. counts in minimal tuberc. infect. in guinea pigs (Ger) 36999
on tox. of oxalates for rat (Sp) 8862
on tuberculin reaction in tuberc. child. (Fr) 20671
on urinary cysteic acid & taurine excretion in rats (It) 37456
on vitamin B6 metab., defic. & xanthurenic acid urinary excretion in pregn. (Ger) 18323
prolonged admin. causing reduced biliary elimination of taurocholic acid in rats (It) 37328
prolonged admin. causing reduced urinary elimination of taurine in rats (It) 37327
prolonged admin. on resp. & metab. of mouse liver slices (Ger) 43601
sarkomycin-isoniazid complex on exper. tumors in rats 40428
tissue reactions in exper. tuberc. foci, comparison with streptomycin & PAS (Fr) 21400
unspecific mechanism of action (Ger) 45932

***in blood***

comparative concentrations after oral admin. in people of European & Japanese descent, genetic & ther. significance 24737

***in urine***

detection method 10528

***injurious effects***

allergy, skin tests (Bul) 32779
dermatitis & hepatitis (Ber) 33367
in child. (Cz) 38314
neuritis, peripheral, prev. by vitamin B6 4485
pellagroid skin changes (Dan) 10610
psychoses following ther. of tuberc. & silicotuberc. (Ger) 25391
side eff. in ther., prev. (Bul) 32812

***metabolism***

absorp., distribution & excretion (Rus) 49437
acetylation & inactivation after ther. admin., prev. by admin. with PAS (Fr) 39865
eff. of aminopterin antag. on isoniazid acetylation 44114
high-level inactivation in human body after clin. admin. (Ger) 37009
in pulm. tuberc., alone & with PAS (Fr) 32321
isoniazid & isoniazid deriv. (Ger) 34358
M. tuberc. BCG, relation to mode of action of isoniazid 12820
review (Pol) 53205
uptake by washed cell suspensions of Mycobact. & other organisms 25777

***related compounds***

N-acetylglucosaminoisoniazid, exper. & clin. evaluation (Ger) 52199
aryl deriv. & 2-aryl-3-isonicotinamido-4-thiazolidones, synthesis & antibact. activity (It) 39316
cyanacetic acid & isonicotinic acid hydrazides, condensation products with isoxazole ketones (It) 49409
2-furoyl hydrazide, etc. on M. tuberc. (Ger) 55493
isoniazid-PAS & sulfoniazid, eff. on cell division in plants (Fr) 24904
isoniazid-PAS, chem. properties & biochem. (Ger) 36942
isoniazid-PAS cpd., microphotometry of disintegration in solution (Ger) 42458
isoniazid-PAS sensitivity of M. tuberc., comparison with isoniazid & PAS alone (Fr)
isoniazid-PAS, ther. of pulm. tuberc. 48879
N-isonicotinyl-N'-(1-methyl-2-phenyl-ethyl)-hydrazine, inhib. of monoamine oxidase, comparison with iproniazid 12796
N-(α-methylfurfuryl)-isoniazid (It) 44091
1-phenyl-3,6-pyridazinediones & 3,6-pyridazinediones, tuberculostatic eff. in vivo & in vitro (Ger) 52054
3,6-pyridazinedione inhib. of mitosis of pea seedlings by interaction with sulfhydryl groups 32317
sulfoniazid in various types of tuberc. (It) 13724
sulfoniazid metab. in rat tissue, radiosulfur determ. (Fr) 39525
26846

***therapeutic use***

angina pectoris (Sp) 20616
chronic erythema & cutaneous tuberc., with oral BCG (Hun) 48075
depression (Fr) 47453
indic. for isoniazid antituberc. prophylaxis in nontuberc. dis. 930
isoniazid - 2-methyl-1,4-naphthalenediol diphosphate-2-diethylaminoethyl-(2-phenyl) butyrate prep. in whooping cough (Ger) 19446
multiple sclerosis (Bul) 45312
multiple sclerosis, alone & with streptomycin, comparison with cortisone (Ger) 33866
pemphigus vulgaris, case reports (Fr) 37879

***toxicity***

comparison of prep. containing pharmaceutical & molecular combination of PAS & isoniazid in rabbits (Fr) 36865
eff. of cycloserine stereoisomers on tox. in rats, comparative study (It) 13975
eff. of environmental temperature (Fr) 26768
reduction by simultaneous admin. of pyruvic acid in mice (Ger) 25790
tolerable dose in mice, increase by use of certain organic solvents 1295

***ISONICOTINIC ACID see*** NICOTINIC ACID ISOMERS

***ISOPROTERENOL see*** SYMPATHOMIMETICS

ISOTONIC SOLUTIONS

combined direct-reading isotonicity meter & thermistor thermometer 16717
prev. of compl. after lumbar puncture by infusion into epidural space (Ger) 6653
Ringer's solution inject. in previously irradiated tumors in man & mice (Ger) 9980

***effects***

colloid infusion in combined ther. of acute radiation sickness in dogs (Rus) 52951
physiol. salt solution inducing degen. intervertebral disk dis. in dog (Fr) 21384

***preparation of***

graph & table methods (Dan) 3183

***therapeutic use***

azotemic salt-losing nephritis (Ger) 39888

ISOTOPES

accretion rate studies on bone metab. in bone & other dis. 32678
affinity of collagen fibers for radioisotopes during thermal contraction 37568
bioatomic med. as application of isotopes to microbiol. 17515
clearance in determ. of tissue blood flow, model exper. (Ger) 27855
construction of isodose charts from minimum exper. data, technic 35850
contaminated dust, separation by new electrofilter (Ger) 14413
diag. & ther. uses, hazards in GP 15904
diag. of blood dis. 43729
diag. use 4318 4321 4322 30923 50992 52469 54771
diag. use (It) 42611
distribution & toxicol. (Rus) 47991
dose measurement, method 21693
fluorescent dyes for watches & instruments, prod. & applications (Ger) 14411
hazards in laboratory research using isotopes (Cz) 30957
hosp. use, problems 16204
in analytical chem. (Fr) 51059
in biochem. & in synthesis of labeled cpds., bibliog. 55890
in circ. studies for detection of intra- & extracardiac shunts 50202
in circ. study of kidneys (It) 42524
in gyn. & obst. 22163
in hyg. & med., review (Rus) 39603
in pharmacol. research (Fr) 51057
in pharmacy (Ger) 51060
isotope laboratory, equipment & operation 54541
management, hazards & protective measures 43331
med. & physiol. uses, bibliog. 46370
med. use 5345 29764 29855 51058
med. use (It) 1101 53757
med. use in hosp., present possibilities (It) 43458
med. uses (Sp) 44421
opener for radioactive isotope bottles 2139
photographic impression of tissue containing radioisotopes (Rus) 10795
phys. properties (Fr) 21356
prod. & application of short-half-life radioisotopes in low-power med. reactor 53726
radioisotope hood for use in hosp. & method of safe discharge of radioactive gases 52164
removal of radioisotopes with chelating agents in guinea pigs (Ger) 10002
safe for storage (Ger) 15874
simplified technic for admin. to exper. animals 50266
toxicol. studies & protection (Fr) 51061
tracer technic in determ. of role of lymphatic system in pathogen. of skin dis. in rabbits (Rus) 45835
tracer technics in hematol. research 29719
transport containers (Rus) 39602
uses in agriculture & food prod. & preserv. (Fr) 52102
use in biochem., med. chem. & pharmacy (Fr) 25404
use in determ. of blood volume, erythrocyte survival & state of preserv. of blood for transfusion (Sp) 44426
use in indust., hazards & prev. (Fr) 249 (Fr)
use in measurement of erythrocyte survival, blood volume & vitamin B12 absorp. 4320
use in neurosurg. (Sp) 44424
use in prod. of clin. radiograms, exper. study & technic 17218
uses in surg. (It) 42575
use of radio-isotopes in study of dynamics of metab. dispersion & elimination of electrolytes (Fr) 48950
water pollution, plankton as index (Rus) 6650

***determination***

direct-plating method for assay of isotopes in aqueous & alcoholic samples 19650
radiometric titrations with complexons 19580
theory of scanning 16340

***effects***

astatine 211 induction of mammary tumors in rat, thyroid mechanisms 8536
on antibody form., comparison with eff. of total-body x-irradiation in rats 20931
on cholesterol & ion blood level (Ger) 22807

***in blood***

radioautography (Rus) 51774

***injurious effects***

genetic hazards in man (Ger) 14422
radiocerium fluoride inducing bronchogenic cancer in rats 34861

***metabolism***

bone, external recording of activity variations with time in rabbits 17518
bone spongious tissue distribution 3519
eff. of N,N,N',N',N'' -pentacarboxymethyl diethyl triamine on cerium excretion in rats (Ger) 32652
follicular fluid concentration of radioactive drugs & tracers after admin. 19700
radiocerium, eff. of bis[2-(N,N-dicarboxyamino)ethyl]ether & N,N,N',N',N'',N''-pentacarboxymethyl diethyltriamine on distribution (Ger) 10023
radiocerium, eff. of complex-prod. substances (Rus) 51756
radiocerium, eff. of edathamil, sulfosalicylic & aurintricarboxylic acids & of other drugs on distribution in animals (Rus) 51770
value of research (It) 19199

***therapeutic use***

artif. radionuclides in malignant tumors (It) 29680
in hosp. department (Ger) 32655
palladium103 in cancer, interstitial implantation at operation 13316
radioiridium telether., technics & clin. value (It) 13119
review 13305

***toxicity***

radioruthenium, in animals (Rus) 51755

***ITCHING see*** PRURITUS

***JAFFE-LICHTENSTEIN DISEASE see*** OSTEITIS FIBROSA

JAUNDICE

choluric, with hypouricemia (It) 19235
chronic idiopathic (Sp) 8817
chronic idiopathic, with unidentified pigment in liver cells (Heb) 3975
chronic idiopathic, with unidentified pigment in liver cells, clin. & pathol. aspects (Ger) 29455
classif. & diag. (Sp) 27212

***blood in***

bilirubin, ether-soluble reaction, diag. value (Rus) 32560
bilirubin, significance of direct reaction fraction in acquired & congen. hemolytic jaundice 46950
enzymes, differ. diag. value, review (Ger) 22699
hyperbilirubinemia in congen. non-hemolytic jaundice 17466
mucoproteins in cancer with jaundice (Sp) 21779
transaminases (It) 189
transaminase-alkaline phosphatase ratio, differ. diag. value in hepatocellular jaundice & extrahepatic obstruct. jaundice 18455
transaminases, determ. in differ. diag. of med. & surg. jaundice 50866
yellow color of serum, correlation with bilirubin content 44908

***case reports***

acquired hemolytic (Fr) 21316

benign familial 47513
chronic idiopathic with unidentified pigment in liver cells 2601
chronic idiopathic, with unidentified pigment in liver cells (Sp) 53960
chronic idiopathic, with unidentified pigment in liver cells in mother & son, Dubin-Johnson synd. 15944
constitutional non-hemolytic hyperbilirubinemia in congen. jaundice simulating kernicterus in adult 34897
emotional jaundice caused by sudden block of Oddi's sphincter due to fright & shock (It) 20969
synd. of jaundice, hyperlipemia & hemolytic anemia (Sp) 53921
with infect. mononucleosis & thrombopenia caused by circulating platelet-agglutinin 18443
with pulm. tuberc., ther. streptomycin & isoniazid (Sp) 27205

*complications*

acquired hemolytic, causing splenomegaly, spleen pathol. (It) 27352
funct. & organic pancreatic dis., differ. diag. (Pol) 30756
infect. hepatitis, eff. on pathogen. of gastric & duodenal peptic ulcer (Pol) 20466
ment. disord. caused by icterigenic hepatitis (Fr) 47444

*diagnosis*

determ. of urobilinogen in urine, value in differ. diag. of obstruct. & hepatocellular jaundice 27514
diag. aphorisms concerning retention jaundice (Sp) 49155

*differential diagnosis*

in biliary tract dis., from chlorpromazine- caused jaundice 10996
review 27095

*etiology and pathogenesis*

carbutamide, with hepatitis (Ger) 51680
6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide 7430
chlorpromazine (Sp) 8850
chlorpromazine, case report (Rum) 6596
chlorpromazine ther. of psychoses caused by idiopathic hypoparathyroidism 586
chlorpromazine, with agranulocytosis, case report 27970
ectylurea 7440
galactosemia in newborn, case report 40934
infect. hepatitis, recur. (Rus) 32895
iproniazid, liver pathol. 40261
iproniazid, review & case reports 35716
iproniazid ther. of depression 14249
17α-methyl-19-nortestosterone ther. 17033
methyltestosterone 48296

*experimental*

induced by chlorpromazine in rats, etiol. factors 45378

*in infant and child*

(Ger) 51855
blood bilirubin levels & liver funct. in newborn inf. with & without jaundice 17912
cortisone ther. causing fructosuria (Fr) 6312
in newborn, caused by vitamin K admin. to mothers in labor 52827
in newborn, classif. (Ger) 54348
in newborn inf., etiol. differentiation by determ. of blood glutamic oxalacetic & glutamic pyruvic transaminases 16568
newborn (Fr) 55117
newborn, bilirubin metab. 55278
newborn, caused by total agenesis of extrahepatic bile ducts with anemia & rotation anomaly of duodenum & pancreas (Fr) 53020
newborn, causes (Ger) 52280
newborn, clin. aspects 55279
newborn inf., diag. by determ. of blood glutamic-oxalacetic & glutamic-pyruvic transaminases 34962
newborn, with hyperbilirubinemia, ther., exchange transfusion 55281
premature, ther., polyvinylpyrrolidone (Ger) 47647
severe prolonged nonhemolytic, in newborn, case report (Fr) 36260
ther., glucuronic acid in icteric newborn inf. 43518
with diarrhea, postmortem pathol. 1409

*in pregnancy*

etiol. (It) 8606

*metabolism*

abnorm. of bilirubin metab. cycle in jaundiced patients with colonic dis. 39136
bilirubin, review (Fr) 31907

*pathology*

kidney histopathol. & funct., review (It) 7660
liver biopsy showing unidentified pigment in chronic idiopathic cases (Ch) 38380
pigment of lipofuscin nature in hepatocytes in chronic jaundice (Fr) 31911

*physiology*

bilirubin levels in bile & in blood, comparison (It) 37382
conjugation of cholic acid in liver homogenates 11871
physicopathol. 35680

*surgery*

anesth. (Ger) 45933
hemorrh. prev. by vitamin K in surg. of extrahepatic dis. (Rus) 33195
technics & results (Ger) 45990

*therapy*

prednisone in hepatogenic jaundice (It) 37534

JAUNDICE, CONGENITAL HEMOLYTIC

(Sp) 8877
classif. (Sp) 46670
Rietti-Greppi-Micheli dis., discovery 9603

*case reports*

(Ch) 38382
familial crisis 9785

*complications*

leg ulcers (Ger) 25293

*manifestations*

lack of sympt. in Gilbert's dis. 2236

*JAUNDICE, EPIDEMIC see* HEPATITIS, INFECTIOUS

JAUNDICE, HOMOLOGOUS SERUM

(Dan) 10652
(Ger) 46015
epidemic of parenterally transmitted hepatitis in a Puerto Rican community 24424
hepatic jaundice after blood transfusion in burns & inj. 2150

*case reports*

caused by intravenous inject. of diacetylmorphine in addicts 52670
clin. pathol. conf. 52758

*prevention and control*

pasteurized pooled human plasma for inactivation of virus 10684
prev. value of prolonged storage of liquid plasma 16653
16669

JAUNDICE, OBSTRUCTIVE

*see also* CHOLELITHIASIS

diag. & ther. with ACTH & adrenal cortex hormones 37676
early diag. & ther. indic., panel discussion (Fr) 43979

*blood in*

glutamic oxalacetic transaminase, mechanism of elevation 33347
transaminase-alkaline phosphatase ratio, differ. diag. value in hepatocellular jaundice & extrahepatic obstruct. jaundice 18455

*case reports*

with extrahepatic portal hypertension, surg. hazards 17465

*differential diagnosis*

problems 856
serum lipoprotein test (Fr) 31978

*etiology and pathogenesis*

chlorpromazine (Por) 39987
duodenal ulcer with perf. (It) 52835
extrahepatic biliary calculi, cancer & stenosis (Sp) 44557
for. body granuloma after cholecystectomy (Ger) 9530
liver cirrhosis, case reports 12396
pancreatic cyst, case report (Por) 42189
pancreatic pseudocyst form. in chronic pancreatitis 23469
prochlorperazine causing intrahepatic cholestatic-type jaundice, case report 19857
xanthofibroma, case report 36964

*experimental*

eff. on blood chem. in dogs (It) 44328
eff. on blood proteins & glucoproteins in dogs (Sp) 44481
eff. on blood tributyrinase in rabbits (It) 13512
induced by ligation of common bile duct & cholestasis, eff. on serum mucoprotein & alkaline phosphatase (Sp) 53913

*in infant and child*

diag., laparotomy (Sp) 53948
diag., perop. cholangiography in prolonged jaundice in inf. 53716
surg., results (Ger) 2872

*metabolism*

lipids, mechanism of changes (Fr) 36626

*JAUNDICE, SPIROCHETAL see* WEIL'S DISEASE

JAWS

*see also* MANDIBLE

*see also* MAXILLA

*see also* TEMPOROMANDIBULAR JOINT

articulation in Docodonta & relation of jaw articulation to classif. of Mesozoic mammals 44034

*abnormalities*

causing dysfunct. & mechanical aspects (Ger) 33052
prognathism & other develop. deformities (It) 39707
receding maxilla & mandible, surg. (Ger) 29100

*cysts*

malignant degen., diag. & pathol. (Ger) 45993

*diseases*

alveolar osteitis, histopathol. 17868
Jaffe-Lichtenstein dis., x-ray diag. 20950
osteomyelitis, predisposing cond. & surg. 40655
osteoradionecrosis, review 30357

*dislocation*

recur., bilateral, condylar, case report (Sp) 43933

*fractures*

surg., immediate, case reports (It) 35572
ther. (Ger) 46016

*neoplasms*

myxoma 20131
osteogenic sarcoma, surg. 860

*pathology*

in parathyroid osteitis (Fr) 44784
radiolucent areas, histopathol. 52843

*surgery*

controlled hypotension in maxillofacial surg., technic & results 23538

*JEALOUSY see* EMOTIONS

JEJUNUM

perfusion of isolated jejunal segment in management of uremia 40699

*abnormalities*

atresia, case report 4955
heterotopic pancreatic tissue in jejunum, case report 35068

*diseases*

hernia of efferent loop following gastrectomy (Hun) 10599
jejuno-ileitis with nephrosis, case report 31476

*diverticula*

causing massive gastrointestinal hemorrh., surg. & case report 25059
pathol. & x-ray manifest. (Sp) 44520
x-ray diag. (Ger) 19405

*fistula*

esophago-jejunal, postop. in gastrectomy for gastric lymphosarcoma, case report (Sp) 1835
gastrojejunal, caused by perf. round ulcer of stomach, case report (It) 9309
gastrojejunal, surg. (Ger) 22177
gastrojejunal, surg., Wilkie operation (Sp) 9721
gastrojejunocolic, x-ray manifest. & surg. (Sp) 35970
postop. develop. of gastrojejunal ulcer into gastrojejunocolic fistula after surg. for duodenal ulcer, statist. 12836

*hemorrhage*

hematoma, intramural, of duodenojejunal bend, case report (Cs) 14882
traum. hematoma causing intestinal obstruct. in child., surg. 34961

*neoplasms*

adenocarcinoma with idiopathic sprue, case report 7422
angiomatosis causing gastrointestinal hemorrh. 41155
case reports (Fr) 27831
clin. & pathol. aspects (It) 7725
double primary cancer, case report 49723
jejunoileal, clin. aspects & pathol. anat. (Sp) 32420
32422
lymphosarcoma, double localization, with eosinophilia, case report (Fr) 40649
primary carcinoma 520

*pathology*

in sprue, review 43275

*physiology*

dynamics of water & electrolyte exchange in human jejunum 40699

*surgery*

caudal pancreatojejunostomy in chronic relapsing pancreatitis 22003
cholangiojejunostomy in hilar stenosis of liver for intrahepatic-bile duct by-pass (Fr) 11860
cholangiojejunostomy, intrahepatic 3885
choledochojejunostomy in acute pancreatitis 1225
cystojejunostomy in pancreatic pseudocyst, case reports (Sp) 31018
double duodeno- & gastro-jejunal anastomosis in sub-Vaterian duodenal atresia (Fr) 42447
esophagojejunal anastomosis following total gastrectomy, indic. & technic 23663
esophagojejunostomy causing megaloblastic anemia (Fr) 32188
esophagojejunostomy, terminoterminal improved technic (Hun) 6340
jejunal interposition for form. of physiol. sphincter in excis. of esophagogastric junction 16659
pancreaticojejunostomy, late results (Fr) 42412

*transplantation*

as choledochus replacement, with temporary polyethylene prosth. in animals (Ger) 23180
jejunal insertion for anastomosis of duodenum with gastric stump following partial gastrectomy (Pol) 30690
jejunal interposition operation for substitution of esophagogastric sphincter, present status 54696
replacement of retrosternal esophagus 21999

*JELLYFISH see* COELENTERATES

*JOINT CAPSULES see* LIGAMENTS

*JOINT TUBERCULOSIS see* TUBERCULOSIS, OSTEOARTICULAR

JOINTS

*see also* ARTHRITIS

*see also* PSEUDARTHROSIS

*see also* SYNOVIAL FLUID

***abnormalities***

arthrogryposis, familial, case reports (Fr) 9150

arthrogryposis multiplex 40611

arthrogryposis multiplex, case reports (Fr) 9141

intra-uterine fetal abnorm. (Fr) 21369

***diseases***

arthrosis, inflamm. origin of pain (Fr) 50353

arthrosis, ther. (Ger) 18950

arthrosis, ther., nikethamide with adenosine (Ger) 51807

caused by cancer of stomach, case report 14232

Charcot's neuropathic arthropathy in diabetes mellitus, case reports 16972

chinga, diplococcal infect. in seal hunters (Rus) 45763

chronic, ther., methionine (Hun) 30394

coexistence of inflamm. & arthrosis (Fr) 50354

50356

coexistence of inflamm. & arthrosis, inflamm. evolution of arthrosis & sclerous evolution of arthritis (Fr) 50355

familial laxity with recur. patellar dislocs., case reports 40629

hered., review 3393

in football players (Ger) 19336

neuroarthropathy, surg. with early arthrodesis 34976

neurodystrophic arthropathies (Fr) 44792

neurogenic arthropathy, Charcot type 48393

neuropathic, in syringomyelia (Ger) 398

osteoarticular manifest. of lung cancer, diag. value (It) 31751

pain in lung neoplasms (It) 31754

pain, ther., cryopuncture (Fr) 45390

recur. arthralgia caused by intramusc. iron-dextran ther. of anemia 52629

stiff joints, ther., proprioceptive neuromusc. facilitation 30655

stiffness, mechanother., appar. & methods (It) 25611

Streptobacillus infect., determ. of sensitized sheep cell agglut. titers in rats 31364

synovial fluid analysis, diag. value 50382

ther., intra-articular admin. of prednisolone 21-phosphate 51325

ther., intra-articular & peri-articular inject. of placental juice (It) 36787

ther., prednisolone, local admin. (Hun) 30289

ther., procaine-caffeine prep., with & without prednisolone trimethylacetate, local admin. (Ger) 43817

with artic. effusion, symptomatol. (Por) 21025

***embryology***

role of movement in develop. of joints, in vitro exper. in chick embryos 4964

***pathology***

in brucellosis (Fr) 45034

in erysipelas in swine 53742

in hemophilia, radiographic & tomographic aspects (Fr) 41366

in non-suppurative panniculitis, histopathol. 25478

in syringomyelia (It) 39646

periarticular soft-tissue changes after burns 50374

***physiology***

joint excursion analysis in stationary bicycle exercise 50377

***radiography***

indic. & contraindic. (Ger) 15848

radiotransparent striae caused by gas in joints of child., clin. & diag. importance (It) 20227

tomography, technic (Cz) 14880

***surgery***

arthroplasty, open transpl. of skin as interpositum (Rus) 6341

arthroplasty with metal prostheses, indic. & contra-indic. for ultrasonic ther. in presence of metal implants 43619

arthroplasty with wax (Rus) 43384

postop. spectrophotometric urine curves 10138

restoration of articular surfaces after joint excis. with cartilage implants in monkeys 40639

***wounds and injuries***

diag. & progn. value of oscillometry in inj. of limb joints (It) 21469

compl. & surg. 32723

contusions & distortions, seq. (Ger) 29442

in indust. accid., phys. ther. technics in office management 45094

ther. errors (Ger) 10903

*JUGAL BONE see* ZYGOMA

JURISPRUDENCE, MEDICAL

*see also* EXPERT TESTIMONY

*see also* INSANITY

*see also* MEDICINE, LEGAL

*see also* WILLS

*see also* WORKMEN'S COMPENSATION AND INSURANCE

admissibility of statements of nursing home patient after accid. as evidence in her favor, legal aspects 37936

credibility of testimony, psychol. & medicolegal factors in reliability of witness (Fr) 251

Disciplinary Committee of General Med. Council of Gt. Brit. 14313

experimentation in man, review 50179

forensic evaluation of procreative capacity, detection of frauds (Ger) 27123

fraudulent advertising for slenderizing, prosecution & conviction (Ger) 42252

frictions between physicians & lawyers, suggested cure 40167

indictment for manslaughter of anesthetist who inhaled anesthetic before & during fatal surg. 48329

lawsuit of patient of pneumothorax who returned to work on advice of physician & suffered intestinal crisis on day of return, liability of physician (Fr) 49738

lawsuits & legislation concerning dismissal of physicians employed by syndicates & indust. firms in France (Fr) 32403

lawsuits concerning obst. cases in France in 18th century (Fr) 26210

legal aspects of artif. insemination 20504

legal decisions of Italian courts (It) 6930

legality & limits of pediatric surg. in Italy (It) 25577

legality of gratuitous med. assistance, in Italy (It) 53761

legitimate claims in body inj. in legal accid. insurance (Ger) 28907

liability for inj. eff. of contrast media (Ger) 27148

liability of armed forces med. officers for malpractice 6500

liability of charitable hosp., New Jersey Supreme Court decision 27931

liability of charity hosp. in U.S. 18803

liability of GP 51605

liability of manufacturer for contaminated plasma 4088

liability of nurse-anesthetist 16178

liability of physician 12980

liability of physician for aid to injured in traffic accid., medicolegal aspects 4151

liability of physicians for inj. following treatment or omission of treatment (Ger) 41604

liability of physician for malpractice in failure to hospitalize patient with fatal illness 49957

liability of physician for refusal to give emergency aid, judgement by civil trial or by summary proceeding of med. society (Ger) 42323

liability of physician in blood transfusion errors (Ger) 19066

liability of physician in esthetic surg. (Fr) 32031

liability of surgeon for mistakes of nurse assistant, expert testimony (Ger) 29018

liability of surgeon for unauthorized hysterectomy in uterine myoma (Ger) 42251

malpractice 40166

malpractice in anesthesiol., review 47339

malpractice in med. & sanitary professions, legislation in Italy (It) 6931

malpractice in surg. (Ger) 38988

malpractice lawsuits in U. S. statutes of limitation in various states 6539

malpractice suits against anesthesiologists 43717

malpractice suit against radiologists 7460

malpractice suits against surgeons 12723

malpractice suits, coverage by insurance, types of claims & prev. 40054

malpractice suits in compl. of spinal anesth., application of res ipsa loquitor 35988

malpractice suits in hosp. cases, liability of hosp., surgeons & physicians 16197

malpractice suits in otolaryngol. 29329

malpractice suits in surg. 12838 24692 35890 47257

malpractice suits, misuse of doctrine of res ipsa loquitur 3670

malpractice suits, prev. 3669

17536

malpractice suits, relation to hosp. organiz. 19280

manslaughter charge against anesthetist after alleged inhalation of anesthetic by anesthetist during operation 48313

medicolegal aspects of consent of patients to diag. & ther. procedures 40164

54626

medicolegal aspects of obligatory surrender of med. records (Ger) 51785

medicolegal hazards of vasectomy 35880

permission for surg. in minors (Ger) 29494

professional secrecy problem in criminal trial with physician as defendant (Ger) 19034

responsibility of physicians in France (Fr) 38806

responsibility of physician to inform patient of possible infiltrates or abscesses after inject. of Irgapyrin (Ger) 29472

right of physician to withhold patient-records from tax inspectors (Ger) 39004

unlawful use of title, doctor of osteopathy 31408

JUVENILE DELINQUENCY

arraignment, exam. & confinement of ment. defective delinquents 46985

biotypol. & morphopsychol. of delinquent child. & adolescents (Fr) 991

causes & prev. 38581

delinquency by tendency (It) 8625

determ. of imputability of delinquent minors in Italy, medicolegal aspects (It) 8619

early detection & prev. 45821

etiol. & prognostic role of growth disord. & brain damages in early childhood (Ger) 34208

soc. factors (Fr) 30970

soc. patterns in mentally disturbed juvenile delinquents 40016

surg. rehabil. of delinquents 48345

theory of causation & management 17770

***prevention and control***

control in prev. of crime, role of family physician & psychiatrist 49647

responsibility of physician 4149

***psychology***

group psychother. of adolescent delinquents in a special pub. school 8382

identification of mother & father Rorschach cards by delinquent Japanese adolescents 41360

intelligence scores 40724

maturation disord. causing dissocial & criminal behavior (Ger) 49108

neuropsychiatric aspects 19883

play aspects (Ger) 23082

psychol. state of young thieves demonstrated by sceno-test (Ger) 34138

underlying ego mechanisms 8412

***statistics***

incidence in illegitimate child. reared in foundling hosp. & in family environment, in Reggio Calabria (It) 18491

*KALA-AZAR see* LEISHMANIASIS, VISCERAL

KALLIKREIN

bradykinin, method for prep. on large scale 1343

plasma kinin form. in relation to tongue vasodilatation 51097

plasma kinin release upon contact of plasma with glass, mechanism & relation to initiation of blood coagulation 28613

***antagonists***

in blood of land snail Helix pomatia, relation to circ. shock induced by snail blood in exper. animals (Ger) 29912

isolation of inactivator from bovine parotid gland (Ger) 49084

kallikrein-trypsin inactivator, ther. of pancreatitis (Ger) 19381

***determination***

bradykinin, kallidin & kinin in wasp venom, chromatography 14136

***effects***

on fract. healing (Ger) 19409

***therapeutic use***

hemorrhoids, with vitamins C & P (Fr) 3713

*KAOLIN see* ALUMINUM SILICATE

*KAPOSI'S DISEASE see* XERODERMA PIGMENTOSUM

*KAPOSI'S SARCOMA see* SARCOMA, MULTIPLE HEMORRHAGIC

KAPOSI'S VARICELLIFORM ERUPTION
*complications*
CNS involvement, clin. & EEG findings (It) 42634
*etiology and pathogenesis*
herpes virus (Fr) 51388

KARTAGENER TRIAD
stud. of broncho-sinusal manifest. & case reports (It) 52110
*case reports* 17451
two cases in siblings 48374

*KARYOKINESIS see* CELL DIVISION

*KELOID see* FIBROMA

KERATIN
inner root sheath & hair keratins, differences in chem. composition 2044
structural implications of equatorial x-ray diffraction pattern of α-keratin 1668

KERATITIS
neuroparalytic keratitis (Ger) 28930
viral keratitis, clin. manifest. & pathogen. concept 44048
*case reports*
band-shaped, assoc. with juvenile uveitis (It) 24963
Cogan synd. 33030
Cogan synd. (Ger) 30961
herpetic 55055
superficial keratitis caused by nylon flakes used in manufacture of stiff petticoats 34924
*etiology and pathogenesis*
chickenpox, case report (Fr) 14491
herpes (Ger) 46837
infect. mononucleosis, case report (Fr) 26359
*experimental*
anaphylactic in guinea pig (Ger) 51690
corneal responses to repeated inoculation with herpes simplex virus in rabbits 47035
eff. of inflammatory tear flow on pathogen. in animals (Ger) 46839
eosinophilic, possibly allergic, in guinea pigs after inject. of mumps virus antigen into anterior chamber of eye (Sp) 53911
herpetic keratitis, eff. on brain, histopathol. (Ger) 25254
sympathetic herpetic (Ger) 25248
*surgery*
corneal transpl. in herpetic keratitis 24541
tarsorrhaphy in neuroparalytic keratitis 2091
*therapy*
chloramphenicol (Rus) 23587
interstitial, cortisone ther. (Ger) 34043
interstitial, recur., cortisone ther. 14492
penicillin ointment (Dan) 33394
viral (Ger) 55387

*KERATOACANTHOMA see* SKIN NEOPLASMS

KERATOCONJUNCTIVITIS
in goat 16767
*blood in*
esterase & phosphatase levels (Ca) 21576
*experimental*
caused by Shigella in guinea pigs, eff. of antibiotics 23759
purulent keratoconjunctivitis caused by Micrococcus pyogenes aureus in laboratory rats 4609
shigellar, eff. of chlortetracycline & streptomycin (Rus) 36400
*microbiology*
viral agent isolated from epidemic keratoconjunctivitis (It) 36823
virus, in sheep (Fr) 37780
*pathology*
cellular changes in epidemic keratoconjunctivitis of viral origin (Fr) 14447
*physiology*
amino acid secretion in tears in keratoconjunctivitis sicca (Ca) 44876

KERATOCONUS
*case reports*
acute, in mongoloid patient (Ger) 34130
concordant in 2 pairs of identical twins (Ger) 28871
*statistics* 47077
*surgery*
corneal transpl. in acute keratoconus, case reports (Ger) 28873
modified Sato operation in bilateral keratoconus (Ser) 51696

*KERATODERMA see* ICHTHYOSIS

*KERATODERMA see* KERATOSIS

*KERATOPLASTY see* CORNEAL TRANSPLANTATION

KERATOSIS
larynx, recognition of atypical cells as precancerous stage & surg. 6235
normal & pathol. keratosis, histochem. (Ger) 3218
oral, diag. 41251
with black lesions, differentiation from melanoma & ther. 9268
*case reports*
hyperkeratosis lenticularis perstans (Ger) 4000
in congen. skin dysplasia with pigment disord. in brothers (Ger) 4001
papular, on postop. amputation stump (Ger) 3202
*etiology and pathogenesis*
arsenic causing multiple keratoses of trunk in vintners (Ger) 3201
*in infant and child*
congen. ichthyosiform hyperkeratosis, case reports (It) 29590
wax keratosis in ear, clin. manifest. & ther. 2194
*surgery*
electrosurg. indic. 18602

KERATOSIS FOLLICULARIS
hyperkeratosis in cutem penetrans, identity with elastoma intrapapillare perforans verruciforme (Ger) 3986
*case reports*
Darier's congen. ichthyosiform erythroderma (Fr) 36527
keratodermatitis follicularis decalvans 11579
keratosis follicularis serpiginosa (Ger) 38856

KERATOSIS PALMARIS ET PLANTARIS
*case reports*
punctata 5163
with epileptogenic encephalopathy, melanoderma & congen. aortic stenosis (Fr) 9132
with clubbed fingers & bone disord. (Fr) 37892
with spinal arthrosis (Fr) 37886
with spinal arthrosis & acrodermatitis continua, case report (Fr) 37887
*complications*
esophageal cancer, familial incidence 8493
*etiology and pathogenesis*
hyperkeratosis caused by pellegra, ther. & relation to general cond. (Sp) 53906
*heredity*
familial Unna-Thost & scleroderma form types (Ger) 22986
*surgery*
correction for plantar keratosis & scarring beneath lesser metatarsal heads, technic 4594
plastic, case report 53123
*therapy*
proteolytic debridement by urea 23367

*KERNICTERUS see* ERYTHROBLASTOSIS, FETAL

*KETOGENESIS see* FATS, *metabolism*

KETONE ACIDS
*see also* PYRUVATES
cyclic β-ketocarboxylic acid esters, products of reactions with α-halogenated ethers & thioethers (Ger) 47670
*determination*
oxalacetic acid in liver of diabetic rats 37109
oxaloacetate in rat liver, microcolorimetry 13694
*effects*
florantyrone, hydrocholeretic action (Sp) 20661
inhib. of heme biosynthesis, mechanism of action 19641
α-keto acids on host-induced modification of T2 coliphage 4713
oxalacetate on ketosis metab., review 20024
*in blood*
eff. of chlorpromazine, pentobarbital & reserpine on α-keto acid level in rabbits 5492
*in urine*
α-ketoglutaric acids, eff. of lactose ingestion in rat, time factor (Fr) 26854
*metabolism*
α-ketoglutaric acid prod. in noncancerous & cancerous human breast tissue, eff. of estradiol-17β 48548
5-ketohexonic acids in Erwinia carotovora 47967
α-ketovaleric acid reductive amination by glutamic acid dehydrogenase (Ger) 25895
poly-3-hydroxybutyric acid in aerobic gram-negative bact. 19522
*therapeutic use*
florantyrone in biliary dis. 35684

KETONE BODIES
*see also* ACETOACETIC ACID
*determination*
in biol. fluids with furfural as color reagent 14607
*in urine*
determ. in acidosis, technic & diag. value (Sp) 6111
eff. of high fat-high cholesterol diet in rat 36616
test methods & clin. implications 35857
*metabolism*
blood & urine in healthy young men, eff. of environment & other factors 20911
blood & urine in post-exercise ketosis, eff. of temperature & water balance 20913
blood & urine, normal variations in healthy young men 20910
in cows & sheep & relation to develop. of ketosis 50474

KETONES
*see also* ACETONE
*see also* PROPIOPHENONES
aminoketone deriv. of 3,4-di-(p-methoxy)phenyl-hexane, chem. & pharmacol. (Fr) 3053
heterocyclic aminoketones & aminoketones substituted in aromatic ring, pharmacol. (Ger) 35377
β-keto-amines, reactions with o-nitrobenzaldehyde (Ger) 47671
nitrogen-containing heterocyclic & amino ketones, prep. & relation of chem. structure to eff. (Ger) 7989
pharmacol. of heterocyclic amines & amines in aromatic ring-substituted aminoketones (Ger) 35377
*determination*
color reactions with fuchsin-sulfurous acid reagent (Ger) 29780
*effects*
aminoketones on body temperature & basal metab. in rats & potentiation of various drugs, comparative studies (Hun) 29173
2,2'-diamino-4'-hydroxyacetophenone deriv. on influenza virus in vitro 48228
indandione anticoagulants on prothrombin complex & factors V & VII (It) 6790
3-trimethylacetoxy-acetophenone on exper. uveitis, with hesperidin phosphate & vitamin C in rabbits (It) 13943
*in blood*
relation to hyperglycemia in pancreatectomized baboons 40796
*metabolism*
acetoin & 3-hydroxy-2-pentanone as probable precursors of isoleucine & valine in Neurospora crassa 40550
acetoin biosynthesis by various Streptomyces strains (Ger) 15664
acetoin form. by Ascaris lumbricoides 3523
eff. of glucose, insulin, cortisone & hypoglycemia on ketone prod. in man 4870
form. from fatty acids by spores of Penicillium roqueforti 19697
lactic acid bact., 2,3-butanedione prod., eff. of various cond. 1303
*preparation of*
3-thienyl-β-dialkylaminoethyl ketones & related cpds. 40365

*KETOSIS see* ACIDOSIS

17-KETOSTEROIDS
*see also* ADRENAL CORTEX HORMONES
*see also* ANDROGENS
*determination*
in amniotic fluid, in normal pregn. labor, polyhydramnios & hypertensive nephrotic synd. (It) 24936
in blood & urine, value of simultaneous determ. in clin. practice (Fr) 15095
in gastric juice 8476
31325
*in blood*
free & conjugated forms, simultaneous determ. in same blood sample, method 35083
unusual pattern in boy with congen. adrenal hyperplasia & periodic fever 50440
*in urine*
age factor in urinary neutral 17-ketosteroids, chromatography 46593
chromatography (Pol) 23580
content in relation to hexosamine-collagen ratio of connective tissue 37563
determ. & eff. of presence of urinary meprobamate on results 35081
determ. by two-dimensional chromatography, electrophoresis & electrochromatography (It) 37329
determ., chromatography, causes & error in interpretation (Sp) 2954
determ., column chromatography, Johnson method (Ger) 41737
determ. in Cushing synd. under basal cond. & during admin. of ACTH & corticoids (R) 3584
determ. in diag. of adrenal cortex dis. (Nor) 54948
determ. in nocturnal enuresis (Rus) 45603
determ. in pregn. as means of determining fetal sex (Fr) 7756
determ. in simple goiter before & after thyroid surg. (It) 27355
determ., method for paper chromatography & quantitative colorimetry (Ger) 37888
differential determ., clin. & diag. aspects (Dut) 15798
eff. of ACTH on excretion in pulm. tuberc. (Fr) 33940
eff. of admin. of 20 units of ACTH on excretion 35095
eff. of chorionic gonadotropins in normal, castrated & aged men & eunuchs (Fr) 9022
eff. of hot baths & sulfur baths (Ger) 47688
eff. of 17α-methyl-19-nortestosterone on excretion in adult males 35083
eff. of mild insulin-induced hypoglycemia ther. of thromboangiitis obliterans, rheum. arthritis & subacute bact. endocarditis (Pol) 30841
eff. of nicotinic acid isomers (Rus) 39337

eff. of radiations on excretion in cancer patients (Ger) 11179

eff. of surg. trauma in normal prepuberal girls (It) 54266

eff. of testosterone in kidney dis. 35164

eff. of various drugs (Bul) 16404

excretion after rectal admin. of testosterone in healthy humans 305

excretion during exper. morphine addict. in humans 41261

excretion in normal humans & in various pathol. cond. (It) 27362

excretion in prostate cancer patients in relation to ther. results 14756

excretion in relation to temperature & climatic cond. (It) 3586

in adolescent boys with essential obesity & retarded sexual develop., chromatographic fractionation (It) 27364

in cancer of prostate & other neoplasms, eff. of cortisone & hydrocortisone 48552

in cancer of prostate, eff. of 17α-ethyl-4(5)-estren-17β-ol-3-one 50427

in child., chromatography (It) 6953

in congen. adrenal hyperplasia, adrenocortical tumors & precocious puberty in child. 1403

in congen. adrenal hyperplasia, dwarfism, obesity & precocious puberty in child. 1404

in Cushing synd. caused by adrenal cortex tumors 31457

in gyn. dis. & normal & pathol. pregn. (Rus) 12125

in hay fever & asthma 4391

in hirsutism in puberty, eff. of chorionic gonadotropin & prednisone ther. (Fr) 15183

in hirsutism in women, manic-depressive psychoses, & thromboangiitis obliterans (Bul) 16409

in hirsutism with endocrine disord., in females 41016

in hormonal gyn. disord., diag. value of determ. (It) 8462

in hydatiform mole & choriocarcinoma, partition chromatography (It) 6855

in hyperandrogenism in postpuberal female, eff. of prednisone (Fr) 36060

in hyperthyroidism & postop. crises (Pol) 30745

in hypothyroidism, chromatography (It) 27358

in leukemias & other malignant blood dis. 35153

in myxedema, simplified method of combined continuous extraction & acid hydrolysis of neutral 17-ketosteroids 40251

in pituitary myxedema (Fr) 32376

in precocious puberty (Sp) 8689

in precocious puberty in girls 1402

in pregn. (Sp) 44386

in pregn. & puerperium (Ger) 22761

in rheum., eff. of thyroid extract & iodized mineral water baths (Rum) 31124

in tuberc., eff. of weather (Ger) 34354

in tuberc. pulm., eff. of surg. (It) 3917

in virilizing adrenal adenoma, increased levels 40671

in visceral leishmaniasis 5168

increased levels after air inject. into subarachnoid space, eff. of chlorpromazine admin. on levels (It) 37384

17-ketogenic steroids & 17-ketosteroids in So. African Bantu 18409

17-ketosteroidglucuronides, determ. by combined electrophoretic & chromatographic methods (Ger) 27903

neutral, determ., clin. value (Ger) 11195

neutral, diurnal & nocturnal (Sp) 8896

neutral 17-ketosteroid fractions, clin. indic. & applications of determ. (Rus) 52909

titration after ACTH infusion, diag. value in adrenal cortical insuff. & Addison's dis. (Cz) 38117

titration after ACTH infusion, diag. value in Cushing synd. (Cz) 38118

titration by ACTH infusion, value in differ. diag. of adrenal & ovarian hirsutism in women (Cz) 38119

***metabolism***

in pulm. tuberc., eff. of chemother. (Ger) 25799

***physiology***

eff. of adrenocortical cancer on 17-ketosteroid prod., response to amphenone ther. 4842

## KHELLIN

***related compounds***

bergaptene-8-carboxylic acid & its photodynamic properties (It) 49403

methoxsalen, eff. of oral admin. on sun-tanning & sunburn of skin 46383

methoxsalen, eff. on erythemal & carcinogenic response to far & near ultraviolet light in mice 28444

methoxsalen in ther. of vitiligo, remote results 46394

***therapeutic use***

angina pectoris, with pentaerythritol tetranitrate (Ger) 19016

khellicor in coronary insuff. (Ger) 19391

reserpine-khellin-phenobarbital prep. in arterial hypertension (It) 39517

## KIDNEY DISEASES

*see also* ACUTE RENAL FAILURE

*see also* ANURIA

*see also* HYDRONEPHROSIS

*see also* NEPHRITIS

*see also* NEPHROSCLEROSIS

*see also* NEPHROSIS

*see also* NEPHROTIC SYNDROME

acidosis mechanism in chronic renal dis. 50454

amyloidosis, relation to renal insuff. & hypertension in leprosy (Sp) 42184

anesth. in surg. patients with renal insuff. (It) 35011

assoc. of hepatic & renal dis. 13668

calcification, acute, exper. & clinicopathol. study 5914

calcinosis with hyperchloremic acidosis, albescent retinitis & hypocalciuria, in child (Fr) 54449

classif. 40055

displacement, first description by Franciscus de Pedementium 33437

funct. disord. in paraplegia, prev., review 48390

hepatorenal synd. (Ger) 11147

hepatorenal synd. caused by common bile duct obstruct. by calculi (Ger) 29466

iatrogenic 20547

insuff. (Dan) 43216

insuff. (Sp) 21044

necrosis of renal papillae, pathol., differ. diag., ther. & prev. (Fr) 49870

papillary necrosis, hist. note & case reports (Fr) 39894

postop. (Bul) 28761

postop., early manifest. (Fr) 42423

postop. renal insuff., pathogen. & ther. (Fr) 54159

relation to incidence of nephroptosis (Ger) 15355

review (Ger) 19440

tubular disord., review (Ger) 27387

tubular dysfunct., review 23390

***blood in***

complement variations, serial determ. 4159

diameter, volume & water content of erythrocytes (Pol) 30803

hypercalcemia, manifest. 5416

lipids & proteins (Sp) 44488

phenols & other-soluble aromatic hydroxy acids, mechanism of their renal excretion (It) 29701

phenol levels in anemia in patients with chronic renal dis. 31308

phosphatases & glutamic oxalacetic & glutamic pyruvic transaminases, diag. value (It) 54218

proteins, diag. value (Pol) 8081

proteins, lipoproteins & glycoproteins, diag. & progn. value (Sp) 44534

***case reports***

actinomycosis (Rus) 45605

acute vasculitis of kidney, brain, spleen & periadrenal tissue, clin. pathol. conf. 30136

caused by influenza, pathol. (Rum) 6584

congen. renal dis. with hyperparathyroidism caused by adenomas of all 4 parathyroids 29523

echinococcosis (Sp) 27238

echinococcosis, calcified (Rus) 10832

echinococcosis of left kidney (Fr) 51383

fascitis of Gerota's perirenal fascia 33125

hydronephrosis, hydroureter, ureteral calculus & pyelonephritis, in patient of generalized sarcoidosis, clin. pathol. conf. 16006

hypercalcemic kidney dis. in hyperthyroidism 35107

medial renal ptosis 33076

papillary necrosis (Ger) 383

paragonimiasis (Ger) 34327

pyonephrosis of supernumerary kidney (Fr) 42009

recur. focal glomerulitis, renal biopsy 1175

tubular impairment of hydrogen ion excretion & hyperchloremic acidosis in recur. kidney calculi 12337

***complications***

hemolytic anemia in hematuric kidney dis., morphol. changes in erythrocytes (Fr) 45006

hyperparathyroidism 46428

hyperparathyroidism secondary to nephropathy caused by thrombosis of inferior vena cava (It) 1511

hypertension 10992

36047

hypertension, arteriosclerotic (Ger) 51779

hypertension, expert testimony (Ger) 11320

hypertension with renal insuff. & spongiosis, case report (Fr) 24251

low salt synd., etiol. 5414

lung inflamm. (Ger) 11143

nephrocalcinosis with hypoparathyroidism & hyperostosis frontalis interna (Ger) 35581

osteopathy (Ger) 15869

osteoporosis, diffuse, in amyloidosis (Rus) 45105

potassium depletion, etiol. 5415

pyonephrosis, rupt. into abdom. cavity (Ser) 21957

tubular disord., causing essential hypouricemia (It) 31678

***diagnosis***

kidney funct. tests (Ger) 18908

49129

tomography (Rus) 55244

ultraviolet absorp. of normal & pathol. glomerulus (It) 6941

x-ray diag. of post-traum. atrophy (Fr) 41410

x-ray diag. of spongy kidney (Fr) 41409

***differential diagnosis***

echinococcosis from kidney tumor, x-ray differentiation (Cz) 14881

***etiology and pathogenesis***

bilateral cortical necrosis caused by placental abruption (Heb) 16085

cervical cancer causing stenosis (Ger) 30544

chronic arsenic pois. causing ascites, liver cirrhosis & kidney damage (Hun) 53925

diabetes mellitus 17562

diabetes mellitus (Fr) 45001

diabetes mellitus, review 40096

edathamil calcium disodium ther. of lead pois. causing tubular necrosis (Ger) 42946

enlargement caused by leukemia, x-ray measurement of size 12660

enlargement caused by leukemic cell infiltration, edema & hemorrh. in leukemia, intravenous urographic differentiation 12659

eruptive collagen dis. with multiple metachromatic foci (Ger) 3985

funct. disord. caused by dysautonomia (Ger) 387

insuff., in sarcoidosis, ther., cortisone & prednisone 50205

periarteritis nodosa, renal forms (Fr) 32038

plasma cell myeloma (Ger) 44922

progressive failure after bilateral adrenalectomy in hypertension, hormonal requirements 46959

pyloric obstruct. causing kaliopenic nephropathy with metabolic alkalosis 28651

streptoc. infect., incidence in Rumania (Rum) 31122

tubular acidosis, pathogen. mechanisms 12329

***experimental***

glomerular hyalinosis induced by lead pois. in rats (It) 37152

hepatorenal synd., eff. of hepatic necrosis alone & with unilateral renal ischemia on kidneys of hydrated rabbits 33954

induced by burns, warmed blood & erythrocytes hemolyzed in vitro by distilled water, eff. of angiotonin in dogs (Fr) 38768

induction of permanent unilateral dis. in dogs as exper. model for funct. capacity of contracted kidney in man 17578

ischemia, unilateral, eff. on fluid turnover in rats 36976

nephrocalcinosis induction by magnesium defic. in rats 25870

nephrocalcinosis, protective eff. of pregn. against develop. in rats 5567

tubular degen., pathogen. in placental abruption & eff. of trimethaphan in dogs 10134

tubular funct. disord. induced by chem. & mechanical stimulation of soft palate & uvula in guinea pigs (Ger) 23590

vasc. necrosis, eff. of parathyroidectomy in rat 23466

***in infant and child***

anhypertonic general tubuloglomerular renal insuff. (Ger) 22791

blood proteins, lipoproteins & glycoproteins, diag. & progn. value (Sp) 44534

calcification of kidneys with osteosclerosis & hypothyroidism, case report (Pol) 30380

caused by rheum. (Rus) 20391

chronic, correlation of clin. findings with morphol. characteristics seen by light & electron microscopy 167

diag., phenol red test (Ger) 25205

familial juvenile nephronophthisis, case reports 292

fluid ther., review 53000

glomerular & tubular insuff. causing hypophosphatemia & rickets 51049

idiopathic renal acidosis of inf. with normal urine acidification & ammonia prod. in child. as controls 36537

in newborn, unusual manifest. 21511

insuff. with metaphyseal decalcification, causes 13084

necrosis, tubular, in newborn, with pancreatic islet necrosis 23514

nephrocalcinosis in cretinism (Fr) 25473

renal tubular dis. with urolithiasis, unusual synd. (Ger) 39910

renal tubular water reabsorp. in child. (Cz) 14849

review (Rus) 7897

with ment. anorexia (Fr) 16376

*in pregnancy*
3012
chronic, kidney funct. (Ger) 23242
immediate & remote results (Fr) 9037
placental changes (Rus) 42161
ther., reserpine (Rus) 46809
*manifestations*
(Rus) 41660
ballistocardiography 12254
calciuria (Fr) 53441
eye fundus (Sp) 21195
hematuria in dis. of renal papillae & calyces, diag. by pyelography 13656
*metabolism*
electrolyte content of skin (It) 19234
insuff., renal tubular reabsorp. of histidine (Ger) 27179
protein requirements of patients with chronic renal failure, review 20032
proteins, soluble, of kidneys, in ischemic necrosis & in vitro aseptic autolysis, electrophoresis in rats (It) 14007
sulfhydryl cpds., distribution in renal tissue, bioptic determ. (It) 29699
thyroxin disappearance rate after oral admin. (Rus) 52921
uric acid in blood & urine (It) 29705
vitamin B6 metab., comparison with normal humans (Rus) 33346
water-electrolyte disord., mechanisms (Sp) 53892
*pathology*
adrenal & pituitary glands, in aged ment. dis. patients with & without hypertension 5618
biopsy 51331
fatty degen. caused by nephrolithiasis (Rus) 45598
necrosis of renal papillae, exam. of surg. specimens 33973
*physiology*
kidney funct. during acute tubular necrosis, clin. studies 51916
*surgery*
kidney-preserving plastic technic in child. (Ger) 34583
nephro-angiosclerosis (Sp) 30991
nephropexy, technic (Sp) 15514
*therapy*
artif. kidney in postop. renal insuff., case report 22729
6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide 13181
chronic insuff., Lespedeza capitata tincture ther. (Ger) 55410
flavones (Ger) 32969
management & prev. of compl. of renal insuff. 17645
progr. (Fr) 41126
review (Ger) 22856
sodium thiosulfate & sodium bisosulfite (Sp) 20628
*urine in*
calcium excretion in renal tubular acidosis 14164
excretion of radiocobalt-labeled vitamin B12 after admin. to patients with renal failure 32234
5-hydroxyindolacetic acid excretion in chronic kidney dis., comparison with normal humans (It) 37395
37396
inorganic phosphate excretion in med. nephropathies (It) 16026
17-ketosteroids eff. of testosterone 35184
proteins, determ. by albumin loading test 12330
proteins, electrophoresis (Ger) 22877
proteins in tubular disord 28962
proteins, increase during tubular saturation with p-aminohippuric acid (It) 44167
protease, isolation & identification 50717

KIDNEY FUNCTION TESTS
(Ger) 41042
(Sp) 21041
acetazolamide test, technic & diag. value (Sp) 53928
bromsulfalein clearance, interpretation of half-life (Ger) 9523
by radioiodine-labelled substances (Fr) 2480
clearance tests in evaluation of funct. alternance of glomeruli (It) 39700
clearance test, relation to creatinine, urea & indican in blood (Sw) 43217
creatinine clearance test after chlorpromazine admin. (Pol) 8062
eff. of routine vacc. of soldiers (Sp) 21251
effective renal plasma flow & glomerular filtration rate, maximum clearances in dogs 5926
glomerular filtration & tubular secretion tests based on trigonometry 9460
glomerular filtration, precise determ. (It) 6934
indigo carmine clearance in dogs (Ger) 30528
inulin clearance, concept & methodol. (Ger) 6690
inulin excretion after single inject. in rabbits (Ger) 41747
non-protein nitrogen in blood, correlation with sodium thiosulfate clearance, comparison with blood creatinine correlation with sodium thiosulfate clearance (Fr) 44923
para-aminohippuric acid clearance in determ. of blood circ. of kidneys, comparison with direct determ. by bubble flow meter in dogs (Ger) 46095
para-aminohippuric acid extraction values obtained by percutaneous catheterization & clearance studies on single kidneys 35385
phenol red test in child. (Ger) 25285
phenolsulfonphthalein excretion after intramusc. & intravenous admin., variations 24835
phenolsulfonphthalein excretion determ. after form. of rectal bladder (Ger) 55713
radioiodine clearance (It) 39350
radiorenogram 54530
range of variations in clearance tests in persons with normal & diseased kidneys (Ger) 49135
renograms obtained with radioactive iodopyracet 50113
sodium thiosulfate clearance test (Pol) 32171
tests of tubular funct. (Fr) 53398
thiosulfate clearance (It) 1875
thiosulfate clearance during fall of blood content (It) 1874
thiosulfate clearance, significance of increase during decrease of plasmatic concentrations (It) 42659
tubular excretion of p-aminohippuric acid, eff. of various chemicals in human volunteers (Ger) 29899
types (Sp) 1546
urea clearance in young healthy Indonesians 40106
value of concentration & specific gravity test & certain coefficients of blood clearance in evaluation of kidney physiol. (Pol) 53140
*effect of drugs on*
indirect anticoagulants, on clearance tests (It) 16023
*in aged*
clearance tests after surg. of various dis. (It) 39684
*in infant and child*
inulin & para-aminohippuric acid total clearance & half-life period determ., method & normal values (Ger) 34095
para-aminohippuric acid clearance, relation to body size & weight (Ger) 42864
pitressin test (It) 42790
*in pregnancy*
clearance tests in normal & toxemic pregn. (Ger) 25190
clearance tests, value in follow-up after severe toxemia (Ger) 25191
in pregn. & puerperium in normal women, serial studies of kidney funct. 40693
*in various diseases*
acetazolamide in investigation of tubular funct. in chronic kidney dis. (Tur) 45441
clearance tests in congestive heart failure, limitations (It) 37473
clearance tests in diabetes mellitus (It) 21437
clearance tests in multiple myeloma, review (It) 39774
clearance tests with prolonged infusion, diag. value in kidney dis. (Ger) 11180
dextran clearance test of glomerular permeability, in normal cond. & glomerulonephritis (It) 25651
differ. diag. value in kidney dis. (Ger) 18908
electrolyte clearance tests in renal dis., value (Pol) 30801
inulin-para-aminohippuric acid clearance in kidney dis., diag. value (Ger) 11204
liver cirrhosis (It) 29706
pheochromocytoma 35698
porphyria cutanea tarda, creatinine clearance, relation to porphyrin excretion (Ger) 11184
renal threshold for sugar test in complicated & noncomplicated diabetes (Pol) 53146
rheum. arthritis & rheum. heart dis. (It) 31759
simplified water loading test in hypoadrenocorticism & hypothyroidism 40674
syphilis, clinically latent in treated patients (It) 19168
uric acid clearance in renal dis., value (Pol) 30802

KIDNEY PELVIS
*see also* PYELITIS
*abnormalities*
pyelo-ureteral malform. (It) 25598
role in develop. of kidney calculi (Rus) 45597
*blood supply*
valves in veins, morphol. (Ger) 34402
*calculi*
cast calculus with adenocarcinoma form. (Ger) 55601
dissolving by edathamil, comparison with citric acid (Fr) 9166
extraction with Zeiss snare (Ger) 55594
*cysts*
pyeloureteral cystic dis., etiol. & pathol. (It) 1497
*diverticula*
calyceal (Ger) 34362
calyceal, with form. of kidney calculi, case reports (Ger) 34368
*fistula*
kidney pelvis-small intestine fistula (Ger) 55600
*microbiology*
Trichomonas vaginalis in women wthout sympt. as cause of recur. Trichomonas vaginitis (Sp) 20046
*neoplasms*
case reports (It) 36779
metastatic malignant melanoma simulating primary cancer, x-ray diag. & case report 12683
papilloma, differ. diag. from endemic nephritis in Bulgaria (Ger) 35528
primary adenocarcinoma 5927
sarcoma, with hydropyonephrosis (Ger) 11317
transitional cell carcinoma (It) 30302
*physiology*
contractions, dynamics 51133
*surgery*
pyelotomy, inferior, technic (Ger) 11339

KIDNEYS
*see also* DIURESIS
*see also* DIURETICS
anat. of glomerulus, circ. & innerv. 39723
cell cultures, eff. of trypsinization by Dulbecco-Vogt method on catalase activity, anaerobic carbohydrate metab. & resp. of cultures (Ger) 34233
funct. & failure 50112
nephroptosis, relation to body weight, sex & kidney dis. (Ger) 15355
nephrotoxic antigens in extraglomerular tissues of dogs 11744
research in Gt. Brit. (Cz) 2743
*abnormalities*
abnorm. multiple arteries, types & intrarenal distribution 33120
absence & aplasia, diag., aortography & retropneumoperitoneum (It) 42535
accessory kidney with crossed ureter (Rus) 55161
accessory third kidney with mixed tumor (Rus) 41556
agenesis, bilateral, relation to oligohydramnios 20091
agenesis, unilateral (It) 24948
aplasia, with pain 14170
caused by maternal diabetes, review (Fr) 33370
crossed ectopy, with fusion in L (It) 25718
double kidneys, surg. 33441
dysplasia in inf. & child., diag. & relation to pyelonephritis 128
dysplasia in inf. & child., histol. of primitive ductules & glomeruli 129
dystopic kidney with infected hydronephrosis, case report (Rus) 45607
ectopia of right kidney into lower chest, differ. x-ray diag. (Fr) 43750
ectopia, with adenocarcinoma & hydropyonephrosis, differ. diag. (It) 26586
ectopia with unicornuate uterus & ectopic dermoid cyst of ovary, case report 21813
ectopic pelvic kidney, surg. removal during cesarean section (It) 9408
ectopic thoracic kidney, case report (Fr) 20521
20522
ectopic thoracic kidney, case report (It) 42768
ectopic thoracic kidney, x-ray diag. (Ger) 15857
ectopic, transperitoneal nephrectomy, indic. 17409
fused kidneys with ectopic anastomosis of ureter to single kidney, case report (Fr) 28679
horseshoe kidney (Sp) 1545
horseshoe kidney with tumor in one ureter, case report 50115
hypoplasia, case reports (Fr) 5336
hypoplasia causing hypertension, cure by nephrectomy (Pol) 53160
hypoplasia, relation to pathogen. of hypertension (Ger) 11321
hypoplasia, unilateral with malignant hypertension in child., nephrectomy (Fr) 17663
in inf. & child. (Sp) 20664
left arterial malform. causing hypertension in inf., case report (Fr) 25454
persistent embryonal rudiments (Ger) 11337
surg. problems created in gyn. surg. by undiagnosed develop. defects, case reports (Pol) 39637
*abscess*
paranephritic, clin. picture (Ger) 28172
perinephric, with rupt. into colon, clin. pathol. conf. 30126
perirenal, perf. causing peritonitis, case report (It) 39664
*anatomy and histology*
cell nuclei of renal tubules (Ger) 2376
comparative histol. in domestic animals 12761
electron microscopy of kidney glomerulus, composition of intercapillary tissue & capillary loop basement membrane 701
glomerular anat. as observed in biopsy material from young & healthy humans 34410
glomerular epithelial cells of rat 34416
glomerulus of goldfish, electron microscopy 25775

Golgi appar. & chondriome of macula densa (Fr) 26847

granularity of juxtaglomerular cells, eff. of sodium chloride intake & mineralocorticoid level in rat 17230

histol. changes after generalized hypothermia in rats (It) 44805

intercapillary connective tissue in human kidney glomeruli (Ger) 33544

nephron of carp Cyprinus carpio, cytol. & cytochem., review (It) 34401

technic for prep. of frozen kidney sections for radioautography in refrigerating chamber with built-in microtome (Ger) 39908

***artificial***

17549

clin. use (Heb) 37785

determ. of removal of body water 5915

dialysis by artif. kidney, hosp. statist. (Por) 42193

dialysis with twin-coil artif. kidneys in management of acute renal failure 23389

Doglietti-Battezzati-Taddei type, mechanism of action & ther. results in uremia (It) 53766

double lumen catheter for use with artif. kidney 50227

extracorporeal electrohemodialysis, Francesco Sorrentino's model (Ger) 34369

extracorporeal hemodialysis, eff. on blood amino acids in acute renal failure 38624

extracorporeal hemodialysis, extent of dialytic capacity & ultrafiltration (Ger) 28944

extracorporeal hemodialysis in acute renal failure 5575

hemodialysis 24480

hemodialysis in acute renal failure 53521

hemodialysis in acute renal failure, technic, eff. & indic. (Dan) 10626

hemodialysis in management of acute pois., review & case reports 23392

hemodialysis in ther. of acetylsalicylic acid pois., case report 587

in kidney dis. in child. 7861

in postop. uremic disord. (Ger) 39839

indic. (Ger) 35598

indic., technics & appar., review (Ger) 27390

Kolff-coil kidney, qualities & efficiency 24038

Kolff twin coil artif. kidney, indic. & advantages 53522

modified Kolff-Brigham type, funct., ther. use & metab. response of patients of acute renal failure 37673

modified Kolff kidney (Sp) 1812

preop. & postop. use, indic. (Ger) 39838

prev. of edema with ultrafiltration of glomerular fluid, exper. study 50118

removal of blood ammonia by hemodialysis in ammonia intoxication 43131

simplified appar. (Ger) 11005

theory & clin. aspects (Ger) 55593

ther. of acute anuria, indic. & results (Ger) 33445

ther. of acute renal failure, posther. hypermetabolic state 43169

ther. of acute renal failure, value 2515

ther. of chronic uremia, postdialysis acid-base equilibrium 24432

ther. of postop. renal insuff., case report 22729

with Kolff disposable dialyzing unit 51147

***blood supply***

aberrant renal arteries curving around & compressing the renal vein, possible relation to orthostatic proteinuria & orthostatic hypertension 38490

aneurysm of renal artery, case reports 33075

arterial stenosis, surg., splenorenal anastomosis (Fr) 53393

arteries, relation to adrenal gland arteries, aortography (Ger) 55596

arteriole & capillary thrombotic synd. in child. (Fr) 44615

arteriovenous fistula, caused by bact. endocarditis (Fr) 31110

arterio-venous oxygen content difference during exercise in heart dis. 38619

arteriovenous oxygen difference in dog kidney (Ger) 30553

autoregulation of renal blood flow, role of eff. of dilation stimuli on reaction of involuntary musc. (Ger) 53080

blood flow & heat prod., measurement 36620

changes in scleroderma (Ger) 55658

circ., eff. of vasc. tonus & hematocrit of perfusion fluid on autoregulation in dogs (Ger) 30589

circ., simultaneous determ. with bubble flow meter & para-aminohippuric acid clearance in dogs (Ger) 46095

circ. study by radioisotopes (It) 42524

critical closing pressure & vasomotor tone in cat 47142

dis. of renal artery with renal hypertension, classif. & diag. 33119

eff. of renal venous pressure change on renal vasc. resist. & urine & lymph flow rates 12501

eff. of sympathomimetics on blood flow in anesthetized dogs 17945

embolism of renal arteries with mitral valve disord., causing hypertension (Ger) 49070

exper. ischemic damage caused by temporary occlusion of thoracic aorta, prev. by hypothermia in dogs (It) 42632

glomerular circ., physiopathol., review (It) 6937

hemodynamics in exper. venous hypertension (It) 27439

hemodynamics in hypertension, eff. of Rauwolfia alkaloids (Rus) 41664

hemoglobin content & oxygen saturation in capillary blood in renal cortex (Ger) 30539

interlobular arteries & glomerular capillary network in lobate kidney, morphol. in buffalo (It) 13979

internal diameter of renal artery, relation to renal funct., translumbar aortography 10128

intrarenal blood flow & its eff. on oxygen pressure in urine 12503

ischemia, complete permanent induction on rabbits, gross & histol. changes 17901

ischemia, patchy permanent 51016

ischemia with aortocaval & hepatoportal arteriovenous fistula, develop. after gunshot wound of abdom. 1230

occlusion of renal arteries, bilateral, case reports (Hun) 7720

reactive hyperemia in dogs (Ger) 30557

renal arterial obstruct., unilateral, causing hypertension, value of differential renal clearance studies 464

renal artery bilateral thrombotic occlusion causing hypertension, surg. removal of thrombus 12218

renal artery, innerv. in dogs (Rus) 10710

restoration of circ. after trauma & ligation of branches of renal artery in dogs (Rus) 55146

spiral arteries in sinus renalis, topography & funct. significance (It) 25596

thromboangiitis obliterans, manifest. & case report (Rum) 6592

thrombosis of left renal vein & inferior vena cava with stenosis of openings of hepatic veins, pathol. (Por) 16142

thrombosis of renal artery causing anuria (Rus) 45609

thrombosis of renal vein, segm. (Ger) 27191

thrombosis of renal vein with hemorrhagic kidney infarct in inf., postmortem diag. (Pol) 7814

thrombosis of renal veins, bilateral, causing nephrotic synd. (Hun) 43448

transposition of polar vessels causing congen. hydronephrosis, surg. (Ger) 55587

unilateral renal ischemia as cause of hypertension 47521

valves in veins, morphol. (Ger) 34402

vasc. resist., eff. of change in blood flow rate 12502

vasoconstriction in burned dogs after admin. of heated blood or erythrocyte extracts, antag. eff. of caffeine (Fr) 47736

vasoconstrictor action of prewarmed blood perfused directly into kidney in dog (Fr) 26958

venous catheterization, bilateral, with venography, technic 18420

venous catheterization, percutaneous method in dogs 12017

***calculi***

asymptomatic, diag. during mass fluorographic chest survey in child., case report 51614

bilateral lithiasis, causing cystopyelitis, with histiocytic leukemia, fever & neutrophil hyper-leukocytosis (It) 3872

biliary calculi, case report (Sp) 25943

causing fatty degen. of kidney (Rus) 45598

colic caused by acetazolamide 36130

colic caused by acetazolamide ther. of various cond. 48285

colic, diag. & ther. 14050

colic, eff. on residual blood nitrogen & urine nitrogen in dogs (Rus) 55147

colic simulation by primary hemangioma of vertebral body (Pol) 43670

colic, ther., paranephric procaine block (Rus) 45228

colic, ther., spermatic cord & round ligament block (Rus) 41537

complicating basilar meningitis after tuberc. epididymitis (Cz) 38113

dissolving of phosphate & oxalic calculi by edathamil in vitro (Fr) 9167

etiol. & prev. 47845A

etiol. & ther. 50983

etiol. factors (Sw) 52709

etiol. role of gout (Tur) 22374

fluorine content (Ger) 11325

heavy metal salt content, determ., spectrum analysis (Hun) 18601

histochem. 55041

in child., diag. (Rus) 7915

in malformed kidney, surg. (Fr) 46772

in parathyroid adenoma, renal biopsy (Dan) 19945

in single kidney, surg. indic. & technics 55042

manifest., differ. diag. & ther. 53284

mechanism of develop., role of abnorm. of renal pelvis & calyx (Rus) 45597

miniature film for locating small fragments of calculi during surg. 18155

perf. into retroperitoneal space (Ger) 55602

phosphate calculi, dissolution by retrograde irrigation with citric acid solution 33132

pre-calculus lesions in osteoarticular tuberc., manifest. & etiol. factors in chemother. 18062

pyonephrolithiasis in horseshoe kidney, surg. (Sp) 29387

recur., in hyperparathyroidism 14165

recur., ther., salicylamide (Heb) 39786

recur., with tubular impairment of hydrogen ion excretion & hyperchloremic acidosis, case report 12337

relation to calcium-binding capacity of urine 14163

relation to urinary colloids 14162

surg., conservative (Sp) 18844

surg., indic. (Rus) 18242

surg., partial nephrectomy, indic. (Sp) 42213

surg., polar resection in prev. of recurr. calculi 31585

surg., transperitoneal lithotomy 33094

urinary excretion of calcium & inorganic phosphate calcium stones of renal origin 2142

urinary excretion of calcium & magnesium, comparison with healthy subjects (Fr) 45022

urinary oxalic acid excretion 44067

vital staining (Ger) 22848

with infect. & unilateral hydronephrosis in congen. hypertension (Rus) 43547

with renal insuff. & calciuria (Fr) 20686

***cysts***

calcified (Fr) 2008

classif. & pathol. of solitary cysts & polycystic kidneys (Sp) 13539

congen. simple cyst in 2-year old boy 172

cystic degen. in pregn., case reports (Ger) 55747

cystic dis. of renal pyramids, case report (Pol) 30718

diag., retrograde pyelography with presacral oxygen insufflation 16001

differ. diag. from kidney cancer, angionephrography 33444

giant solitary blood cyst, case report (Rus) 45606

large serous solitary cyst, case reports (Fr) 31965

multilocular cysts (Fr) 41475

paranephric (Hun) 10612

peripelvic cysts, x-ray diag. 8569

perirenal cyst simulated by traum. ureteral rupt., case report (Cz) 9445

polycystic dis. (It) 30303

polycystic dis. (Sp) 21188

polycystic dis., bilateral, with intestinal obstruct., case report 14379

polycystic dis., congen. & unilateral, case report (It) 42800

polycystic dis., congen., case reports 5715

polycystic dis., eff. on kidney funct. (Rus) 55148

polycystic dis. of solitary kidney with progressive renal failure, clin. pathol. conf. 50879

polycystic dis. with coloboma of optic nerve, case report (Ser) 51703

polycystic dis. with hematuria caused by rupt. of cavernous renal angioma, case report (Fr) 35531

polycystic dis. with rupt. aneurysm of circle of Willis, case report 1163

polycystic dis., x-ray differ. diag. (Cz) 9446

polycystic kidney, etiol., pathol. & clin. aspects (It) 8599

solitary, differ. diag. & surg. (Nor) 45430

solitary serous, manifest. (It) 25710

solitary serous of lower end of right kidney simulating mesenteric cyst (It) 1102

solitary, surg. (Ger) 14952

ther., terpene prep. (Ger) 34363

unilateral multicystic kidney, case reports 33082

with acrocephalosyndactyly (Ger) 55649

with carcinoma in same kidney, x-ray manifest. 12650

with renal calyx diverticula, case reports (Ger) 34366

***diverticula***

of calyx (Ger) 11400

***effect of drugs on***

acetazolamide admin. in rats, alteration of response by synthetic adrenal corticoids 12500

acriflavine causing necrosis of tubules in rabbits, protective eff. of anesthetics & hydronephrosis 17090

adrenal cortex hormones on sodium & water excretion in normal & Addisonian patients 6745

angiotonin II, synthetic, on funct. in humans (Ger) 18321

aristolochic acid inducing selective necrosis of renal tubules of first order in rabbits (Ger) 43010

arterenol & epinephrine, on circ. & excretion of phosphates, bicarbonates, ammonia & total acid anions (It) 3853

chlormerodrin on nephron, localization of its action in dogs 747

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide on funct. in man 44097

N-p-chlorophenyl-2,4-diamino-s-triazine, histochem. localization of sites of action in rat kidneys 24810

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

chlorpromazine, demonstration by creatinine clearance test (Pol) 8063

contrast media, large dos. on renal funct. after aortography in dogs 35447

corrosive mercuric chloride & uranyl, protein metab. response (Rus) 33568

cystine, on amino acids in tissue & α-amino-nitrogen in renal blood, in rabbits (Ger) 34091

desoxycorticosterone on metab. of rat kidneys in vitro (Ger) 27839

dibazol & pendiomide (Rus) 3568

dibenamine on funct. in ischemic shock in dogs 24029

dietary protein & urea on renal concentrating ability in rat 35788

eff. of prior inject. of mercuric chloride on renal pickup of mercury from later inject. of same 12508

Δ4-estrene-17β-ol-3-one-17α-(3-propionic acid γ-lactone) & aldosterone antag. in eff. on potassium-sodium excretion 51341

estrone, on clearance of radioiodine in normal & adrenalectomized rats (It) 3862

glucagon & insulin on kidney funct. & urinary excretion of phosphate, bicarbonate & ammonia ions in man (Ger) 39897

glycerin in repeated inject. causing tubular atrophy in rats 1789

heparin on hemodynamics in hypertensives (It) 29704

high energy phosphates on resorption in isolated perfused frog kidney (Ger) 30499

hydralazine in rats with exper. hypertension 14104

11-hydroxycorticosteroids on renal exretion of water & electrolytes in force-fed rats 31375

hydroxydione succinate on kidney funct. in rabbit (It) 42475

intermedin, absence of kidney action 14133

kanamycin, nephrotoxic eff. 25010

25011

lidocaine in man & dog 13463

mercaptomerin on water & cation exchanges in slices of rat kidney cortex 17964

mercaptomerin on water exchange in slices of rat kidney cortex 17963

17α-methyl-Δ5(6)-androstene-3β,17β-diol in rats, histol. & histochem. 24856

penicillin-bismuth ther. of syphilis (It) 37642

progesterone, on clearance of radioiodine, in normal & adrenalectomized rats (It) 3882

reserpine in albino rats (Ger) 34008

serotonin on funct. (It) 1861

somatotropin-induced glomerular changes in pulm. tuberc. & inoperable pulm. cancer 23956

ther. agents of severe & malignant hypertension on kidney funct. (Sp) 8704

triiodothyronine in rat (Fr) 26715

triiodothyronine on kidneys & nephrogenic hypertension in rat (Sp) 8981

vasopressin on kidney weight in hypophysectomised rats 49275

***effect of radiations on***

on cytomorphol. in mice, electron microscopy (Ger) 9976

ultrasonics, histol. changes in rats (It) 29610

***embryology***

develop. after autoplastic transpl. of intermedial mesoderm in Discoglossus pictus embryo (It) 1965

eff. of early ablation of pronephros on develop. of female genital pavilion in frog (Fr) 48877

form. of lobes, relation to visceral kinetics (Fr) 44765

role of thyroid funct. on kidney develop. in frog tadpoles, cytol. & histol. studies 49803

***extracts***

comparative analysis of antigenic pattern of rat kidney & lung extracts by gel diffusion against anti-rat kidney serum 4269

***fistula***

reno-intestinal (Rus) 45608

renocolic, review & case report 32535

***hemorrhage***

hematoma, case reports (Ger) 34365

hematoma, perirenal, bilateral (Fr) 2005

spontaneous perirenal hematoma with anuria, case report (Fr) 54048

traum. hematoma followed by hypertension, case report (Ger) 34361

***in various diseases***

changes in renal hemodynamics in various extrarenal dis. (Tur) 45442

circ. rate & oxygen consumption in exper. hypertension & hypotension in dogs (It) 37410

coarctation of aorta, renal hemodynamics 50703

congestive heart failure (Cz) 26543

congestive heart failure, metab. & physiopathol. (Fr) 18079

diabetes mellitus 17764

diabetes mellitus (Ger) 51821

diabetes mellitus, demonstration of changes by sulfide-silver staining method 33971

fatal methyl bromide pois., case report (Fr) 47423

Henoch-Schoenlein dis. in child. (Sp) 37256

in leukemia (Ger) 42873

Laennec's cirrhosis, review 51672

liver cirrhosis, eff. of ligation of hepatic artery & other branches of celiac axis (It) 29705

malignant blood dis. (It) 27763

nitrogen excretion & reabsorption in epidemic hemorrh. fever (Rus) 45889

ornithosis (Fr) 54053

potassium defic., with hypokalemia (Ger) 38892

prostate dis. (Ger) 54326

rheum. arthritis (Pol) 43668

rheum. fever & chronic arthritis in child. (Pol) 7825

sorptive properties in exper. tuberc., determ. by vital staining (Rus) 37303

tonsillitis, test of albuminuria after electrical stimulation of tonsils (It) 19268

urine concentration capacity in acute non-obstruct. urinary tract infect. in inf. & young child. 35348

vasc. histol. changes in rheum. heart dis. (Rus) 25729

***infarction***

exper., enzyme metab. & water balance, histochem. (Ger) 25813

hemorrh., with thrombosis of renal vein in inf., postmortem diag. (Pol) 7814

***metabolism***

(Fr) 9008

acylase I from hog kidney, differentiation from dialkylfluorophosphatase 16911

acylase I from hog kidney, substrate specificity 16912

adenylpyrophosphatase in cell membranes of kidney tubule cells, localization by electronmicroscopy 40591

alkaline phosphatase from swine kidneys, prep. & properties of highly purified enzyme 28253

amine oxidase & amino acid decarboxylase in normotensive & hypertensive 40348

1-amino acids & glycine deamination in birds (Rus) 37133

p-aminohippurate transport from cell to lumen in renal tubule 47113

p-aminohippurate transport in rabbit kidney slices, stages 47114

p-aminohippuric acid accumulation in kidney slices in vitro, displacement by various cpds. 12540

p-aminohippuric acid uptake by rat kidney cortex slices, eff. of pentobarbital 13543

ammonia level, eff. of anoxia, ischemia, asphyxia & hypothermia on rabbits (Ger) 5474

ammonia-producing enzyme systems, study by admin. of precursor amino acids 17071

cytochrome c in normal & irondefic. rats 17598

eff. of aging on rat kidney slices 40875

eff. of mixed narcosis, histochem. in rats (It) 25711

C-esterase from hog kidney, activity at various pH values 13743

fructose & glucose oxidation, inhib. by 6-desoxy-6-fluoroglucose in rat kidney slices 4743

glutaminase activity in fetal pigs 52395

glutamine-metabolizing enzymes, distribution & relation to prod. of urinary ammonia 12538

glycine & phenylalanine incorporation into proteins in vitro, eff. of testosterone & 4β-chlorotestosterone (It) 32591

glycogen, changes in phase of early reaction to x-irradiation in guinea pigs (It) 6913

glycogen content, eff. of thyroxin in rats (Cz) 26514

heat prod. & oxygen consumption in dogs (Ger) 30590

histamine content in transplanted & in normal kidneys in dogs 22315

lipase activity in exper. hydronephrosis (It) 36782

mercury distribution in chow-fed & in sucrose-fed rats after admin. of mercuric chloride 748

mucoproteins in exper. nephritis induced by heteroantibodies (It) 39655

oxygen consumption & sodium transport in medulla (Ger) 30535

oxygen consumption in vitro, eff. of atropine, serotonin & primidone (It) 1884

phosphatase, alkaline, eff. of fasting & glucose admin. in rats (It) 37153

phosphate-activated glutaminase from dog kidney cortex, prep. & properties 28253

polysaccharide & calcium deposits in rat, comparative eff. of parathyroid extract & turpentine 35787

protein extracts from various animal species, electrophoresis (It) 1954

protein fraction, growth rate relative to total body growth in rats 1355

proteins, electrophoresis (Rus) 22656

proteins, soluble, electrophoresis in rats (It) 14006

radiophosphorus incorporation in kidney ribonucleic acid, eff. of thyroxin in rats (Fr) 26705

renin content in renal hypertension in intact & adrenalectomized rats given desoxycorticosterone 35789

renin content of normal & partially corticectomized rabbit kidneys 23957

renin localization in hog & rabbit kidneys 23969

ribonucleic acid, eff. of thyroxin on radiophosphorus incorporation in rats (Fr) 26942

ribose-5-phosphate behavior in early reaction phase in x-irradiated guinea pigs (It) 42593

sedoheptulose-7-phosphate, non oxidative form. from glucose-6-phosphate in animal kidney prep. (It) 14001

L-threo- & L-erythro-β-phenylserine enzymic cleavage & synthesis in kidney extracts (Ger) 25884

thyroxin, triiodothyronine & their acetic & propionic acid analogues, metab. by rat kidney in vitro 49252

triiodothyronine in rat kidney mitochondria in vitro 49260

trimethylamine oxide conservation in dogfish, eff. of trimethylamine & its homologs 47115

urea in tubules in hamster (Ger) 30537

***neoplasms***

10370

(Fr) 41478

aldosterone, 17-ketosteroids & 11-oxycorticosteroids in urine, interrelations (It) 53767

angiolipoma, benign, case report 980

angioma, rupt. causing hematuria in polycystic kidney dis., case report (Fr) 35530

classif. (Ser) 21948

clin. & x-ray aspects (It) 8548

cystadenoma, giant, case report & review (It) 21445

diag., retrograde pyelography with presacral oxygen insufflation 16001

diag., selective arteriography in primary tumors (It) 42531

differ. diag. from renal cysts, angionephrography 33444

differ. diag. from renal echinococcosis, x-ray differentiation (Cz) 14881

differ. diag. from splenic tumor (Ger) 11324

early diag. 28461

embryoma, ther. methods 31494

febrile (Fr) 32372

fibroma of left kidney bed & uterus in pregn. at term, surg. removal with cesarean section & hysterectomy (Fr) 26243

ganglioneuroma of solitary kidney with ureteral involvement causing anuria, case report (Cz) 9456

Grawitz's tumor, hist. 14737

Grawitz tumor, metastasis to vagina (Dut) 30015

hemangioma, perirenal (It) 29744

hypernephroma causing massive intraperitoneal hemorrh., emergency radical surg. 18141

hypernephroma, in 8-year-old child 23522

hypernephroma, manifest. c 14061

hypernephroma, metastasis to tonsil & nasopharynx, causing recur. tonsillar hemorrh. (Ger) 23034

hypernephroma metastases to vagina & vulva (Ger) 33953

hypernephroma of portio of cervix, case report (Ger) 25180

hypernephroma presenting as continuous murmur in chest, case report 2213

hypernephroma, spontaneous disappearance of pulm. metastases after nephrectomy, case report 12712

hypernephroma with hepatic metastases (Bul) 45294

hypernephroma with late multiple metastases after radical surg., case report (Ger) 11119

hypernephroma with metastasis to lungs (Ger) 55637

hypernephroma with metastasis to thyroid, diag. by biopsy of supraclavicular lymph nodes (Hun) 39433

hypernephroma with polyglobulia (Fr) 37936

hypernephroma, with retroperitoneal liposarcoma (Heb) 3963

hypernephroma with simultaneous metastases to brain & scalp. (Fr) 32005

metastasis to lungs, recovery following ablation of primary cancer, case reports (Fr) 28487

metastatic, differ. diag. from malignant endocarditis (Ger) 55605

pathol., histogenesis & classif. (Ger) 45580

perirenal (It) 7737

perirenal metastasizing adenoma (Ger) 55591

postop. metastases, polyglobulia in course of prolonged develop. (Fr) 37939

pronephros carcinoma (Ger) 55586

radiother. (Por) 21055

statist. (Ser) 51721

surg., nephrectomy, transperitoneal abdom. approach (Fr) 28681

surg., transperitoneal nephrectomy (Rus) 41553

with cyst in same kidney, x-ray manifest. 12659

with renal tuberc., case report (Fr) 41469

***pathology***

amyloid deposits in secondary amyloidosis, electron microscopic studies 28953

aspiration needle biopsy 40911

biopsy by transcutaneous technic (Fr) 43901

biopsy, clin. value in glomerulonephritis, nephrotic synd. & nephritis (It) 3875

biopsy in child. 43487

biopsy in nephrosis in child. (Sp) 21120

biopsy in persistent proteinuria 39718

biopsy in pheochromocytoma 35698

biopsy, percutaneous, compl. 11629, 45507

biopsy, percutaneous, electron microscopy of glomeruli (Dan) 33391

biopsy, percutaneous, in amyloidosis, case reports 41036

biopsy, percutaneous, method for child. & uncooperative patients 49001

biopsy, review (Fr) 53032

biopsy technic (Fr) 31043

biopsy, technic (Ger) 51804

biopsy, transcutaneous puncture, technic & results 21042, 31032

biopsy, tunnel & trapping tecanic 35072

changes in adrenalectomized sensitized rats treated with adrenal cortex extract 49261

correlation of biopsy with proteinuria 47082

eff. of anti-kidney antibodies on remaining kidney in donor rabbit (It) 42552

histochem. changes in rats made hypertensive by Goldblatt method 29859

histol. & histochem. changes in parabiotic rats, correlation with electrophoretic blood protein changes (Fr) 13014

in anicteric leptospirosis (It) 21500

in arteriosclerotic coronary dis. (It) 20179

in Cortinarius orellanus pois. (Pol) 43656

in diabetes mellitus, transcutaneous biopsy (Sp) 20831

in fluorosis, reversibility of kidney changes 34945

in gout (It) 31778

in lead pois. in indust. workers (Fr) 47764

in lead pois., intranuclear bodies in renal tubules, histochem. study 5837

in pregn. toxemias 45040

in scleroderma (Hun) 20165

in vitamin E defic. in rats 5536

juxtaglomerular appar. & macula densa in renal histophysiopathol. (It) 6940

lesions accompanying potassium defic. 501

postmortem autolysis of animal kidneys, histol. (Ger) 55634

rapid method for separating glomeruli from rabbit kidney, value in determ. of renal renin 19654

staining of glomerulus, modified periodic acid-Schiff method (It) 6942

vasc. changes in scleroderma (Ger) 46101

***physiology***

*see also* KIDNEY FUNCTION TESTS

adjustment to exper. femoral arteriovenous fistula in dogs 14994

ammonia form., relation to sodium & water depletion 50466

athrocytosis of trypan blue in guinea pigs, eff. of hyaluronic acid (It) 1946

circ. changes in hypothermic isolated dog kidney perfused in pump-oxygenator system 22029

circ. rate & oxygen consumption in dogs, measurement by nitrous oxide technic (It) 37408, 37409

clearance in chronic pulm. heart dis. after massive admin. of oxygen (Fr) 39883

clearance of thiourea & its deriv. in normal humans 51101

compensatory hypertrophy after unilateral nephrectomy in rats with exper. sarcoma (It) 9937

concentrating ability in hyperthyroidism 17032

concentrating mechanism, eff. of heavy exercise in hydropenic men 50450

concentrating mechanism, eff. of small acute changes in solute excretion in healthy men 50449

control of erythropoiesis in dog 42972

determ. of serum albumin content in renal papilla of dog 9583

eff. of anoxia on kidney funct. in hypothermia in dogs (Hun) 51430

eff. of balneol. 31782

eff. of bladder catheterization on kidney funct. (Cz) 26553

eff. of blood transfused from dehydrated dogs on funct. (Hun) 29175

eff. of damage to various parts of renal tubules on phosphate excretion in dogs 48451

eff. of denervation on excretory funct. (Rus) 7793

eff. of dry heat in Finnish sauna bath on renal clearances 24858

eff. of emotions & conditioned reflex water diuresis in dogs (Cz) 38195

eff. of exper. hypothermia on tubular transport mechanisms in dogs 12500

eff. of homoplastic transpl. of periosteum to renal capsule in rabbits (It) 25550

eff. of hypercalcemia induced by vitamin D2 on renal concentrating ability 40686

eff. of intravenous infusions of saline & glucose hypertonic solutions on excretion of water & electrolytes(It) 3867

eff. of irrigation on oliguria in burns in dogs, role renal innerv. (Fr) 15152

eff. of isolated perfusion of head with normal blood on kidney funct. in hemorrhagic shock in dogs 24030

eff. of magnesium loading on excretion of magnesium & other electrolytes 4868

eff. of musc. activity, review (Fr) 181

eff. of partial ligation on blood protein & lipoprotein levels in rabbits (Fr) 3072

eff. of peridural anesth., (Ger) 33945

eff. of rapid water, sodium & dextran loading in intact infused anesthetized dogs 12547

eff. of renal capsulectomy on compensatory hypertrophy of kidney in rats (It) 37493

eff. of selective catheterization of renal artery, in dogs 35379

eff. of stimulation of soft palate on kidney funct., reflex mechanisms in guinea pig (Pol) 20465

eff. of temporary ligation of renal pedicles on serum ribonuclease activity in rats 20733

eff. of transection of spinal cord on funct. in dogs (Ger) 53077

eff. of Trendelenburg's position on funct. during gyn. surg. (It) 25709

electrical potential measurements on nephrons of salamander 4813

electrolyte excretion in electrolyte-depleted rats, eff. of sodium potassium & chloride supplementation 12544

electrolyte transport 13172

elimination of acid aminopolysaccharides, eff. of hyaluronic acid & relation to inulin clearance, in rabbits (It) 13974

elimination of lithium in rats 24010

elimination of sodium, eff. of adrenal cortex hormone ther. of edema (Fr) 2491

erythrocyte & serum albumin distribution in kidneys after intravenous admin. to dogs, radioautographic determ. 15008

erythropoietic factor different from erythropoietin produced in kidneys of x-irradiation-nephritic mice 36127

excretion of sodium & water (Sp) 21040

filtration fraction in congestive heart failure, relation to water-salt retention 12328

fluoride retention, eff. of dietary fats in rats 5542

funct. & structure in exper. hyperparathyroidism in rats 11890

funct. compensation after unilateral nephrectomy (It) 32068

funct. in scleroderma 14315

glomerular filtration rate & electrolyte excretion, eff. of acute hypochloremia in dogs 39263

glomerular permeability to polyvinylpyrrolidone, determ. by molecular sifting in dogs (Ger) 55465

glomerular pressure, method for determ. in cold-blooded animals (Ger) 34007

glucose transport, inhib. by phlorhizin in dogs 12541

graphic placement of transport segments along nephron from urine concentration pattern developed with stop-flow technic 28637

heat prod. in dogs (Ger) 30520

in hemorrh. shock, eff. of chlorpromazine in dogs 54688

in normal cond. & renal dis., review 20543

in pig, comparison with other mammals 15621

intrarenal separation of erythrocytes & plasma, theoretical study & objections (Fr) 39887

intravasc. hemopoiesis in renal medulla in shock, postmortem study 5655

ion & water transport in single proximal tubules of salamander kidney, technic for micropuncture & microperfusion 35792

ion transport & water resorption in tubule cells in hamster (Ger) 30536

localization of nephrotoxic antigens 41822

localization of transport within nephron segments, graphical analysis 12509

mechanism of renal response to plasma volume expansion in dogs 48450

mode & site of renal action of parathyroid extracts in dogs 48452

nephron funct. as countercurrent multiplier system to concentrate urine 9561

nephron funct. in normal & uremic cond. 5413

nerv. regulation, review (Rus) 33484

nutritional aspects, review 12349

physiopathol. & histochem. in potassium depletion, in rats 5617

physiopathol. of glomerulus in essential hypertension (It) 6939

physiopathol. of reno-ureteral excretion (Fr) 7664

possible interaction between blood proteins & various substances excreted by kidneys, electrophoresis (It) 37469

potassium excretion mechanism in chicken 50452

prohypertensive & antihypertensive actions of kidney, review 13152

regen. of epithelium (Rus) 33299

regulation of blood & urinary phosphorus 4846

regulation of sodium metab. in patients with congestive heart failure on low-sodium diet (Pol) 20462

regulation of thirst (Sp) 53924

relation of juxtaglomerular cells to blood sodium level & zona glomerulosa of adrenal cortex 700

renal structure & funct. assoc. with body fluid regulation in child., review 52996

renal tubular water reabsorp. in child. with pyelonephritis & urinary tract abnorm. (Cz) 14849

research progr. (Ger) 30588

response to exercise 14324

role of hyaluronidase in reabsorp. of water in kidney tubules, relation to antidiuretic action of vasopressin 19687

role of kidney in arterial hypertension (Sp) 21048

role of parenchyma in regulation of glucose metab. & eff. of exper. biliary stasis on blood sugar curves, in dogs (It) 24937

secretion, eff. of autonomic drugs in surg. shock (Ger) 29019

secretion of ammonium ions in tubules in golden hamster (Ger) 30538

secretion of sexual part of kidneys in reptiles, histochem. (It) 1882

simultaneous occurrence of certain changes in uterine & renal activity in dogs, role of oxytocin 28618

site of action of mercurial diuretics, localization by stop flow analysis 35791

sodium excretion in pre-eclampsia, mechanism 3004

sodium reabsorp. in proximal & distal tubules in dogs, eff. of adrenalectomy & aldosterone admin. 31390

sodium transport along renal tubule, localization & characterization 35790

specific heat in dogs (Ger) 55481

transport of chlorophenol red by isolated renal tubules of flounder 4814

transport of dyes by isolated renal tubules of flounder 4816

tubular funct. 350

tubular funct. in Lowe synd. (Sp) 30458

tubular reabsorp. of chloride during changing chloride levels in blood in dogs 12504

tubular reabsorp. of glucose during pregn. 44890

tubular reabsorp. of histidine in pregn., glycosuria & renal insuff. (Ger) 27179

tubular regulation of urea excretion 4672

tubular secretion of creatine, trimethylamine oxide & other bases by aglomerular kidney of fish 17324

tubular water resorption during ureteral catheterization (Ger) 11333

urine concentrating mechanism, role of vasopressin 5265

water reabsorp. from proximal tubule of salamander kidney, eff. of 2,4-dinitrophenol & ouabain 35793

***radiography***

*see also* PYELOGRAPHY

angiography, technic (Sp) 21043

aortography, urography & pyelography, present status 20540

arteriographic image in exper. ureteral block in dogs (It) 42527

arteriography (It) 42516 42522 42523 42528 42533 42534

arteriography & compl. 30133

arteriography & phlebography (It) 42530

arteriography, selective (It) 42517, 42518

arteriography, selective, indic. in urol. & comparison with translumbar abdom. aortography (It) 42532

arteriography, transfemoral (It) 42519, 42520

contrast media, nephrographic eff. & renal arteriographic damage, review & exper. 35403

diag. value & technic (Ger) 29094

pneumostratigraphy, method & diag. value (Fr) 7058

radiol. determ. of dimensions, normal values (Fr) 29635

roentgenkineangiography, selective (It) 42526

***rupture***

surg., partial nephrectomy 50664

***surgery***

*see also* NEPHRECTOMY

exper., preop. & postop. sleep ther., eff. on gastric secretion (Rus) 33194

exper. splenonephropexy for form. of portal shunt in hypertension (It) 51981

exper. spleno-nephropexy for portal hypertension (It) 30667

in situ, Lurzsche technic (Ger) 29093

indic. & procedures for renal salvage in neoplasms, calculi, hydronephrosis & cystic dis. 50114

modified Mayo flank incision 33107

nephrectomy & nephrostomy, nursing care 618

nephropexy, technic & case reports (Fr) 44607

omentorenopexy & omentohepatic fixation with splenectomy in portal hypertension (Rus) 18245

*transplantation*

antibody reactions to kidney homotranspl. in dogs, eff. of protein defic. & massive radiogoid inject. 47562

autotranspl. & homotranspl., physiol. & immunol. aspects 6250

between monozygotic twins 1235

eff. of exper. arterial hypotension on urinary flow in dogs (Sp) 954

successful results in identical twins 26113

*wounds and injuries*

bilateral subcutaneous trauma (Rus) 10722

closed traum. inj. (Pol) 53148

conservative ther. & surg. (Pol) 30692

diag., x-ray, methods & results (It) 8613

posttraum. infarct (Ger) 55598

solitary kidney inj., surg. indic. & technics 55038

subcutaneous inj., diag. by retrograde pyelography (Rus) 45599

with spleen inj., surg. ther. (Ger) 45998

***KIENBOECK'S DISEASE** see* OSTEOCHONDRITIS

**KIMMELSTIEL-WILSON SYNDROME**

27255

(Fr) 55101

*physiology*

adrenal cortex (Ger) 15635

*surgery*

hypophysectomy, neurosurg. aspects 5524

**KLEBSIELLA**

aerobacter, eff. of 5-fluorouracil on multiplication in vitro (It) 16007

emergence of higher serotypes in sputum, influence of penicillin ther. 1144

virulent & avirulent strains, pyrogenic eff. of polysaccharides, comparison (Ger) 23001

*effect of drugs on*

novobiocin on Klebsiella ozenae & rhinoscleromatis in ther. of ozena & rhinoscleromatis (It) 1858

rhinoscleromatis, chloramphenicol & chlortetracycline, primary sensitivity (Rus) 11474

**KLEBSIELLA PNEUMONIAE**

*see also* PNEUMONIA

fate of bact. introduced into peritoneal cavity of normal guinea pig (Fr) 26888

*effect of radiations on*

gamma rays (Rus) 51759

*immunology*

capsular & somatic antigens, isolation & analysis (Fr) 28404

***KLEPTOMANIA** see* NEUROSES, OBSESSIVE-COMPULSIVE

**KLINEFELTER SYNDROME**

diag., etiol. & physiopathol. (Fr) 9189

*case reports*

in identical twins 40669

with unexplained multiple spider angiomata 48524

*complications*

diabetes mellitus (Fr) 41433

ment. defic. in true chromatin-positive Klinefelter synd. (Ger) 21609

transvestism (Ger) 36491

*diagnosis*

chromosomal sex determ. by blood (Ger) 3988

*pathology*

discrepancy between chromatin & chromosomal sex (Ger) 8077

discrepancy between sex chromatin & genetic sex, review & case reports (Ger) 48601

*physiology*

absence of gonadal response to chorionic gonadotropin (Sp) 8694

color vision studies as test of x-chromosome constitution 19843

sex chromatin (Sp) 21185

***KLIPPEL-FEIL SYNDROME** see* SPINE, *abnormalities*

***KLIPPEL-TRENAUNAY DISEASE** see* ANGIOMATOSIS

**KNEE**

rabellae in Japanese (Ger) 33889

knee jerk reflex, registration (Rus) 34819

motion sounds, evaluation (Ger) 6712

resorption in hyaluronidase-& hydrocortisone-treated dogs under normal & pathol. conditions (Ger) 37758

trick-movements in knee-extensions in physiother. 20361

*abnormalities*

congen. extensor contracture (Rus) 43388

discoid meniscus (Dut) 37044

37042

genu valgum & genu varum, compl. & x-rays (Sp) 8885

genu valgum & genu varum, conservative ther. in inf. ther., use of new fixation plate (Ger) 40341

*anatomy and histology*

comparative anat. in relation to extensor digitorum longus musc. in mammals, reptiles & amphibians 25364

ligamentum patellae attachment to tibia, anat. 13938

*cysts*

baker's cyst, pathol. & ther., review 16791

*diseases*

ankylosis, fibrous, surg. 35479

arthrosis deformans, hydrocortisone ther. (Sw) 47843

arthrosis, ther. (Ger) 32864

arthrosynovitis, chronic aspecific aseptic, pathol. anat. (It) 34277

arthrosynovitis, chronic aspecific, clin. aspects (It) 31741

arthrosynovitis, etiol. & ther., case reports & review (It) 31740

aseptic necrosis, juvenile, bilateral, in 7-year-old child (It) 31739

calcification of meniscus, case reports (It) 39665

degenerative joint dis., surg. patellectomy, clin. & pathol. aspects 54230

flexor contractures in cerebral palsy, surg. (Rus) 11797

gonitis, surg., resection-arthrodesis, remote results (It) 4336

growth cartilage lesions, x-ray manifest. (Fr) 25609

hemophilic hemarthrosis causing flexion of knee, reduction by continued extension with Kirschner pin (Fr) 23660

inflamm. & suppurative, surg. (Rus) 54065

knee-bending contracture & subluxation, appar. for correction (Ger) 33202

medial meniscus, differ. diag. & surg. with pre- & postop. exercise 35349

meniscal degen., case reports (Fr) 51561

osteitis deformans of patella 9224

osteitis fibrosa in child with pithiatic paraplegia (Fr) 40620

osteoarthritis (Por) 51507

osteoarthritis, phys. & surg. ther. & intra-articular hydrocortisone & prednisolone (Por) 39975

osteoarthritis, ther., intra-articular inject., statist. 51645

osteoarthritis, x-ray diag. (Por) 40625

osteochondritis of patella in child. (Ger) 16130

osteomalacia of patella (Tur) 34548

pain, caused by hip dis., early diag. 32996

painful knee, role of podiatrist in management 52767

patellar strangulation with partial rupt. of proper ligament (Rus) 4574

posttraum. periarticular ossification, x-ray diag. (Ger) 52871

purulent arthritis, after hydrocortisone ther. (Fr) 3618

rheum. arthritis, x-ray manifest. 44786

stiffening of connected tissue in stretched position (Dut) 18372

synovial hypertrophic lesions, histol. similarities with giant-cell xanthoma of heel (Pol) 39643

synovitis, chronic aspecific, clin. aspects, case reports & review (It) 38462

ther., intra-articular & periarticular inject. of placental juice (It) 53839

traum., inflamm. & chronic non-inflamm. dis. & neoplasms (Ger) 36787

synovitis, aspecific, histopathol. & etiol. (It) 3370

x-ray diag., indic. & technics (Fr) 31749

*dislocation*

bilateral, recur., of superior tibiofibular joint, with peroneal nerve palsy 21371

congen. (Fr) 16985

congen. dislocc. of patella, ther., double torsion osteotomy of diaphysis of femur (It) 19258

habitual dislocc. of patella, pathogen. & surg. (It) 26600

habitual dislocc. of patella, x-ray diag. (Ger) 25607

meniscal, pathol. & surg. (It) 34259

postero-lateral, with capsular interposition, surg. 9343

recur., with familial joint laxity, case reports 40628

traum. dislocc. of patella (Nor) 40629

*fractures*

52716

29755

compl. of patella fract., medicolegal factors in disability evaluation (It) 243

intra-articular, management (Rus) 45691

of tibial plateau, ther. (It) 19222

patella, posther. osteoarthritis (Ger) 23187

patella, ther. 52756

surg., patellectomy & suture (Cz) 35038

*muscles and tendons*

integrative pattern of Ia synaptic actions on motoneurons of hip & knee musc. 41342

*neoplasms*

giant cell tumor 50246

surg., diaphyso-epiphysial resection 4785

*pathology*

bilateral rupt. of ligamenta patellae in disseminated lupus erythematosus, case report 36914

dysplastic changes in achondroplasia & dislocc. of patella 35283

eff. of tranthiorinor on bone develop. 51048

punch biopsy of knee synovium, diag. value in collagen dis. 23400

synovial fluid changes in rheum. dis., diag. value & Polley-Bickel needle biopsy technic 35198

*radiography*

frontal, of knee in flexion (Fr) 54194

meniscography, technics & diag. value (Fr) 32036

modified axial view of patella 11089

pneumoarthrography, appar. (Fr) 41383

seriographic arthrography with skiascopic control (Cz) 14879

technics 11100

*surgery*

arthrodesis, intra-articular, in tuberc. of knee (It) 25604

arthroplasty, indic. & technics 10121

arthroplasty, use of cutis as interposing membrane, technic & case reports 16969

compression arthrodesis, end-results 40624

cruciate ligament substitution from meniscus (Ger) 29033

Eggers' method in surg. of flexor musc. of knee in movement disord. in cerebral palsy (Rus) 7700

meniscectomy, anat. aspects (Fr) 18527

meniscectomy, postop. care (Ger) 19376

osteoplasty, remote results (It) 26691

patellectomy, postop. physiopathol. 14676

patellectomy, repair of extensor mechanism 40610

plastic restoration of cruciate ligaments without opening joint capsule (Rus) 18223

postop. exercise ther. 8020

repair of internal lateral ligament, remote results (Fr) 51449

*wounds and injuries*

burso-ligamental appar., ultrasonics in combined ther. (Rus) 52881

diag., first exam. (Ger) 29401

in athletes, management 5863

inj. of collateral & cruciate ligaments, surg. ther. (Ser) 35082

internal inj., radioisodium determ. of local tissue blood circ. changes (Rus) 52862

laceration, in pregn. woman, compl., fatal tetanus appearing 7 days after cesarean section (Fr) 26236

laceration of lateral ligament, compensation (Ger) 42894

lateral ligament inj., plastic surg. (Ger) 29067

ligament inj. simulating calcification of posterior cruciate ligament & intercondylar quartum tuberculum (Ger) 15879

management (It) 52052

medial ligament inj., physiopathol. 11883

meniscal, diag. value of arthropneumography (Rus) 45760

meniscal, diag. value of contrast arthrography (Rus) 45759

meniscal inj., in workers, case hist., medicolegal factors (It) 248

meniscal, medicolegal aspects (Ger) 42886

meniscal traum. lesions, case reports & stratigraphic aspects (It) 9345

meniscus, diag. value of contrast arthrography (Rus) 52859

meniscus inj., follow-up ther. (Ger) 19451

meniscus, partial & complete removal in sheep & dogs (Rus) 52860

meniscus, surg. results (Pol) 38454

phys. ther., importance of rotators in stabilising knee 20374

post-traum. rigidity, exercise ther. (It) 9347

rupt. of collateral ligaments, permanent disability evaluation & compensation in Austria (It) 21463

severe sprain of left knee, surg., reconstruction of lateral external ligament, technic & late results (Fr) 18645

stress inj. causing chondrolysis, surg. ther. (Ger) 45984

tear of external & internal lateral ligaments, ther. (Ger) 27824

***KOEHLER'S DISEASE** see* OSTEOCHONDRITIS

***KOLLIDON** see* POLYVINYLPYRROLIDONE

**KORSAKOFF'S SYNDROME**

post-traum. (Fr) 36133

*complications*

Cushing synd. (Rus) 53459

*manifestations*

language disord. 5500

*pathology*

cerebellum, case report (Fr) 44730

mammillary body changes, relation to amnesic disord. (Fr) 53400

mammillary body histopathol., postmortem study (Fr) 53368

*psychology*

perceptual funct. 17764

selective & differentially accelerated intellectual dysfunct. 4913

*KRAUROSIS VULVAE see* VULVA, *diseases*

*KREBS CYCLE see* METABOLISM, TISSUE

*KRUKENBERG TUMOR see* OVARIES, *neoplasms*

**KWASHIORKOR** 5165

in tropical preschool child., review 51055

synd. resembling kwashiorkor in corn-fed monkeys 33053

***blood in***

cholesterol 29530

proteins, electrophoretic patterns in Italian cases (It) 43476

sedimentation rate 41463

***case reports***

(It) 3974

in 5-year-old Mexican child., comparison with marasmus in 2-year old inf. (Sp) 48087

in Moroccan inf. (Fr) 25453

***complications***

liver cirrhosis in Morocco (Fr) 24287

***epidemiology***

in Belgian Congo (Fr) 36184

***experimental***

kwashiorkor-like cond. in mice & rats, histochem. aspects of liver & other organs 2057

kwashiorkor-type of fatty liver, induction in monkeys 5003

***manifestations***

alimentary hepatosis (Por) 8767

chem. & morphol. changes in hair of affected child. (Fr) 1072

***metabolism***

fat digestion & absorp. studies in child. (Fr) 1074

proteins 24370

***microbiology***

intestinal bact. changes, relation to infect. 18396

***pathology***

liver histopathol. 4333

musc. histopathol. (Fr) 36190

***physiology***

eff. on develop. of bones of knee 51048

***prevention and control***

in Western Nigeria 10972

***statistics***

mortal. in child. hospitalized in Hosp. Infantil de México (Sp) 48083

***therapy***

emergency & advanced ther. (Dut) 36198

maize grusl diet with chlortetracycline supplement, case report 39182

prev. & ther., processed protein foods 4319

protein diets in prev. & ther., review 7557

**KYMOGRAPHY**

at rest & after exercise in cardiacs & healthy persons, review (Ger) 19024

electrokymographic delineation of lower limit of heart in man (Cz) 2737

electrokymography with photovoltic cell, simplified method (It) 31652

heart funct. test (Ger) 35567

preop. & postop. determ. of diaphragm motion in thoracic surg. (Ger) 25789

roentgenokymography of heart, eff. of exercise (Rus) 10801

roentgenokymography of resp. changes after total-body x-ray & gamma-ray irradiation (Rus) 51749

***apparatus and instruments***

electrokymographic Kv calibration device (It) 31653

kymograph with synchronous motor type of velocity control 32230

***in various diseases***

cancer of bronchi, electrokymography in early diag. (Ger) 39377

electrokymography, postconvalescent, in myocardial infarct 26505

gastrocardiac synd., x-ray kymography (Ger) 39381

roentgenkymographic evaluation of mitral regurgitation (It) 27438

roentgenokymography, determ. of minute volume in hypertension (Rus) 33257

roentgenokymography in congestive heart failure after ligation of iliac veins (Rus) 33230

roentgenkymography of left auricle in mitral insuff. (It) 24935

x-ray kymography in diag. of tricuspid valve stenosis, role of volumetric & kinetic changes of right lower arch (It) 9296

**KYNURENINE**

***in urine***

in patients with cancer of bladder (It) 13983

**KYPHOSIS**

***complications***

arthrosis of vertebrae & disks with hyperostosis, eff. on peripheral articulation (It) 8666

kyphoscoliosis causing paraplegia, review (Fr) 9152

***surgery***

50616

ambulant correction of thoracic kyphosis with exper. use of hydrostatic pressure 50396

**LABOR**

***see also* DELIVERY**

***see also* DYSTOCIA**

acceleration & induction with oxytocic perfusions (Por) 53932

acceleration & psychoprophylactic method, review (Sp) 10399

acceleration,with musc. relaxant 1-(3, 4-dimethoxy)4-diphenyl-1-dimethylaminobutane (Ger) 6703

acceleration,with musc. relaxant 6-isoamyl-amino-2-methylheptane (Sp) 6952

acceleration,with 4-phenyl-4-propoxy-1, 2, 5-trimethylpiperidine (Rus) 45120

adjuvant ergotoxin prep. ergam (Rus) 46839

after previous cesarean section (Rus) 12156

after previous cesarean section, compl. & management (Fr) 9664

after previous cesarean section, management 18780

after ther. of sterility (Sp) 7585

course after threatened abortion (Ger) 51868

determ. of closeness of labor by colpocytogram (It) 54252

determ. of date, method (Ger) 11007

eff. of meprobamate on third stage (Ger) 52231

home confinements 53373

in elderly & young primiparas, comparison 48497

in elderly primiparae, management (Pol) 43642

in pulm. tuberc., management (Rus) 12160

internal version, hist. note & present-day status (Sp) 38532

management in woman with shortened diagonal conjugate 48399

painless (Fr) 26278

painless, accelerated method (Ger) 18926

painless, blood pH in (Fr) 26856

painless, management (Sp) 29354

painless, principles of patient prep. 33420

painless, psychophys. & psychoprophylactic methods, problems (It) 6850

painless, psychoprophylactic & directed labor, hist. & methods (Sp) 9412

43936

painless, psychoprophylactic method (Dan) 7474

painless, psychoprophylactic method (Fr) 54602

painless, psychoprophylactic method (Sp) 3340 22271 31958 55000

painless, psychoprophylactic method & results (It) 8466

painless, psychoprophylactic method, significance of soc. status (Ger) 33915

painless, psychoprophylactic, use of music (It) 44841

painless, Read method (Ger) 42272

painless, with admin. of reserpine & glutethimide for facilitation of uterine contraction & cervical dilat. (Sp) 7592

postpartum resp. experiences, relation to pregenital mastery in asthmatics, psychoanalytic interpretation 4287

postpartum uterotonic eff. of d-lysergic acid cyclopentylamides (Cz) 36520

premature, caused by hemorrh. from rupt. marginal sinus 32535

premature, etiol. (Pol) 27588

premature labor caused by incompetent internal os of uterine cervix, surg. technics for repair during & between pregn. 20083

premature, prev. by 17α-hydroxyprogesterone caproate 13217

premature, prev. by pendiomide (Pol) 43653

premature, prev. with baralgin (It) 9414

premature, relation to maternal indust. employment (Pol) 39638

premature, ther. at onset with Irgapyrin (Ger) 11467

prolonged 35743

50242

prolonged, causes 18777

psychol. prep. & acceleration & induction with oxytocin perfusion, case reports (Por) 53934

psychol. prep., group method & audiovisual aids 27515

sudden, precipitate & unexpected labor, classif. & medicolegal aspects (Sp) 27218

3d stage, adjuvants, ergonovine & methylergonovine tartrate (Cz) 14816

3d stage, eff. of withdrawing placental blood (Cz) 14810

3d stage induced by oxytocin 13560

35745

3d stage induced by oxytocin, management (Cz) 14820

3d stage, management (Cz) 14809

14813

3d stage, management (Ger) 55396

3rd stage, management in pulm. tuberc. (Cz) 14817

3d stage, management, value of vasoplacentography (Cz) 14812

3d stage, selective management of delivery of placenta (Cz) 14811

***anesthesia and analgesia***

38598

46060

adjuvant meperidine & promazine ther. 22731

adjuvant meperidine, increased dos., with nalorphine 5571

adjuvant meperidine with chlorpromazine, value of right dos. (Ger) 393

adjuvant meprobamate (It) 3730

adjuvant, meprobamate, eff. on length of labor & breathing & crying time of inf. 52820

adjuvant methylparafynol carbamate (Fr) 44646

adjuvant musc. relaxant (Ger) 42333

adjuvant neuroplegic drugs (Cz) 38266

38267

adjuvant promazine 21516

adjuvant promazine (It) 42489

adjuvant promethazine 40358

40273

43307

adjuvant promethazine, statist. analysis of results 26423

adjuvant promethazine with meperidine in 1st stage, parenteral admin. 24718

adjuvant relaxin 6962

adjuvant repository tubocurarine 20088

5-allyl-5-isobutyl-2-thiobarbituric acid, intravenous admin., eff. of polyvinylpyrrolidone (Ger) 12879

antispasmodics & anesth. causing brain damage in inf. (Fr) 11985

atropine with nicotinic acid, phenobarbital & procaine (Ger) 29499

caudal anesth. in vaginal delivery, organiz. of serv., medication, technic & maternal & perinatal inf. mortal. 47331

chloroform, hist. 48165

chloroprocaine 19910

chlorpromazine adjuvant 47009

dibucaine in hyperbaric solution & saddle block spinal anesth. (Sp) 8949

1-(3, 4-dimethoxyphenyl)-1-dimethylamino-4-phenylbutane, eff. on duration of labor (Ger) 23232

10-(3-dimethylaminopropyl)-thiophenylpyridylamine (Ger) 18972

(2, 2-diphenyl-3-methyl-4-morpholine)-butyryl pyrrolidine (Fr) 39472

(2, 2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine (Dan) 7475

(2, 2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine (It) 15032

51982

epidural block (Ger) 12887

ethyl vinyl ether 12975

general & spinal, eff. on resp. in newborn 35752

glutethimide 24510

38046

glyceryl-guaiacolate, tolazoline & vitamin B1 (Sp) 32456

in complicated & uncomplicated cond. 26496

indic., methods & progr. (It) 9417

lumbar epidural anesth. for vaginal delivery 14569

maternal mortal. 52825

perphenazine 47010

6-piperidino-4-diphenylheptane-3-one, pre-delivery sedative & analgesic 2839

potentiation, methods & results (Sp) 38509

pregnane-21-ol-3, 20-dione succinate (Fr) 38804

pregnane-21-ol-3, 20-dione succinate (Ger) 3738

pudendal block with lidocaine in expulsion period (Ger) 42271

pudendal nerve block, transvaginal approach 47011

saddle block anesth., late seq. 50172

So. Dakota statist. 45072

spinal anesth. 40986

thiopental-curare in vaginal delivery 52143

trichloroethylene, maternal, neonatal & perinatal mortal. 14570

1, 1, 1-trifluoro-2-bromo-2-chloroethane, inhib. eff. on uterine contractions 29000

use of hypnosis (Fr) 55126

vagal ganglion block with scopolamine-N-butylbromide (Sp) 49165

***blood in***

blood picture (Cz) 38271

C-reactive protein (Sp) 22273

calcium, potassium & sodium in fetal, maternal & umbilical blood during 3rd stage (Pol) 8090

clot retraction in normal & pathol. conditions (Cz) 14821

coagulability (Pol) 27593

coagulation (Ger) 25199

erythrocytes, osmotic stability (Pol) 27589

estrogen & progesterone levels in mother & fetus at birth 29002

estrogen levels, comparison with pre-delivery levels (Fr) 38669

fibrinogen (Cz) 14822

fibrinogen in normal & toxemic pregn. (Ger) 24800

fibrinolytic activity, fibrin plate method of study (It) 53687

glutathione, determ. of stability 4876
17-hydroxycorticosteroids in early & late bovine labor 40799
leukergy (Pol) 39627
p-phenylenediamine oxidase, relation to ceruloplasmin (It) 24960

**complications**

accid. death of inf. in sudden & unexpected labor, medicolegal aspect 27218
adrenal hemorrh. causing stillbirth & maternal death (Dut) 52553
afibrinogenemia, diag. & management (Sp) 8943
afibrinogenemia, ther. (Cz) 14824
anal protrusion of ovarian cyst during labor 14946
anemia, hemolytic, acute episode 35749
appendicitis, case report 3935
bladder dis. (Ger) 29486
burns, eff. on course 24521
cardiac arrest 10455
causing neonatal mortal. in Italy (It) 42567
cervical & uterine inj., prev. & management 38588
cervical laceration (Rus) 54562
cervical laceration, clin. & morphol. studies in (Rus) 12114
eclamptic attack, ther., hydroxydione succinate (Sp) 22275
51626
endometritis, histopathol. (Rus) 12162
fatal pancreatic hemorrh. (Ger) 39537
heart block, case report 7648
in adolescents, statist. (Ger) 46075
perineal & vaginal inj., prev. & management 38587
perineal lacerations, causes (It) 54262
rupt. of splenic artery aneurysm during last stage, emergency surg. (Dut) 29938
sacral plexus inj. 14680
surg., episiotomy, vaginotomy & perineorrhaphy, technics (Sp) 2932
ther., adenylpyrophosphate (Fr) 27724
ther., N-(p-biphenylmethyl)-atroptnium bromide (Rus) 43436
ther., colimycin (It) 52028
52031
ther., colimycin with penicillin, local admin. (It) 52029
ther.,ergotamine, indic. (Fr) 18619
thromboembolism (Dut) 29997
umbilical cord hemorrh., unusual case (Cz) 38275
umbilical cord prolapse, etiol. & ther. 35273
urinary tract abnorm. (Ger) 51858
urogenital fistulae, surg., results (Ger) 11434
uterine rupt. after external version in patient with afibrinogenemia 5578
uterine rupt., case report 20073
uterine rupt., causes (Ger) 3740
uterine rupt., surg. with postop. hemorrh., afibrinogenemia, shock & ureteral fistula (Fr) 36232
uterine rupt. with hemorrh., use of abortus forceps for compression of uterine artery (Ger) 36041
uterine tonus disord. (Rus) 12108

***hemorrhage***

caused by insertio velamentosa, differ. diag. & ther. (Ger) 39548
caused by low insertion, incidence & progn. (Fr) 26226
diag. & ther. (Fr) 26972
in 3d & 4th stages, prev., oxytocin (Cz) 14814
in 3d stage (Cz) 14808
in 3d stage, eff. on lactation (Cz) 14819
in 3d stage, etiol. & ther. (Cz) 14807
in 3d stage, prev. (Cz) 14815
measured external blood loss at normal delivery, relation to blood volume change 35269
post-partum followed by develop. of transient diabetes insipidus & Sheehan's synd. 35175
postpartum hemorrh. & manual extraction of placenta 18783
post-partum, prev. (Rus) 46812
postpartum, prev. by hyaluronidase & oxytocics before end of 3d stage, intramusc. admin. 20486

***metabolism***

glucose assimilation in normal pregn., labor & puerperium (It) 13114
vitamin A & β-carotene, comparison in pregn. & puerperium (Ger) 40184

***physiology***

action potentials of uterus, electrographic recording appar. & technic (It) 13105
appar. for simultaneous registration of fundal & cervical contractions (Ger) 46280
cardiovasc. system 20087
cervical dilatation, intrauterine tocography (Ger) 47634
daily rhythm during onset of labor (Cz) 9486
daily rhythm during onset of labor, relation to duration of labor (Cz) 9487
duration, relation to time & type of fetal membrane rupt. (Sp) 22267
eff. of acetylcholine inject. in difficult cases (Fr) 32937
eff. of obesity (It) 6849
eff. of oxytocics, prolonged intravenous drip admin. (Ger) 51848
eff. of sensitization before & during pregn., in guinea pigs (Sp) 9730
eff. of spontaneous & induced labor in pregn. dog & sheep on uterine blood flow & uterine metab. 35799
eff. of various pharmacol. agents on reflex cervical activity in rabbits (Ger) 55459
eff. on ment. develop. of child (Pol) 30737
hemodynamics of uterine contraction 12414
induction & inhib. by various substances in rabbit 35128
internal uterine pressure, relation to abdom. musc. pressure (Ger) 25208
onset, tocopolygraphy (Sp) 39820
pain & duration, methods of control (Ger) 22186
physiol. bases of present-day problems during labor 12380
Ryberg's theory of primary intrauterine pressure throughout labor & secondary axial pressure along fetal axis (Pol) 37596
sodium conduction capacity of uterine musc. cells, significance for start of labor in rats (Ger) 47636
thromboelastography & hemostasis in normal pregn. women (Fr) 44633
uterine contractility, simplified internal tocograph for determ. 5560
uterine contractions, external & internal measurement (Ger) 25205
uterine contractions, technics for assessment (Ger) 15970
uterus, electrolyte composition in normal & prolonged labor 50972

***statistics***

hosp. statist. 5410
management in rural areas of Argentina (Sp) 3309

**LABOR, INDUCED**

***see also*** **OXYTOCICS**

by amniotomy 18784
by artif. rupt. of fetal membranes, indic. (Sp) 21797
by condom-catheter (Dut) 52552
by simultaneous amniotomy & dilute intravenous oxytocin 7625
by synthetic oxytocin, admin., intravenous drip 23822
by vitamin B1, biol. eff. on uterine musc. fiber, review (Fr) 27723
by Voorhees bag & intrauterine bougie 638
in prolonged pregn., method & case reports (Por) 36903
indic., hazards & technics 8469
indic., technic & results 51322
methods 47608
surg. induction, precp. cond. of cervix 2633

***physiology***

uterine motility, tocography (Ger) 39543

**LABOR, PRESENTATION**

***see also*** **DELIVERY**

breech, Bracb method of delivery 12386
breech, clin. statist. (Fr) 26274
breech, frank, delivery technic (Ger) 34572
breech, hosp. statist. (Rus) 12154
breech, management 38590
chin-to-chin interlocking in twins 24520
compound, by posterior knee & anterior arm, in breech delivery 42127
face, brow & faulty occiput positions, incidence 22166
face, diag. & ther. management (Sp) 6619
high longitudinal position (Ger) 15420
malpositions & malpresentations 18779
molding of fetal head during normal occipital delivery (Ger) 15974
occipitoposterior & occipitosacral positions, mechanisms of develop. (Hun) 41983
occipitoposterior as cause of dystocia 24517
occipitoposterior, progn. & management (Ser) 32613
occipitoposterior, statist. (It) 7723
shoulder & footling presentation, with complete fetal deflection, case reports (It) 38545
spontaneous head presentation causing fract. of humerus in inf. (Ger) 39755
transverse with arm protrusion, indic. for cesarean section (Ger) 11457
vasa previa with accessory placental lobe & prolapse of umbilical cord, case report 21801

**LABORATORIES**

***see also*** **TECHNOLOGY, MEDICAL**

Berlin University Women's Hosp. laboratories, hist. (Ger) 23251
chronic dis. laboratory in pub. health 44267
design & management of nuclear science laboratory for teaching nuclear physics & radiochem. 7170
food research in Switz. (Ger) 29779
for 100- & 300-bed hosp. 7028
hosp. analytical laboratory, supplies necessary for installation (Fr) 10219
hosp., bases for designing & remodelling 7025
hosp., efficient operation based on business-like methods 24449
hosp. laboratories, program for effective night & weekend coverage 40025
hosp. laboratory, admin. 16185
hosp. recruitment & train. of laboratory assistants & technicians for hosp. laboratory (Fr) 22149
isotope laboratory, equipment & operation 54541
local pub. health laboratory serv. in California 47202
med., laboratory of hyg., Ottawa, Canada 2592
med., requirements for director in France (Fr) 8317
military exper. med. laboratory (Rus) 22633
mobile laboratory for resp. funct. & cardiocirc. evaluation of armed forces personnel (It) 19206
Obstetrical Research Laboratory at Tulane University School of Med. 38383
organiz. & admin. of med. laboratory 37971
pub. health laboratories in Alabama 17681
pub. health laboratory serv. 42823
pub. health laboratory serv., guidance of med. officers & GP in England & Wales 52185
tissue culture laboratory of National Naval Med. Center, Bethesda, Maryland 6516
virus diag. laboratory in medium-sized hosp., establishment 24447

***apparatus and instruments***

testing laboratory hoods, evaluation of design changes & periodic performance testing 473
thermostat for mobile med. laboratories (Rus) 10988

**LABORATORY ANIMALS**

***see also*** **ANTHROPOIDS**

***see also*** **CATS**

***see also*** **DOGS**

***see also*** **FROGS AND TOADS**

***see also*** **MICE**

***see also*** **RABBITS**

***see also*** **RATS**

***see also*** **SALAMANDERS**

care & management 3199
center for selection of animals used in research in France (Fr) 21277
Coturnix quail as research animal 54463
equipment for artif. resp. of small laboratory animals (Hun) 41638
instrument for mouse & rat fixation for laboratory exper. (Ger) 55699
London center for laboratory animals & Internat. Committee on Laboratory Animals (Pol) 53217
trichophytosis transmitted by animal to laboratory worker, prev. (Ger) 34467
Universities Federation for Animal Welfare 18365
use of unanesthetized & unrestrained animals for endocrine & metab. studies (Fr) 54089

***diseases***

spontaneous dis., control 53677

**LABYRINTH**

***see also*** **SEMICIRCULAR CANALS**

***see also*** **VESTIBULAR APPARATUS**

endolymph & perilymph, chem. (Fr) 20530
ultrasonic destruction in ther. of Ménière's dis. 54423

***anatomy and histology***

sensory elements of Corti's organ, submicroscopic organiz. in guinea pig (Ger) 53255


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

size variations of sensory cell nuclei of Corti's organ of guinea pig (Ger) 55622

ultrastructure organis. of Corti's organ, review 15706

***blood supply***

arterial (Rus) 47860

circ. disord., ther., phenylisobutyl-nor-p-hydroxy-ephedrine 13000

***diseases***

***see also* MÉNIÈRE'S DISEASE**

caused by intra-aural cocaine infusion (Rus) 45738

caused by radical surg. of otitis media (Ger) 19317

causing height vertigo (Ger) 19319

Corti's organ dis., diag., threshold tone decay test (Ger) 37739

Lermoyez synd., etiol. & tonsillectomy (Ger) 23048

sequestration in child, case report 17631

sequestration, postop. (Rus) 45739

sympt. & diag. (Sp) 21208

***effect of drugs on***

dihydrostreptomycin & streptomycin (Tur) 45437

streptomycin, toxic reactions in mice (Rus) 55219

***embryology***

develop. of labyrinthine capsule 17624

***function tests***

Kobrak test & Barany test, eff. on EEG, in normal young men (Ger) 19330

***innervation***

centrifugal nerve-fibers to sensory epithelium of vestibular labyrinth 41069

***physiology***

***see also* EQUILIBRIUM**

eff. of neuritis mmoma of acoustic nerve causing synd. of pontocerebellar angle, diag. value (It) 13494

eff. of phys. or electric stimulation of neurovegetative system on protein fractions of perilymph (Fr) 44667

eff. of stimulation on musc. tonus in extremities & neck in cats (Ger) 25392

oxigraphic measurement of oxygen tension in rabbit labyrinth, appar. & technic 1184

polarization of Corti's organ in modification of electric potentials of cochlea in guinea pigs (Fr) 3075

pressures of labyrinthine fluids in guinea pigs 13291

reflex, static & kinetic, eff. of rotatory train., in chickens 35299

spatial arrangement of fenestra (Ger) 52179

submicroscopic changes in Corti's organ in guinea pigs after short exposure to noise & after 24 hours, comparison (Ger) 20525

utricular macula, funct. test 1190

***surgery***

surg. anat. 31579

***wounds and injuries***

cochleo-vestibular, in cranial inj. (It) 47503

overstimulation inj. causing deafness, funct. changes 13288

***LABYRINTHITIS see* OTITIS INTERNA**

***LACCASE see* OXIDASES**

**LACRIMAL APPARATUS**

***see also* NASOLACRIMAL DUCT**

anat. & physiol. 33021

dis. & abnorm. 33025

tears in cystic fibrosis of pancreas, phys. & chem. characteristics 7872

***abnormalities***

aberrant lacrimal gland in cornea & sclera, case report 101

congen. abnorm. of punctum & canaliculus, ther. 33023

ectopia of lacrimal glands (Ger) 28921

lacrimal air anomalies, case reports 34905

sac & duct abnorm., ther. 33024

***diseases***

***see also* DACRYOCYSTITIS**

dysautonomia, familial, in child. 13426

dysautonomia, familial, in 7-year-old child 5732

dysautonomia, review (Sp) 34218

epiphora caused by lower lacrimal punctum insuff., surg., alternative technic to 3-snip operation 14113

epiphora, mechanisms & technic for lacrimal deserv. 2096

hindrances of drainage of lacrimal ducts, etiol. & pathogen. (Rus) 45369

hyposecretion, etiol. & ther. 2611

ther., review 34926

***diverticula***

case report 2097

***function tests***

permeability & canalicular tests, reliability 23883

***in various diseases***

Sjoegren synd., antibody form. to lacrimal gland extracts 18407

***innervation***

unlisted branches of maxillary nerve related to lacrimal system 47071

***metabolism***

amino acid secretion in tears (Cs) 44874
44875

amino acid secretion in tears in keratoconjunctivitis sicca (Cs) 44876

chloride ion secretion in tears after physiol. saline solution loading (Cs) 44873

glucose in tears, diag. value in diabetes mellitus 37606

tear proteins, electrophoresis of tear specimens sent by mail in indust. survey 47049

uptake of radiosulfur-labeled sulfate as assay of ophthalmotrophic activity of thyrotropic hormone in guinea pigs 35136

***neoplasms***

diag. & ther. 33022

mixed tumor of lacrimal gland, case report 5864

mixed tumor of lacrimal gland with intracranial invasion, case report (It) 36221

***physiology***

eff. of inflammatory tear flow on pathogen. of keratitis in animals (Ger) 46839

lacrimal fluid pH, determ. by capillary micro-glass electrode 23881

***radiography***

dacryocystography with ethyl iodophenylundecylate 33879

***stenosis***

congen., surg. 34907

***surgery***

dacryocystorhinostomy, simplified technic 27992

dacryorhinocystostomy (Ger) 51688

**LACTATES**

***see also* LACTIC ACID**

***effects***

magnesium lactate on metab. after prolonged intravenous admin. in normal man 17965

sodium lactate, arrhythmic & antiarrhythmic eff. after inject. into coronary arteries of normal & infarcted hearts 2917

sodium lactate on blood pressure & heart output in rabbits 314

***in blood***

eff. of carbutamide, insulin & tolbutamide, comparison & mechanism of action 31431

excess induced in alligators by epinephrine admin. 31459

***metabolism***

acetolactate intermediate in valine biosynthesis in E. coli, enzyme mechanisms 28259

3-deuteriolactate conversion to glycogen in rat liver, location of deuterium & demonstration of coupling of oxidation of substrate to reductive biosynthesis 28237

eff. of epinephrine inject. into rabbits 731

form. of complex with coenzyme I & lactic dehydrogenase of mammalian erythrocytes 14612

prod. in ascites tumor cells, eff. of temperature on stimulation by 4, 6-dinitro-o-cresol 31420

prod. in excised sympath. ganglia at rest & during activity 5469

***therapeutic use***

sodium lactate in Adams-Stokes synd. (Dan) 45497

sodium lactate in procaine amide & quinidine pois. 19861

**LACTATION**

***see also* COLOSTRUM**

***see also* MILK**

***see also* MILK, HUMAN**

in virgin heifer 15235

***blood in***

blood volume changes during lactation period in rats 3414

***effect of drugs on***

cortisone on milk prod. & mammary involution in rats 3415

dienestrol diacetate, inhib. of milk prod. in mice, eff. on endocrine glands (Ger) 25194

dienestrol diacetate, inhib. of milk prod. in mice, mechanism of action (Ger) 25195

diethylstilbestrol in low dietary levels on rats 41226

hormonal control in rats 8639

inhib. by androgen-estrogen prep. 40304
40305

methyltestosterone-dienestrol inhib. 17621

oxytocin assay by milk-ejection eff. on lactating women (Ger) 11896

oxytocin on resp. of lactating breast tissues in rats 42962

prolactin-induced lactation in hypophysectomized rats 15606

reserpine-induced lactation in rat (Fr) 3046

reserpine, on lactopoiesis (It) 29125

somatotropin on lactogenesis in mice 21662

ther. inhib. by estriol (Sw) 10187

vitamin B 12 (It) 42766

***in various diseases***

tuberc., vitamin C metab. in (Rus) 31204

***metabolism***

amino acid incorporation into mammary tissue, review 53478

coenzyme A, eff. of prolactin in lactating guinea pig mammary tissue 1371

dietary intake survey among poor lactating women in India 4189

fatty acid synthesis, enzyme systems, review 53479

glucose utilization in mammary tissue, pathways, review 53473

oxygen consumption of mammary gland slices from lactating mice after forced weaning of their offspring 49238

pathways of glucose catabolism in breast, eff. of insulin & phenazine methosulfate 53414

sulfur amino acid requirement for lactation in rats 44131

***physiology***

adverse eff. of crowding on lactation of mice & 2 generations of progeny 15603

aggravated or delayed lactation phenomenon in W. Africans (It) 42592

breast & nipple pain in early stages of lactation, management 2240

ECG in mice, methodol. aspects (It) 13986

eff. of adrenal cortex & sex hormones on maternal aggressivity in rats 35369

eff. of adrenalectomy on oxytocin-induced retardation of mammary involution in rat 17342

eff. of age, parity, pregn. toxemia, rhagades of nipples & hemoglobin levels (Ger) 49814

eff. of hemorrh. during 3d stage of labor (Cs) 14819

eff. of lactation on thyroid hormone secretion rate in rats 31456

eff. of milking on rumination, in cows 35384

eff. of nutrition (Rus) 7937

eff. of semipurified diets in female dogs 5530

eff. of suckling stimulus on initiation & prolongation of lactation 53480

eff. on continuous growth & calcification of rat incisors (It) 37149

in Indian women, amenorrhea duration & cervical & vaginal cytol. 49478

influence of reproductive cycle on nutritional status & requirements, AMA council report 28160

milk secretion in rats, correlation with prolactin concentration 15605

pattern in poor socio-economic group of E. Indians 41462

relation to fatty liver in animals (Cs) 39260

role of CNS & posterior pituitary in milk ejection, review 53472

role of pituitary hormones in maintenance of milk secretion, review 53471

spontaneous in paramyeloblastic leukemia (Ger) 364

vaginal & cervical cytol. (Ger) 11462

**LACTATION DISORDERS**

2999

hypogalactia (Sp) 42206

***case reports***

galactorrhea with prolonged metrorrhagia & hyperthyroidism in hyperhormonal synd. of anterior pituitary (Pol) 39642

pituitary chromophobe adenoma causing Forbes-Albright synd. of amenorrhea with galactorrhea (Fr) 38054

***therapy***

oxytocin in breast engorgement (Cs) 38268

oxytocin in hypogalactia & agalactia (Sp) 39615

procaine block of superior cervical ganglion in hypogalactia (Ger) 11439

**LACTIC ACID**

***see also* LACTATES**

***determination***

in brain & other tissues in exper. animals, comparison of colorimetric & ceric sulfate-iodometric methods 41202



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

specific determ. technic for D(-)-lactic acid 13756

***effects***

on blood pressure & heart output in rabbits 314

***in blood***

arterial levels in normal & pathol. states (Ger) 27187

before & after pulm. passage in cardiac catheterization (Ger) 41759

determ. of levels after musc. exercise in rats 14625

eff. of antacids before & after phys. exercise (Ger) 51841

eff. of carbutamide & tolbutamide on levels in diabetes mellitus (It) 27361

eff. of epinephrine (Ca) 48640

eff. of sympathetic NS stimulation on arterial & venous levels in rabbits (Ger) 30531

in congestive heart failure (Ger) 51857

in obstruct. peripheral arteriopathy, eff. of lumbar & splanchnic sympathectomy (It) 27624

in simple goiter & goitrous hyperthyroidism, comparison of preop. & postop. levels (It) 20987

***metabolism***

accumulation on serosal side of intestinal wall in vitro, relation to transport of glucose across the intestinal wall (Ger) 29917

brain level in dogs exposed to hypoxemia & hypocapnia 16836

brain, rate of form. in human brain in normal & pathol. cond. (Ger) 53074

fermentation by Propionibacterium, eff. on carbon balance (Rus) 19101

Hydrogenomonas ruhlandii, resp. carriers in oxidation of lactic acid in facultatively autotrophic bact. 25411

in burns, form. from glucose in rat 23341

lactic acid bact., acetic acid-lactic acid ratio, eff. of sugar concentration of medium 1302

Lactobacillus pentoaceticus, hetero-enzymatic fermentation (Rus) 19102

musc., eff. of 2,4-dinitrophenol & 2,6-dinitrophenol lethal dos. on postmortal content in rats (It) 14004

oxidation by M. tuberc., influence of age of cells on activity 31305

sympathetic ganglia, glucose & oxygen uptake & lactic acid output in rat ganglia at reduced temperature & varied pH 41210

***related compounds***

α-acetyl-lactic acid form. by Ascaris lumbricoides 3523

3-phenyllactic acids, utilization by Lactobacillus casei 31445

***therapeutic use***

colpan in nonspecific vaginitis (Ger) 42308

leukorrhea, with neomycin, phthalylsulfathiazole & boric acid (Ger) 18954

## LACTOBACILLUS

acidophilus, assoc. with Monilia & Trichomonas vaginalis in vaginitis (Por) 8732

acidophilus substitution ther. (Ger) 6656

antag. between Lactobacillus species & Corynebacterium diphtheriae in vitro (It) 37429

antibiotic-resist. strains & mutants, morphol. (It) 31705

antibiotic-resist. strains & mutants, serol. study (It) 31706

bifidus factor in food mixtures & additives to inf. foods (Ger) 47643

bifidus, globular involution forms 40840

bifidus, separation of carbohydrates from polysaccharides by chromatography (Ger) 55690

bifidus, straight rod contaminants of Corynebacterium acnes group 35362

infrared absorp. spectra, value in classif. of lactobacilli 5087

intestinal implantation of mutant tetracycline-resist. strains by oral admin. in dogs & persistence of morphol., biochem., serol. & cultural characteristics of mutants (It) 31727

motile, homofermentative species in ham-curing brines, occurrence & significance 1304

parabifidus, in intestines of newborn inf. (Ger) 33959

powdered milk-Lactobacillus prep., eff. on fecal flora in normal adults (Ger) 46269

prep. of live Lactobacillus acidophilus, live yeast, cod liver oil & stilbene in ther. of nonspecific bact. infect. of vagina (Ger) 18942

***effect of drugs on***

casei, screening of various cpds. for antimetab. activity 2718

hydrolysis of cell walls by strong HCl resulting in form. of ε-(amino-succinyl)-lysine 25860

orotic acid & hydantoin deriv. on growth of Lactobacillus bulgaricus (It) 334

serum globulin inhib. of Lactobacillus acidophilus growth in mouth 40780

***metabolism***

bifidus, specific nutritional characteristics in intestines of artificially fed inf. 35361

bifidus, stimulation of in vitro growth by E. coli & Streptoc. olivaceus cultures, mechanism of action (Ger) 46270

casei prod. of growth-promoting α-hydroxy fatty acids 9555

casei utilization of 3-phenyllactic acids 31445

casei, utilization of vitamin B2 antag. 6-chloro-7-methyl-9-(1'-D-ribityl)isoalloxazine 25406

leichmannii, eff. of vitamin B12 on thymine biosynthesis 4765

pentoaceticus fermentation of hetero-enzymatic lactic acid (Rus) 19102

plantarum degradation of intracellular nucleic acid & leakage of fragments 13785

plantarum utilization of lysine, competitive inhib. by S-(2-aminoethyl)-cysteine & its reversal by lysine peptides 13397

thymine-requiring variant of Lactobacillus casei 50345

vitamin requirements of Lactobacillus from ciders 25139

*LACTOGENIC HORMONE see* PITUITARY GLAND, ANTERIOR, *hormones*

## LACTOSE

***determination***

quantitative paper chromatographic method 32214

***effects***

bact. growth inhib. by lactose base in antibiotic disks for sensitivity testing 17710

boric acid lactose broth at 43°C, inhib. eff. on fecal E. coli 1297

inactivation of influenza viruses by formaldehyde - lactose prep. in vitro (Ger) 36921

on blood levels of total sugar, galactose & glucose in newborn premature & inf. several months old (It) 29726

on bone structure & composition changes caused by dietary excess or defic. in calcium in rats (Fr) 48814

on calcium retention in rats, eff. of various doses (Fr) 3069

on nutrition of young calves, comparison with butterfat 37598

on urinary calcium & citric & α-ketoglutaric acids in rat, time factor (Fr) 26854

***in urine***

quantitative determ. by paper chromatography & colorimetry 32315

***metabolism***

biosynthesis, review 53474

distribution in cow udder after inject. of labeled glucose, radiocarbon determ. in measurement of phosphotriose-isomerase activity 40475

eff. of antibiotics on growth of lactose-fed rats 31452

synthesis from glycerol after inject. into cows 40474

***related compounds***

lactulose & lactose, eff. on fecal flora in normal adults (Ger) 46269

*LAGOCHILASCARIS see* ASCARIDOIDEA

*LAMBLIASIS see* GIARDIASIS

*LANATOSIDE see* DIGITALIS

## LANGUAGE

***see also*** LITERATURE

***see also*** NOMENCLATURE

***see also*** PHONETICS

***see also*** SEMANTICS

application of descriptive linguistics to child language 5846

assessment of language retardation in handicapped child. 5830

bilingualism, eff. on intelligence scores of native-born Jewish preschool child. of traditional parentage, comparison with monolingual child. 40722

classif. of language disord. in child. (Sp) 21095

coding ability in color discrimination with language as coding system (Dut) 52541

communication of information, relation to reality & abstracting 28195

communication problems of rehabil. counselor 51119

communication, soc. aspects (Sp) 44582

comparison of types of animal communication with human speech (Fr) 5799

contribution of James B. Monboddo 28392

develop. among survivors of premature birth, relation to CNS dysfunct. 48472

develop. in child. with impaired hearing, statist. analysis 35342

develop. in ment. retarded child, review 593

develop. of deprived child. 33554

disord. in transcortical motor aphasia (Ger) 49615

eff. of lateralization of cerebral hemispheric dominance (Fr) 49227

expressive sounds as part of primitive language (Ger) 34197

language skills in child. with cleft palate 5850

log relation of word-frequency to recognition in absence of stimulus words 40819

med. jargon, clarification & classif. 14073

sociol. importance & relation to sensation, NS, ment. funct. & phonation (Sp) 9722

various types of neophasia & neologisms (Ger) 39373

vocabulary response to lateralization of cerebral lesion & concept of latent aphasia 4383

## LANOLIN

***effects***

on prod. of cicatricial tissue in maple trees (Fr) 26930

*LANTERN SLIDES see* PHOTOGRAPHY

*LAPAROSCOPY see* ENDOSCOPY

*LAPAROTOMY see* ABDOMEN, *surgery*

*LARGACTIL see* CHLORPROMAZINE

*LARVA MIGRANS see* HOOKWORM INFECTIONS

## LARYNGEAL CARTILAGES

***see also*** EPIGLOTTIS

***anatomy and histology***

projection of vocal folds to thyroid cartilage (Rus) 10768

***diseases***

arthritis, cricoarytenoid, pathol. 43153

calcification of thyroid cartilages in inf., x-ray 819

inflamm. of cricoarytenoid joint (Dan) 22430

ossification of thyroid, cricoid & arytenoid cartilages, x-ray manifest. 9776

***effect of radiations on***

postirradiation perichondritis in patients with cancer of larynx (Rus) 55230

*LARYNGEAL SINUS see* VOCAL CORDS

## LARYNGISMUS STRIDULUS

***etiology and pathogenesis***

(Dut) 15989

***surgery***

new technic for congen. laryngismus stridulus 46481

## LARYNGITIS

***etiology and pathogenesis***

Micrococcus pyogenes aureus infect., increasing incidence 11715

***in infant and child***

acute, statist. (Fr) 53019

ther. (Ger) 42321

***therapy***

cortisone & prednisone in edematous laryngitis (Fr) 47473

cortisone in subglottic laryngitis in child. (Fr) 36166

*LARYNGOLOGY see* OTORHINOLARYNGOLOGY

## LARYNGOSCOPY

in resp. disord. in child., diag. value (Rus) 43541

laryngoscopic photography (Fr) 44670

laryngostroboscopy of vibration of single vocal cord after chordectomy (Fr) 54024

***anesthesia and analgesia***

indic. & technic 38283

technic 13863

***apparatus and instruments***

improved laryngoscope blade 12970

new laryngeal spray for local anesth. 47316

new multipurpose laryngoscope 11727

speculum for intratracheal procedures, self-retaining illuminated type 11607

***history***

in Austria (Ger) 22864

*LARYNGOTRACHEITIS see* CROUP

## LARYNX

***see also*** LARYNGEAL CARTILAGES

***see also*** VOCAL CORDS

histol. & funct., review 50746

***abnormalities***

asymmetry, causing voice disord., surg., medioposition of vocal cord 49605

congen. diaphragm (It) 30348

***anatomy and histology***

connective tissue structure, funct. significance for laryngeal space, review (Ger) 42879

histomorphol. of laryngeal musc. in aged (It) 7753

lymphatic vessels, outlet into cervical veins (Rus) 47866

***cysts***

in newborn inf. (Rus) 10782

of laryngeal vestibule, case reports (It) 52939

***diseases***

*see also* TUBERCULOSIS, LARYNGEAL

(Por) 31810

edema, acute, in influenza (Ger) 32780

edema caused by bee sting (Rus) 45742

granuloma, caused by endotracheal intubation (Por) 53873

hypotonia, physiopathol. (Sp) 21204

in cleft palate 41099

keratosis, recognition of atypical cells as precancerous stage & surg. 6235

laryngocele 47230

laryngoceles, coexisting internal & external, review & case report 24682

laryngocele, combined internal-external, surg. ther. 23459

laryngocele, review (It) 52120

laryngo-tracheal synd. in newborn & older inf. (It) 42728

minor disord. caused by endotracheal intubation, statist. 2031

moniliasis caused by antibiotic ther. of various dis. (Rus) 45734

prolapse of mucosa of Morgagni's ventricle, anatomicoclin. aspects & case reports (It) 25961

prolapse of ventriculus laryngis, intimal structure (It) 1859

sarcoidosis, case report 122

specific laryngeal musc. dysfunct., essential voice ther. phases 34935

telangiectatic granuloma after endotracheal anesth., case report (Sp) 23914

ther., potassium, physiol. mechanisms (Sp) 8709

ther., value of voice rest in 1194

Villaret's synd., differ. diag. from suberanial meningioma (Pol) 30081

***effect of radiations on***

x-ray rotational & fixed-field irradiation, in rabbits, histol. study (It) 30344

***foreign bodies***

laryngo-tracheal, endoscopic removal, anesth. technic (It) 52940

subglottic piece of glass expelled against physician's glasses by coughing during extraction (Sp) 23917

swallowed rabbit rib segment, case report (Gr) 3176

upper denture, case report 55137

***in various diseases***

rheum. arthritis 13297

***innervation***

eff. of section of laryngeal nerve on lungs in rabbits (Rus) 25753

superior laryngeal nerve, surg. anat. 45932

vasomotor innerv. (Fr) 44671

***muscles and tendons***

cricopharyngeus, sphincteric action in normal subjects studied by hypopharyngeal & esophageal intubation & x-ray 37627

cricothyroideus musc. & articulation, anat. & funct. (Ger) 23553

musc. spindles of cricoarytenoideus posterior & cricothyroideus musc. (Ger) 34435

***neoplasms***

actinother. (Cz) 14775

after regressive homologous pulm. tuberc. (Fr) 28374

carcinoma in situ, histopathol. 13281

case of tuberc. simulating cancer, correct diag. by 4th biopsy (Sp) 23911

caused by smoking (Fr) 44681

caused by smoking, statist. (Ger) 6103

chondroma, x-ray diag. 24660

clin. & surg. problems, hosp. statist. 35343

cobalt 60 telether. (Sp) 30106

congen. subglottic hemangiomas in inf., pathol. 30360

contralateral metastasis in lesions approaching the midline 6221

diag. & ther. (Ger) 27742

diag., evaluation of Czaba-Töröcsik reaction (Rus) 39430

diag., tomography (It) 53710

epithelioma, with cutaneous epithelioma of Bowen type, case report (Fr) 36515

fibroma, clin. & histol. aspects (Ger) 47661

fibroma, congen., case report (Pol) 7830

in Belgium, statist. (Fr) 44883

leiomyoma 41066

46469

lymphosarcoma, hypopharyngeal, misdiag. (Fr) 14387

metastasis to sternum, case reports (Fr) 47483

multiple mid-facial & laryngeal mucosal neuromas as a dis. entity (Fr) 47380

myoblastoma, granular cell, case report 11726

myoblastoma, unusual case (Pol) 30314

of extrinsic larynx, radiother. & surg., comparisons 10129

papilloma in child. (Por) 51638

papilloma in child., ther. chlortetracycline, oxytetracycline & tetracycline (Pol) 30325

papillomatosis as precancerous cond. (Rus) 10774

papillomatosis of larynx & bronchi, 34-year follow-up 48546A

progn. (It) 48108

progn. value of metachromatic substances in tumoral stroma (It) 1854

radiother. & surg. (Sp) 25932

rotation x-ray ther. (Rus) 55354

sarcoma 41056

sarcoma (Rus) 45744

sarcoma, metastatic from femur 52763

sarcoma, reticulum cell (It) 36717

schwannoma of pyriform sinus (Fr) 1022

seminoma, metastatic (Rus) 45745

spindle cell sarcoma (It) 48112

squamous cell carcinoma, diag. & surg. 6241

squamous cell carcinoma with granuloma, case report 41074

statist. (Pol) 30327

supraglottic, surg. technics (Pol) 30333

surg. & radiother. 50796

surg., laryngectomy with elective block dissection, results in relation to cervical lymph nodal metastases (Fr) 31924

surg., laryngectomy with resection of pre-epiglottic space (Ger) 46156

surg., progn. (Dut) 52513

ther. 30028

undifferentiated epitheliomas, clin. manifest. & histopathol. (Fr) 20526

with invasion of thyroid (Fr) 9067

with lung cancer, case reports 23452

with pulm. tuberc. & laryngeal tuberc. (Fr) 41144

x-ray & telether., alone & in combination (Rus) 55253

x-ray aspects (Fr) 20682

43982

x-ray diag. of malignant tumors, review (Cz) 14776

x-ray ther., fractional-intensive method (Rus) 10771

x-ray ther., results (Ger) 45259

***paralysis***

after spontaneous pneumothorax, case report 14159

bilateral abductor paralysis in syphilis, case report (Ger) 23038

isolated recur. paralysis caused by intubation anesth. (Ger) 12072

neo-natal case report (Fr) 47472

post-thyroidectomy, surg. 9481

recur. nerve paralysis (Ger) 49823

recur. nerve paralysis with traum. extracranial internal carotid aneurysm in inf., surg. (Ger) 27744

recur. nerve, surg., various technics (Ger) 23049

unilateral recur. nerve paralysis causing paralytic dysphonia, vocal rehabil. 110

***pathology***

stripping technic for postmortem exam. of total epithelial surface of larynx 5664

***perforation***

by thyroid abscess complicating thyroiditis & goiter in pregn., case reports (Pol) 30316

***physiology***

ciliary beat & direction of ciliary streaming, relation to resp. dis. in animals 51163

connective tissue structures, funct. aspects (Ger) 52182

dynamic variations of vibratory pattern in phonation 49607

electrical activity of vocal cord musc. in dogs, electromyographic study (It) 36740

electromyography of intrinsic & extrinsic laryngeal musc. during silent speech, correlation with reading activity 35300

participation in emotional expression, relation to hysterical aphonia cortical control, exper. study 1196

***radiography***

contact, with short distance tube (Ger) 15855

***stenosis***

chronic, etiol. & diag. & ther. 1195

cicatrical, enlargement by dilat. & plastic surg. (Pol) 30311

cicatricial, prev. of post-traum. strictures of plastic repair 28494

decannulation in child. with acute infect. stenosis (Rus) 55227

***surgery***

dilatation of glottis, postop. ther. (Hun) 3651

excis. & prosth. (Fr) 33990

excis., causing anosmia (It) 35983

excis., compl., lingual atrophy caused by ligation of external carotid for cervical ganglion exeresis, with deglutition disord. (It) 52111

excis., compl., postop. obstruct. caused by tracheobronchial crustations 49393

excis., modified technic (Rus) 55329

excis., postop. feeding through naso-esophageal tube, technic & dietetic aspects (Fr) 43952

excis., postop. funct. tests of resp. (Rus) 45733

excis., postop. rehabil. causes of failure to develop buccal voice 1199

excis., postop. rehabil. design & use of artif. larynx 1201

excis., postop. rehabil. psychol. factors in success 1200

excis., postop. rehabil. role of vocal therapist 1198

excis., postop. rehabil. types of clin. cases & their resultant esophageal, pharyngeal & neck deform. 1197

excis., postop. speech ther. eff. of emotional factors on rehabil. 55276

excis., postop. tube feeding with benzathine penicillin G, procaine penicillin G & sulfamerazin-sulfamethazine supplement (Ger) 46156

excis., postop. vocal rehabil. 8010

13278

excis., postop. x-ray tone films, evaluation (Ger) 27474

excis., review (Sp) 23933

excis., technic (Fr) 9076

extended fronto-lateral partial laryngectomy, technic 6220

prosth., acrylic-polyvinyl tube (Fr) 1023

subglottic laryngectomy, new technic (Fr) 47467

supraglottic excis., technics (Sp) 31831

supraglottic horizontal laryngectomy, Alonso technic (Sp) 23908

23909

with controlled hypotension induced by methyl-bis-(β-N-methyl-piperidinium-ethyl)amine dibromide (Pol) 30775

***wounds and injuries***

case reports (It) 37309

caused by automobile accid. (It) 9200

caused by endotracheal anesth. (Ger) 23779

closed inj., case reports (It) 25964

exper. surg. wds., eff. of x-ir-radiation on healing in guinea pigs (Rus) 45717

inferior laryngeal nerve inj. in thyroid surg. (Rus) 41503

laryngo-tracheal, caused by cutting weapons (Fr) 44672

minor pharyngolaryngeal changes immediately following endotracheal intubation (It) 13503

perop. recur. nerve inj. in thyroidectomy (Sp) 43889

***LATERAL SCLEROSIS*** *see* **AMYOTROPHIC LATERAL SCLEROSIS**

**LATHYRISM**

***experimental***

(Sw) 19952

amino acid levels in musc. extracts from lathyritic rats 24829

eff. on bone & skin polysaccharides & on musc. sodium, potassium, phosphorus & creatine 24829

vapor, odoratism, rates of growth & bone remodelling as factors in genesis of vasc. & osseous lesions in rats 4971

nature of defect in epiphysial cartilage in rat 20772

osteolathyrogenic eff. of cystamine & mercaptoethylamine in rats 20744

prod. in mice 19675

protective eff. of 17-ethyl-19-nortestosterone against inhib. of bone repair in lathyrus-fed rats 46597

sulfated mucopolysaccharide metab. in cartilage of osteolathyric rats & chicks, radioautography 44087

*LATRINES see* SANITATION

**LAUNDRIES**

break process improvement in hosp. laundry 49964

handling & processing radiation contaminated linen 16356

hosp., bacteriol. efficiency in cleansing blankets 26111

hosp., oil-heated washing machines (Dut) 55878

hosp., organiz. results 49967

hosp., remodelling plan 7029

organiz. & funct., application of current criteria in hosp. (It) 3632

perion clothing causing skin dis., prev. aspects of laundering (Ger) 32993

survival of Micrococcus pyogenes aureus during modern domestic laundering technics 7035

survival of pathogenic bact. in soiled cloths during laundering at various temperatures, comparison 7036

**LAURENCE-MOON-BIEDL SYNDROME**

*case reports*

4223

(Bul) 32785

(Rus) 34803

hepatosplenomegaly complicating 1 of 4 cases of Laurence-Moon-Biedl synd. 17752

with epilepsy & without retinitis pigmentosa (Sp) 8800

*manifestations*

variations in external appearance (Ger) 30061

*LAXATIVES see* CATHARTICS

**LEAD**

as staining solution for tissue sections, electron microscopy 40585

determ. & prev. of lead exposures in powder metallurgy operations 46883

lead tetra-acetate reaction with dimethoxybenzens (Ger) 1325

lead tetra-acetate reactions with hydroquinone-dimethylether (Ger) 13358

reaction with heparin sulfur moiety in basophils, use for characterization of sulfur (Fr) 1056

1057

*determination*

histoautoradiography in various organs of dogs (It) 55631

in air, technic with specialized air sampling & analysis kit 474

*effects*

δ-aminolevulinic acid-like substance in urine of lead workers 32233

inhib. of blood catalase activity in vitro by plumbous ion (Ger) 27904

lead acetate treatment of leukocytes causing hydrolysis of nucleic acids (Fr) 24903

on acetylcholine synthesis in isolated animal brain (Ger) 8074

on enzyme synthesis in rats (Ger) 41733

on potassium permeability of erythrocytes, mechanism of action (Ger) 30521

*metabolism*

intracellular distribution in rabbit organs after intravenous admin. of radiolead (Ger) 43017

**LEAD POISONING**

by dishware 37948

by lead arsenate spray residues 44856

clin. manifest. & ther. (Ger) 11310

indust., incidence, manifest., & compl. (Fr) 47764

occup., diag. & ther. (Ger) 3243

risks in various industries in Switz. (Fr) 11308

tetraethyl lead, review (Ger) 10810

*blood in*

heme biosynthesis in vitro, determ. by incubation of blood of poisoned rabbits with isotopes (Fr) 26753

*case reports*

40915

chronic tetraethyl-lead pois. (Rus) 7699

in father, causing abortion & fatal anomalies in newborn (Dut) 30006

*complications*

gastrointestinal dis. (Ger) 38911

paralysis of extensor musc. of wrists & fingers, myopathic versus neuropathic mechanism 36293

*diagnosis*

in indust., minimal amount of lead content in urine as diag. criteria (Fr) 1334

*experimental*

causing hyalinosis of renal glomeruli in rats (It) 37152

eff. of prolonged pois. on blood proteins (Rus) 49438

stippling of basophilic cells, cytol. study 34111

stippling of basophils, mechanism of form. of granules in stippled cells 24112

tox. studies with gray lead & with red lead prep. (Ger) 11363

*in infant and child*

caused by pica 20263

lead encephalopathy, edathamil & dimercaprol ther., comparison of post-ther. ment. develop., statist. follow-up 5711

of unusual origin, case reports 52698

*in pregnancy*

polarographic lead determ. in ingestion of lead monoxide in attempted abortion 24002

*metabolism*

blood & urine lead & porphyrin determ., value in differ. diag. & expert testimony (Ger) 33827

porphyrin biosynthesis & metab. eff. (Fr) 13469

*pathology*

intranuclear bodies in renal tubules, histochem. study 5637

*prevention and control*

in Switz. (Fr) 11309

in Switz., activities of Swiss Lead-Gasoline Commission (Ger) 11311

*therapy*

edathamil calcium disodium & 3-mercaptovaline, comparison of lead excretion after intravenous admin. 14691

edathamil calcium disodium causing tubular necrosis of kidneys (Ger) 42945

review (It) 27459

sodium citrate (Ch) 38368

*urine in*

δ-aminolevulinic acid excretion 227

simultaneous polarographic determ. of lead, zinc & copper in urine before & after treatment with edathamil (It) 37443

**LEADERSHIP**

adult leaders' judgments of soc. acceptance in community youth groups, accuracy of judgement 2840

**LEARNING**

*see also* MEMORY

acquisition & extinction of conditioned response in rat, eff. of thyroid funct. 4932

acquisition & extinction of instrumental response under constant & variable stimuli 4945

acquisition & extinction of partially reinforced running response at 24-hour intertrial interval 5043

acquisition of a verbal maze, eff. of method of correction & number of alternate choices per unit 40824

acquisition of 12-unit verbal maze, comparison of correction & modified correction procedures 38339

action decrement, positive correlation with learning 5025

age differences in retention of learning 17371

approach-avoidance conflict, eff. of intraperitoneal inject. of trypan red in rat 4933

associative connection between paired verbal items 5028

associative transfer in motor paired-associate learning, eff. of amount of 1st-task practice 5039

avoidance behavior conditioning & extinction, eff. of intertrial responding 5060

avoidance learning in rat, eff. of age 4942

bar-holding as preparatory response in escape-from-shock train. 17100

behavioral conditioning of monkeys, causing gastrointestinal disord. 20874

bent-wire detour problems for monkeys 4939

classical conditioning 50552

comparative eff. of visual & auditory incentives on performance of monkeys 789

comparative learning ability of neurotics & schizophrenics 17733

complex incidental learning, eff. of anxiety & task difficulty 5027

concept form. in chimpanzees 21666

conceptual discrimination in monkey 50492

conditional discrimination & stimulus patterning 50494

conditioned responses in opossum 17352

conditioning & inhib. of laterality (Fr) 36125

conditioning in simple prediction situation, eff. of preliminary trials on rate 50545

conditioning of attention as source of autistic eff. in perception 4377

conditioning of hostile verbalizations in situation resembling clin. interview 40741

conditioning, relation to hypnotic susceptibility 5037

control of intertrial rest, method & theory 40857

curiosity, exploratory drive & stimulus satiation, review 20860

depressive eff. of electroshock in learning, relation to peak intensity of unidirectional square-wave electroshock 50487

depressive eff. of electroshock in learning, relation to stimulus parameters of interjected unidirectional square-wave electroshock 50489

different social feedback, eff. on performance in dyadic teams 16489

differential eff. of word & object stimuli on learning of paired associates 50547

diminishing interval conditioning technic 28343

discrimination learning & interdimensional transfer, eff. of systematically controlled visual experience in rat 50508

discrimination learning by imbeciles, eff. of reward & nonreward 17095

discrimination learning by satiated & deprived rats with sucrose incentive 783

discrimination learning, eff. of highly distributed trials in rat 5033

discrimination learning, eff. of incidental peripheral cues in monkey 4935

discrimination learning, eff. of pretrain. on component stimuli 4937

discrimination learning, eff. of pretrain. reinforcement schedules 5024

discrimination learning, eff. of prolonged exposure 17089

discrimination learning, eff. of spatial relations of cue, reward & response 5032

discrimination learning, eff. of x-irradiation in monkey 5119

discrimination learning in a verbal conditioning situation 5021

discrimination learning in albino rats, eff. on neurotic behavior (Fr) 40915

discrimination learning in monkeys, eff. of hunger deprivation & problem difficulty 50544

discrimination learning, study technic 23296

discrimination of concentric ring patterns by monkeys 17097

discrimination of consonant clusters, additivity of cues & transfer in 50543

discrimination of form, dependence on interaction of form preexposure & test requirements 17090

discrimination performance, eff. of similarity of previously acquired stimulus names 17257

discrimination reversal, eff. of delay of reinforcement & response reversal 5023

discrimination-reversal learning in pigeons 50495

discriminative verbal responses, eff. of type & degree of mastery on conceptual block-sorting 17354

distractibility in x-irradiated & non-irradiated monkeys 5118

distributed practice, eff. of meaningfulness & intralist similarity of serial nonsense lists 5053

distribution of practice, eff. on a component skill of rotary pursuit tracking 28337

disturbances of maze habit following occipital cortex removals in blind monkeys 34896

drive level, eff. on performance & extinction of a learned response in rat & fish 50498

drive-level of different intensities of electric shock in human subjects 780

early discrimination learning, mode of response & stimulus difference in discrimination of tonal frequencies 28582

eff. of ablation of somatic receiving areas I & II of cerebral cortex in monkey 40736

eff. of aging on short-term learning & remembering 40883

eff. of amount of reinforcement & duration of goal confinement on resistance to extinction following partial & continuous reinforcement 5026

eff. of anxiety on verbal conditioning 4367

eff. of anxiety, reassurance & meaningfulness on verbal learning 40820

eff. of attention on perceptual articulation & satiation 776

eff. of attitude on comprehension 2124

eff. of chlorpromazine on habit reversal in rat 5117

eff. of chlorpromazine on learning in chronic psychotics 17190

eff. of chlorpromazine, reserpine & monosodium-L-glutamate on discrimination in rats 3483

eff. of cold exposure on heat-reinforced operation behavior in rats 33345

eff. of component interaction on train. & transfer 40823

eff. of corpus callosum section in cat 50941

eff. of correction vs. non-correction with changing reinforcement schedules in rat 4943

eff. of delay in reaction-time (Fr) 25102

eff. of early avoidance train. & rearing cond. on sex behavior of male rat 50505

eff. of electroshock on retention of a discrimination habit in rats subjected to anoxia 50489

eff. of enriched & restricted early environments on learning ability on bright & dull rats 2575

eff. of failure on subsequent performance of schizophrenics 16495

eff. of gamma rays in rat after prolonged, low-intensity irradiation 17079

eff. of high-calcium & low-calcium diets on maze performance of rat 50491

eff. of hypophysectomy on escape-avoidance reaction in rat (Fr) 2577

eff. of interruption of auditory signals on performances in aged, comparison with younger subjects 27570

eff. of interstimulus interval on latency of conditioned eyelid response 40819

eff. of irrelevant information on complex visual discrimination 50541

eff. of leadership style & power on inducement of attitude change 4374

eff. of manipulation of rats in infancy on adrenal response to cold stress 50507

eff. of phenylketonuria on temporal discrimination learning in rat 19554

eff. of plausibility on learning of controversial statements 16496

eff. of practice & rest on fluctuations in Müller-Lyer illusion 2128

eff. of pre-feeding in apparent frustration effect in animal learning 5047

eff. of previous experience & information on performance on a word-formation problem 5065

eff. of rate & direction of conditioned stimulus change on avoidance performance in rats 23318

eff. of ready signals & interpolated unconditioned stimulus presentations in eyelid conditioning 5017

eff. of shock-induced stress on verbal performance 5044

eff. of soc. interactions on learning rates in birds 21689

eff. of superior colliculus & caudate nucleus lesions on single alternation performance in monkey 4931

eff. of trials & reward magnitude on instrumental & competing behavior 5031

eff. of x-irradiation in monkeys before, during & after barbiturate sedation 5115

eff. of x-rays in small dos. on extinctive inhib. in mice (Rus) 33338

escape learning without avoidance learning, eff. of hypothalamic stimulation in cat 4924

evidence for a learning theory of specific hunger 50504

extinction & spontaneous recovery of conditioned eyelid response, eff. of amount of acquisition & extinction train. 17260

extinction after acquisition under different verbal reinforcement combinations 50549

extinction, eff. of effort 4946

extinction of avoidance responses, eff. of tubocurarine in dog 17075

facilitative eff. of sensory preconditioning on instrumental learning in monkey 4936

fractional escape & avoidance on titration schedule of rats on electro-shock 44962

frustrating & secondary-reinforcing operations, comparison 50500

galvanotropism as an avoidance response 50482

generalization, eff. of delay between train. & test trials 17092

generalization in pigeons, eff. of deprivation 5063

generalization of fixated behavior in rat 4947

generalization of instrumental response with variation in 2 attributes of conditioned stimulus 17264

gradients of nonspatial generalization 5064

habit strength in aversive train., determinants 17099

human delayed-reward learning with different lengths of task 28334

human trial-&-error learning, eff. of joint variation of locus of reward & type of pacing 5036

identification as concept in learning theory 20867

imitative & opposition responses, acquisition under 2 cond. of instruction-induced set 40826

imprinting & associative learning in duck, stability of following response 17088

incidental learning, eff. of frequency of exercise & length of list 5032

incidental learning in concept form. 780

independence in learning 2 consecutive responses per trial 5020

individual dynamics in group problem-solving (Fr) 25103

information gain in tasks involving different stimulus-response relationships 52357

inhib. with reinforcement 17259

instrumental response chain, eff. of reinforcement schedule on performance 50551

instrumental reward learning, eff. of alley length & time of food deprivation in rat 28340

interstimulus interval & interpolated rest, eff. on performance in a vigilance task 37987

intralist generalization in paired-associate learning 20868

intrasubject conditioning, eff. of intensity of unconditioned stimulus 21663

irrelevant-incentive learning 50496

latent extinction & determinant variables 5052

learning ability in aphasic patients 17126

learning ability in cerebral palsy & lesser brain damage 5731

learning as process induced by changes in interneuronal transm. characteristics, use of electronic analogue computers in research 14218

mediation in preconditioning 5054

motivation shift in a complex learning task 40825

motivation, structured measurement, contribution of Raymond B. Cattell 40702

narrowing of attention in rhesus monkeys after sublethal radiation exposure 23280

paired-associate learning, eff. of stimulus similarity & sequence of stimulus presentation 5038

paired-associate learning, interaction of ability, amount of practice, stimulus & response meaningfulness 5051

perceptual learning, definition & analysis 20866

perceptual learning, differentiation & enrichment of past experience 40806

performance decrement at audio-visual checking task 50550

place & response learning in a simultaneous-successive discrimination learning situation 17098

primary stimulus generalization, eff. of acquisition level in cat 17093

problem solving, eff. of amobarbital & d-amphetamine on ment. speed of schizophrenics 50841

problem solving, eff. of daily practice on ment. speed of schizophrenics 50842

problem-solving success, interaction of achievement motivation & ability 16494

processes, exper. research 6170

processes underlying learning a single paired- associate item 28342

progression from simple to complex as molar law 17343

progressive discrimination learning in monkeys, comparison of spider, cebus & squirrel monkeys with other monkey species & other animals 4938

prolonged exposure to visual patterns, eff. of single stimuli & prior reinforcement 4941

reactive inhib., correlation with figural after-effect & introversion-extraversion 16491

reactive inhib., eff. of stimulant & depressant drugs 17266

recall probabilities in relation to attention-getting value of structural change 26080

recall, recognition & relearning (Fr) 25099

reinforcement & punishment in control of human behavior by society & soc. forces 53622

reinforcement as a stimulus 2122

reinforcement by light onset & light offset 17087

reinforcement of intertrial avoidance responses 8419

reinforcing eff. of weak-light onset, relation to degree of food deprivation 4944

relation of incentive motivation & ability level in psychomotor performance 5030

relation of interest to ability, factor analysis 2581

relation of meaningfulness of material, distribution of practice & serial-position curves 5042

relation of repetition, review 9611

relation of spontaneous alternation behavior to learning theory 31552

replication & 2- & 3-choice verbal-conditioning phenomena 5034

resist. to extinction, eff. of continuous & intermittent presentations of train. cue 5059

response contingent probabilities favoring response change 5057

response-stimulus learning, eff. of meaningfulness & degree of stimulus-response learning 5046

reversal learning, eff. of overlearning & drive level 17094

reversal learning following partial reinforcement 787

reward, comparison of homogeneous & heterogenous reward of monkeys 50493

reward, eff. of amount on performance, 2 methods of research 50497

rewarding & punishing eff. of stimulating same place in brain of rat 50485

rewarding & punishing eff. of stimulation of posterior hypothalamus in cat with same electrode at same intensity 4925

rote learning, comparison with concept formation 5055

satiation eff. of self-stimulation of brain in rat 50486

secondary reinforcement, eff. of multiple drive reduction 17101

secondary reinforcement, eff. of reward schedule & testing situation 50499

secondary reinforcement, review 20859

sensory preconditioning, eff. of stimulus time during preconditioning train. 28338

sensory preconditioning, review 53644

serial addition, eff. of stimulus duration & pacing 2578

spontaneous recovery after nonresponse extinction 17102

spontaneous recovery of conditioned eyelid responses, eff. of intertrial interval during extinction 5019

spontaneous reorganiz. in rat, eff. of cortical ablation, relation to stimulation 17081

stability of verbal rate change in anxiety 5048

statist. learning theory model for 2-choice behavior with double stimulus events, correction 28341

stimulus & response generalization, deduction of generalization from trace model 8422

stimulus alternation in peripherally blinded rats 37983

stimulus generalization, eff. of anxiety 40865

stimulus similarity, relation to number of responses 40821

student's learning process in med. school 17694

substitution with interrupted tasks of differing valence 17362

task alternation time in relation to problem difficulty, age factor 40885

theory, application to nondirective play ther. 17160

theory, application to treatment of stammering 17985

time factor in reward & nonreward of monkeys 5067

transfer-effects on a rotary pursuit task, eff. of first-task difficulty 28336

transfer of conditioned response, eff. of instructions 50542

transfer of learning in rats in a shuttle-box situation 37984

transfer of train., relation to perceptual learning & recognition, review 31560

transposition from rewarded to unrewarded stimulus card, eff. of shift of background in parakeet 17091

verbal conditioning & extinction with verbal & nonverbal reinforcers 5041

vicarious experience & partial reinforcement 16497

visual discrimination learning in imbeciles 24462

visual discrimination learning under special train. cond. in imbeciles 24460

visual experience, comparison with visual-motor experience 50510

word assoc. originality, facilitation & transfer-effects 28332

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

*in infant and child*

auditory word discrimination test, results of varying presentations to ment. retarded child. 24485

discrimination learning in normal child., comparison with ment. defectives 2839

discrimination of object & pattern in child. 50502

early motor acuvity in inf. & child. (Fr) 55521

eff. of anxiety 16488

eff. of stress & differential position habits on motor learning in child. 50546

generalization of child. preferences, eff. of reinforcement & task similarity 50105

learning ability of cerebral palsied child., eff. of meprobamate 5739

learning ability of juvenile epileptics 25478

learning in brain-injured child by living in a structured setting 46979

learning set in child., eff. of intellectual level 50503

learning set in normal & mentally defective child. 17096

of incidental cues by preschool child., role of imitation 2837

paired associate learning, generalization & retention in child. of various intelligence levels 24488

probability learning in child. 5050

reward & punishment for discrimination learning in child., relative effectiveness 50501

LEATHER

bovine hide, extraction of soluble proteins by aqueous sodium phosphate & half-saturated lime 47950

chrome-tanned shoe leather causing contact dermatitis 11578

LECITHIN

in cardiolipin complement-fixation antigen, eff. of variation of concentration & origin of lecithin 14181

synthetic lecithin, biophys. (Ger) 49330

*determination*

chromatographic fractionation of egg lecithins 1344

*effects*

lipotropic eff. in fatty liver induced by choline defic. & carbon tetrachloride pois. in rats (Ger) 39047

on cholesterol & lipoproteins in blood (Ger) 18948

*metabolism*

brain, purification from beef brain tissue, identification & potent thromboplastic activity of serine cephaline - lecithin prep. 28240

distribution of radiobismuth-lecithin camphorcarbonate after infiltration into solid Ehrlich carcinoma in mice (It) 42585

hydrolysis by phospholipase B from Penicillium notatum 37056

*preparation of*

L-α-dipalmitoyl lecithin synthesis from β-bromoethyl-phosphoric acid dichloride (Ger) 30597

*related compounds*

aminoethylphosphoryl choline, protective eff. in exper. phosphorus & carbon tetrachloride pois. (It) 3542

α- & β-acyl-lysolecithins, surface activities 41324

glycerylphosphorylcholine in male reproductive organs of guinea pigs & rats 53694

lysolecithin, eff. on interfaces (Ger) 33993

lysolecithin metab. pathways in soluble rat-liver system 13836

lysolecithin prepared by action of snake venom on ovolecithin, residual phospholipase A activity 13812

lysolecithin solutions, refractive indices, densities & micelle form. 41391

viscosity of lecithin & lysolecithin solutions 41317

*therapeutic use*

eff. on acceleration of recovery (Ger) 52241

*LECITHINASES see* ESTERASES

LEECHES

Glossiphonia complanata, electron microscopy of fine structure of adipose cell 16958

Hirudo medicinalis L., presence of arcaine in (Fr) 15089

Limnatis nilotica, invasion of mammals (Rus) 51740

ther. application causing hemorrh. diathesis (Rus) 41667

*effect of drugs on*

potassium on musc. (Ger) 23628

LEG

*see also* ANKLE

*see also* FEMUR

*see also* FIBULA

*see also* KNEE

*see also* THIGH

*see also* TIBIA

leg bandages, method of application (Ger) 15344

movable footrest for elevation of lower extremity 16647

weight distribution in legs of persons working in standing position, relation to handedness 23893

*abnormalities*

hypertrophy, unilateral 54733

inequality, statist. correlation with various foot disord. 4591

inequality, surg. (Ger) 22750

length inequality, growth stimulation (Cz) 11842

shortening of leg in polio., natural hist. 50391

*blood supply*

arterial ischemia, surg. indic. & technics 32515

circ. changes after surg. for coronary dis. 35639

circ. in interbertebral disk hernia, diag. value of oscillography (It) 42745

eff. of exercise on circ. in arteriosclerosis obliterans & in healthy subjects 46507

exper. ischemia causing shock, influence of environmental temperature on rats 48457

exper. ischemia causing shock, influence of previous exposure to cold in rats 48462

ischemic contractures 8112

large veins, innerv. in dogs & monkeys (Rus) 1761

mass aortography & arteriography (Dut) 52481

phlebography (Ger) 44308

postthrombotic synd., surg. (Ger) 55717

pulse sign in calf, diag. value in aortic valve insuff. (Ger) 39026

tilt phlebography of normal legs 35459

vasc. fluoroscopy, indic. & technics (Fr) 54443

venous pumping mechanism in calf musc. 11785

*diseases*

algodystrophy synd., definition, manifest. & ther. (Fr) 54153

bilateral weakness of legs caused by intervertebral disk displacement 29751

coup de fouet & related synd. of leg (Sp) 3955

edema & physiopathic disord. with ulceration of feet caused by chromium, in metal worker (Fr) 47768

elephantiasis, pathogen. mechanisms (Fr) 35046

emphysema, after perf. of pelvic colon or rectum, case reports 37632

hemosiderosis, cutaneous caused by osteitis deformans (Fr) 21393

mollimina crurum nocturna & restless legs (Sw) 32047

nocturnal cramps in menopausal patients, ther., hesperidin & vitamin C 49002

outwardly rotated leg in polio., correction 50392

pain, vasc. causes 29280

pseudoarthrosis of distal part, surg., Phemister method 36870

pseudohypertrophy of calves in boy with pseudomyopathic form of dermatomyositis case report (Cz) 38336

pseudosyringomelic acropathy, case report (Fr) 2017

pyoderma gangrenosum following simple skin graft, case report 21831

sarcoidosis, manifest., late develop. of papulomaculate eruptions with lridocyclitis, case report (Fr) 37872

sclerous panniculitis, ther. (Fr) 11857

*fractures*

blood circ. during cure, arteriography (Ger) 11422

causing myositis ossificans of hips & forearm, case report 35074

causing pathol. changes in leg veins (Ger) 46000

causing posttraum. giant cell tumor, x-ray diag. after 48 years (Ger) 15859

closed spiral & transverse, ther. (It) 25624

closed, ther., remote results (Rus) 10899

comminuted, with inj. to soft parts, osteosynthesis (Ger) 55584

compound comminuted fract. of right leg, case report 4552

diaphyseal, with hip disloc., intramedullary nailing (Cz) 11851

open comminuted fract. of lower leg with extensive soft part inj., ther., review (Ger) 27833

open reduction & fixation of fibula in fract. of both bones of leg 40314

phagocyte index (Rus) 52865

post-traum. arterial inj. leading to gangrene, surg. 24789

*gangrene*

bilateral amputation for gangrene caused by acute aortic obstruct. (Rus) 6008

diabetic, surg., amputation, hazards of involvement of second leg (Ger) 51816

caused by chickenpox, case report 41272

in Schoenlein's purpura in child, surg. 51052

ther., intravenous sodium nitrite (Sp) 3341

venous 8110

with diabetes, hydergine ther. (Ger) 19031

*muscles and tendons*

atypical musculus tensor fasciae surralis, relation to encephalopathies in newborn (Cz) 38281

electromyography of leg musc. during movements of free foot & during standing 47096

extensor digitorum longus, comparative anat. in relation to knee in mammals, reptiles & amphibians 12938

gastrocnemius musc., innerv. & pharmacol. behavior in birds (Ger) 23557

gastrocnemius recession in surg. of cerebral spastic palsy 16970

intra-gemellar hemorrh., causing thrombophlebitis & pulm. embolism (Sp) 49880

semitendinosus dis. (Ger) 53312

tenais leg caused by rupt. of gastrocnemius musc. 35075

*neoplasms*

angioma, diffuse venous of right leg (Fr) 51376

diag., arteriographic method (Bul) 41567

hemangioendothelioma, unusual clin. & histopathol. aspects (It) 42556

leiomyoma cutis, in 26-year-old man 37553

melanoma, metastatic, isolation & perfusion of tumor-bearing area with p-bis-(β-chloroethyl)amino-phenylalanine 40318

sarcoma, osteoid, with osteoid-forming skin metastases (Ger) 15287

*paralysis*

caused by nerve compression (Ger) 15882

spastic, determ. of thigh musc. tonus by modified pendulousness test 19805

*surgery*

conservative method of repairing surface defects where bone is exposed 35930

shortening osteotomy of healthy thigh for marked shortening of other leg caused by tuberc. of hip (Ger) 23182

*ulcers*

caused by erythema induratum, differ. diag. (Ger) 42285

caused by rheum. arthritis, histol. & differ. diag. (Fin) 27281

caused by venous thrombosis (Ger) 15281

chronic, in cryptogenetic splenomegaly 14472

cryother. in trophic ulcer (Rus) 41514

dermatol. aspects (Nor) 10376

in congen. hemolytic jaundice (Ger) 25293

in post-thrombophlebitic synd., prev. & ther., Mahorner method (It) 44837

ionosone ther. (Fr) 36516

Martorell ulcer, ther. (Sp) 12997

mutilating trophic ulcers 14090

postphlebitic, surg. 5352

psycho-phys. ther. of chronic ulcer 42159

review (Ger) 39793

surg. (Fr) 19345

surg. (Ger) 15303

surg., free skin grafts in trophic ulcer (Rus) 41513

surg., patch grafts (Fr) 2416

surg., pellet grafts (Fr) 41947

surg., skin transpl. (Cz) 21544

ther. (Dan) 45533

ther. (Ger) 10270

ther., asiatic acid glucosides & rhamnosides from Centella madagascariensis (Fr) 53394

ther., hydergine in ulcus cruris (Ger) 42275

ther., indic. & limitations (Fr) 15960

ther., naturopathy (Ger) 39957

ther., pantothenic acid (Fr) 54473

ther., pantothenic acid inject., cicatrizant action (Fr) 37682

ther., review (Ger) 39801
trophic, cytol. of exudate (Rus) 45229
trophic, exper., course & ther. (Pol) 30065
trophic, skin transpl., technic (Rus) 54573
ulcus cruris venosum, surg. 38848

*wounds and injuries*

caused by traffic accid. (Fr) 9211
electrical burns, skin transpl. (Ger) 29096
in child., surg., skin transpl. 4458
molten metal burns 37647
multiple inj., case reports (Pol) 38453

*LEGG-PERTHES DISEASE see* OSTEOCHONDRITIS

LEGISLATION, MEDICAL

control of false advertising of drugs, in U. S. 51582
French laws concerning rental of property for physicians' offices & housing (Fr) 48960
in Algeria (Fr) 3143
in Italy, on malpractice in med. & sanitary professions (It) 6931
in U. S. 16181
internat. med. law in field of military med., problems, scope & objectives (Fr) 9057
legal decisions & legislation in Gt. Brit. 18692
on med. care of indigent, current legislation 29171
responsibility of physicians to propose & support legislation to improve med. care 41163

*history*

19th century Anat. Act in Quebec, relation to body-snatching 14338

LEIOMYOMA

*blood in*

iron level in uterine leiomyoma (Ger) 11455
proteins in complicated uterine leiomyoma, clin. value (Sp) 6867
uterus, with polycythemia 47012

*case reports*

bladder (Ger) 34373
calcified myomatosis of uterus (Sp) 27219
calcified, of uterus, with Hodgkin's dis. of mesenteries & retroperitoneal space, clin. pathol. conf. 52622
calcified, of uterus with uterine torsion (Por) 12896
duodenum 37646
epididymis (Rus) 55168
esophagus, hemorrhagic case (Rus) 6009
esophagus, massive (Fr) 42420
fibro-leiomyoma of esophagus (It) 36715
intravenous leiomyomatosis of uterus & pelvis 47598
larynx 41066
46489
lung (Rus) 33590
lungs, solitary primary 14656
massive subserous fibromyoma of uterus with endometriosis & fibroadipose degen. (Sp) 43910
retroperitoneal, surg. & postop. cicatricial fibroma clin. pathol. conf. (Sp) 9719
skin (Dut) 43026
skin of leg in 26-year-old man 37553
small intestine (Rus) 18202
41698
stomach (Rus) 6002
stomach, causing gastric volvulus & massive hemorrh. 27047
stomach, simulating hourglass stomach, x-ray (Por) 8736
uterine fibromas with ovarian hypernephroma (It) 8464
uterine, hysterectomy & postop. develop. of bartholinitis & fibromyoma of Bartholin's gland (It) 15029
uterus 40913
uterus, pedunclular torsion of leiomyoma causing develop. of giant cystic fibromyoma (Rus) 30398
uterus, with rapid rate of growth 30187
vagina (It) 6854

*complications*

migration from stomach to duodenum by invagination of posterior gastric wall, x-ray manifest. & case report (Sp) 15485
uterine fibroma causing tubal pregn. & hemoperitoneum, case report (It) 38546
uterus, causing sterility, mechanisms, clin. manifest. & surg. 3034
uterus, with pyosalpinx, clin. pathol. conf. 43138

*diagnosis*

greater saphenous vein, preop. localization by phlebography, case report 25058
submucosal necrotic leiomyoma of uterus (Fr) 26277

*differential diagnosis*

hemorrh. leiomyoma of small intestine simulating giant ovarian cysts 12300

*in pregnancy*

recur. calcified leiomyoma of pelvic & gluteal regions 16986
uterine cervix, case reports 20061
uterus 3025
uterus, case reports 36025

*manifestations*

signs & sympt. of uterine leiomyoma 3014
urinary tract disord. in uterine leiomyoma 3017

*pathology*

uterus, benign & malignant changes 3016
uterus, histopathol. of uterine arteries (Fr) 51367
uterus, necrobiosis, expulsion process & vermiform bodies (Fr) 31899

*surgery*

hysterectomy, abdom. technic 3023
hysterectomy, vaginal, indic. & technic 3021
3022
local fibrinolysis during surg. of uterine fibromyoma 36046
myomectomy in uterine leiomyoma 3020
postop. uterocutaneous fistula after multiple myomectomies, case report 7618
uterus (Ser) 51724
uterus, conservative surg. in sterility & pregn. (Ger) 29435
uterus, technics 49755

*therapy*

uterus, radiother. 3019
uterus, radiother. & surg. 3018

LEIOMYOSARCOMA

*case reports*

duodenum 16100
37548
esophagus 10104
36004
lung (Ger) 22201
prostate, with vesical metastasis (Hun) 18603
stomach 17483
stomach (Fr) 31978
vagina 7808

LEISHMANIA

*culture*

Leishmania donovani in human amnion epithelial cell tissue culture 14705

*effect of drugs on*

leishmanicidal 8-amino-6-methoxyquinolines, structural requirements for activity 7155

LEISHMANIASIS

*epidemiology*

in Portugal (Por) 12912

*experimental*

canis (Rus) 18865

*therapy*

cortisone & hydrocortisone, supplement to streptomycin & antimony 2046

*LEISHMANIASIS AMERICANA see* LEISHMANIASIS, MUCOCUTANEOUS

LEISHMANIASIS, CUTANEOUS

classif. of clin. forms (Rus) 18864
clin. & epidemiol. aspects (Fr) 37880
in chicle collectors in Brit. Honduras 48290

*case reports*

13672
recur., of left broad ligament (Fr) 26221

*diagnosis*

dermography in lupoid leishmaniasis (Fr) 53425

*differential diagnosis*

tuberc., cutaneous (Ger) 3221

*epidemiology*

in France (Fr) 31063

*pathology*

biopsy study in case with prolonged incubation (Fr) 2380

LEISHMANIASIS, MUCOCUTANEOUS

ocular (Por) 21084

*prevention and control*

in Brazil (Por) 44429

LEISHMANIASIS, VISCERAL

epidemiol. & ther. in China 38395
pathol., case reports & review (Por) 36897

*blood in*

proteins, electrophoresis 5169

*case reports*

in France (Fr) 50775

*complications*

liver cirrhosis, pathol. (Por) 15954

*epidemiology*

(Rus) 51745
autochthonous in Korea (Bul) 45309
in Brazil, review (Por) 44430

*experimental*

canine (Rus) 51746

*in infant and child*

ther., N-methylglucamine antimoniate, ther. results as specific diag. test (Por) 16153
with dysproteinemia, electrophoresis & antigen-antibody reactions (Sp) 46674

*therapy*

prednisone (Fr) 433

*urine in*

17-ketosteroids 5168

*LENS, CRYSTALLINE see* CRYSTALLINE LENS

LENSES

*see also* EYEGLASSES

appliances for partially sighted persons 2107
Bartel lens in diag. of nystagmus (Ger) 1136
Reichert's micrometer eye-piece for histophotometer & cytometry (It) 6763
supplementary ophthalmol. trial lens-castings (Ger) 51274

LENTIGO

centro-facial lentiginosis, etiol. & manifest. (Fr) 31092
congen. centrofacial lentiginosis, relation to congen. syphilis (Fr) 53594

*pathology*

melanocyte pattern in freckled epidermis covering a scar 17527

LEONTIASIS OSSIUM

*in aged*

pathol. relation to advanced age (It) 27615

LEPROSY

customs, laws, acts & rules affecting leprosy patients in India 50031
leprosarium nursery for healthy child. of leprous parents, operation & mortal. statist. (Fr) 1076
leprosy sanatorium of Albert-Clarac hosp. in Martinique (Fr) 1436
leprosy village & chapel in Belgium (Dut) 54314
research trends in bacteriol., pathogen. & ther. (Sp) 31803
review 33132
review (Sp) 3672
tuberculoid leprosy, types & immunol. reactions (Sp) 15501

*blood in*

C-reactive protein 50030
hemoglobin types 50029
proteins, electrophoretic patterns during various phases of dis. (It) 9356

*case reports*

eye 668
familial 17419
with amyloidosis of kidney, relation to renal insuff. & hypertension (Sp) 42184

*complications*

claw hand caused by intrinsic musc. paralysis, surg., sublimis transfer of Stiles & Bunnell 40623
erythema nodosum 18514
erythema nodosum, ther., ACTH & cortisone (Por) 13017
nerve damage of hand 18513
neuritis & perforating ulcer of foot, ther. 33133
trophic ulceration of foot, ther., intra-arterial hydergine 50028
uveitis, ther. (Fr) 7068

*differential diagnosis*

acropathia ulcero-mutilans & sebaceous adenoma of face (Fr) 25505

*epidemiology*

in Iceland (Icelandic) 41782
41783
in Korea (Bul) 45299
45298
in Mexico, state statist. (Sp) 42236
in the Americas (Sp) 37270
in Turkey 50032

*experimental*
- biol. factors in transm. of human leprosy to hamsters 40086
- biol. factors in transm. of human leprosy to mice & rats 40085
- eff. of BCG vacc. on cyclative rats in hamsters 21086
- eff. of BCG vacc. on lepromin reactivity in guinea pigs (Por) 44461
- eff. of 4-4'diaminodiphenylsulfone on survival, relation to doses of Mycobacterium lepraemurium (Por) 21067
- eff. of hyaluronidase on develop. of murine leprosy (Por) 44462
- murine, eff. of dihydrostreptomycin & 4-4'diaminodiphenylsulfone, mechanism of action (Por) 21069
- progressive leprosy induced by inoculation with triturated human lepromata in chimpanzee 5900

*history*
- evidence of leprosy in Brit. archaeol. material 29288

*immunology*
- cold complement fixation tests, results 10525
- eff. of BCG on tuberculoid leprosy in endemic areas (Fr) 14445
- enhancement of immune response in leprosy patients by adjuvant BCG & other bact., viruses & wetting agents with oils & esters 16353
- immunol. relation to tuberc. studied by BCG, tuberculin & lepromin tests of So. African Bantus 16353
- lepromin & tuberculin reactions, correlation & eff. of BCG vacc. on nonreactors in healthy leprosy contact child. in Indonesia 50026
- lepromin-like reaction of normal skin tissue 18509
- lepromin reaction, eff. of irradiated BCG vacc. (Por) 13616
- lepromin reaction in different forms of leprosy & relation to allergic paralysis 10517
- lepromin reaction, modified technic 18508
- magnitude of immune response incited by killed & attenuated mycobacteria in mice 17405
- Mitsuda lepromin reaction, alteration by protein fraction of Stefansky's strain (Rus) 55200
- Nelson-Mayer test (It) 20972
- prep. of protein antigen from lepromin for study of hypersensitivity in leprosy 16355
- primary animal lepromin with Hansen's bacilli, attainment & comparison with human lepromin (Sp) 33439
- reactivity of Reiter protein complement fixation test in leprosy compared with other syphilis tests 53657
- skin reaction to intradermal inject. of fatty acid fraction from M. tuberc. (Fr) 21284
- tuberculoid reaction following BCG admin. (Fr) 25506

*in infant and child*
- of scrotum in 6-year-old boy, unusual case 3049
- pigmented nevus in lepromatous leprosy, case report (Por) 13618
- prev. in child. of leprous parents by BCG vacc. (Por) 13623

*microbiology*
- Mycobacterium leprae murium, electron microscopy in ultra-thin sections of murine leprosy lesions 50027

*pathology*
- histopathol. demonstration of affinity of Mycobacterium leprae for nerve tissue 27904
- leproma cells, electron microscopy of ultra-thin sections 16351
- lung lesions, Sudna black staining for differentiation of M. tuberc. from Mycobacterium leprae 18510
- lymph nodes, histopathol. 16354
- peripheral nerves, electron microscopy 46653

*prevention and control*
- 50033
- (Sp) 37269
- in Brazil (Por) 13605 13619 13621 13623 13624
- in Martinique, protection of exposed child. (Fr) 1435
- in Paraguay, program (Sp) 37275
- in Thailand, pub. health program 50025
- isolation of patients & child., indic., value & limitations (Sp) 37271
- program planning & integration in pub. health serv. (Sp) 37274

*statistics*
- in Brazil (Por) 13625
- in No. Rhodesia, relation to sex incidence 18513
- in Paraguay (Por) 21068

*therapy*
- antibiotics, immune sera & sulfonamides (Sp) 21249
- 1-(p-butoxyphenyl)-3-(p-dimethylaminophenyl)-3-thiourea (Fr) 2398
- 1-(p-butoxyphenyl)-3-(p-dimethylaminophenyl)-3-thiourea (Por) 39990
- D-cycloserine (Fr) 14426
- cycloserine (Por) 44460
- cycloserine, case reports (Fr) 37018
- 4,4'-diaminodiphenylsulfone in nodular leprosy, bacteriol. & histol. changes (Ger) 39294
- 4-4'-diaminodiphenyl sulfone, TB1 & chaulmoogra oil, weekly inject. (Fr) 6370
- diethyl dithiotosphthalate 51364
- hydroxyprocaine penicillin (Ger) 55479
- p-isopropylaminophenyl-p-aminophenyl-sulfone (Fr) 36553
- Mycobacterium marianum antigen & diaminodiphenylsulfone in nodular leprosy 18511
- rehabil. programs (Por) 13620
- sulfone mass ther., methods & program for endemic areas (Sp) 37272
- 37273

**LEPTOSPIRA**
- azoetyle, demonstration by electron microscopy 33141
- bullum in small rodents in Scotland, 1st isolation in Gt. Brit. 28984
- celladonl, morphol., electron microscopy (It) 53804
- fine structure (Ger) 55676
- in Bohemia, animal carriers (Ger) 34519
- monjakow, characteristics & nomenclature (Ger) 23150
- monjakow, discovery, nature & nomenclature (Rus) 34621
- pomona, identification with DV-V strain (Rus) 34623
- pomona, serol. types (Rus) 34622
- pomona, survival in diluted semen at 29°C. 12764
- pomona, viability in frozen extended bovine semen 4618
- properties & nomenclature of strain causing benign leptospirosis 28403
- simple method for separating leptospirae from contaminating microorganisms 40458
- suis, description & possible identity with Leptospira pomona (Sp) 15521

**LEPTOSPIRA CANICOLA**

*metabolism*
- amino acid utilization 50328

**LEPTOSPIRA ICTEROHEMORRHAGIAE**
- serol. types (Rus) 34622

**LEPTOSPIROSIS**
- anicteric, diag., clin. aspects & liver & kidney pathol. (It) 31500
- as an occup. dis. in swine breeders, medicolegal factors (It) 240
- canicola, in newborn calf 12725
- description of types (Fr) 32042 32050
- grippo-typhosa infect. (Fr) 32046
- grippotyphosa infect. of humans in Belgium (Fr) 26181
- hist. & general characteristics (Fr) 32043
- in animals (Fr) 32044
- in dogs of train. school for police dogs in Italy (It) 53807
- in hedgehogs 40942
- in horses on small farm, seq. 4606
- in large artif. insemination stud in cattle 15232
- in white-tailed deer of southeastern U. S., incidence & detection 4642
- nosol. classif. & general clin. characteristics (Fr) 32046
- swineherd's dis. caused by Leptospira pomona & Leptospira mitis (Fr) 32049
- usuri, epidemiol. in Russia & clin. aspects (Rus) 34626

*complications*
- uveitis (Ger) 11151

*diagnosis*
- laboratory methods (Fr) 32051
- latex-leptospiral agglut. test, technic & results 31358
- sensitised-erythrocyte lysis test 17880
- serodiag. & identification of Leptospira species in man & animal in Rumania (Ger) 46271

*differential diagnosis*
- viral hepatitis, by blood mucoprotein determ. (Por) 39983

*epidemiology*
- 7856
- grippotyphosa (Rus) 34664
- grippotyphosa epidemic in W. Germany, special manifest. (Ger) 40059
- grippotyphosa, outbreak in Russia (Rus) 7896
- in Argentina, identification of causative agent (Sp) 39126
- in Belgium (Dut) 13687
- in Georgia, serol. exam. of animals 4607
- in Mexico, agglut. tests (Sp) 8903
- in Mexico, detection of Leptospira icterohemorrhagiae, canicola & pomona in man & animals by agglut. tests (Sp) 8902
- in No. & So. Dakota Indians 44853
- in Rumania (Rum) 6583
- in swine in Portugal (Por) 50079
- in U. S., review 53672
- natural foci in Russia (Rus) 34625
- swamp fever in Poland (Pol) 31512 31520
- swamp fever in Poland, climatic factors (Pol) 31518
- swamp fever in Poland, clin. picture (Pol) 31515
- swamp fever in Poland, in small animals (Pol) 31516
- swamp fever in Poland, in small wild & domestic animals (Pol) 31517
- swamp fever in Poland, serol. & microbiol. aspects (Pol) 31513
- swamp fever in Poland, soil exam. in foci of infect. (Pol) 31519

*experimental*
- attempted demonstration of activity of Leptospira grippotyphosa focus 38415
- grippotyphosa in bunzard (Cz) 2772
- histopathol. of placenta in Leptospira pomona infect. in cattle .2726
- immun. in x-irradiated white rats (Rus) 6643
- pathol. of swine Leptospira pomona infect. 40947
- suitability of baby chicks & hamsters for isolation of various leptospiral serotypes 17475

*immunology*
- serol. survey in hosp. patients & in packing house workers 549

*manifestations*
- eye (Fr) 31083

*pathology*
- histopathol. & microscopic exam. of various organs of rodents from epidemic area of swamp fever (Pol) 31514

*prevention and control*
- chlortetracycline in calves 4617
- in man & animals, review 53673
- swamp fever, pilot vacc. project in Poland (Pol) 31521

*statistics*
- clin. statist. 38385

*therapy*
- oxytetracycline 41791

*transmission*
- animal carriers in Czech. (Cz) 38171
- by carnivorous animals (Cz) 38159
- by rabbits (Cz) 38160
- by wild animals (Rus) 34624
- by wild animals, in Georgia 24708
- Leptospira grippotyphosa isolation from vessels (Cz) 38172
- methods of transm. to man (Fr) 32045

***LEPTOSPIROSIS, ICTEROHEMORRHAGIC** see* **WEIL'S DISEASE**

**LEPTOTHRICOSIS**

*etiology and pathogenesis*
- mucous lesions after antibiotic ther. (Rus) 36382

**LEPTOTHRIX**
- Leptotrichia buccalis & Leptotrichia dentium, morphol. 40835

**LETTERER-SIWE DISEASE**

*see also* **EOSINOPHILIC GRANULOMA**

*see also* **HAND-SCHUELLER-CHRISTIAN SYNDROME**

*case reports*
- histiocytosis X, pulm. (Hun) 7719

*in infant and child*
- develop. from eosinophilic granuloma (Pol) 38456

**LEUCINE**

*effects*
- isoleucine & leucine reversal of E. coli inhib. by β, β-dimethylcysteine 13830

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

***metabolism***

maple sugar urine dis. 37734, 37735

microorganisms of bovine rumen in vitro 25407

pancreas, incorporation into proteins of guinea pig cell fractions 16949

Pseudomonas species KT 85 from soil, enzymatic resolution of alloisoleucine 14927

***related compounds***

acetyl-DL-leucine, exper. & clin. eff. on labyrinthine vertigo (Fr) 33943

ω-bromoalkylglycine, eff. on glycine incorporation into proteins of explanted chick embryos 4970

6-diazo-5-oxo-norleucine, concentrative uptake by sarcoma 180, liver & muscle 44089

6-diazo-5-oxo-norleucine inhib. of uric acid synthesis in birds 12526

isoleucine biosynthesis in Neurospora crassa, acetoin & 3-hydroxy-2-pentanone as probable precursors 40550

isoleucine metab. by microorganisms of bovine rumen in vitro 25407

**LEUCONOSTOC**

microbiol. assays with Leuconostoc mesenteroides strains 50343

***metabolism***

lysine utilization by Leuconostoc mesenteroides, competitive inhib. by S-(β-aminoethyl) cysteine & its reversal by lysine peptides 13397

vitamin requirements of Leuconostoc from ciders 25139

***LEUCOTOMY*** *see* **PSYCHOSURGERY**

**LEUKEMIA** 50808

acute, clin. variations & ther. (Rus) 6032

acute, differ. diag. & clin. aspects (Rus) 6030

avian, discovery by Ugo Caparini 9593

chronic with maturation of blood cells, clin. aspects (Pol) 53193

classical & abnormal forms, manifest. & diag. (Fr) 3146

classif. & chemother. (Fr) 8318

clin. manifest. & ther. (Fr) 14733

etiopathogen. & ther., review (Rus) 6025

human leukemia factor, culture in chick embryo chorionic tissue (Rus) 1759

in remission, clin. & hematol. aspects (It) 3633

leukemoid reactions (Rus) 8262

leukemoid reaction in tuberc. (Rus) 45121

lymphoblastosis, cortisone ther. (Sp) 21117

leukomogens 18442

osseous leukosis, differ. diag. from myeloma & secondary cancer of bones (Fr) 51471

review (Rus) 45628

stem-cell leukemia, clin. manifest. & culture of stem cells (Ger) 43083

***blood in***

abnorm. blood lipoproteins in plasma cell leukemia, clin. pathol. conf. 13682

anemia, mechanisms 2069

coagulation (Ger) 34130

coagulation & hemostasis in leukemia of various types (It) 3859

coenzyme I, microbiol. determ. with Hemophilus influenzae 15034

cytotoxic eff. of rabbit & guinea pig sera for human leukemic lymphocytes 19495

eff. of blood serum on heterologous leukocytes (Ger) 23153

erythrocyte life span, radiochromium determ. (Ger) 27193

erythropoietin in child. (Ger) 39914

leukocytal nucleic acids, phospholipids & phosphoproteins (Rus) 13853

leukocyte sedimentation rate (It) 6891

leukocyte zinc content in relation to cell immaturity in leukosis (It) 1918

peculiar characteristics of plasma of leukemic blood (It) 29638

proteins (Rus) 6039

proteins, determ. (Sp) 53905

spherical inclusions, case report (Fr) 21300

surface ultrastructure of normal & leukemic rat lymphocytes, electron microscopy 26457

vitamin C levels 13715

***case reports***

(Rus) 9889

acute, following TABDT vaccine (Fr) 14386

acute leukosis with nasopharyngeal & tonsillar tumor in 9-year-old boy (Fr) 13083

acute polymuclear, unusual case (Fr) 54301

acute, with pernicious anemia (Ger) 15779

clin. pathol. conf. (Sp) 6180

clinically pure leukosic hepatomegaly (Fr) 53431

plasma cell leukemia following plasma cell myeloma (Ger) 37444

plasma cell leukemia, normoproteinemic (It) 42620

with anemia & lymph node tuberc. (Fr) 32204

with pleuropericardial infiltration (Fr) 32373

***complications***

cancer of genitalia in women (Ger) 11450

cancer, rarity of assoc. (Sp) 43920

enlarged kidney, intravenous urographic differentiation of enlargement caused by leukemic cell infiltration & edema & hemorrh. 12659

enlarged kidney, x-ray measurement of size 12660

gas gangrene with septicemia of intestines, case reports 52607

heart dis. 48998

hemorrh. in acute leukemia, ther., blood transfusion of fresh & preserved whole blood, comparison 43142

infiltration of colon causing massive melena 34960

leukemia with sarcomatous cells, case report & description (Sp) 53908

multiple small brain hemorrh. (Rus) 6046

pericarditis (Fr) 43751

priapism, x-ray ther. (Ger) 32641

rheum. arthritis (Rus) 45134

tuberc., review (Ger) 35796

***differential diagnosis***

eosinophilic reaction caused by cancer of lung (Sp) 43863

leukemoid reactions caused by tuberc., sepsis, carcinoma, chronic liver dis., hemolysis & other dis. 27518

malignant histocytic reticulosis (Ser) 9953

pseudo-leukemic reaction in whooping cough with palm. involvement in aged, case report (Fr) 45014

sarcomatosis, generalized (Ger) 51792

urol. masking of acute leukemia, case reports (Fr) 26684

***etiology and pathogenesis*** 7406

agranulocytosis, mechanism of spontaneous & aminopyrine-induced transform. (Ger) 11211

Christmas dis. during coumarin ther. 15052

eff. of concurrent infect. & their toxins on course of leukemia, review & case reports 35193

in 3 acute cases 48067

ionizing radiations, review 41276

possible relation between leukemia & natural radioactivity of earth (Fr) 3041

radiations 28972

radiations, epidemiol. studies & dose-response relations 14424

radiations, evaluation of data 5427

radiations, incidence in relation to dose 11917

radiations, review 1772, 9577

radiations, review (Rus) 6026

radioiodine ther. for hyperthyroidism causing acute granulocytic leukemia 43156

radiother. (Pol) 53182

radiother. of polycythemia vera 40294

relation to age, sex & blood group 33664

trauma (Pol) 30871

x-rays, determ. of potential leukemogenic factor in x-ray diag. 6460

x-ray diag. 10478

x-ray ther. of ankylosing spondylitis (Ger) 11290

***experimental***

active immun. of mice against induction of leukemia 31354

agglutinins & lysins in leukemic mouse tissue 52323

eff. of amethopterin on formate incorporation into purines in mice bearing amethopterin-susceptible & -dependent leukemia 25413

eff. of beta-tyrosine & deriv. (Rus) 8261

eff. of busulfan on neutrophil count in mice with leukemia & leukemoid reaction (Rus) 33601

eff. of ethylene-imino quinones in mice (Sp) 53335

eff. of 5-fluorouracil on L1210 leukemia in mice 48580

eff. of streptoc. superinfect. on growth of intranasally-deposited leukemia cells in mice 3899

eff. of tissue extracts (Ger) 41601

eff. of x-irradiation on leukemia implants in mice, influence of spleen & marrow shielding 5435

eff. of x-irradiation with inject. of homologous bone marrow cells on advanced spontaneous leukemia in mice (Fr) 37802

evaluation of chemother. agents in mice 5434

fraction from Ak leukemic tissues causing neoplastic & non-neoplastic lesions after inject. into mice 31415

histochem. findings in rat 13665

immunoelectrophoretic studies of serums from mice carrying two transplantable plasma cell leukemias 50863

in young rats 30021

incidence in five generations of descendants of mouse exposed to x-irradiation during pregn. (Fr) 2317

induction by Friend virus in mice, pathogen. of neoplastic process in reticulum cells 48568

induction in adult C3H mice by cell-free brain filtrates 50724

methylcholanthrene & x-ray induced in rats 30022

myelocyte mitotic activity, comparison with normal rats & eff. of urethane admin. 35155

preleukemic & early leukemic changes in thymus in mice 23947

prod. by indican solution in mice (Ger) 41750

prod. by leukemic organ extracts in newborn mice (Fr) 40842

prod. by organ extracts from leukemic patients, histopathol. in mice 1779

relation of implanted inbred-strain thymic tissue in develop. of leukemia in F1 hybrid mice 41181

spontaneous in C58 mice, comparative incidence in male & female & at high altitude, low altitude & sea level 20530

spontaneous leukemogenesis in total body-irradiated AkR mice, diminution by homologous bone marrow (Fr) 3059

transm. by bedbugs (Rus) 22690

virus etiol. of various mouse leukemias (Ger) 11918

virus-induced leukemia causing changes in phosphorus uptake by spleen in mice 29841

virus-like particles in tumor tissue of leukemic mice (Fr) 38700

x-ray induced, attempted recovery of filterable agent from affected mice 231

***heredity***

genetic resist. or susceptibility to leukemia tumor cells in poultry 13265

relation to ABO blood group 543

***immunology***

immunol. relations of a filtrable agent causing leukemia in adult mice, neutralization of infectivity by specific antiserum 50534

***in infant and child***

clin. manifest. (Pol) 7812

modern ther., causing eye disord. (Ger) 51262

ther. 42048

trigger mechanism 4235

with malignant lymphoma & Chédiak-Higashi's leukoanomaly, case report & necropsy 13674

with plasmacytosis of bone marrow & hypergammaglobulinemia, case report 20254

***in pregnancy***

ther., cytotoxic drugs & x-ray ther. 11635

with Werlhof's dis. (Rus) 6029

***manifestations***

auditory, review & case reports 55427

eye fundus (Pol) 28838

***metabolism***

barium & copper in blood & hemopoietic tissue (Rus) 6033

basal metab. & radioiodine uptake (Rus) 6037

blood pepsinogen & urinary uropepsin (Cz) 38124

eff. of glucose analogues on metab. of human leukemic cells in vitro 5432

iron, role in hemoglobin synthesis (It) 53760

nucleic acid-containing corpuscles in tissues of AkR mice (Fr) 32195

phosphatases in blood cells & bone marrow (Rus) 6043

***pathology***

bone marrow cell pinocytosis (It) 37475

brain (Rus) 28813

gastrointestinal system (Fr) 31081

protein concentration in human & mouse leukemic cells, interference microscopy technic 50571

puls., histopathol. & progn. (Fr) 31114

relation of hemorrhagic seq. of chickenpox to acute leukosis (Fr) 43977

spleen, eff. of various therapies 20944

submicroscopic structure of leukemias of known or suspected viral origin, review 13871

***physiology***

adrenal cortex funct. in various types of leukemia 35153

kidneys (Ger) 42873

prothrombin consumption & bromsulphalein test (Ger) 27197

***psychology***

personality & intellectual changes, case report 41357

vicarious object in adjustment to separation from significant person 20870

***statistics***

analysis of clin. characteristics (Ger) 38960

in Australia, mortal. 42093

in Australian hosp. 46853

in U. S., mortal. trends 8445

mortal. (Rus) 6034

mortal. in W. Germany (Ger) 49103

survival of chronic patients of myeloid & lymphatic leukemia (It) 39683

***therapy***

26629

36874

acute 31583

ACTH & cortisone, with chemother. (Por) 3704

amethopterin with 6-mercaptopurine, comparison of different regimens 25925

busulfan (Rus) 20300

chemother. 11916

18653

chemother. & radiother. 5453

15926

chemother. of acute leukemia, limitations 710

chemother. studies, screening of new cpds. on mice 2710

chloroethylamine, urethane & other cpds., statist. (Bul) 16406

Coley toxin, clin. & exper. evaluation (Ger) 51835

cortisone, massive doses (Sp) 53338

cytotoxic drugs (Ger) 46112

desacetyl-N-methylcolchicine (Ger) 41926

desacetylmethylcolchicine, review & case reports (It) 37751

6-mercaptopurine, prolonged admin. causing toxic hepatitis 37228

post-ther. anuria & uremia 12331

radiogold intravenous, comparison with conventional roentgenother. in chronic leukemia 35466

radiophosphorus (Rus) 10803

radiophosphorus & x-ray (It) 29681

radiophosphorus & x-ray, eff. on prothrombin level (Rus) 22617

radio-phosphorus, indic., dos. & results (Sp) 44422

resist. leukemia, value in detection of chemother. activity (Sp) 53339

review 29259

review (Fr) 44701

steroids & 6-mercaptopurine (Rus) 6031

***urine in***

isolation of polypeptide substance which promotes acid solubility of nucleic acids 2694

uric acid, massive excretion causing compl. in ther. of leukemia 51327

## LEUKEMIA, ALEUKEMIC

***immunology***

acute aleukemic monocytic, demonstration of circulating blocking leukocyte antibody in transfused patient (Ger) 1791

***therapy***

prednisolone (Ger) 55436

x-ray ther. (Rus) 6045

## LEUKEMIA, LYMPHATIC

diag. & pathol. (Dut) 13688

***blood in***

lymphocyte sensitivity to toxic agents, slide-chamber method for determ. 11767

macroglobulinemia of Waldenström, (Ger) 6670

***case reports***

benign lymphadenosis of orbit, epibulbar region & eyelids with glaucoma, case report (Pol) 38846

chronic (It) 3641

medullary (Ger) 42270

with epithelial cancer of stomach & serum protein disord. (Fr) 36662

with gastric lymphosarcoma (Fr) 36681

with gastroduodenal lymphosarcoma, clin. & x-ray aspects (Fr) 18003

with hepatomegaly & lower abdom. manifest., unusual case (Fr) 6315

***complications***

agammaglobulinemia, relation to infect. dis. compl. (Fr) 39143

agammaglobulinemia with infect. (Fr) 32206

anemia, determ. of hemolytic rates & erythropoiesis 19871

herpes zoster, gangrenous, with generalized varicella-like rash (It) 25710

herpes zoster, generalized, case reports (It) 39693

histamine-resist. achylia (Pol) 38104

hyperglobulinemic nonthrombopenic purpura (Hun) 30173

hypogammaglobulinemia 24437

lymphoblastic infiltration of bronchi, larynx & trachea (Rus) 55237

***etiology and pathogenesis***

eff. of thymic lymphocytosis-stimulating factor on pathogen. 13227

***experimental***

comparison of induction of myeloid & lymphoid leukemias in x-radiated RF mice 2681

dissemination & quantitative transpl. of leukemia in mice 26000

lymphoid leukosis incidence in x-irradiated mice protected by chem. agents (Fr) 26740

***immunology***

antigenic composition of lymphatic tissue (It) 1957

three Rh autohemagglutinins in 14319

***in infant and child***

in remission with disord. of CNS, clin. pathol. conf. 5717

ther., adrenal cortex hormones, mercaptopurine & aminopterine, comparative eff. on course of dis., classif. & statist. (Fr) 30459

***in pregnancy***

maternal leukemia with leukemia in inf. 9 months after birth, case report 19844

***manifestations***

adhesive mediastinopericarditis as initial clin. manifest. (It) 42587

monocular proptosis as initial sympt. 43171

pericarditis as early sign of mediastinal localization (It) 42673

***pathology***

bone involvement, case report (Fr) 9228

brain (Ger) 25818

lymphoblastic infiltration of myocardium, ECG aspects (Fr) 7053

skin blood vessels (Ger) 3208

***therapy***

benzene (Fr) 32193

cortisone, combined with chlorambucil & blood transfusions (Fr) 50773

drug ther., limitations 41443

in adults, review (Fr) 33428

radiother., clin. & statist. aspects (It) 53713

slowly progressing forms (Rus) 6036

## LEUKEMIA, MONOCYTIC

***blood in***

leukemoid reaction in aleukemic monocytic leukemia (Ger) 51698

***case reports***

with lung cancer, clin. pathol. conf. 30106

***etiology and pathogenesis***

cystopyelitis with bilateral renal lithiasis, fever & neutrophil hyperleukocytosis (It) 3872

radiations, clin. pathol. conf. 560

***immunology***

antigenic composition of lymphatic tissue (It) 1957

***in infant and child***

chronic, case reports 5704

***LEUKEMIA, MYELOBLASTIC*** see LEUKEMIA, MYELOCYTIC

## LEUKEMIA, MYELOCYTIC

***blood in***

desoxyribonucleic acid & histonic protein in lymphocytes of peripheral blood (It) 13986

erythroblasts, nuclear content of desoxyribonucleic acid & histone (It) 44166

immediate eff. of 3,3',5-triiodothyroacetic acid on oxygen consumption of leukocytes in vitro 41839

leukocytes, nuclear content of histone & desoxyribonucleic acid (It) 52079

thrombo-dynamographic disord. (Fr) 32192

***case reports***

(Nor) 43240

fatal paramyeloblastic leukemia caused by benzene hexachloride 11964

hemorrhagic & thrombopenic myelosis in lung cancer (Fr) 6316

unusual case (Ger) 27445

with Albright dis. (Sp) 53930

with Christmas dis. & increased fibrinolysis (It) 39770

***complications***

histamine-resist. achylia (Pol) 38104

immature cell leukemia with spleen rupt. (Ger) 19001

***differential diagnosis***

leukosarcoma (Fr) 54084

***experimental***

comparison of induction of myeloid & lymphoid leukemias in x-radiated RF mice 2681

***in infant and child***

atypical clin. & hematol. manifest. in chronic myeloid leukemia (Fr) 30462

case report (Por) 4366

congen. reticulomyelosis in premature inf. (Fr) 30451

***metabolism***

quinolinic acid norm. from 3-hydroxyanthranilic acid in rat liver homogenate carrying Oberling's myeloma in leukemic phase, eff. of coenzyme I 15016

***pathology***

skin blood vessels (Ger) 3208

***physiology***

spontaneous lactation (Ger) 384

***therapy***

benzene in myeloid leukemia (Fr) 32193

busulfan (Rus) 6033

6034

6035

busulfan (Sp) 31035

busulfan (Tur) 22379

busulfan & 6-mercaptopurine, prolonged remission (Rus) 20298

5-(β-chloroethyl)amino-4-methyluracil (Rus) 45133

55330

clin. evaluation of chemother. agents 25993

in adults, review (Fr) 33428

triethylene melamine, statist. 10845

## LEUKOCYTE COUNT

eff. of conditioned & complex reflex food stimulation (Rus) 37174

eff. of dent. pulp granuloma & tonsil extracts (Ger) 51805

eff. of external inhib. in dogs (Rus) 52955

eff. of food (Rus) 1743

eff. of gastric intubation (Cz) 9492

eff. of gastric intubation & influence of tetracaine admin. (Cz) 9493

eff. of inject. of lipopolysaccharides of Salmonella endotoxins in horses (Ger) 34229

eff. of stomach mechano-stimulation in normal cond. & gastric pathol. (Rus) 7800

eff. of subcutaneous emphysema as prolonged skin stimulus in rabbits (Ger) 27448

eff. of thoracotomy 11799

granulocyte count in bone marrow & in blood, method & correlation of results 17067

in blood from heart of normal & castrated rats under stress 35114

in blood stains on various types of paper, epitranscopy (It) 42711

in Indians of Assam, average standards & seasonal variations 5179

leukopenia (Por) 8663

leukopenia after x-ray ther., prev. by blood transfusion (Rus) 51769

leukopenia & leukocytosis in infect., dis., mitosis of nucleated cells in bone marrow 10390

leukopenia caused by mechlorethamine -N-oxide, in rats, protective eff. of sulfhydryl cpds. of nucleic acids & deriv. (Fr) 48934

leukopenia caused by radiother., ther. (It) 27765

leukopenia caused by radiother. tissue ther. (Rus) 10833

leukopenia, eff. of 5-hydroxymethyl-4-methyluracil & thesane in radiocobalt irradiated animals (Rus) 7787

leukopenias, immune, pathogen. & clin. manifest. 10280

leukopenia, immunol. (Tur) 55094

leukopenia in infect. dis., diphasis of mitosis of nucleated cells in bone marrow 22256

leukopenia in pigs after vacc. with hog cholera virus, prov. by inject. of Hemophilus pertussis bacterin 12749

leukopenia induced by chlorpromazine in rats & mice (Ger) 333

leukopenia induced by nitrogen mustard, eff. on Shwartzman phenomenon in rabbits 5007

leukopenia induced by x-ray ther., eff. of 5-hydroxymethyl-4-methyluracil (Rus) 6640

leukopenic index, diag. value in cold allergy (Cs) 14774

method of prep. & separation into polymorphs, lymphocytes & monocytes 36993

morphol. aspects (Dan) 45506

relation to blood histamine levels during musc. work in man 44895

simplified procedure for rapid determ. of total leukocyte count 42139

***effect of drugs on***

alkylsulfonates on count in rats (It) 1936

caffeic acid & ferulic acid on differential count in guinea pigs 36578

cortisone on basophil count & on total leukocyte count in rabbits 35084

fludrocortisone on monkeys, oral admin. (Fr) 3081

penicillin, prolonged admin. in animals (Rus) 48039

pyridine-2-aldoxime methyl methanesulfonate daily oral doses in rabbits 11534

somatotropin & cortisone in hypophysectomized rats, changes after withdrawal 735

***effect of radiations on***

radio-cobalt telether. of cancer 13130

radiocobalt telether. of cancer (It) 27752

x-rays in rabbits, relation to dos. 35458

***in pregnancy***

daily rhythmic variations (Cs) 9486

***in various diseases***

erythroblastosis, fetal (Ger) 34595

gastritis, exper. (Rus) 1744

inflamm. dis. & liver dis., relation to blood proteins, review (Ger) 39898

uremia 38033

vaccinia in calves (Ger) 55486

## LEUKOCYTES

***see also*** BASOPHILS

***see also*** EOSINOPHILS

***see also*** LYMPHOCYTES

***see also*** MONOCYTES

***see also*** PHAGOCYTOSIS

Alder's granulation anomaly, 1st case (Ger) 21625

Alder's granulation anomaly, histochem. of leukoblasts & leukocytes (Ger) 21626

Alder's granulation anomaly, incomplete form (Ger) 21628

Alder's granulation anomaly, relation to lipochondrodystrophy caused by discord. of polysaccharide metab. (Fr) 21627

antigenic structure 55347

anti-leukocyte antibodies, review (Cs) 2730

antileukocyte heteroimmune guinea pig serum with species-specific activity, study by complement fixation reaction (It) 9354

antileukocyte immun. induced by repeated inject. of same blood (Fr) 54303

atypical leukocytes or virocytes in peripheral blood in infect. mononucleosis (It) 14521

binucleate cell form. in vitro. (Ger) 15778

blood group antigens in leukocytes, determ., method 36992

catheresis, relation to osmotic resist. of leukocytes in principal circ. areas 35188

Chediak-Higashi's leuko-anomaly (Ger) 21629

Chediak-Higashi's leuko-anomaly in malignant lymphoma with leukemic manifest. in child, case report & necropsy 13674

Chediak-Higashi's leuko-anomaly, peroxidase activity in (Hp) 46783

complete & incomplete leukocyte antibodies, incidence & significance 10961

cu. cx exper. hypoxia in guinea pigs (Ger) 46701

eff. of preinject. of homologous leukocytes on homotransfer of lymph node cells in rabbits 47569

familial hypersegmentation of neutrophil nuclei (Ger) 21630

fetomaternal leukocyte incompatibility 40692

form., radioautography 44115

granulocyte nuclei, develop. of drumsticks, determ. by blood & sternal marrow smears (Ger) 389

granulocyte separation from lymphocytes, practical method 50736

group-specificity & antigenic properties (Rus) 8364

in immature human placenta 20081

in promunity reactions (Ger) 23192

in vitro leukocytolysis an antigen-antibody reaction (Ger) 4259

inclusion bodies in circulating neutrophils in canine distemper 48983

inhib. of lipoprotein lipase by various human leukocyte prep. 17594

isolation from peripheral blood, method 32867

isolation of leukocytes, method 35665

isolation of polymorphonuclear leukocytes from intraperitoneal exudates, method 25930

isolation of viable leukocytes from peripheral blood, method 1786

labeling in vitro of human blood leukocytes with radiogold (Fr) 26748

leukemoid reaction in cancer of stomach, miliary tuberc. & aleukemic monocytic leukemia, case reports (Ger) 51698

leukergy in pregn., labor & puerperium (Pol) 39627

leukergy in rheum. fever, case reports (Pol) 7816

leukocyte suspension ther. of agranulocytosis (Rus) 45146

leukogram in acute appendicitis in child. (Pol) 30398

leukopathies (Por) 8863

lysate, complement-fixing reactants against it in sera of patients with disseminated lupus erythematosus, correlation with L. E. phenomena & clin. status 17575

metamorphosis of phagocytosis by leukocytes (Ger) 23641

microelectrophoresis (Pol) 30901

myelocyte maturation to segmented neutrophil in vitro (Ger) 15777

neutrophil cells, pyknotic autolysis, behavior of sulfhydryl proteins (It) 27764

neutrophils, sex chromatin variations in peripheral blood in pregn. women (Pol) 30384

neutrophil sexing in natural & artif. blood chimeras 3063

neutrophilic granulocyte develop. study by high resolution radioautography with tritiated thymidine in dogs 20758

nuclear sex of leukocytes (Ger) 19312

oscillation of intraleukocytic granules as criterion of survival of leukocyte & of potency of cytotoxic agents 51033

Pelger-Huet anomaly, familial cases (It) 2497

Pelger-Huet anomaly in 3 families & application to determ. of disappearance of transfused neutrophils from peripheral blood 48058

Pelger-Huet anomaly, review 48058

Pelger-Huet anomaly with reticulum cell sarcoma in member of family afflicted with Pelger-Huet anomaly & diabetes mellitus (Ger) 48066

Pelger's nuclear anomaly, determ. of sex by cell nucleus morphol. (Ger) 1787

Pelger's nuclear anomaly, familial, case reports (Bul) 32801

Pelger's nuclear anomaly, incidence in Tyrol (Ger) 21633

Pelger's nuclear anomaly, incidence in W. Germany (Ger) 21632

Pelger's nuclear anomaly, solitary case (Ger) 21631

plasma cells in arterial lesions in periarteritis nodosa as evidence of allergic origin of dis. 5623

plasma cell infiltration of hypoplastic bone marrow, case reports 4880

plasma cell reaction in host as indic. of immunol. changes during tumor develop., exper. in rats 29877

plasma cells, relation to γ-globulins in marine fish 20793

plasmacyte count in lymphatic system of young guinea pigs 23948

plasmacytes, form. in lymphatic tissue of rats, review (Ger) 37022

plasmacytes, funct. in nucleoprotein metab. 25033-A

plasmacyte levels in tonsils (Pol) 30307

plasmacytes, relation to antibody form., exper. in guinea pigs (It) 43465

plasmacytosis, medullary with primary systematized amyloidosis, case report (Fr) 37855

redistribution of accumulated leukocytes in non-inflamed lungs, postmortem findings (Rus) 33275

separation from blood cell mixture after centrifugation, technic (Fr) 10957

separation from human blood, technic 52345

sex chromatin in leukocytes of normal peripheral blood of young adults 507

sex chromatin in polymorphonuclear leukocytes (Ger) 43368

sex chromatin in polymorphonuclear neutrophils of enriched blood smears 40677

sex corpuscles of leukocytes, determinism (Fr) 48875

toxic eff. of vaccinia virus on leukocytes in vitro 40900

***anatomy and histology***

electron microscopy of centriole, Golgi's bodies & aster of leukocytes (Fr) 21302

fibrocytic transformation of centrifuged rabbit leukocytes (Ger) 30266

granuloblast mitosis in vitro, phase contrast microscopy (Ger) 15776

neutrophil morphol., nuclear sex chromatin patterns 1785

neutrophil staining by Baker reaction, eff. of various factors (Fr) 38745

nuclear figures in neutrophils from dogs (It) 27756

nuclear morphol. of polymorphonuclear leukocytes in relation to sex (It) 7729

sexual variation in nuclear morphol. of neutrophil granulocytes in monkeys (Fr) 26918

***effect of drugs on***

aspecific immunostimulating substances combined with tetracycline on osmotic resist. in rats (It) 1930

aspecific immunostimulating substances on osmotic resist. in rats (It) 1932

combined chemother. on leukocytes funct. in tuberc. rabbits (Jap) 18175

eff. of polymyxin B on leukotactic eff. of bact. endotoxins (Ger) 30607

endotoxin on migration in culture, role of lipid & polysaccharide components (Ger) 3472

heterologous bone marrow extracts on leukocytes of rats 23963

isoniazid on leukocyte resist. in guinea pigs (It) 42631

pyrexal on osmotic & mechanical resist. in normal subjects (Ger) 21612

radiophosphorus in ther. of polycythemia vera 52140

various pharmacodynamic agents on leukocyte motility & phagocytic power in exper. silicotic granuloma (Fr) 21394

***effect of radiations on***

degen. in man & mice (Ger) 9978

x-irradiation on granulocyte synthesis in rabbits 8533

x-rays from modern dental x-ray unit in rat 16530

x-ray ther. of Hodgkin's dis. (It) 31655

***in various diseases***

intestinal obstruct., leukocyte changes following exposure to strangulation obstruct. fluid 47286

reaction of specific globulin in disseminated lupus erythematosus blood with nuclei of leukocytes 37696

rheum. fever, leukocyte test after massage of tonsil site in tonsillectomized patients, comparison with antistreptolysin O titer test (It) 44379

tuberc., pulm., cytochem. & cytomorphol. (It) 42684

***metabolism***

alkaline phosphatase in normal & pathol. conditions, determ. by modified azo-dye cytochem. technic 26029

alkaline phosphatase of mature neutrophils in myeloproliferative synd. 12271

alkaline phosphatase test in myeloproliferative dis., diag. value 12272

cystine & lysine incorporation by normal & cystinuric leukocytes 44119

during phagocytosis (Ger) 49928

eff. of carbon dioxide on polymorphonuclear neutrophil leukocytes (It) 1958

formate & glycine incorporation, inhib. by normal human serum 20788

glucose utilization in diabetes mellitus (Cs) 48635

histamine release in vitro from leukocytes of allergic persons 4394

histochem. demonstration of enzymes in epitheloid cells cultivated in vitro (Ger) 45794

implications in health & dis., review 55363

in cancer (Ger) 23072

nucleic acid determ. in human leukocytes (Ger) 27849

nucleic acid hydrolysis by prolonged treatment with alkaline lead acetate (Fr) 24903

nucleic acids, phospholipids & phosphoproteins in healthy & leukemic blood (Rus) 13853

resp. & glycolysis, rates, formulae (Rus) 48040

zinc content in relation to cell immaturity in leukosis & myelosis (It) 1918

***physiology***

antiglobulin consumption in idiopathic pancytopenias (Fr) 10980

chromoresist. in vitro in saline solutions (It) 8045

emigration into uterus after estrogen treatment, mechanism 5651

interaction of dead leukocytic nuclei, L. E. factor & living leukocytes in L. E. cell phenomenon 1775

leukocyte reaction after intravenous admin. of various agents, CNS regulation in rabbits (Ger) 46119

mechanical resist. of leukocytes in bone marrow aplasia 230

migration & chemotaxis in tissue cultures induced by lipopolysaccharides of Proteus vulgaris (Ger) 29888

migration & funct. (Ger) 46024

migration, comparison of eff. of gram-positive & gram-negative bact. (Ger) 39232

migration in gastrointestinal tract, eff. of amobarbital (Rus) 49428

migration in mouth, eff. of PAS & streptomycin (Rus) 36407

motility, eff. of diphtherial toxin (Pol) 29503

osmotic resist. in exper. inhibitory hypersplenism (It) 32599

osmotic resist. in exper. leukopenia caused by heterologous anti-leukocytic immune serum (It) 32111

osmotic resist. in various stages of normal & pathol. pregn. (It) 20909

osmotic resist. of samples taken from different body areas in rabbits 37331

osmotic resist. relation to leukocytal peroxidases, exper. in rats (It) 14014

osmotic resist. relation to phagocytic power, exper. in rats (It) 14015

passive transfer of delayed tuberculin sensitivity, eff. of specific desensitization 931

**LEUKOCYTOSIS**

digestion leukocytosis (Ger) 42373

diphasis of mitosis of nucleated cells in bone marrow in leukocytosis in infect. dis. 23256

in infect. dis., mitosis of nucleated cells in bone marrow 10390

***case reports***

neutrophil, with histocytic leukemia following cystopyelitis caused by renal lithiasis (It) 3872

***etiology and pathogenesis***

meningitis, purulent, extramedullary origin (Sp) 31166

***experimental***

induction by magnesium-defic. diet in rats 31429

**LEUKOPLAKIA**

etiol., diag. & ther. (Ger) 42382

urethral, malignant degen. 24110

***case reports***

familial bucco-genital papillomatous leukoplakia (Fr) 37856

***metabolism***

vulva, glycogen content of epidermis, histochem. 46994

***therapy***

testosterone propionate in vulvar leukoplakia, topical admin. 12390

vitamin A, local admin. 11583

**LEUKORRHEA**

diag. & ther. 50991

eff. of puberty on etiol. & ther. in girls (Fr) 15169

etiol. & management in young girls (Fr) 38776

etiol., diag. & ther. 54439

microbiol., diag. & ther. (It) 44831

***etiology and pathogenesis***

(Sp) 8948

***in infant and child***

etiol. & ther. (Fr) 25499

***microbiology***

eff. of m-cresolsulfonic acid (Ger) 23215

***therapy***

(Ger) 42315

chlorquinaldol (Sw) 54829

chlorquinaldol in bact. infect., clin. & bacteriol. culture analysis, statist. (Ger) 6663

detergents (Dut) 37040

hydrocortisone (Ger) 42359

neomycin with phthalylsulfathiazole, boric acid & lactic acid (Ger) 18954

sulfisomezole-bepanthen powder in inflamm. leukorrhea (Ger) 11463

**LEUKOSARCOMA**

***see also*** **LEUKEMIA**

***case reports***

breast (Fr) 15179

***differential diagnosis***

myelocytic leukemia (Fr) 54054

***in infant and child***

orbit 41033

orbit, clin. & postmortem pathol. 38408

***in pregnancy***

chloroma, 1st case report (Pol) 20189

***manifestations***

auto-immune hemolytic anemia, in chloroma (It) 53588

***pathology***

histopathol. of chloromatosis, case report (It) 21450

***LEVALLORPHAN see*** **MORPHINE, *antagonists***

***LEVANSUCRASE see*** **TRANSFERASES**

***LEVORPHAN see*** **MORPHINE, *related compounds***

***LEVULOSE see*** **FRUCTOSE**

***LIBMAN-SACKS DISEASE see*** **LUPUS ERYTHEMATOSUS, DISSEMINATED**

**LIBRARIES**

hosp. librarian's role in reading guidance for handicapped 49951

hosp. libraries, qualifications & duties of volunteers 16202

hosp. patient library serv. containing books in foreign languages 40014

**LIBRARIES, MEDICAL**

changing patterns of med. librarianship 6972

contribution of Calixte Cavalier (Fr) 19365

contribution to med. progr. 48379

Hemerobiblioteca del Departamento de Fisiología de la Facultad de Medicina, Mexico (Sp) 39443

in Yugosl. 48385

med. center library 14353

med. center library, administrative problems 14350

med. center library, dent. research in 14349

med. center library, planning for staff & serv. 14351

private libraries of physician (Fr) 8333

relation to med. hist. 22482

***history***

l'École de Médecine de Montpellier (Fr) 19366

***LICE see*** **PEDICULI**

**LICENSURE, MEDICAL**

General Council of Med. Educ. & Registration of United Kingdom, centenary 25037

29006

in U. S., problems of med. licensure boards 3583

licensing test for phys. therapists 20336

proposed 4th year of train. for certification in otolaryngol. 11719

18476

**LICHEN**

lichenoid eruptions following contact dermatitis 11550

sclerosus et atrophicus (Ger) 36435

39793

***pathology***

nerve fiber changes in lichen sclerosus et atrophicus (Ger) 27119

sclerosus, histopathol. (Ger) 3226

***therapy***

ruber, various methods (Ger) 3206

**LICHEN NITIDUS**

***in infant and child***

disseminated, in 9-year-old boy (It) 8589

***epidemiology***

in Japan (Fr) 37866

**LICHEN PLANUS**

possible viral etiol. & tetracycline ther. (Hun) 48073

***manifestations***

ruber, oral manifest. (Dan) 33387

***pathology***

cutaneous autonomic NS in lichen ruber planus, comparison with scleroderma (Ger) 46655

***therapy***

chloroquine 23703

diphenmethanil (Fr) 2423

prednisone tert-butyl acetate in hypertrophic lichen planus, vibra-puncture technic 11575

vitamin D2 (Fr) 37890

**LICORICE**

***effects***

glycyrrhetinic acid & its deriv., eff. on exper. inflamm. 17952

glycyrrhetinic acid, eff. on histol. & funct. of adrenal cortex in rats 24822

glycyrrhetinic acid, pharmacol. 29610

glycyrrhizin inhib. of pituitary-adrenal stress responses in rats 5000

monoammonium glycyrrhizinate on adrenal cortex of rats on sodium-defic. diet 24845

potassium glycyrrhizinate, anticoagulant eff. in rabbits (Ger) 34006

***therapeutic use***

constipation & diarrhea due to amebiasis (Fr) 51511

extract-azulene prep. in gastritis (Ger) 7107

fluid extracts in eye dis. 2847

glycyrrhetinic acid in skin dis. 23702

glycyrrhetinic acid ther. of inflamm. skin dis., comparison with hydrocortisone 37554

**LIDOCAINE**

(Han) 51429

***anesthesia and analgesia***

as substitute for procaine in procaine sensitivity 36236

comparison with N-methylpipecolic acid 2,6-xylidide, eff. on cornea after retrobulbar inject. (Dan) 30215

in operative dentistry, evaluation 52851

neuromusc. nerve block 9809

pudendal block in expulsion period of labor (Ger) 42271

***effects***

bronchial inhalation on resp. musc. during asthma attacks, electromyography (Ger) 12195

on blood pressure & pulse rate alone & with epinephrine in dent. patients 4412

on kidneys in man & dog 13483

***injurious effects***

psychic disturbances, case report 2041

***related compounds***

pharmacol. (Rus) 33186

***therapeutic use***

status epilepticus & serial epilepsy, intravenous admin. 41793

**LIFE**

as object of chem. research (Ger) 42397

childhood & adolescence as optimal time of life in writings of Hermann Hesse (Ger) 33555

life experience, relation to personality characteristic & susceptibility to dis. 8424

origin of life (It) 20998

prospects of atomic era (Fr) 37771

relation of life experiences to dis. 36254

stress in modern & past ways of life, comparison 3784

vertebrate metamorphosis 44947

**LIFE EXPECTANCY**

***see also*** **AGING**

biol., med. & socioecon. factors & eff. of population changes 39581

eff. of edathamil on life span of x-irradiated female hymenoptera Habrobracon 19553

eff. of pantothenic acid on longevity of mice 44095

eff. of pulm. tuberc. (Fr) 29360

longevity of thoroughbred stallions 50580

non-genetic sib resemblance in regard to life span in mice, causes 27560

prolongation of median life span in Italians (It) 39660

reasons for longevity of Charles W. Thiery, centenarian 43157

relation of longevity to obesity from high-fat diets, review 20043

***LIFE INSURANCE see*** **INSURANCE**

**LIGAMENTS**

***see also*** **PELVIC SUPPORTING STRUCTURES**

***anatomy and histology***

encapsulated nerve endings in joint capsules & in periarticular tissue 23548

***pathology***

in hemophilia, ...romocplastin inhibitor & plasminogen activator in capsular tissue 27100

**LIGHT**

***see also*** **ILLUMINATION**

***see also*** **LUMINESCENCE**

***see also*** **PHOTOTHERAPY**

***see also*** **SUNLIGHT**

appar. for prod. of modulated light for visual stimulation in electrophysiol. 30652

light sense, normal curves under various testing cond. using Goldmann-Weekers adaptometer (Ger) 20129

luminosity curves of normal & dichromatic subjects, comparison 21664

measurement 28008

photoreception of snail Limnaea stagnalis, determ. by skioptic reaction method (Fr) 26945

***effects***

activation of pigmented neurons from gastropod Aplysia (Fr) 25518

artif. light on prod. of male sperm antagglutin in rabbit semen 49476

asynchronous photic stimulation, eff. on EEG in dogs (Rus) 23263

continuous light on neurosecretory activity in rats 49256

cortical responses to diffuse & punctiform photic stimulation in cat 5517

cortical response to photic stimulation (Fr) 54094

cortical response to photic stimuli, eff. of frequency of stimulation (Fr) 54096

dependence of nest construction rhythm on light cycle & eff. of permanent illumination in white rats (Ger) 53079

direct reaction of tailfin-melanophores of Xenopus tadpoles to light 46683

duration & intensity on develop. of toad larvae 308

flash-illumination on rhodopsin in solution 11688

glare on eyes 666

illuminance quantity on ocular accomm. 28003

intermittent illumination on visual acuity 5588

intermittent luminous stimulation in activation of EEG, with admin. of 4,4-stibylmethylglutaramide (It) 29637

light stimulation in psychogalvanic reflex audiometry in child. (Ger) 36445

on calcium absorp. & excretion in submerged aquatic plants 4811

on carotenoids, various spectral composition & intensity (Rus) 47987

on chem. & enzymatic reduction of triphenyltetrazolium chloride (Ger) 7978

on Drosophila melanogaster, reaction of various wild strains (Fr) 38759

on reduced glutathione in retinal homogenates 47067

on reproductive physiol. in male rats 52455

on 24 hour periodicity of audiogenic seizures in mice 9570

on uterotubal insufflation 49506

photic activation of EEG in epilepsy & ment. disord., with pentylenetetrazole (It) 9394

photic stimuli on cerebral cortex in pigeons, sites of reaction (Rus) 23270

photodynamic eff. on biol. objects in presence of stain (Rus) 25909

photoperiodicity in adrenocortical-pituitary funct. in rats (Rus) 13865

photosensitivity of phenothiazine deriv. 16712

photostimulation of brain tumor patients, neurol. response, correlation with EEG (Cz) 2779

phototaxis in blindfish (Ger) 39242

phototaxis of Drosophila melanogaster, heritability 50481

polarized light on zygotes of algae, tropistic responses 27396

rhythmic cortical post-discharge as response to photic stimuli (Fr) 54095

sensitivity of flatworm Dendrocoelum lacteum 17970

***injurious effects***

photodermatitis, differ. diag. from lupus erythematosus (Ger) 16091

photodermatitis, pathogen. & ther. 49987

photodermatosis, severe hemorrh., in 7-year old Korean girl, ther., artif. hibernation (Ger) 13087

phototraum. macular edema of retina, case report (Fr) 18617

polymorphous eruptions, determ. of δ-aminolevulinic acid in urine 41004

skin eruptions, ther., chloroquine-hydroxychloroquine-quinacrine prep. 14404

***LIGHTING*** ***see*** **ILLUMINATION**

**LIGHTNING**

***injurious effects***

case reports (Bul) 32788

facial paralysis (Dan) 43214

lightning stroke causing auric. fibrillation & epidural hematoma 30109

**LIGNIN**

in angiosperm & in gymnosperm plants, chem. aspects (Fr) 48809

***metabolism***

digesta of sheep alimentary tract 37589

form. of side chain of lignin monomer in various plants 14606

precursor role of p-hydroxyphenylpyruvic acid in plants 48443

***LIMB, ARTIFICIAL*** ***see*** **ARTIFICIAL LIMB**

***LIMBS*** ***see*** **EXTREMITIES**

***LINDANE*** ***see*** **BENZENE HEXACHLORIDE**

***LINGUAL BONE*** ***see*** **HYOID BONE**

***LINITIS PLASTICA*** ***see*** **STOMACH NEOPLASMS**

**LINOLEIC ACID**

***see also*** **VITAMIN F**

***deficiency***

clin. manifest. in inf. 50965

***effects***

dietary linoleic acid on composition of cholesterol ester fatty acid, comparison with ethyl esters of oleic acid & high-carbohydrate fat-free diet 20766

on caloric intake in inf. nutrition 50964

on exudative diathesis & encephalomalacia of vitamin E defic. in chicks 19525

***metabolism***

autoxidation, catalytic eff. of cortisone-like cpds. in vitro (Ger) 3471

half-life in rats (Ger) 49924

requirements of inf. in relation to blood levels of unsaturated fatty acids 41228

substrate for lipoxidase from soy bean 25423

***therapeutic use***

diets containing large amounts of linoleic acid 24391

**LIPASES**

clearing eff. of gastric mucin in dietary hyperlipemia in angina pectoris, plasma turbidity & ECG changes 2891

clearing eff. of gastric mucin in normal & arteriosclerotic subjects 2890

eff. of chloramphenicol, peroral admin., in inf. (Ger) 12065

heparinoid clearing factor in rabbits (Ger) 49342

in adrenal cortex in various systemic dis. (It) 9315

in aorta in various animals (Cz) 48628

in blood & lymph, eff. of ligation of pancreatic ducts on activities in dogs (Ger) 24017

in blood & lymph, eff. of ligation of pancreatic duct on activity in dogs (Hun) 29180

in fat body of desert locust, histochem. determ. 52457

in hog pancreas, purification (Fr) 13837

in housefly, activity in various stages of develop. 13393

in insect flight musc. 3455

in kidneys during exper. hydronephrosis (It) 36782

in lung tissue (It) 21448

in oil-bearing plant seeds (Rus) 1735

in various pathol. cond. in rat (It) 9318

lipoprotein lipase, eff. of adenylpyrophosphate ther. of senile heart (It) 19165

lipoprotein lipase extraction from isolated perfused rabbit heart, eff. of various cpds. (It) 1894

of pancreas, actions on esters in emulsions (Fr) 47941

of pancreas, specificity of action 24386

of pancreas, specificity of actions on stereoisomeric triglycerides 47697

***determination***

in duodenal fluid of inf., technic of duodenal intubation & prev. of errors (Fr) 54452

***effects***

demyelinating eff. & lipolytic mechanisms in etiol. of allergic meningoencephalomyelitis 17800

lipoprotein lipase, inhib. by various human leukocyte & platelet prep. 17594

pancreatic lipase on rhodopsin 17328

phosphatidase A in bee & snake venoms, protective eff. against bact. exotoxins in mice 29836

***in blood***

eff. of cholecystectomy (It) 13511

in pulm. tuberc., Seabra index, clin. value & correlation with erythrocyte sedimentation (Por) 8790

increase after induction of exper. pancreatitis in dogs 1239

lipoprotein lipase activities in comparison of eff. of different methods of admin. of heparin 24817

lipoprotein lipase activity in nephrotic synd. (It) 14020

lipoprotein lipase determ., method (Pol) 53163

lipoprotein lipase, eff. of ingestion of animal & vegetable fat 4678

lipoprotein lipase, eff. of intravenous inject. of alkaline polyphosphates in rabbits (Fr) 37843

lipoprotein lipase, endogenous activity in humans 16818

lipoprotein lipase in clearing of blood for photometric measurement of blood volume (Fr) 24783

lipoprotein lipase inactivation during triglyceride lipolysis in humans 31446

lipoprotein lipase, measurements & utilization of heparin in prod. 14609

lipoprotein lipase, properties (Cz) 21550

lipoprotein lipase response to Laennec's cirrhosis 44111

lipoprotein lipase, review (It) 31679

lipoprotein lipase, study by blood protein binding by Congo red 31791

prod. by heparin inject. into rabbits 53699

tributyrinase, eff. of exper. occlusive jaundice in rabbits (It) 13512

tributyrinase in silicosis & silicotuberc. (It) 39360

***LIPIDOSIS*** ***see*** **LIPOIDOSIS**

**LIPIDS**

***see also*** **CEREBROSIDES**

***see also*** **FATS**

***see also*** **LIPOPROTEINS**

***see also*** **OILS**

***see also*** **PHOSPHOLIPIDS**

***see also*** **STEROIDS**

chem. composition of human epidermal lipids 50651

crystalline, staining (Ger) 55475

determ. of polyunsaturated fatty acids in lipid components of tissues, ultraviolet spectroscopy 24379

fish lipids, nutritional value 8270

in neurosecretory substance of hypothalamo-hypophyseal system in frog 34410

in placentas of normal & diabetic mothers 23829

in tissue thromboplastin, chem. constitution & possible responsibility for coagulant action of thromboplastin (Ger) 49891

lipid haptens of human epidermoid carcinoma grown in rats 38063

lipid hapten of rat lymphosarcoma, chromatographic behavior & dependence of in vitro measurements on lipid interactions 38061

sudanophilic lipid in sections of Egyptian mummified tissue 52431

***determination***

extraction from serum & tissue, method (Ger) 34003

fixation, eff. on lipid histochem. 17382

glycolipids, review 6756

histochem. methods (Rus) 25751

25752

ringed appearance of lipid spheres under phase contrast microscope 7240

strandin analysis by three-phase countercurrent distribution technic 40489

***effects***

bact. lipopolysaccharides, on metab. in nerve tissue (Ger) 34005

diencephalic lipid extracts on spleen histol. in rat, review (Ger) 23817

dietary acetylated monostearate of glycerine in induction of lipogranuloma in rats, review 20027

inhib. of anaphylactic shock in guinea pigs 3479

lipid extracts of menstrual fluid & endometrial curettings on musc. contraction 20617

lipid from M. tuberc., on antibody prod. & skin reaction to ovalbumin & horse serum albumin, in guinea pigs 5616

lipid substance extracted from liver causing inhib. of dehydration of vitamin A1 in vitro (Fr) 48853

lipoid activators of blood coagulation (Ger) 10337

lipid activators of blood coagulation, comparison with synthetic cephalins & spingosines (Ger) 10335

lipoid extracts of mammary gland & placenta, chemomorphotic eff. on ovaries & uterus of young rats (It) 29627

lipopolysaccharides of Proteus vulgaris, cond. of induced leukocyte migration & chemotaxis in tissue cultures (Ger) 29888

on blood coagulation in rabbits (It) 9328

***in blood***

age trend among Ashkenazi & Yemenite Jews, comparison 16401

androgenic pattern in response to chorionic gonadotropins in male hypogonadism 17028

antilipids in rabbit after subcutaneous or intravenous infect. with live human M. tubercle. 13327

cholesterol/lipid phosphorus ratio in rats, eff. of food fats 4179

chylomicrons, flocculation by polyvinylpyrrolidone (Fr) 21299

clearing eff. of cat gastric mucin prep. & heaprin sodium, comparison (It) 36815

clearing eff. of gastric mucin in dietary hyperlipemia in angina pectoris, plasma turbidity & ECG changes 2891

clearing eff. of gastric mucin in normal & arteriosclerotic subjects 2890

column chromatographic fractionation 34384

correlation with coagulation activity in population groups with different fat intake 25722

correlation with coagulation changes in atherosclerosis (It) 6879

correlation with diet & health of Italian men in Boston 24987

distribution of blood lipid fractions influencing extent of agglutinability of erythrocytes (Ger) 48061

distribution of lipid & phospholipid in electrophoresis of blood lipoproteins in normal subjects & in atherosclerosis 50705

during stress (It) 37293

eff. of acetaldehyde & formaldehyde in rabbits on high cholesterol diet, comparison (Fr) 26319

eff. of acute ethyl alcohol pois. on lipid fractions in rats 729

eff. of adrenalectomy & dietary cholesterol in dogs 12511

eff. of age & sex 46919

eff. of cholesterol admin. with triton A-20 on levels in rabbits (It) 37422

eff. of choline & vitamin B12 admin. in infect. hepatitis (Rus) 33355

eff. of dietary fat, highly unsaturated & poor in essential fatty acids 51337

eff. of dietary fats, relation to ischemic heart dis., review 14195

eff. of dietary lipemia on blood coagulation in arteriosclerotic & non-arteriosclerotic patients 14707

eff. of exercise & high-fat diet in military personnel 19140

eff. of glucose admin. on appearance of lipemia in dogs after feeding of peanut oil 15007

eff. of heparin after intravenous fat emulsion in man 17578

eff. of hormones & pathways of hormonal control of circulating lipids, review 14194

eff. of inject. of surface-active agent into hypercholesterolemic rabbits 31405

eff. of inositol phosphatide fraction of soybean in vitro & in vivo 16819

eff. of intravenous admin. of sodium dehydrocholate, in normal & arteriosclerotic subjects (It) 9304

eff. of nicotinic acid in diabetics & nondiabetics 46923

eff. of nicotinic acid in pulm. tuberc. (Sp) 53894

eff. of prolonged ethionine in rabbits & guinea pigs on high cholesterol diet 40906

eff. of protamine sulfate & fractional products on blood levels (Fr) 9209

eff. of protamine sulfate, mechanism (Cz) 36555

eff. of sodium salicylate in hyperlipemia & in normal subjects (It) 49461

eff. of thyroxin, triiodothyronine & triiodothyroacetic acid in nontoxic goiter 15058

eff. of trauma in rats 23690

eff. on acceleration of prothrombin time by Russell's viper venom 16437

electrophoresis in various dis., diag. value (Por) 1571

erythrocytes 2074

excess 39837

excess, eff. of choline on increased coagulation tendency (Ger) 6076

excess, essential (It) 8048

excess, essential, biochem. (Fr) 9208

excess, essential, case report 22469

36258

excess, essential, eff. of high fat diet on coronary & peripheral arterial circ. 35728

excess, essential, etiol. & ther. (Fr) 10658

excess, essential, in lipoidosis, review (Ger) 49306

excess, essential, ocular manifest. 2094

excess, essential, with xanthomatosis, ther. by nicotinic acid (Sp) 35537

excess, familial idiopathic, review & case reports (Sp) 44532

excess in apparently healthy subjects (Sp) 8112

excess in atherosclerosis, case reports (Fr) 36671

excess in arteriosclerosis, differ. diag. value of vitamin A loading test (Fr) 53980

excess in early stages of acute glomerulonephritis 50465

excess in xanthomatosis (Ger) 377

excess, prod. by inject. of hog pituitary extract into rabbits 31328

excess, relation to hyperglycemia in pancreatectomized baboons 40796

excess, relation to hyperproteinemia following plasmapheresis in adrenalectomized, castrated & thyroidectomized rats (Ger) 33978

excess, ther., oral nicotinic acid, side-eff. 12258

excess, ther., sublingual heparin 13009

glycolipid globoside of erythrocytes as factor determining type ABO blood group, purification (Fr) 48930

granulocytes after surg. of cranial inj. (It) 25691

hypolipemic eff. of substance isolated from pig gallbladder (It) 1958

in angina pectoris & arteriosclerosis (Fr) 44607

in arteriosclerosis, etiol. factor (Fr) 9205

in arteriosclerosis, pathogen. relation, review 7559

in chick embryo, eff. of x-irradiation 8531

in cholelithiasis, eff. of sodium cholate in dog (Sp) 8794

in coronary dis., determ. of degree of unsaturation 567

in cutaneous xanthomas 11

in exper. acute hemorrh. pancreatitis 27542

in exper. arteriosclerosis, eff. of hydrocortisone, hyaluronidase & somatotropin (Cz) 36554

in gastrectomized rats treated with group-specific substances from hog gastric mucosa (It) 1904

in healthy & coronary arteriosclerotic men of different origin & occup. in Israel, relation to dietary habits 13153

in healthy men of different occup. & ethnol. groups (Heb) 3961

in hypertension (Rus) 45163

in hypertension, determ. & evaluation 35166

in juvenile diabetes (Sp) 44600

in kidney dis. (Sp) 44488

in liver dis., eff. of inositolhexaacetate ther. (It) 39317

in monozygotic twins, role of hered. & environment in regulation 35726

in myocardial infarct & normal subjects, relation to magnesium blood levels 18461

in normal & arteriosclerotic Iranians, comparison with other countries (Fr) 11946

in normal pregn. 46999

in pregn., relation to blood proteins (It) 54247

in Weil's dis., determ. (Sp) 53893

in whole blood & plasma, determ. technic (Pol) 30739

microelectrophoresis, staining method (Fr) 26825

normal & pathol. levels, review (Sp) 53343

53351

53360

regulation disord. in pathogen. of arteriosclerosis, eff. of hered. & environment 35722

removal, mechanisms, review 14193

separation & analysis using 1 cc. sample of blood (Fr) 37851

separation by chromatography on silicic acid columns 31425

staining of isolated blood lipids (Ger) 8093

synd. of hyperlipemia, jaundice & hemolytic anemia (Sp) 53931

venous, in obliterative peripheral vasc. dis. (Pol) 30813

***in cerebrospinal fluid***

determ., method 5271

***in urine***

in pregn. cows, isolation & analysis 50517

***injurious effects***

lipid pneumonia, review (It) 43626

***metabolism***

14315

(Fr) 9202

acetate incorporation in regenerating rat liver & transplanted tumor during mitosis 40534

adaptive hyperlipogenesis, relation to hexosemonophosphate shunt in rat 27250

alteration caused by mushroom pois. (Fr) 20677

aorta, eff. of allylamine, sex hormones & castration in dog 35829

aorta in different stages of arteriosclerosis 41815

aorta in vitro, controlling eff. of sex hormones & vitamins 15002

brain, comparative histochem. in rabbits in relation to myelination 50918

brain of fetus, inf. & child. 5489

brain, relative stability 41799

changes in tissue lipids in essential fatty acid defic. in rats 24388

changes induced by radioiodine in rats, eff. of phenylbutyric acid (Ger) 27881

content of Purkinje cells of rat brain (It) 37333

content of spinal ganglia, in cats (It) 37334

depletion in zona glomerulosa of rat adrenal cortex caused by fludrocortisone admin. 49273

digestibility of dietary lipids, review 20034

disord. in arteriosclerosis (Fr) 9203

E. coli B & B/r strains, eff. of varied environmental conditions & ultraviolet rays, comparison of lipid extraction methods 23288

eff. of methionine & choline in cholesterol-fed growing rats 17824

eff. of various temperatures & altitude in rat 35825

endometrium, relation of lipid site to phase of menstrual cycle (Sp) 30243

fetal membranes in normal, premature & prolonged pregn. (Fr) 36350

fixation of oxygen from lipid peroxides on double bonds of unsaturated fatty acids in liver in vitro (Fr) 37839

gonads of male chick embryo (Fr) 26916

in chronic malnutrition in child. (Sp) 49080

in etiol. of arteriosclerosis, biochem. (Sp) 39445

39446

in etiol. of arteriosclerosis, review 23406

38497

in etiol. of multiple sclerosis, review 46712

in nephrotic synd. (Fr) 26174

in obstruct. jaundice, mechanism of changes (Fr) 36626

in premature inf., eff. of dietary supplements of carob flour (It) 39733

in viruses, hypothesis on relation between synthesis & release of animal viruses from infected cells & lipid content of viruses 15679

increased auto-oxidation induced by unsaturated fatty acid loading & vitamin E defic., facilitating increased ceroid form. in rats (Sp) 9669

intermediate, in exper. fatty liver, eff. of thiamine pyrophosphate in rats (Ger) 30550

interscapular brown fat of female bats, histochem. & microchem. 13187

intestinal bact., determ. of content 23771

lipid aldehydes in blood, liver & intestine in rat, eff. of somatotropin 32346

lipid changes in chylomicra & subnatant fractions of rat lymph during cholesterol absorp. 44126

lipid components of myelin sheath structure, review 14199

lipid peroxide form. & phospholipid changes in normal & tumor tissues 49661

lipolysis in sheep rumen 42964

liver, analysis of fatty acids in various hepatic lipids in rat (Fr) 38650

liver biosynthesis from various precursors, eff. of triton WR-1339 in rats (It) 37453

liver, eff. of glutathione & dietary cholesterol excess (Rus) 48011

lungs, eff. of temperature (Rus) 37207

M. tubercle., fatty acid components of streptomycin-sensitive & resist. M. tubercle. 16388

myocardial lipid components of enzyme system catalysing oxidation of succinate & reduced coenzyme I 40523

nonsteroidal components of unsaponifiable fraction of cancerous liver 2679

oxidation rates, review 43284

pancreas, tissue localization & content & eff. of insulin (Fr) 8997

pathogen. role in atherosclerosis, review 53567

peroxidation products & inclusion cpds. 24383

psoriatic scale 50650

relation to glucose metab. 49170

requirements of pleuropneumonia-like organisms 4714

review 14187

role of lungs in absorp. (Ger) 12089

sciatic nerve, sex & age differences (Ger) 22941

sex differences, eff. of fats, castration & hormone implants 15050

skin of external auditory canal, eff. of temperature & humidity & relation to pathogen. of otitis externa, exper. study & review 51353

skin of external auditory canal, eff. on survival of exogenous bact., exper. study & review 51352

synthesis & distribution in ovaries of chick embryos (Fr) 26904

synthesis by electrically-stimulated rat sciatic nerves in vitro 50917

synthesis in Claviceps purpurea culture, relation of time & culture media variations 16702

synthesis in irradiated rats, eff. of 2, 2-diphenylbutyric acid (It) 13965

*LIPIODOL see* CONTRAST MEDIA

*LIPOBLASTOMA see* LIPOMA

LIPOCAIC

(Bul) 32829

properties, metab. funct. & biol. activity (It) 31671

*effects*

on fatty liver induced by oral ethionine after oral admin. in rats 16294

LIPOCHONDRODYSTROPHY

clin. manifest. & x-ray diag. (Ger) 15310

gargoylism, pathol. & case report (It) 35600

*case reports*

27991

in European male inf. in So. Rhodesia 14786

in Indian child. 17428

mixed Hurler-Morquio dis. (It) 25606

with craniostenosis & glaucoma in child. (Fr) 54117

with giant hydrocephalus, in 3-year-old child (Fr) 30481

*complications*

dysproteinemia, case reports (Sp) 53903

*etiology and pathogenesis*

congen. polysaccharide metab. disord., relation to Alder's granulation anomaly (Fr) 21627

*metabolism*

biochem. changes (Cz) 14773

*urine in*

amino acids (Pol) 53143

LIPODYSTROPHY

in black leopard, case report 4620

intestinal, case reports & review 49703

intestinal, differ. diag. from idiopathic steatorrhea with mesenteric chyladenectasis 49688

*case reports*

intestinal (Pol) 38101

intestinal (Rus) 41658

intestinal, clin. pathol. conf. 533

*etiology and pathogenesis*

insulin inject. in diabetes mellitus, relation to instability of certain cases 26109

*in pregnancy*

progressive lipodystrophy 20473

*pathology*

intestinal, cytol. features 11755

intestinal, pathol. of systemic lesions 4881

systemic involvement in intestinal lipodystrophy, gross & histol. observations 34953

*LIPOIC ACID see* VITAMINS

*LIPOID NEPHROSIS see* NEPHROTIC SYNDROME

LIPOIDOSIS

*see also* EOSINOPHILIC GRANULOMA

*see also* HAND-SCHUELLER-CHRISTIAN SYNDROME

*see also* LETTERER-SIWE DISEASE

lipocalcinogranulomatosis, etiopathogen. & manifest. (Ger) 34114

necrobiosis lipoidica 14084

xanthomatosis of bone, review (Fr) 54440

*blood in*

essential hyperlipemia, review (Ger) 49306

hypercholesteremia in xanthomatosis 35724

hypercholesterolemia in xanthomatosis, relation to coronary dis. 35725

hyperlipemia in xanthomatosis (Ger) 377

lipids in cutaneous xanthoma 11

lipoidproteinosis Urbach-Wiethe, blood protein determ. (Ger) 39806

tendinous, hypercholesterolemic xanthomatosis, biochem. (Fr) 9207

*case reports*

atypical Gaucher's dis. 9466

evolution & recovery after surg. of biliary obstruct. (Fr) 16521

François dis. (Ger) 12102

Gaucher's dis. (Rus) 6048

Gaucher's dis. in identical twins 13169

histiocytosis X 23358

necrobiosis lipoidica in hemochromatosis (Fr) 37874

reticulohistiocytosis 48179

xanthoma tuberosum 588

xanthoma tuberosum with hypercholesteremia & talipes equinovarus (Ger) 55480

xanthomatosis with coronary dis., postmortem study in siblings 54

*complications*

thrombocytopenia & splenic angiomata, histochem. & histopathol. 5687

xanthomatosis, familial, with hypercholesteremia & hypothyroidism (Nor) 52723

xanthomatosis with diabetes mellitus (Ger) 377

*etiology and pathogenesis*

diabetes mellitus causing xanthomatosis, case report 54866

follicular lipoidosis, mode of lipid transport through spleen lymphatics 12470

*in infant and child*

disseminated lipogranulomatosis, case report 11998

Gaucher's dis., case report 28000

Gaucher's dis., case report (It) 6247
54201

Gaucher's dis. in Negro inf. 22717

Gaucher's dis., splenectomy (Rus) 20299

lipoid proteinosis, case report 23518

multiple tuberous xanthomas in 10-year-old child (It) 29720

primary xanthoma tuberosum & classif. of xanthomas in child. 43515

with glycogenosis, case report (Fr) 2401

xanthomas with glycogenosis (Fr) 41939

*manifestations*

eye, in xanthomatosis 2094

xanthomatosis, clin. & laboratory picture 35723

*metabolism*

Gaucher's dis., analysis of cerebroside deposited in spleen 40484

*therapy*

nicotinic acid in xanthomatosis, case report (Sp) 35537

*LIPOIDPROTEINOSIS see* LIPOIDOSIS

LIPOMA

eff. of Coxsackie B4 virus on human lipoma in vivo & in vitro (Sp) 8977

hibernoma (Tur) 45445

hibernoma, review & case report of intrathoracic tumor 36863

nevus lipomatosus cutaneus superficialis, review & case report 11561

*case reports*

angiolipoma of kidney 880

angiolipoma of nasal lobule (It) 1860

cecum (Sp) 44513

cecum, causing intussusception (Rus) 18232

colon, submucous (Rus) 33585

conjunctiva, symmetrical & bilateral, rare case (Cz) 14835

endobronchial 38003

fallopian tubes (Ger) 34579

giant cell tumors of maxilla (Pol) 30313

intrathoracic, diag. difficulties (Ger) 22218

of 4th toe, surg., case report 16744

spinal cord (It) 19252

spinal cord, simulating degenerative dis. 855

stomach 853

stomach (Ger) 49689

subdural of spinal cord (Rus) 10950

*complications*

cecum, with ileocecocolic intussusception, case reports (Fr) 51368

lungs, causing diaphragmatic hernia, case report (Sp) 25959

*diagnosis*

pleura, x-ray manifest. as opacification of right heart-diaphragm angle on x-ray (Ger) 25802

*etiology and pathogenesis*

cervical lipomatosis with syringomyelia & plantar ulcer (It) 52934

*pathology*

lipoblastomatosis, differentiation from hibernoma 12472

*surgery*

colon, submucous lipoma, case reports 25043

LIPOPROTEINS

cell-like bodies from lipoprotein isolated from plant materials, in vitro develop. 33887

in edema fluid (Ger) 41725

in synovial fluid, determ., eff. of time of exposure & hyaluronidase treatment (Fr) 24100

lipoprotein properties of rhodopsin 11687

of floating fraction of egg yolk, molecular weight & phys. properties 2545

of floating fraction of egg yolk, N-terminal amino acid components 2546

*determination*

precipitation by reaction of human blood with levan fractions from Bacillus subtilis (Fr) 38696

*effects*

activation of cytochrome oxidase by mitochondrial lipoprotein 47965

*in blood*

abnorm. in plasma cell myeloma, electrophoretic analysis (Fr) 43971

abnorm. with plasma cell leukemia, clin. pathol. conf. 13682

anorogenic pattern in response to chorionic gonadotropins in male hypogonadism 17028

cholesterol in $\alpha$ & $\beta$ fractions in myocardial infarct & normal subjects (Fr) 37924

determ., agar electrophoresis, results (It) 53581

determ. & use in differ. diag. of obstruct. jaundice (Fr) 31978

determ. by paper electrophoresis after staining with Sudan Black-B 15036

determ. by ultracentrifugal method 23343
46376

determ., correlation between changes of electrophoretic patterns & chem. lipid determ. in patients with liver dis. 24414

determ., electrophoresis in mice 49350

determ., electrophoresis on filter paper (Sp) 44558

determ., electrophoresis, prestaining procedure 20729

determ., new simplified micromethod (Ger) 33998

determ., starch gel electrophoresis (Fr) 36817
39258
53998

eff. of cobalt chloride, in rabbits (It) 25845

eff. of cobalt telether, in patients with malignant neoplasms (It) 29603

eff. of hormone admin. in man 8642

eff. of inositol phosphatide fraction of soybean in vitro & in vivo 16819

eff. of intravenous admin. of sodium dehydrocholate, in normal & arteriosclerotic subjects (It) 9304

eff. of iodine ther. of cardiovasc. dis. (It) 29569

eff. of lecithin (Ger) 18948

eff. of pancreatectomy & insulin admin. in dogs (It) 36749

eff. of partial ligation of kidneys & hypersaline diet on rabbits (Fr) 3072

eff. of thyroxin on concentration in humans 50421

eff. on blood coagulation in aborigenes & Australians 52330

exchange of radiophosphorus-32 between labeled & unlabeled lipoproteins in vitro (Ger) 11276

in aged, electrophoresis (Sp) 31841

in arteriosclerosis & thromboangiitis obliterans (Pol) 30818

in arteriosclerosis, clin. study & review (Sp) 2940

in arteriosclerosis, eff. of estrogen & thyroxine deriv., review 49932

in arteriosclerosis, electrophoresis (Fr) 35606

in arteriosclerosis, regional levels (It) 6799

in atherosclerosis, distribution of lipid & phospholipid in electrophoresis of blood lipoproteins 50705

in burn synd. (It) 27640

in chick embryo, eff. of x-irradiation 8531

in chronic obliterative arterial dis. of leg, electrophoresis (Fr) 977

in coronary arteriosclerosis, determ. by electrophoresis, comparison with other methods 8452

in diabetes mellitus, comparison with normals (Fr) 43960

in diabetes mellitus, eff. of insulin 40675

in eczema in inf. (It) 3967

in erythroblastic anemia, electrophoretic patterns (It) 27760

in gout (It) 31780

in hypertension, determ. & evaluation 35166

in hyperthyroidism (It) 36725

in kidney dis. in child. & adults, diag. & progn. value (Sp) 44534

in liver dis. (Sp) 8846

in ment. disord., eff. of reserpine 16363

in nephrectomized dogs with artif. kidney 12510

in nephrosis in child., eff. of ACTH ther. (It) 29731

in newborn inf., analytic ultracentrifugation & electrophoresis (It) 8467

in normal pregn. 46999

in pathol. cond., electrophoresis, evaluation (Ger) 11058

in peripheral vasc. dis., eff. of small quantity of heparin, electrophoresis (It) 6864

in platelets, electrophoresis (Cz) 38130

in platelets, electrophoretic fractionation (Ger) 46603

in pregn. (It) 20908
54247

in psoriasis in men & women 17522

β-lipoproteins, determ. by immunol. technics (Fr) 21288

β-lipoprotein determ. by method using calcium chloride & heparin, results & comparison with other methods (It) 37423

β-lipoproteins, determ., new precipitation method 50730

β-lipoproteins, eff. of aging (Fr) 32198

β-lipoproteins in arteriosclerosis, pathogen., relation, review 7559

normal values (Ger) 52807

opalescence after alteration by lecithinase C, inhib. by blood protein 31329

relation to bile acid levels in exper. biliary obstruct. 12516

specific anti-β-lipoprotein immune serum, determ. technic (Fr) 21271

***metabolism***

composition & concentration of lymph & serum lipoproteins in dogs after fat & cholesterol feeding 16903

eff. of dietary fats (Fr) 48907

form. during fatty degen. of pulm. cells, histochem. (Fr) 15074

liver, biosynthesis of low- & high-density lipoproteins in rat liver in vitro 37121

liver overprod. of β-lipoproteins in etiol. of arteriosclerosis, review 30489

phospholipoproteins, water-soluble, in calf corneal epithelium, electrophoresis (Ger) 24276

***therapeutic use***

omnadin in recur. chronic resp. infect. with hypogammaglobulinemia 5302

**LIPOSARCOMA**

classif. 38056

***case reports***

12684

mediastinum 10697

retroperitoneal, clin. pathol. conf. 52631

retroperitoneal, with hypernephroma (Heb) 3965

***pathology***

sacrum (Por) 8744

**LIPOTROPIC FACTORS**

***see also*** **CHOLINE**

***see also*** **INOSITOL**

***see also*** **LIPOCAIC**

***see also*** **METHIONINE**

review 24371

***determination***

in pancreas (Ger) 24234

***effects***

antisteatosic eff. of various lipotropic drugs assoc. with thyroxin in exper. fatty liver, sex differences in rats (It) 37321

lecithin, lipotropic eff. in fatty liver induced by choline defic. & carbon tetrachloride pois. in rats (Ger) 39047

on hepatic glycogen in exper. fatty liver, with thyroxin, in rats on steatogenous diet (It) 37320

***therapeutic use***

chronic hepatitis & liver cirrhosis as diet supplement (Rus) 45173

lipotropic-vitamin B prep. lipotriad in senile retinopathy 50316

multivitamin-lipotropic prep. garobion in arteriosclerosis in aged (Ger) 32962

***LIPOXIDASE see*** **OXIDASES**

**LIPS**

***see also*** **CHEILITIS**

***see also*** **HARELIP**

abnorm., dis. & neoplasms, clin. aspects & ther., review (It) 26628

***abnormalities***

macrocheilia, surg. (Fr) 2382

macrocheilia, surg. resection of labial mucosa (Fr) 13029

***anatomy and histology***

surface appearance of lips of suckling inf. 12

***diseases***

multiple papillomatous lesions in vegetative syphilis (Dut) 36522

perlèche, etiol. (Por) 40220

***neoplasms***

cancer of minor salivary gland ducts of lower lip, case reports 35879

caused by sunlight exposure, prev. with photoprotective lipstick 6475

epidermoid carcinoma, case report 32496

epithelioma, incidence & surg. statist. 46851

epitheliomas, plasiother. (It) 29607

giant cell tumor with procancerous lesion, case report (Fr) 9073

hemangioma (Sp) 43860

in So. Africans 9813

lower lip, electrocoagulation (Pol) 53128

mixed salivary tumors, ectopic 861

radiother. & surg., comparisons 5201

simultaneous carcinoma of upper & lower lip 41255

surg. (Sp) 25930

surg., microscopic control of excis. with chemosurg. technic 49775

ther., escharotic paste in procancerous lesion causing malignant degen. 9819

***surgery***

plastic reconstruction with Filatov's flap (Bul) 41566

plastic surg., Estlander-Abbé technic (Cz) 23658

***ulcers***

blastomycetic ulcer of lower lip, case report 35926

**LISTERIA**

monocytogenes, differentiation from Erysipelothrix rhusiopathiae using 2,3,5-triphenyltetrazolium chloride technic (Ger) 34466

monocytogenes, serotypes in U.S. 50350

***culture***

monocytogenes, S-form, comparison with colonies of listeria-like bact. (Ger) 55691

***infections***

as zoonotic dis., review (Pol) 20470

causing habitual abortion (Ger) 38952

causing meningoencephalitis (Ger) 38944

clin. manifest. (Ger) 38903

diag. & ther. (Ger) 19011

in cat (Ger) 55683

in newborn, clin. manifest. & ther. (Sw) 52744

in pregn., causing habitual abortion (Ger) 38943

meningitis, in inf., case reports 13483

meningoencephalitis in adults & inf., morphol. (Ger) 25381

monocytogenes, case reports 32532

monocytogenes, causing fatal meningitis (Sw) 52745

monocytogenes, causing meningoencephalitis in child. (Nor) 52746

monocytogenes, exper., relation of hyperglycemia & host-parasite relations 55891

monocytogenes meningitis (Dan) 55107

monocytogenes meningitis, case report 24413

monocytogenes meningoencephalitis (Ger) 23159

monocytogenes, review (Dan) 55103

monocytogenes, review (Fr) 44773

research on present state (Ger) 36947

serodiag. in exper. animals (Rus) 11486

tonsillitis, epidemiol. in Russia (Rus) 34650

vagina, in pregn., transm. to fetus (Por) 16147

**LITERATURE**

***see also*** **BOOKS**

***see also*** **LANGUAGE**

***see also*** **PERIODICALS**

anat. iconography in works of Samuel Thomas Soemmering (It) 31669

anat. in works of Rabelais (It) 31667

ancient Egyptian physicians as initiators of med. literature (Ger) 51823

childhood & adolescence as optimal time of life in writings of Hermann Hesse (Ger) 33555

childhood of poets & authors & its psychoanalytic implications 44230

contemporary literary culture, psychoanalytic interpretation 8401

De la Mettrie's satirical writings (Dut) 19719

descriptions of psychopathic personalities & ment. disord. in works of Cervantes (Sp) 2950

Dr. Vaucorbeil & the characters of Flaubert's novel Bouvard et Pécuchet (Fr) 43988

eff. of career as pharmacist on poetry of Theodor Fontane (Ger) 43605

eff. of psychoanalytic terminol. on language of modern creative writing 41087

Hebrew med. literature published in Israel (Heb) 39831

identifications or resonors with characters in literature, psychol. & application to psychother. 8381

John Aubrey's biography of Harvey, validity & reliability 18436

med. literature, attitudes of physicians, their contributions 6991

med., prev. of jargon for sake of clarity 20556

med. references in Shakespeare's works 18072

patients' attitudes regarding efficacy of reading popular psychiatric & psychol. articles & books 51897

physicians as writers of med. & non-med. literature (Sp) 31833

pleasures derived by surgeons in reading famous literature 12839

poetry of Francesco Redi (It) 30676

psychiatric observations & principles in writings of Balzac (Fr) 36136

psychoanalytic interpretation of Shaw's childhood based on Pygmalion 44251

psychoanalytic study of father-love in Dostoevsky's Crime & Punishment 44226

psychol. factors in reading fiction 5132

psychol. study of F. Scott Fitzgerald & his novels 8388

relation to psychoanalytic ther. 20856

sensory phenomena in Marcel Proust's works (Fr) 44656

treatise on gyn. of 1830 (Fr) 26209

writers' views on military med. in Sweden (Sw) 32990

**LITHIUM**

etching of radiation damage in lithium fluoride 7174

lithium variants of Salmonella schottmuelleri, morphol. & biol. (Ger) 34485

substitution of lithium chloride for sodium chloride, taste preferences of adrenalectomized rats 35806

***effects***

on pregn. in rats, prolonged subtoxic doses 38985

***metabolism***

kidney elimination in rats 24010

***toxicity***

comparison of various cpds. in animals (Rus) 3580

extent, nature & site of activity in rats 24009

***LITHOPEDION see*** **FETUS**

**LITHOSPERMUM**

officinale, blocking of secretion of pituitary gonadotropins & thyrotropin (Ger) 41727

officinale for blocking of hypersecretion of pituitary hormones 35119

***LITTLE'S DISEASE see*** **CEREBRAL PALSY**

**LIVER**

hepatoscopy, hist. (It) 29851

palpability of liver edge in healthy adults 45556

standard. of liver prep., isolation & determ. of choline content 4172

subcutaneous inject. of whole liver prep. or liver fractions causing demyelinating encephalitis in guinea pigs & hamsters 17892

***abnormalities***

hypoplasia, with splenic stasis & hypersplenism, surg., splenectomy (Fr) 7057

***abscess***

anat. stages, clin. & ther. significance (Fr) 51510

caused by Clostridium perfringens 1174

giant solitary, case report (Fr) 35151

in cat, surg. 40415

in perf. of amebic colitis, with peritonitis, after antibiotic ther. (Fr) 36660

incidence in cattle receiving chlortetracycline regularly 12735

multiple (Rus) 18265

multiple abscesses caused by Ascaris lumbricoides, case report 17920

solitary, diag. & ther., case reports (Hun) 20164

solitary, unusual case 37733

***anatomy and histology***

acini demonstration in human liver by india ink inject. into portal vein 12925

cell division of macrophages cultured in vitro, microcinematography (It) 34420

contribution of Hans Elias (Rus) 13579

histol. changes in rat liver tissue after storage in potassium-enriched Ringer's solution 23951

mitosis, aneuploid chromosome count, eff. of aging in rats (Ger) 38479

nucleolar size & ribonucleic acid content in rats on high- & non-protein diets 35357

polyploidy in regenerated liver of hypophysectomized rats 3509

polyploidy of rat liver nuclei as measured by volume & desoxyribonucleic acid, eff. of aging 50579

polysomaty develop. in rat liver 3507

sinusoid wall structure, electron microscopy 55624

surg. anat. (Hur) 10509

***blood supply***

autonomic vasomotor responses in hepatic arterial & venous beds in dog 47138

blood flow determ. by ethanol, 2 methods without using hepatic vein catheterization 32239

circ., eff. of exper. hypoxia (Ger) 23020

circ., measurement by blood clearance of colloid suspensions (Fr) 32604

circ., measurement by colloidal chromic phosphate 32685

circ., measurement by colloidal radiogold 32688

circ., measurement by external recording method using radiogold 49707

circ., measurement by indicator dilution technics 40701

circ., measurement by indirect method (Por) 53862

circ., regulation in dogs 51127

connections between hepatic arteries & veins (It) 37157

coupled hepatic pulsations in tricuspid incompetence, importance as new phys. sign

eff. of anesth. & hepatic sampling site on liver blood flow 12567

eff. of arterenol on blood flow after graded hemorrh. in dogs 12568

eff. of changes in porto-caval pressure gradient on liver vascularization in rats (It) 37156

eff. of chlorpromazine on hepatic blood flow & oxygen consumption in dogs (Hun) 29184

innerv. of hepatic blood vessels in dog, cat & monkey 47611

microscopic structure, review (It) 37158

reversal of hepatic venous circ. in dogs 44084

spontaneous rhythmic fluctuations & irregular fluctuations in flow in man (Ger) 12018

surg. anat. of intrahepatic biliary vessels (Sp) 37283

surg. methods for decreasing or increasing blood flow & clin. applications (It) 29613

transhepatic hemodynamics in normal subjects, changes induced by drugs (Fr) 31904

vasc. pattern, microradiographic study 40468

vascularization of rat liver (It) 37154

***cysts***

isolated polycystic dis. in adult, case report 30163

nonparasitic (Rus) 32563

polycystic dis., case reports (Ger) 37756

polycystic dis., surg. 24793

polycystic liver with hemorrh. esophageal varices, case reports 30088

solitary (Rus) 32569

true cyst in 3-month-old inf. (It) 29129

***effect of drugs on***

acetazolamide on bile secretion by rat liver (Fr) 54903

adenine, orotic acid & xanthine on choleresis in animals & humans (Ger) 19374

adrenal cortex hormones on mitochondrial metab. (Ger) 49901

anesthetics on liver morphol. & funct., review (It) 42472

42473

antidiabetics on glycogenolysis in rats (Hun) 52895

barbiturates in anesthetic doses, protective eff. of vitamin E, in dogs (It) 11825

bilirubin & cytochrome C on endogenous resp. of human liver homogenate (It) 37163

1,2-bis[5-β-chloroethyl-4-methyl) thiazol-3-yl-sulfo]ethane, liver tolerance (It) 39509

carbon tetrachloride induced biochem. changes in vitro & in vivo, inhib. by edathamil 41277

carbutamide & tolbutamide in diabetes (Ger) 51820

carbutamide & tolbutamide prolonged ther. in diabetics (It) 53781

carbutamide on glucose liberation in rats (Ger) 25888

carbutamide on rabbits (Pol) 30388

carcinogenic & noncarcinogenic hydrocarbons & hepatocarcinogens on rat liver regen. 5422

chlorpromazine hypersensitivity causing dysfunct. 1168

chlorpromazine ther. of ment. disord., on liver morphol. & funct. (It) 19175

cholecystic extract on cholesterol & phospholipid synthesis in rats (It) 14019

cholerotic eff. of various synthetic cpds. in rats & dogs (Fr) 13442

choleretic eh. of various synthetic cpds., tox. & eff. on bile composition (Fr) 13443

choline, methionine & inositol, prev. of lipophanerosis of liver in dogs (Ger) 49687

cobalt chloride, histopathol. eff. & form. of anti-liver auto-antibodies in rats (It) 37380

cortisone & somatotropin, in rats, histol. (It) 47819

cyclopropane, 1,1,1-trifluoro-2-bromo-2-chloroethane & ether anesthetics, on liver funct. 54712

cycloserine & isoniazid inhib. of catalase activity of beef liver (Fr) 13800

decamethylene diguanidine, in guinea pigs 5628

dehydrocholic acid, on glycogen content (Rus) 49434

deproteinized honey solutions, eff. on liver funct. in carbon tetrachloride-poisoned rabbits (It) 42477

desoxypyridoxine & isoniazid on enzyme activity in vitamin B6-defic. rats 17811

dibutyltin dichloride induction of *exper.* lesions 5639

p-dimethylaminoazobenzene causing biochem. & histol. cellular changes, prev. & ther. eff. of coenzyme A in rats (Fr) 54881

p-dimethylaminoazobenzene on regeneration in rats (Ger) 10010

p-dimethylaminoazobenzene on size of cell nuclei with & without yeast in rats (Ger) 10024

dimethylnitrosamine hepatotoxic action, inhib. of protein synthesis in rat liver in vivo 37062

dimethylnitrosamine hepatotoxic action, relation to mode of metab. in various rat organs in vitro 37061

edathamil on suspensions of rat liver mitochondria 19587

estradiol on composition in immature pullets, response to thiouracil 14605

ethionine & S-ethylcysteine on regen. in rats 35810

ethionine pois. causing interstitial cell proliferation, influence of cortisone & somatotropin in rats 31285

17α-ethyl-4(5)-estren-17β-ol-one in ther. of chronic underweight 46953

fat emulsions, intravenous admin. 146

9α-fluoro-1,4-pregnadiene-11β, 17α,21-triol-3,20-dione on regen. after partial hepatectomy in rat (It) 21502

glucagon & elastase on ether-soluble fats in liver of chickens (It) 48124

glycols, stimulation of glycogen form. in rats (Ger) 29924

hepatotoxicity of inhalation anesthetic drugs in mice 24757

hepatotoxins, eff. on metab. of 1,1,1-trichloro-2,2-bis(p-methoxyphenyl)-ethane in rat 36580

hydrocortisone on mitochondrial membrane permeability in rat liver in vitro 29832

hydroxydione succinate on liver funct. in rabbit (It) 42474

insulin & sulfonylureas on glucose output in dogs 15633

insulin, vasc. & metab. responses, exper. study 28616

iproniazid causing massive necrosis 24992

isoniazid prolonged admin. on resp. & metab. of mouse liver slices (Ger) 43601

2α-methyl-9α-chlorohydrocortisone-induced necrosis, prev. by magnesium & potassium chloride 13001

nicotinamide inducing coenzyme I synthesis in rat liver, relation to levels of nucleotide phosphorus (Fr) 26328

pentobarbital on liver funct. in dog (Fr) 26707

quinacrine on vitamin B2 during carcinogenesis in rats 23065

reserpine in albino rats (Ger) 34008

sulfonylureas in diabetes ther. (Ger) 51821

sulfonylureas prolonged ther. (Ger) 12097

testosterone on carbohydrate metab. in rabbit 13462

thyroxin inject. on L-cysteine-sulfinic acid decarboxylase activity in rats (Fr) 37106

tolbutamide, on rat liver phosphorylase & phosphatase 49993

unsaturated long-chain & saturated middle-chain fatty acids on fat content in choline-free diet (Ger) 29694

***effect of excision***

blood ammonia changes in dogs after total hepatectomy 10080

on blood mucoproteins (Cz) 48638

on blood proteins in dogs (Pol) 20445

on blood proteins, partial hepatectomy in rats (It) 44843

on blood proteins, total hepatectomy in dogs 1240

on peripheral action of tolbutamide in chicken 15613

partial hepatectomy on antibody response to vaccine stimulation in rats (It) 1505

partial hepatectomy on blood glycoprotein levels in rats, influence of choline admin. (It) 37400

partial hepatectomy on liver funct. in dog (It) 51987

partial maternal hepatectomy causing fetal death in rat & eff. of pregn. on regen. of liver 26456

***effect of radiations on***

on cytomorphol. in mice, electron microscopy (Ger) 9976

polonium, on desoxyribonucleic acid in rats (Rus) 51754

x-ray induced liver damage in animals, relation to anemia 42988

x-rays, on cell nuclei protein metab. & methionine incorporation (Rus) 51752

x-rays on desoxyribonucleic acid metab. (Rus) 51753

x-rays, on ultrastructure of cells of rat liver, biochem. & morphol. study (It) 53754

x-rays on unprotected & on 2-aminoethanethiol-protected rats, morphol. & histochem. studies (It) 29716

x-rays, protective eff. of 2-aminoethanethiol (Ger) 32666

***embryology***

form. of lobes, relation to visceral kinetics (Fr) 44765

***foreign bodies***

metallic, surg. removal (Pol) 53134

pivot-crown, x-ray findings (Ger) 15858

***hemorrhage***

hematoma, subcapsular, in newborn inf. (It) 15030

hematoma, subcapsular, rupt. causing hemoperitoneum, in newborn inf. (It) 25700

42793

hematoma, subcapsular, rupt. in newborn inf. (Sp) 36853

hematoma, subcapsular, with hemoperitoneum & generalized amyloidosis, clin. pathol. conf. 30117

***in various diseases***

asthma (Fr) 44158

brucellosis in Egyptians 28669

chronic ulcerative colitis in child. 35352

congestive heart failure 49991

congestive heart failure, clin. study & review of anat. & funct. changes (It) 37440

congestive heart failure, severe, funct. tests (Sp) 21034

cor pulmonale, histochem. & histol. (It) 44171

diabetes insipidus 26119

diabetes mellitus (Por) 44375

eczema, endogenous (Ger) 36432

exper. acute phosphorus pois. (Fr) 47344

exper. diabetes mellitus, oxalacetic acid determ. in rats 37109

extrahepatic cholestasis, histol. changes (It) 33097

goiter, normal & hyperfunctioning (It) 53780

hepar lobatum in syphilis, significance of positive Casoni reaction (Fr) 36650

infect. mononucleosis 12308

intestinal giardiasis in child. (Pol) 30386

intestinal obstruct. due to cholelithiasis 47367

lupus erythematosus, disseminated (Rus) 22180

obesity, review 7560

porphyria (It) 42625

portal hypertension, intrahepatic capillary pressure (Fr) 35147

Q fever 20309

rheum. fever (Ger) 24307

schizophrenia, role of biliary & hepatic poisons in pathogen. (Fr) 27013

skin dis. (It) 42702

syphilis in child. (Pol) 32174

uremia 5158

***innervation***

sensory nerves, histol. 23816

***metabolism***

(Sp) 32468

absorbability of vitamin A to melanin in black liver of dogfish, chem. verification 18167

acetate & caprylate utilization in castrated & sex hormone-treated rats 14618

acetate, biochem. mechanisms of depressed acetate oxidation in fasted, cold-exposed rats 40569

acetate oxidation & incorporation into glycogen & fatty acids in rat liver, eff. of salicylates 40558

acetic acid & 3,5-dihydroxy-3-methylvaleric acid, isotope study in livers from human fetuses (It) 37454

acetic acid form., quantitative determ. of participating enzyme system in bovine liver & mechanism (Ger) 25879

acetoacetate utilization by liver of alloxan diabetic rats in vitro, eff. of nicotinamide, determ. by distillation method (Tur) 45435

45436

acetoacetic acid in liver homogenates of normal & alloxanized rats, eff. of nicotinamide 52416

acetyl phosphatase of rat liver, eff. of thyroxin on enzyme activity 13771

activation of methionine for transmethylation in regenerating rat liver & hepatoma (Ger) 34175

activation of thiophosphates by liver microsomes with reduced diphosphorydine nucleotide 52401

activity of soluble cytoplasmic constituents from regenerating rat liver in amino acid incorporating systems 39283

adenylic acid-amino acid mixed anhydrides in rat liver 1372

adenylic acid incorporation into 2 soluble ribonucleic acid fractions of rat liver 47962

aerobic nitrogen labelled formylation of folic acid producing blue fluorescent substances in liver homogenates (Ger) 46175

β-alanine, conversion in vivo & in isolated liver (Rus) 48010

alanine incorporation into proteins in liver homogenates, eff. of x-rays (Ger) 10013

albumin-bound palmitate oxidation in starving, diabetic & insulin-treated rats 40533

alcohol dehydrogenase, kinetics & equilibria, review 35553

alkaline pyridine nucleotide transhydrogenase from beef liver extracts, purification & properties 31738

alterations in liver slices from rats on high & low glucose & galactose diets 40473

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

l-amino acids & glycine deamination in birds (Rus) 37133

amino acids, distribution of transaminating & oxidizing activities in cell fractions of rat liver (Ger) 47928

amino acids, eff. of electric convulsions, electrophoresis (Ger) 36486

amino acids in rabbit kidney homogenates, eff. of cystine admin. (Ger) 34091

amino acid incorporating system of nucleoproteins in rat liver microsomes 4760

amino acid incorporating system of nucleoproteins in rat liver microsomes, eff. of inorganic pyrophosphate 4761

amino acid incorporation into rat liver microsomes, stages demonstration technic (Fr) 38834

L-amino acid oxidase from turkey liver, deamination of hydroxylysine (Fr) 13753

ammonia level, eff. of anemia, ischemia, asphyxia & hypothermia on rabbits (Ger) 5474

anticlumping factor for mitochondria in supernatant fraction of rat liver homogenates 19673

arginase levels, eff. of tumor-mune on mice (Fr) 3082

aspartic & glutamic aminopherases of rat liver, eff. of thyroxin on activity 3439

aspartic glutamic transaminase, eff. of intraperitoneal actinomycin C in rats (It) 37500

ATPase activity, eff. of puls. with Shigella dysenteriae toxin in mice 36569

ATPase & 5-nucleotidase in plasma membrane of rat liver cells, localization by electron microscopy 40583

ATPase, magnesium-activated, eff. of 2,4-dinitrophenol on activity in rat liver in vitro 47937

behavior of clone of mouse liver cells grown in vitro 2700

bile acids, conjugation & form. 23899

bilirubin conjugation in rat liver homogenates, determinants 52391

bilirubin enzymic conjugation with glucuronic acid in animal & human livers 37077

carbohydrates, eff. of N-acetylglucosamine & glucosamine in rat liver slices 4741

carbohydrate metab., eff. of choline admin. in hepatitis patients (Rus) 33354

catabolism of native & denatured proteins in isolated perfused rat liver, comparison 14093

catalase in normal & iron-defic. rats 17596

6β-chlorotestosterone in guinea pig liver homogenates (It) 3591

cholesterol & fatty acid biosynthesis in isolated perfused liver, eff. of 4,4-diphenylbutyric acid & triton 49368

cholesterol & fatty acid synthesis from acetate & mevalonate, eff. of total-body x-irradiation in rats (It) 52105

cholesterol & fatty acid synthesis from various labeled precursors, eff. of total-body x-irradiation in rats (It) 52106

cholesterol content in rats, eff. of nicotinic acid 7236

cholesterol, eff. of pre-esterification of dietary cholesterol & inhib. eff. of esterified sitosterol in rat 5535

cholesterol mobilization, eff. of dietary β-sitosterol & cholic acid in mice 31401

cholesterol synthesis in vitro, eff. of thyroid 41348

choline dehydrogenase, soluble, isolation from rat liver & properties 1716

choline oxidase system in rat liver, determ. of components 9606

citric & succinic dehydrogenases in fetal & maternal livers in various stages of pregn. (It) 37352

citrulline-like material unrelated to carbamyl aspartate or carbamyl phosphate, detection in pigeon & rat liver homogenates 47975

cobalt & vitamin B12 levels in normal & cobalt-deficient lambs 19552

cocarboxylase, in pregn. (It) 37351

coenzyme A content, eff. of thiopental sodium anesth. in dogs (It) 13959

coenzyme A, eff. of ACTH, epinephrine & insulin in rats (It) 13961

coenzyme A in normal rabbits & in rabbits with exper. progr. musc. atrophy (It) 37388

coenzyme I breakdown & synthesis, eff. of choline & protein defic. in rat 16300

coenzyme I synthesis & eff. on levels of adenosine phosphates (It) 1939

coenzyme I synthesis & eff. on level of phosphorus cpds. in rats (It) 1938

coenzyme I synthesis, radiophosphorus incorporation into various fractions (It) 1940

collagen content in humans & rats, determ. from hydroxyproline content

combined eff. of diet & prolonged exposure to cold on rats 727

comparison in fetal & adult liver slices under aerobic & anaerobic cond. 730

conjugation of cholic acid in homogenates of liver specimens stored in deep-freeze unit 11670

conjugation of cholic acid in liver homogenates in various dis. including jaundice 11671

copper storage dis. 35650

cotinine form. after nicotine admin. in rabbits 52368

creatine & phosphocreatine synthesis from glycocyamine & phospho glycocyamine in vitro (It) 37359

cyclophorase activity in rats, eff. of tetrahydro-2-naphthylamine (It) 1885

cyclophorase activity of rat liver in vitro, eff. of tetrahydro-2-naphthylamine (It) 1887

degradation of androgens after admin. by perfusion of isolated liver, in rabbits (Fr) 38720

desoxyribonuclease activity & desoxyribonucleic acid synthesis in normal, in regenerating, in precancerous & in cancerous rat liver 29848

desoxyribonucleic acid & desoxyribonuclease, eff. of total-body x-irradiation in rat 39453

desoxyribonucleic acid content & nuclear volume after partial hepatectomy in guinea pigs & mice (Fr) 25439

desoxyribonucleic acid-protein complexes in rat liver homogenates, isolation & analysis 13733

desoxyribose-5-phosphate in rat liver 4739

dextran concentration after intravenous inject. in mice 5625

diaphorase determ. in rat liver mitochondria 1708

6-diazo-5-oxo-norleucine, concentrative uptake 44089

O,O-diethyl-S-2-diethylaminoethylphosphorothiolate destruction by liver homogenates in vitro 48469

dihydrofolic acid reductase from chicken liver, properties & partial purification 16925

3,5-dihydroxy-3-methylvaleric acid in rat liver homogenates, existence of factor essential for its utilization 31382

diiodotyrosine, thyroxin & triiodothyronine metab. by isolated perfused rabbit liver 49253

disord. in diabetes mellitus (Por) 51634

eff. of aging on rat liver slices 40875

eff. of carcinogens on enzyme activity of regenerating rat liver (Ger) 30265

eff. of different intrinsic factor prep. on vitamin B12 uptake in rat liver slices, radiocobalt study 20734

eff. of dinitro-o-cresol & temperature in homoiothermic & poikilothermic animals, comparison (Ger) 23079

eff. of long-term rice & rice-tapioca diets on liver of rats 2082

eff. of portal infusion of insulin on incorporation of radiocarbon labeled glucose into glycogen in rats (Ger) 49289

eff. of resp. load with oxygen, nitrogen & carbon dioxide in dogs (Ger) 30579

enzyme & pigment composition of different fractions of pig liver microsomes 13408

enzyme system from goat liver in biosynthesis of vitamin C, eff. of cyanides 25876

enzyme system from rat liver activating carboxyl group of methionine for interaction with ATP 13700

enzyme systems of fatty acid oxidation, activation by guanosine triphosphate in guinea pig (It) 49362

enzymic & morphol. comparison of normal & salt-extracted rat liver mitochondria 13400

epinephrine deactivation in liver of thyroxin-fed dogs (Pol) 53141

estradiol conversion to estriol in isolated rat liver 47960

△1,3,5-estratriene-3β,16α-diol-17-one & △1,3,5-estratriene-3β,17β-diol-16-one reduction by human liver slices (Ger) 27895

1,3,5-estratriene-3β-ol-16,17-dione (Ger) 46595

△1,3,5-estratriene-3β-ol-16,17-dione in human liver slices 42965

estriol form. from estradiol labeled in C16-position in fetal liver slices 37116

estrogen inactivation in rat liver in vitro, eff. of castration & estrogen loading (Ger) 23634

estrogen inactivation in vitro by liver from fetal, newborn & adult rats 12514

ethyl alcohol oxidation & conversion to acetoacetic acid in normal & glycogen-deficient intact rat liver (Ger) 49894

fat content & alkaline phosphatase activity in cattle near time of parturition 50472

fat content, eff. of x-irradiation of whole-body & of liver region alone in guinea pigs (Fr) 48797

fat uptake by isolated perfused rat liver, eff. of adrenal cortex & anterior pituitary hormones 35812

fats, formed decomposition of large fat drops in human & mouse liver cells (Ger) 45790

fatty acids, activation of oxidizing enzyme systems in guinea pig liver (It) 3457

fatty acids, arsenic acid inhib. of activation of oxidizing enzyme systems in guinea pig liver (It) 3458

fatty acid composition of cholesterol esters, eff. of dietary fat in rats 5536

fatty acids, long-chain, bicarbonate requirements for enzymic synthesis in animal livers in vitro 37102

fatty acids, short-chain, synthesis in homogenates from guinea pigs, eff. of prednisolone (It) 36727

fatty acid synthesis from glucose & role in lipogenesis in mice (Fr) 39919

fatty acids synthesis in pigeon liver (Ger) 46116

fatty acids, volatile, by perfused goat liver 44072

fluoride retention, eff. of dietary fats in rats 5542

folic acid, mechanism of enzymic N10-formylation in homogenates (Ger) 49904

formate & glycine incorporation into adenine & protein in mouse liver, eff. of nicotinamide 40555A

free amino acids in hypoxic convulsions in cats, electrophoresis (Ger) 25380

free amino acids in regenerating rat liver, eff. of colchicine (It) 13509

free-radical content in rat liver, determ. by electron spin resonance technic 29832

galactose-1-phosphate uridyl transferase, partial purification from calf liver 13748

glucose-6-phosphatase activity in pregn. rats 35739

glucose-6-phosphate dehydrogenase & 6-phosphate gluconic dehydrogenase activity, eff. of massive doses of nicotinamide in rats (It) 37510

glucose prod. in hyperglycemia 29866

glucosyl oligosaccharides, relation to glycogen metab., eff. of starvation, glucose feeding & insulin 7125

β-glucuronidase, eff. of x-rays in guinea pig (It) 1503

glucuronide form., eff. of menadiol tetrasodium diphosphate in rat liver slices (Ger) 21621

glucuronyl transferase defic., relation to exper. fetal erythroblastosis in rats 50935

glutamate dehydrogenase in calf & chicken liver, determ. of sulfhydryl group content & funct. in 40508

glutamic dehydrogenase, succinic oxidase & nitrogen in rats fed 3'-methyl-4-dimethylaminoazobenzene, eff. of adrenalectomy & desoxycorticosterone 3675

glutamic-oxalacetic transaminase activity in exper. hyperthyroidism in rats (It) 1948

glutamic-pyruvic transaminases, eff. of intraperitoneal actinomycin C in rats (It) 37501

glutathione, eff. of vitamin E defic. in rabbit 38262

glutathione synthesis, eff. of adrenalectomy in rats (Fr) 3078

glyceraldehyde dehydrogenase in rat liver (Ger) 23062

glyceride synthesis in microsome fractions of rat liver 37090

glycine & phenylalanine incorporation into proteins in vitro, eff. of testosterone & 6β-chlorotestosterone (It) 32591

glycine uptake by proteins in regenerating rat liver slices, dependence on ribonucleic acid biosynthesis 13777

glycogen & enzyme activity of liver of dystrophic inf. (Por) 40230

glycogen & phosphatase content, eff. of section of common bile duct (It) 38965

glycogen & ribonucleic acid content of hepatocytes, eff. of cortisone & x-irradiation in rats 20723

glycogen appearance in livers of salamander larvae, mechanism (Fr) 36508

glycogen, changes in phase of early reaction to x-irradiation in guinea pigs (It) 6913

glycogen content after parenteral admin. of glucose in x-irradiated rats (Rus) 33634

glycogen, eff. of anesth. & surg. 12064

glycogen, eff. of chlortetracycline (Rus) 36398

glycogen extraction in peculiar form from rat liver (Fr) 3036

glycogen fixation, eff. of polonium in animals (Rus) 51772

glycogen form. from 2-deuteriolactate in rat liver, location of deuterium & demonstration of coupling of oxidation of substrates to reductive biosynthesis 28237

glycogen, histochem. & microchem. study (Sp) 44510


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

glycogen levels, eff. of glucagon admin. in rabbits (It) 37381

glycogen levels in ketosis 7164

glycogen metab. in isolated rat liver 12535

glycogen phosphorolysis, eff. of adrenal cortex hormones in rat (Fr) 5770

glycogen phosphorolysis, eff. of estradiol, progesterone & testosterone in rat (Fr) 26862

glycogen, reversible disord. of phosphorolysis induced by asphyxia in frogs (Fr) 48860

glycogen, ribonucleic acid & desoxyribonucleic acid, quantitative changes in livers of tumor-bearing rats 49670

glycogen synthesis, eff. of exper. uremia in rats (It) 9938

glycogen synthesis in adrenalectomized rats under stress, eff. of glycine & hydrocortisone 35805

glycogen synthesis in fetal rabbits & rats, role of pituitary, adrenals & placenta (Fr) 48817

glycogen synthesis in rats, eff. of purity & route of admin. of injected glucagon 3425

glycogenesis, eff. of hypoglycemic arylsulfonamides (Fr) 38685

glycogenolysis, eff. of hypothermia in rat (Fr) 5769

glycogenolysis, failure of blood glucose levels to reflect hepatic glycogenolysis after glucagon admin. in rats 20783

glycolysis & resp., eff. of DAB in rats (Ger) 23073

glycolysis, eff. of artif. hibernation in rats (It) 11830

glycolytic metabolites in isolated rat liver nuclei (Ger) 49330

hexokinase in fetal & maternal liver in various stages of pregn. (It) 37350

hexosamine & hydroxyproline content, eff. of somatotropin & cortisone acetate in rats (It) 47821

hexosamine in embryonic tissue culture (It) 37349

hexosephosphate conversion to heptosephosphates in rat liver homogenates, enzyme mechanisms (Fr) 26336

high-energy phosphate levels in squirrels during hibernation & after arousal 12524

histamine binding in dog liver particles, mechanism 48456

histamine catabolism by cat liver homogenates, enzyme pathways 13389

histidase in rats fed p-dimethylaminoazobenzene, electrophoresis 49665

homogentisic acid form. by enzymic oxidation of p-hydroxyphenylpyruvic acid in liver homogenates (Ger) 49908

3-hydroxyanthranilic acid enzymic conversion to quinolinic acid by rat liver slices 3437

3-hydroxyanthranilic acid oxidase, inhib. by N-2-fluorenyl-acetamide & N-2-fluorenyldiacetamide, eff. of coenzyme I in rat 52331

in adrenalectomized protein-deficient rats, eff. of cortisone on hepatotropic action of cystine & on synthesis of hepatic glutathione (Fr) 48864

in hibernating bat Rhinolophus hipposideros, histotopochem. (Fr) 15133

inositol phosphatide of liver, determ. of its organ-specific antigenicity (Ger) 33970

insulinase, role in hypoglycemic eff. of carbutamide (Rus) 37177

iron, in exper. radiation-induced anemia (It) 53791

Δ4-3-ketosteroids, rate of ring A reduction in vitro by rat liver, sex differences 39211

kinetics of endogenous resp. in frog liver, eff. of temperature (Ger) 46178

labile & constant fractions in ribonucleic acid of rat liver cytoplasmic fluid (Fr) 38761

lipids, analysis of fatty acids in various hepatic lipids in rat (Fr) 38658

lipid biosynthesis from various precursors, eff. of triton WR-1339 in rats (It) 37451

lipids, eff. of glutathione & dietary cholesterol excess (Rus) 48011

lipid fractions, eff. of acute ethyl alcohol pois. in rats 739

lipid substance causing inhib. of dehydration of vitamin A1 in vitro (Fr) 48852

lipoproteins, low- & high-density, biosynthesis in rat liver in vitro 37131

β-lipoprotein overprod. in etiol. of arteriosclerosis, review 30489

lysine uptake in mice at different ages 5479

lysolecithin metab. pathways in soluble rat-liver system 13836

malic dehydrogenase determ. in microsomes 52447

malic dehydrogenase & reduced diphosphopyridine nucleotide cytochrome c reductase, eff. of choline & protein defic. in rat 16301

manganese uptake from blood in man 4856

meperidine decomposition by liver homogenates (Cz) 48630

metabolic isotope transfer from soluble nucleic acids to microsomal nucleoprotein in cell-free rat liver system 3515

3'-methyl-C14-4-dimethylaminoazobenzene in rats 3671

methylation of histamine by mouse liver in vitro 13019

mitochondrial subfragments with phosphorylating activity, prep. with digitonin 40537

molybdenum content of liver tissue in horses 19670

mucoproteins in exper. nephritis induced by heteroantibodies (It) 39855

naphthalene hydroxylation in rat liver microsomes by enzyme systems 37074

neutral fat uptake by isolated perfused rat liver, eff. of sex of animal, fasting & alloxan diabetes 35811

nicotinamide, relation to pyridine nucleotides & N1-methylnicotamide 9588

nitrogen, eff. of vitamin B defic. in rats 28059

nitrogen, succinic dehydrogenase & xanthine oxidase levels, eff. of dietary protein defic. in rats 40062

p-nitrotoluene, enzymic oxidation in rabbit liver homogenates 40557

norethisterone & 19-nor-progesterone inactivation in liver of guinea pig 39872

nucleic acid determ. in human liver homogenates (Ger) 27845

nucleic acids, eff. of exper. ascites hepatoma in rats (Fr) 15148

nucleic acid, eff. of orotic acid on level in rats (It) 35533

nucleic acid in DAB-induced cancer in rats (Ger) 34168

nucleic acids, in subacute plutonium pois. in dogs (Rus) 33561

nucleotide utilization & ribonucleic acid synthesis, eff. of exper. protein defic. in rats (Fr) 37834

organic thiophosphates, enzymatic conversion to anticholinesterase agents in rat liver, eff. of various factors 17941

ornithine-carbamyl transferase activity in mammalian liver, activation by substance in E. coli 25864

oxaloacetate in rat liver, microcolorimetry 13694

oxidation of blood cholesterol by liver, eff. of diet & seasonal variations in guinea pigs & rats (Fr) 26693

oxidation of formate & of methyl group of methionine in liver homogenates from normal mice & from tumor-bearing mice 26472

oxidative phosphorylation in isolated mitochondria, dependence on mitochondrial adenosine nucleotide concentration (Ger) 2590

oxidative phosphorylation in rat mitochondria, eff. of disulfiram, acetaldehyde & other aldehydes 8498

oxygen consumption & 5-hydroxytryptamine oxidase activity of homogenates from patients with various dis. (It) 331

oxygen consumption in vitro, eff. of atropine, serotonin & primidone (It) 1884

oxygen consumption of rat liver slices & homogenates, eff. of placenta extracts (Ger) 36960

oxygen fixation from lipid peroxides on double bonds on unsaturated fatty acids in vitro (Fr) 37830

partition of selenium-75 in intracellular particulate matter of rat liver 52415

permeability of isolated rat liver mitochondria to various metabolites at 0 degrees 37080

phenylalanine incorporation into proteins during liver regen. in rats, eff. of homologous plasma admin. (It) 1908

phosphatases, acid & alkaline, in rats fed p-dimethylaminoazobenzene, electrophoresis 49666

phosphatases in rats (Ger) 33604

phospholipid incorporation of carbon-14-labeled serine in rat liver mitochondria in vitro 52348

phospholipids, incorporation of diethanolamine in rat liver 16902

phospholipid metab. during regen. after partial hepatectomy in rats (It) 32590

phospholipid synthesis & sulfhydryl activity, inhib. by vanadium in rats 7216

phosphoprotein synthesis in frogs 31464

phosphorus, in exper. tuberc. in guinea pigs (Rus) 31338

phosphorus uptake by mouse liver mitochondria in vitro 50572

phosphorylases, eff. of high fat & high carbohydrate & of fasting in rats 44117

phosphoserine, enzymic exchange with L-serine in chicken & rat liver prep. 40552

O-phosphoserine phosphatase from chicken liver, purification & properties 40553

proteins, autoradiographic analysis on agar plates of labeled antigens from rat liver 42981

protein biosynthesis in rat liver, inhib. eff. of ethionine, sex differences 4756

proteins, eff. of lysergic acid diethylamide in growing rats, comparison with lysine (Ger) 26991

proteins, hubrol-fractionation of proteins of rat liver microsomes 13733

protein metab. in isolated perfused liver, eff. of somatotropin & insulin as influenced by varying amino acid levels in perfusate 5261

proteins, review (Sp) 53910

proteins, site of origin of cell-sap proteins labelled by incorporation of radiocarbon-labelled amino acids in cell-free system from guinea pig liver 13740

protein synthesis in vitro, eff. of testosterone propionate & 4β-chlorotestosterone acetate 19467

purified enzymatic prep. in synthesis of alanine from pyruvic acid & ammonia (Rus) 37131

purine-metabolizing enzymes in normal rat liver 2701

pyridine nucleotides in rat liver mitochondria 19488

rat liver enzyme systems enhancing glutathione reduction of insulin 40544

reduction of ring A of cortisone, eff. of thyroxin, triiodothyronine & thyroidectomy in rats 12549

ribonucleic acid concentration in liver nucleoli of protein-fed & protein-deprived rats, interferometric determ. 3501

ribonucleic acid, content, comparison with content of DAB-induced hepatomas (Fr) 44614

ribonucleic acid deaminase in rats fed p-dimethylaminoazobenzene, electrophoresis 49667

ribonucleic acid in liver cytoplasm 7201

ribonucleoproteins in rat liver cytoplasm, biol. factors 40592

ribose-5-phosphate behavior in early reaction phase in x-irradiated guinea pigs (It) 42593

role of blood proteins in liver mitochondria of rats, eff. on vital storage in transport & metab. experiments (Ger) 6880

rose bengal localization after admin. to guinea pigs & rabbits, radioautographic determ. (It) 37445

rubidium, uptake of radiorubidium in heart dis. & healthy persons, significance in studying potassium uptake 16340

serum albumin, catabolism in perfused rat liver 37054

steroid-Δ4-hydrogenases of rat liver 44080

substance binding radiocobalt-labelled vitamin B12 in pig liver, eff. on intestinal absorp. of vitamin B12 18426

succinate oxidation, eff. of vitamin E, in rat liver mitochondria 40568

succinic dehydrogenase activity in rats, eff. of tetrahydro-2-naphthylamine (It) 1886

succinic dehydrogenase activity of rat liver in vitro, eff. of tetrahydro-2-naphthylamine (It) 1880

succinic dehydrogenase during rapid growth following partial hepatectomy in mice, histochem. 47087

succinic dehydrogenase, eff. of ajmaline, reserpine & serpentine in rat 4191

succinic dehydrogenase, eff. of sex hormones in rats (It) 44262

succinic oxidase system in rat liver mitochondria, mechanism of interaction between 2 electron acceptors 50071

succinic oxidase system in rat liver mitochondria, site of action of electron acceptors & relation to site of inhib. by urethane 50070

sulfhydryl cpds., intracellular level changes in rat during carcinogenesis 7132

testosterone degradation in rat liver tissue (Ger) 49917

tetrahydro-2-naphthol, conversion to tetralin-p-quinol & protein-bound deriv. in rat liver microsomes 16929

thetin homocysteine methylpherase from rat liver 13716

L-threo- & L-erythro-β-phenylserine enzymic cleavage & synthesis in liver extracts (Ger) 25804

thyroxin, triiodothyronine & their acetic & propionic acid analogues, metab. by rat liver in vitro 49252

thyroxin uptake & excretion into bile, mechanism 6266

transaminase content of parenchymatous cells 49639

triiodothyronine in rat liver mitochondria in vitro 49260

tryptophan-α-ketoglutaric & tyrosine-α-ketoglutaric transaminase basal & adapted levels in vitamin B6 defic. rat, response to hydrocortisone 28265

tryptophan peroxidase, changes in activity in fetal & postnatal guinea pig liver 21705

tryptophan peroxidase in rat liver, induction by alloxan & insulin 4754

tryptophan peroxidase-oxidase activity stimulated by cortisone admin., eff. of ethionine in rats 49265

uracil-3-C14 incorporation in ribonucleic acid in rat, eff. of N-2-fluorenylacetamide, somatotropin, testosterone & hypothyroidism 2677

6-uracil methyl sulfone in liver homogenate 26460

vitamin A storage in peanut-fed rat, eff. of antibiotics & vitamin B12 17830

vitamin B1 in normal & thiamine-deficient rats, eff. of penicillin 50966

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

vitamin B6 content, eff. of dietary protein in rats under vitamin B6-deficient diet (It) 13964

vitamin B12 content, bio-assay of needle biopsy material 36252

vitamin B12 deposition & storage in normal & pathol. liver 49714

vitamin B12 deposition, storage & discharge in dog, radiocobalt determ. 41033

vitamin B12 storage & discharge in pernicious anemia, radiocobalt determ. 41034

vitamin B12 uptake, radiocobalt determ. 41032

vitamin C, eff. of scurvy in guinea pig 15618

vitamin C synthesis by liver extracts of vitamin E-defic. rats & rabbits, manganese & cobalt ion requirements 28233

*neoplasms see* LIVER NEOPLASMS

***pathology***

aspiration liver biopsy in diag. of miliary tuberc. 51548

biochem. & cytol. (Dut) 27554

biopsy, cytol. exam., diag. value (Sp) 6847

biopsy, diag. value in sarcoidosis (Ger) 11060

biopsy, Menghini method (Ger) 22759

biopsy, needle 4963

biopsy, new needle for punch technic (Fr) 53445

biopsy, percutaneous needle method 15267

biopsy, punch type, diag. value (It) 43338

biopsy technics, histol. evaluation 11811

biopsy with new type needle 6201

eff. of exper. ligation of common bile duct on liver structure & funct. in rats 5646

histochem. in exper. kwashiorkor-like cond. in mice & rats 2057

hypertrophy in venous hypertension, in vitro studies on human livers (Ger) 33531

in anicteric leptospirosis (It) 21500

in congestive heart failure, biopsy (Sp) 21035

in kwashiorkor 4233

in mitral insuff. & stenosis, clin. study & review (It) 53582

in myocardial sclerosis (It) 53592

in normal pregn., pre-eclampsia & eclampsia, comparison 18408

in schistosomiasis, needle biopsy 46904

intracytoplasmic ferric inclusions in normal rats (Fr) 3090

intranuclear bodies in exper. virus infect., histochem. study 5637

involvement in generalized drug hypersensitivity reaction, postmortem aspects 135

liver cord cells of arginine-deficient chicks, cytopathol. 5544

necrosis & postnecrotic cirrhosis caused by anicteric viral hepatitis, clin. manifest. & pathol. 570

needle biopsy, diag. value in fatty liver in child, case report 27989

physiopathol. of hepatic cell, electron microscopy (Fr) 2295

postmortem histopathol. in Surinam population 33143

watery vacuolation, prod. in mice by intravenous inject. of saline, Evans blue, dextran & heparin 38955

***physiology***

antigenic composition in carcinogenesis (Rus) 55321

bile acid secretion, influence of level of bile acids in portal blood in rats 311

bile secretion, eff. of sodium fluoride in rats (Fr) 3088

blood sugar regulation, review 46856

clearance concept, review (Fr) 54009

eff. of burns on paranecrotic efficiency in child. & adults (Pol) 30697

eff. of exper. lesions induced by hepatotoxic substances on antibody form. in rabbits (Ger) 11235

eff. of exper. lesions on hyperthyroidism (Rus) 53450

eff. of human liver homogenates on oxidation of blood cholesterol in patients with cholelithiasis (Fr) 46893

eff. of hunger on metabolite concentration in rats (Ger) 46094

eff. of increased retention in dog 4657

eff. of liver hydrolysates on exper. liver dis. in rats (Ger) 33974

eff. of liver lesions on glutamic-oxalacetic & glutamic-pyruvic transaminase activities in blood & lymph in dogs (Hun) 53894

eff. of loading of Kupffer cells with dye on DAB-destroying ability of rat liver slices 39452

eff. of organ shock on lymphatic circ. of liver in dogs, isotope study (Ger) 23740

eff. of regen. on response to cancer nucleoprotein extracts in rats, histopathol. (Sp) 18818

eff. of surg. trauma on histol. of liver 11869

eff. of sympathetic NS stimulation on venous lactic acid blood levels in rabbits (Ger) 30531

eff. of trauma. shock in goats 54893

eff. of vitamin B2 admin. on liver funct. in infect. hepatitis (Rus) 33344

eff. of vitamin B6 admin. on liver funct. in infect. hepatitis (Rus) 33348

eff. of vitamin B12 admin. in single dose on liver funct. (Rus) 33351

eff. of water-soluble vitamins on liver funct., comparison (Rus) 33340

eff. of water-soluble vitamins on liver funct. in various dis., mechanism (Rus) 33341

evaluation in healthy adult Nigerians 4893

excretion of chlorpromazine & its eff. on biliary tract 36561

extraction of substance in rabbit liver which inhibits thymine synthesis by bone marrow in vitro 54419

factors influencing survival of liver cells during autolysis 51037

flow of lymph from liver in dog 47117

funct. immaturity in premature inf. & relation to kernicterus 4316

genesis & number of large & binucleate liver cells in & after absolute hunger in mice (Ger) 55619

in native Africans, comparison with Europeans 54501

in premature inf., biligenetic activity, bile pigment concentration, presence of indirect bilirubin & persistence of hepatic hemopoietic activity (It) 36621

indocyanine green uptake & biliary excretion after intravenous admin. in dogs 31281

interrelation with adrenal cortex, review (Fr) 214

Kupffer cell breakdown of radioiodine-labeled heat-denatured serum albumin in mice 14096

metab. & morphol. changes in mouse liver during 24 hour period 12536

organ specificity of mitochondrial & microsomal fractions of normal & regenerating rat liver (It) 33375

peripheral regulation of thyroid funct. (Fr) 2372

phagocytosis of bact. by RE system in isolated perfused rat liver, opsonic eff. of normal sera 40066

possible interaction between blood proteins & various substances excreted by liver, electrophoresis (It) 37469

radioiodine content in thyroid funct. tests, value of determ. (Ger) 33862

rate of disappearance of tobacco mosaic virus after inject. into liver of mice & rats, comparison with spleen

regen. after exper. dietary inj. in mice, role of cholangioles 17888

regen. after exper. partial hepatectomy in rats, eff. of chlorpromazine & hexamethonium (It) 37399

regen. after partial hepatectomy in hypothyroid rats, eff. of thiouracil & triiodothyronine 35108

regen. after partial hepatectomy in rats, eff. of artif. hibernation (It) 1488

regen., eff. of 2-aminoethanethiol in irradiated rats (Ger) 45265

regen., eff. of carbutamide, intrahepatic free methionine metab. (It) 37486

regen., eff. of carbutamide, morphol. & ponderal factors (It) 37485

regen. in partially hepatectomized rats, eff. of pregn. 44128

regen. induced in exper. degen. by inject. of serum factor from partially hepatectomized rats (It) 32592

regen., intrahepatic methionine metab. (It) 37487

regen. of various cellular components in rat livers after subtotal hepatectomy 1306

regen., protein composition of regenerating rat liver, paper electrophoretic pattern 15676

relation of morphol. intravital changes of funct. (Rus) 10231

reaction to hypoglycemic eff. of tolbutamide (Ger) 1595

relation to postop. hemorrh. (Ger) 52217

reticular tissue behavior after partial hepatectomy in terms of liver regen. in dogs (It) 39679

role in degradation of hydrocortisone in child (Fr) 48882

role in detoxication of nitrogen mustard 31324

role in excess blood hexosamine levels caused by stress 32228

specific heat in dogs (Ger) 55451

tissue-specific antigen distribution in centrifugal fractions of rat liver 52349

use of rat liver homogenates for in vitro assay of hog intrinsic factor 20719

***radiography***

gas contrast x-ray visualization, comparison with postmortem findings 35702

indirect visualization by automatic radioisotope scanning system & representation on film 16347

rotational scanning technics 53729

x-ray with sciatiography after admin. of radio-gold, method & diag. value (It) 19241

***rupture***

central, diag. & clin. features (Ger) 21601

closed, causing biliary peritonitis (Rus) 45122

in newborn & premature inf. & fetuses undergoing abortion (Ger) 49110

spontaneous, in pregn. (Dut) 7342

spontaneous in pregn., case report 20071

spontaneous, review & case report 4153

traum. (Sp) 949

traum. non-penetrating, case report 21837

***surgery***

anatomical & pathol. factors in surg. accessibility 9032

anesth., segmental peridural (It) 42487

approach to left lobe (Bul) 41581

excis. of left lobe, indic. & technic (Ger) 11387

exper. subtotal hepatectomy, postop. regen. of liver, eff. of adenylpyrrophosphate (It) 47817

hepatectomy, controlled, indic. & technics (Fr) 24240

hepatic lobectomy, indic. & technics 47239

partial & total hepatectomy, eff. on serum phosphatase (It) 36965

partial right hepatectomy, abdom. approach, case report (Fr) 6397

radical, review (It) 48667

resection for cysts of biliary tract, indic. & technics (Fr) 24248

types (Sp) 43893

***transplantation***

fetal liver tissue as source of hemopoietic components for transpl. in humans, technic 46607

pituitary tumor induction in rats by testicular grafts of liver tissue from pregn. rats fed non-carcinogenic doses of p-dimethylaminoazobenzene (Fr) 37804

tissue preserv. from rats adapted to intermittent cold (Cs) 38304

***wounds and injuries***

blunt inj. (Dut) 52521

blunt inj., differ. diag. (Ger) 34527

diag. & surg. indic. 32730

etiol. & ther. (Ger) 37759

non-penetrating inj., case reports 42811

types & surg. 41850

## LIVER CIRRHOSIS

*see also* HYPERTENSION, PORTAL

classif., clin. manifest. & diag. (Sp) 20841

clin. course & ther. (Rus) 22159

cryptogenic cirrhosis, natural hist. 35180

diag. & ther. (Sw) 43237

dietary factors & ther. (Sp) 15501

etiol., clin. aspects & ther. 48408

etiol., differ. diag. & case reports (Ger) 49869

Laennec's cirrhosis, review (It) 39643

pathogen. & ther. (Fr) 49743

physiopathol. & clin. aspects, review (It) 8583

pigmentary (Dut) 1620

postnecrotic (Fr) 35146

***blood in***

ammonia, eff. of kanamycin 25016

bilirubin, eff. of dehydrocholic acid (It) 52080

cholesterol excess 523

coagulation tests, diag. value in assoc. hepatic insuff. (Rus) 33227

disord. (Fr) 31985

esterolytic activity (Cs) 44872

ethyl alcohol levels & variations (Fr) 26300

glutamic-oxalacetic transaminase in posthepatitis cirrhosis, eff. of prednisone (Ger) 18341

hypoprothrombinemia, ther., vitamin K 1 (Fr) 50770

lipoprotein lipase response in Laennec's cirrhosis 44111

phosphatases, eff. of acetazolamide (Sp) 38528

proteins (Rus) 45695

pyruvic acid levels after inject. of sodium pyruvate (Fr) 26660

serotonin in alcoholic cirrhosis, biol. assay using rat colon (Fr) 31912

*case reports*

atrophic, with diffuse cysticercosis of corpus striatum (Bul) 16430

etiol. & ther. (Ch) 36371

hepatosplenic cirrhosis with Sheehan synd. in pernicious anemia (Sp) 8848

periodic insulin resist. in diabetes mellitus with splenomegaly & liver cirrhosis (Hun) 29150

precirrhosis (Fr) 1453

39857

with chronic suppurative pancreatitis, pancreatic abscess & multiple defic. dis. (Sp) 44504

with collateral umbilical circ., progn. (It) 25561

with metastatic hepatoma, clin. pathol. conf. 52630

with peptic ulcer & pancreatic pseudocyst, clin. pathol. conf. 19856

with ulcerative colitis, interrelation 11983

*complications*

alcoholic cirrhosis with leukemoid reaction, differ. diag. from leukemia 27518

ascites, differentiation from ascites caused by nephritis by radioiodinated human serum albumin clearance 50020

ascites, eff. in intrapleural pressure 40916

ascites, ther., $\Delta^4$-estrene-17$\beta$-ol-3-one-17$\alpha$-(3-propionic acid $\gamma$-lactone) 28997

cancer of gallbladder with metastasis to porta hepatis, clin. pathol. conf. 43134

cancer of liver, case reports (Fr) 51400

cancer of liver, diag. problems (Rus) 45104

cancer of liver, review (It) 1487

cardiac, with constrictive pericarditis, eff. of pericardectomy (Fr) 7058

cerebral compl., eff. of kanamycin on ment., EEG & tremor manifest. 25015

congestive heart failure in bronze cirrhosis (Fr) 9636

diabetes mellitus in alcoholics, incidence 35169

esophageal varices, diag. before hemorrh. 46951

esophageal varices with hematemesis, differ. diag. & ther. with Blakemore's catheter with balloons (Fr) 10035

extrahepatic compl. in Laennec's cirrhosis 40313

gastrointestinal hemorrh., diag. value of posthemorrhagic blood ammonia (Fr) 21265

hematuria, persistent macroscopic (Fr) 31087

hemochromatosis & melanodermic porphyria in pigmentary cirrhosis (Ger) 11210

hemorrh. of esophageal varices, surg., portacaval shunt, review 1214

hemosiderosis in alcoholic cirrhosis (Fr) 2482

hepatic coma in alcoholic cirrhosis, classif., diag. & ther. (Fr) 15885

hepatic encephalopathy caused by alcoholic cirrhosis, clin. pathol. conf. 3983

hypoprothrombinemia & hemorrhagic diathesis, case report (Hun) 43454

induction of impending hepatic coma by 6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide, prev. by antibiotics 43130

obstruct. jaundice synd. as a phase of extensive parenchymatous liver damage due to cirrhosis 12296

parotid gland enlargement, case reports 1152

pleural effusion 27521

portal hypertension, surg., portacaval shunt (Ger) 39836

purpura, hyperglobulinemic (Ger) 44938

transient hepatargy with chronic cardiomyopathy in alcoholic 16063

tuberc. morbidity in alcoholic cirrhosis 31905

uremia, relation to blood ammonium levels 34872

*diagnosis*

bromsulphalein test (Sw) 43238

*differential diagnosis*

cancer, determ. of prothrombin & fibrinogen in ascitic fluid (It) 20819

*etiology and pathogenesis*

(Rus) 9894

alcoholism, diet ther. (Fr) 9121

arsenic-contaminated drinking water in several members of a family (Hun) 43444

arsenic pois. (Ger) 34039

atrophic, due to hepatic tuberc. (Rus) 54576

benzene pois., with osteosclerotic leukoerythroblastic anemia & miliary tuberc. (Ger) 27447

cholelithiasis causing bile obstruct., case reports (Fr) 36653

chronic arsenic pois. causing ascites, liver cirrhosis & kidney damage (Hun) 53935

histogen. & mechanisms of form. in fibrosis 5407

infect. hepatitis (Rus) 45101

insuff. of hepatic & splenohepatic mesenchyma & parenchyma (It) 31687

kwashiorkor & geophagia in Morocco (Fr) 24287

liver necrosis & anicteric viral hepatitis, clin. manifest. & pathol. 570

lupus erythematosus, case reports 30108

non-alcoholic cirrhosis (Fr) 39422

nutritional dystrophy (Ger) 365

nutritional factors in Morocco (Fr) 18625

possible causation by infect. hepatitis 1091

relation to alcohol consumption & dietary status, survey in France (Fr) 31980

schistosomiasis, incidence of hypertension, statist. 11306

schistosomiasis, with hepatoma & spontaneous rupt., case report 38413

thorotrast, case report (Sp) 43865

virus hepatitis, autopsy studies (Ger) 54384

visceral leishmaniasis, pathol. (Por) 15954

*experimental*

anticeroid action of 4-butoxy-4'-dimethylaminothiocarbanilide in rats (Sp) 9678

carbon-tetrachloride induced, histogenesis & eff. on liver vascularization (It) 37155

carbon tetrachloride-induced in rats, eff. of admin. of salt-sulfate-alkaline water on sulfur content of liver (It) 36970

desoxypyridoxine-induced, in vitamin B6-defic. rats (It) 39673

eff. of alcohol & dietary cholesterol alone & in combination on induction in rabbits (Rus) 52948

eff. of prednisolone on connective tissue form. in rats (Ger) 33981

in monkeys 41887

$\alpha$-naphthyl isothiocyanate induction of biliary cirrhosis free from biliary obstruct. in rats, histopathol. 5689

stimulating eff. of partial hepatectomy on liver regen. in cirrhotic rat livers 16399

*immunology*

auto-antibodies (Fr) 9104

*in infant and child*

biochem. 50005

caused by hepatitis after measles, case report (Sp) 46669

caused by infect. hepatitis (Rus) 7889

classif. (Sp) 46669

histopathol. 4232

in Indian child. 48302

mechanism of copper storage dis. 35650

postnecrotic, with giant cell hepatitis & rickets, clin. pathol. conf. 28513

with congen. dilat. of intrahepatic bile ducts & other abnorm., case reports (Fr) 31982

with polycoria (Fr) 42008

*manifestations*

clin. forms (Sp) 29367

palm-chin reflex (Ger) 52567

sodium-water retention (Por) 8757

*metabolism*

carbohydrates (Ger) 22953

enzymes of human cirrhotic & precirrhotic liver homogenates, microanalysis 15023

radioiodine 50063

water-mineral metab. (Pol) 50804

zinc (Ger) 39049

*pathology*

bone marrow & blood counts before & after splenectomy in schistosomal cirrhosis 4959

differential features of 7 types 11645

fibrous tissue demonstration by radioautography with tritiated thymidine 46491

Laennec's cirrhosis, clin. aspects 532

postmortem study of cardiovasc. system in fatal cirrhosis 49

postnecrotic, relation to infect. hepatitis 18382

splenic & lymph node changes, relation to hypergammaglobulinemia 34942

*physiology*

adrenal cortex 11758

eff. of vitamin B12 admin. on liver funct. & course of dis. (Rus) 33353

intrahepatic vascularization (Sp) 8915

relation of aldosterone secretion in prod. of ascites in cirrhosis & use of aldosterone antag. in ther. (Sp) 44516

renal funct. (It) 29706

renal funct., eff. of ligation of hepatic artery & other branches of celiac axis (It) 29705

renal funct. in Laennec's cirrhosis, review 51672

thyroid radioiodine fixation test in alcoholic cirrhosis (Fr) 1454

*statistics*

relations between mortal. from liver cirrhosis & mortal. from alcoholism, & between mortal. from liver cirrhosis & alcoholic consumption 10392

*surgery*

combined hepatic & portal decompression by double portacaval shunt for treatment of ascites 30096

indic. 22097

neurectomy of hepatic artery, immediate results (It) 7754

perop. hemorrh., eff. of whole blood transfusion 46949

portacaval anastomosis (Fr) 39856

portacaval anastomosis, eff. on liver hemodynamics 54760

portacaval anastomosis in portal cirrhosis (Sp) 25940

portacaval shunt, follow-up (Fr) 31111

ureterosigmoidostomy, postop. hepatic coma, case report 10463

*therapy*

(Por) 50086

acetazolamide & 6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1(2H)-dioxide in ascitic liver cirrhosis, alone & combined 43148

acetazolamide in ascitic cirrhosis causing hepatic coma (Ger) 21615

ACTH & adrenal cortex hormones causing diabetes mellitus (Sp) 8187

adrenal cortex hormones in cirrhotic edema, mechanism of action (Fr) 31986

6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide 45041

6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide (Fr) 36623

6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide, diuretic eff. (It) 8575

concentrated human serum albumin, results (It) 26626

cortisone (Ger) 38996

cost of hosp. of alcoholic cirrhosis patients in France (Fr) 32404

diets (Ger) 11177

diet ther. 35894

glucocorticoids, review (It) 47823

human serum albumin solutions, value in cirrhosis & ascitic cond. (Fr) 47325

Laennec's cirrhosis 30924

lipotropic factors as diet supplement (Rus) 45173

prednisone (It) 3004

prednisone (Sp) 44512

prednisone & prednisolone (Fr) 21337

prednisone, causing pseudorheum. after withdrawal (Ger) 51836

prep. containing vitamins B12, C & PP with folic acid (It) 29598

review (It) 20959

triamcinolone, clin. study & review (It) 47820

*urine in*

aldosterone, 17-ketosteroids & 11-oxycorticosteroids, interrelations (It) 53767

5-hydroxyindolacetic acid, eff. of 5-hydroxytryptophan 49696

hyperaldosteronuria after prednisone & 6$\alpha$-methylprednisolone ther. of edematous liver cirrhosis, mechanism (Fr) 37923

pyruvates, eff. of fructose (Cz) 26516

## IVER DISEASES

*see also* ACUTE YELLOW ATROPHY

*see also* AMEBIASIS, HEPATIC

*see also* FATTY LIVER

*see also* HEPATIC COMA

*see also* HEPATITIS

*see also* JAUNDICE

*see also* TUBERCULOSIS, HEPATIC

(Sp) 21173

alimentary hepatosis as manifest. of kwashiorkor (Por) 8767

cyclopropane anesth. in patients with defective liver funct. (Pol) 20446

diag. & ther., review 18674

diag. & surg., review (Fr) 24264

echinococcosis, compl. & diag. (It) 53785

echinococcosis, pathol. & surg. (Fr) 31977

etiol. & ther. of chronic dis. (Ger) 11169

hepatomegaly in cystic fibrosis of pancreas (Fr) 8149

hepatorenal synd. (Ger) 11147

insuff., clin. manifest. & ther. (Ger) 49680

insuff., review (Ger) 49681

parenchymatous dis., review 3687

physiopathol., metab. & diet ther. (Sp) 3322

3329

relation to etiol. of pernicious anemia, review (Ger) 37232

schistosomiasis (Sp) 53367

***blood in***

amino acid level after glycine loading, eff. of α-lipoic acid admin. (It) 36721

ammonia, determ. technic (Ch) 38379

ammonia determ., technics & diag. value 2845

ammonia, eff. of iproniazid 38616

ammonia, significance (Fr) 31106

blood coagulation (Ger) 27196

enolases, eff. of carbon-tetrachloride-induced hepatic necrosis in mice (It) 13980

enzymes, before, during & after peridural anesth. (Ger) 388

fibrinolysis, determ. by fibrin plate method 22227

β-glucuronidase, diag. value 49716

glutamic-oxalacetic transaminase (Ger) 46041

glutamic-oxalacetic transaminase activity, clin. significance (Ch) 38374

glutamic-pyruvic transaminases, diag. value (Fr) 47357

hexose mucoproteins, correlation with liver funct. tests (Nor) 19948

iron (Tur) 45444

lipids, eff. of inositolhexa-acetate ther. (It) 39317

lipoproteins (Sp) 8846

lipoproteins, correlation between changes of electrophoretic patterns & chem. lipid determ. 24414

platelet adhesiveness, count & thromboplastin activity (It) 3860

portal ammonia, eff. of nitrogenous substances on levels in chronic liver dis. 17571

protein & leukocytes, review (Ger) 39898

proteins, differ. diag. value in chronic dis. (Ger) 52204

prothrombin time response to admin. of vitamin K & bishydroxycoumarin, review (It) 36798

thromboplastin generation test (It) 39782

transaminases (Fr) 53443

transaminases (It) 2006

transaminases (Sp) 18858

transaminase activity, relation to liver histol. (It) 42682

transaminases in liver dis. & neoplasms (It) 189

trihydroxy-dihydroxy bile acid ratio, determ. & significance 17058

vitamin B12 (Rus) 10232

vitamin B12 content, determ. 52634

zymohexase, diag. significance (Rum) 30284

***case reports***

clinically pure leukosic hepatomegaly (Fr) 53431

constitutional liver disord. (Ch) 38381

echinococcosis (Dut) 1624

echinococcosis, alveolar (Fr) 9100

53433

echinococcosis in Europeans living in Belgian Congo (Fr) 11863

echinococcosis of left lobe (Fr) 24247

echinococcosis, surg. (Pol) 53133

hepatomegaly with lymphatic leukemia & lower abdom. manifest., unusual case (Fr) 6315

hepatosplenomegaly complicating 1 of 4 cases of Laurence-Moon-Biedl synd. 17753

pedicular adenopathies (Fr) 30468

***complications***

anemia, hemolytic, caused by diethylstilbestrol ther. of acne & amenorrhea in patient of pulm. tuberc. 22329

biliary rupt. of echinococcosis causing stenosing odditis (Fr) 24249

calcification, suppuration & fistulization of residual cavity in marsupialised echinococcosis of liver, surg., epiplopiasty (Sp) 20635

cancer of mouth, liver dysfunct. as predisposing factor 54761

cholangitis, review (Ger) 15642

chronic hypoplastic anemia with hepatomegaly, case report (Ger) 21649

circ. disord. (Dut) 49604

cochlear deafness in funct. disord. of liver (It) 30343

echinococcosis, hepatopulm. with hypertrophic pulm. osteoarthropathy (Fr) 17660

echinococcosis, rupt. into bile ducts (Sp) 39100

echinococcosis with alveolar hydatid cysts, review & case reports (Fr) 31908

echinococcosis, with bronchial dehiscence (Sp) 8216

echinococcosis with choledochal obstruct., radiomanometry & choledochotomy (Fr) 24253

echinococcosis, with cholelithiasis (Fr) 51466

echinococcosis, with subcutaneous rupt. of cyst (Sp) 42217

echinococcosis, with thrombosis of inferior vena cava (Bul) 32751

elevated serum glutamic-oxaloacetic transaminase level caused by acute hepatic congestion 12307

gastric fibrosis, anadenia & gastritis in chronic liver dis. (Ger) 49692

gastrointestinal hemorrh., ther., panel discussion 522

Hegglin's synd. of energetic-dynamic cardiac insuff., incidence & prognostic significance (Ger) 49130

hormonal disord. (Fr) 31981

labile pulm. infiltrates in hepatic distomiasis (Fr) 28380

liver insuff. in etiol. of vasc. veils of vitreous body (It) 13931

osteoporosis, diffuse, in amyloidosis (Rus) 45105

pancreatic disord. (Ger) 19403

pediculitis, causing portal hypertension (Fr) 7060

siderocytosis & sideremia (It) 11955

tremor, review (Ger) 27154

***diagnosis***

flocculation testof Di Maria, serum colloid lability tests & blood protein picture (It) 54210

laparoscopy, liver biopsy & funct. tests in latent liver dis. (Fr) 31903

needle biopsy findings in granulomatous processes (It) 42681

prontosil color excretion test (Ger) 39048

splenoportography in recur. postop. echinococcosis of liver (Sp) 37285

sulfobromophthalein test of liver funct. in anicteric hepatocholecystopathy (It) 19178

***etiology and pathogenesis***

alcoholism (Sw) 9774

appendicitis causing funct. disord. (Rus) 41516

cholestasis caused by 17α-ethyl-4(5)-estren-17β-ol-3-one 46954

congestion caused by cardiac insuff., hepatic volume determ. (Ger) 29432

***drugs*** 14380

duodenal stenosis, congen., causing duodeno-hepatic reflux, case report 2144

exogenous factors (Ger) 52193

funct. disord. due to biliary tract fistula (Rus) 41680

hepatobiliary cancers (Fr) 24226

hepatorenal synd. caused by common bile duct obstruct. by calculi (Ger) 29466

hepatosplenic synd. in schistosomiasis mansoni, familial incidence (Por) 8765

indust. chem. pois., review (It) 44389

influenza, clin. & post-mortem pathol. 26102

malnutrition (It) 32089

necrosis caused by iproniazid 38841

pathogen. of liver failure, review (Pol) 53164

theory of bact. factor in ischemia, negation by bact. sterility of portal blood in man 25040

torsion of mesentery causing infarction of accessory lobe 11794

***experimental***

beaker test for hepatotoxic grass in guinea pig, relation to presence of fungal Sporidesmium spores 18645

biochem. changes in virus-infected & regenerating mouse liver 43000

carbon tetrachloride-induced liver damage causing tryptophan metab. disord. in rats (Rus) 10936

coccidiosis, eff. on nutritional hepatic fibrosis in rabbits 15053

damage induced by acute biliary obstruct., eff. on transaminase activity of blood & lymph in dogs 52370

detection of liver damage by fluorescent protein tracers in rabbits 5685

dietary liver necrosis, pathol. of terminal phase in rats 51923

dietary liver necrosis, protective eff. of cystine in relation to presence of traces of selenium 51924

eff. of deproteinized honey on liver in carbon tetrachloride liver pois. in rabbit (It) 42477

eff. of hypoglycemic sulfonylurea cpds. on liver necrosis (Ger) 1599

eff. of liver hydrolysates in rats (Ger) 33974

eff. of testosterone on toxic liver lesions in rabbits (Ger) 49128

eff. of tolbutamide on thioacetamide-induced liver lesions in rats (Ger) 34014

granuloma induced by lumbricoides ascariasis in rabbits 11750

hepatorenal synd., eff. of hepatic necrosis alone & with unilateral renal ischemia on kidneys of hydrated rabbits 23954

induced by chloroform & carbon tetrachloride, eff. of protein diet 10394

induced by dodecamethylen.-diguanidine in rabbits, histol. 5681

necrosis caused by common bile duct ligation in rats, eff. of cholagogues on severity 17904

necrosis, eff. of aldosterone in rats 29825

necrosis in hyperthyroid rat, protective eff. of selenium 42968

necrosis induced by non-fat milk powder in rats, eff. of sodium selenite (Ger) 46184

necrosis induction by dried skim milk powder in rats (Ger) 34237

necrosis, stimulating eff. of acetazolamide, aminopterin, iproniazid & tolbutamine as enzyme inhibitors in rats on necrogenic diet (Sp) 44501

necrotic degen. induced by diet, protective eff. of various antioxidants in rats 31284

protein dystrophy, glycogen metab. in rabbits (Rus) 25743

protein-induced nutritional hepatic fibrosis 15059

***in infant and child***

bone involvement in hepatobiliary dis. (Fr) 37928

hepatomegaly, verification in African child. by liver size-body height ratio (Fr) 42036

hepatosplenomegaly, etiol. & statist. (Por) 20244

in newborn, serum aldolase activity (It) 2962

rare form of glycogenosis-like dis. with liver disord., clin. pathol. conf. 36699

***in pregnancy***

(Ger) 38921

***manifestations***

ECG abnorm. characteristic of hypocalcemia, evaluation 35626

***metabolism***

aldosterone & electrolyte balance (Ger) 49677

carbohydrates in echinococcosis (Rus) 51172

eff. of oral glucose loading on urinary amino acid excretion (Ger) 46796

glutamic-oxaacetic & glutamic-pyruvic transaminases & lactic dehydrogenase, comparative patterns in blood & tissue extracts 32246

hepatosis dietetica of swine, vitamin E content of various organs (Ger) 28064

iron 54217

iron (Ger) 32693

potassium & sodium (Ger) 27175

thyroxin disappearance rate after oral admin. (Hun) 52921

tissue resp. decline in necrotic liver degen., reversal by intraportal cystine, factor 3 & vitamin E in rats 20760

vitamin B12 (Ger) 44924

water-electrolyte balance, review (Ger) 22924

***pathology***

acute necrosis, needle biopsy with peritoneoscopy 49717

brain (Ger) 49681

fungus infect. by Scopulariopsis hominis (Ger) 34441

histopathol. of latent hepatopathy (Ger) 29433

relation to chronic splenomegaly 14205

relation to renal dis. 13668

***physiology***

increased prod. of antibody & serum protein changes in chronic liver dis. 50011

pancreatic funct. in hepatosplenic schistosomiasis & Laennec's cirrhosis, comparison (Por) 8734

***statistics***

echinococcosis, incidence in Algerians (Fr) 27708

in El Salvador (Sp) 13522

***surgery***

decortication in chronic extensive glissonitis, case report (Fr) 18627

echinococcosis (Fr) 5400

echinococcosis, surg. & bipolar drainage (Sp)

echinococcosis with calcification, suppuration & fistulization, epiplopiasty (Sp) 37276

eff. of deproteinized honey solutions on postop. recovery from anesth. (It) 42478

hemorrh. prev. by vitamin K in surg. of extrahepatic dis. (Rus) 33195

intrahepatic-bile duct by-pass by left cholangiojejunostomy in hilar stenosis (Fr) 11860

marsupialization in echinococcosis of liver, complicated by epiploic filling of calcified suppurated & fistulised cavity, case report (Sp) 3318

resection of salient cupula in echinococcosis, technic (Fr) 405

review 13675

review (Rus) 22540

***therapy***

(Fr) 41113

...lenylpyrophosphate with adrenal cortex extracts (It) 3724

adrenal cortex hormones, review (Fr) 214

artichoke extract cisaroxyl (Sp) 48745
bact. haptene - supra-vital liver cell prep. in acute & chronic parenchymatous dis. (Ger) 36927
balneother. (Ger) 10286
bipolar drainage in echinococcosis of liver (Sp) 32463
6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide 13182
chronic, diet & drug indic. (Fr) 33408
cortisone (Sp) 8227
l-cysteine-dl-homocysteine thiolactone-fructose prep. (Ger) 35592
diet ther. 12348
2, 6-divanillylidenecyclohexanone, ther. value as choleretic agent (Sp) 36529
glisatol (Ger) 10301
hepatic encephalopathy, limited ther. value of arginine 571
hexamethylene-bis(N-methylcarbamoxy-m-methylpyridine)dibromide cholinesterase inhib. (Ger) 22819
intravenous dealbuminized liver extract (Fr) 54910
med. & dietary ther., progr. (Ger) 54338
phytother. (Ger) 4034
potassium orotate in chronic dis. (It) 9272
sodium thiosulfate & sodium hyposulfite (Sp) 20628
4, 2', 4'-trimethoxychalone, ther. mechanism as choleretic (Fr) 54907

*urine in*

glucuronic acid excretion, eff. of oral salicylamide 48319

## LIVER EXTRACTS

hepasil, antitoxic & liver protective eff. (It) 42618

*effects*

antag. of corticoses in rats (Sp) 950
dry liver cells, exper. studies (Ger) 29477
on cytochrome c activity of myocardium in exper. anemia in rabbits (It) 37386
on exper. fatty liver in rats (Fr) 32933
stimulating eff. of mitochondria extract of rat liver on metab. of murine leprosy bacilli 40208, 40209

*therapeutic use*

alcoholism, relation of ther. eff. to biochem. & pathogen. of chronic alcoholism (It) 42688
anemia, refractory primary, transitory improvement by ingestion of extracts (Fr) 54385
cardioregulatory extracts in surg. patients (It) 42628
hyperemesis in pregn. (Ger) 55405
intravenous dealbuminized liver extract in various liver dis. (Fr) 54910
supra-vital liver cell - bact. haptene prep. in ther. of acute & chronic parenchymatous liver dis. (Ger) 36927

## LIVER FUNCTION TESTS

*see also* GLUCOSE TOLERANCE TEST

*see also* WELTMAN TEST

51575
(Dan) 22443
biochem., physiol., histol. & radiol. procedures 30171
blood clearance of colloidal suspensions as hepatic circ., test kinetics (Fr) 21262
blood protein flocculation tests, mechanism of flocculation & clin. applications 3690
cholinesterase activity in blood, evaluation (Tur) 22385
clearance tests, clin. aspects (Fr) 54012
clin. study & review (It) 47816
colloidal radiogold clearance in rabbits (Fr) 54010
colloidal radiogold clearance, technic & reliability (Fr) 22687
colloidal stability tests (Jpn) 16403
correlation with blood protein electrophoretic changes 5166
flocculation tests, chem. bases & clin. results (Sp) 39119
flocculation test with alcohol sublimate & serum colloid lability tests in various liver dis. (It) 54210
galactose, glycocoll & bilirubin load test of funct. after partial hepatectomy in dog (It) 51987
galactose tolerance test, modified intravenous technic 35678
galactose tolerance, value (Dan) 22452
Gross' test in ment. disord. (It) 8623
practical requirements & theoretical possibilities (Ger) 54365
precipitation test (Rus) 22161
preop. in liver. dis. (Sp) 24745
progr. 8153
prontosil color excretion test in diag. of liver & biliary dis. (Ger) 39048
prothrombin time response to admin. of vitamin K & bishydroxycoumarin, review (It) 36799
radiogold with sulfobromophthalein clearance test (Ger) 29794, 32686
radioiodine-labeled rose bengal test in liver dis. & in normal subjects 41039
serum cobalt & cadmium heat coagulation tests, correlation with electrophoretic studies 328
sulfobromophthalein clearance (Fr) 44608
sulfobromophthalein clearance colloidal radiogold clearance, comparison with (Fr) 44608
sulfobromophthalein clearance test, diag. value in inf. (Ger) 38935
sulfobromophthalein clearance test in liver cirrhosis (Sw) 43238
sulfobromophthalein clearance test in Wister rat (Fr) 54011
sulfobromophthalein clearance test, interpretation of half-life (Ger) 9523
sulfobromophthalein excretion by kidneys as liver funct. test (Ger) 38974
sulfobromophthalein excretion in exper. hypothyroidism in rats 51285
sulfobromophthalein rate of appearance in bile C in anicteric liver & gallbladder dis., relation to its retention in blood (It) 19178
sulfobromophthalein test, eff. of chloralose (Fr) 26951
sulfobromophthalein test in leukemia & Hodgkin's dis. (Ger) 27197
sulfosalicylic acid turbidity test in rheum. dis. (Ger) 46127
technics & diag. value (Fr) 33381
thymol turbidity in infect. mononucleosis (Ger) 46801
thymol-veronal test in scarlet fever, diphtheria & infect. mononucleosis (Rus) 53045
types (It) 8593
Wollheim water-load test (Ger) 38945

*in pregnancy*

cadmium reaction in normal & pathol. pregn. (It) 21485
normal values 628
thymol turbidity test in pregn. toxemias (Pol) 39635

## LIVER NEOPLASMS

*see also* HEPATOMA

Hodgkin's dis. (Sp) 43848
metastatic from stomach to hepatic pedicle 11867
primary cancer, biol., review (Fr) 24222

*blood in*

mucoproteins in cancer with liver involvement (Sp) 21779

*case reports*

cavernous hemangioma, diag. & surg. (Fr) 31979
hemangioendothelioma (Bul) 45296
hypernephroma (Bul) 45294
metastatic from argentaffinoma of ileum (Fr) 36646
metastatic from argentaffinoma of small intestine, with pulm. stenosis (Fr) 36645
metastatic from voluminous spongioblastoma erupting through cranial opening (Fr) 13016
metastatic malignant thymoma with myasthenia gravis (Fr) 31062
metastatic of porta hepatis from gallbladder with liver cirrhosis, clin. pathol. conf. 43137
primary cancer (Ch) 38373
primary cancer, improvement during onset of transitory rheum. arthritis (Fr) 10032
primary carcinoma, clin. pathol. conf. 24420
sarcoma, primary (It) 47805

*complications*

liver cirrhosis, case reports (Fr) 51400
liver cirrhosis, diag. problems (Rus) 45104
liver cirrhosis, review (It) 1487
pancreatic & liver dis. caused by hepatobiliary cancers (Fr) 24226

*diagnosis*

needle biopsy, fatal compl. & comparison with clin. diag. 572
radioautography, using radiogold (It) 19242
rotational scanning technics 53729
splenoportography, transparietal, in hepatobiliary tumors (Fr) 54608
venographic & scintillographic diag. of metastases 35463

*differential diagnosis*

cirrhosis, determ. of prothrombin & fibrinogen in ascitic fluid (It) 20819

*etiology and pathogenesis*

caused by thorotrast (Fr) 18612
infect. hepatitis 1091
review (Fr) 24220

*experimental*

desoxyribonuclease activity & desoxyribonucleic acid synthesis in precancerous & in cancerous rat liver 29848
eff. of intraperitoneal admin. of cigarette tar & smoke on chemically-induced liver carcinogenesis in rat 10244
eff. of reserpine on canceration of liver in rats (Fr) 26802
induction by ethionine in rats, prev. by methionine 26474
osteoid & cartilaginous metaplasia in transplants of rat liver tumors 5648

*immunology*

antigenic structure of liver proteins in exper. carcinogenesis (Rus) 37187

*in infant and child*

primary cancer in 4-month-old inf., case report 9827
primary solitary trabecular vesicular adenoma in inf., case report (It) 20210
surg., partial hepatectomy with survival 14759

*metabolism*

naturally occurring serum flocculants, characterization 2679
orotic acid incorporation into ribonucleic acid & ribonucleotides of exper. tumors in rats 26004
relation of DAB metab. by liver & other organs on liver carcinogenesis 39455
ribonucleases & ribonucleotides in exper. tumors in rats 26003

*pathology*

chem., pathol. of lesions produced by ethionine 34941
primary cancer, pathol. anat. (Fr) 24219

*statistics*

in Russia (Rus) 33585

*surgery*

anat. principles (Ger) 22932
case reports (Rus) 18273

## LIZARDS

Hemidactylus turcicus & Tarentola mauritinica, retinal structure 53082
Hemidactylus turcicus, host of new endoparasitic microorganism (Ger) 46257
hosts of mite Trombicula hasei larvae in Roumania (Fr) 34320
Salmonella infect. in lizards of Ghana 41418
spectral sensitivity & threshold determ. by electroretinography in Hemidactylus turcicus & Tarentola mauritinica (Ger) 53081
water & electrolyte metab. 51102

## LOBELIA

cardinalis alkaloids, chromatographic separation of lobinaline & a new alkaloid (Ger) 43581
tupa, alkaloid determ. (Ger) 7954

*therapeutic use*

felsol in dyspnea of asthmatics & cardiacs (It) 39508

## LOBELINE

*effects*

on blood pressure & resp. after infusion into CSF in cats & dogs (Ger) 30508
on ozone pois. in rats (Fr, Dut) 46564

*LOBOTOMY see* PSYCHOSURGERY

*LOBSTEIN'S DISEASE see* OSTEOGENESIS IMPERFECTA

*LOCOMOTOR ATAXIA see* TABES DORSALIS

## LOEFFLER'S SYNDROME

as occup. dis. (Ger) 35596

*case reports*

ACTH ther. in asthma patient (Pol) 38107
with eosinophilic myocarditis in an asthmatic (It) 9314

*complications*

urticaria, caused by ascariasis (Fr) 51389

*epidemiology*

in Australia 42121

*etiology and pathogenesis*

allergy to steroid hormones, diag. problems & case report (Sp) 8719
smoke inhalation 1173
Wuchereria species from wild & domestic animals causing tropical pulm. eosinophilia in man 10469

*in infant and child*

in 7-year-old child, with fibroplastic parietal endocarditis (Ger) 34097

*physiology*

alveolar-capillary block synd. 12360

*LONGEVITY see* LIFE EXPECTANCY

*LOVE see* EMOTIONS

*LOWER NEPHRON NEPHROSIS see* ACUTE RENAL FAILURE

*LSD see* LYSERGIC ACID DIETHYLAMIDE

*LUCIFERASE see* ENZYMES

## LUCIFERIN

*related compounds*

luciferyl-adenylate & oxyluciferyl-adenylate, chem. synthesis & properties 40517

*LUMBAGO see* BACKACHE

*LUMBAR PLEXUS see* NERVES, LUMBAR PLEXUS

*LUMBAR REGION see* LUMBOSACRAL REGION

## LUMBOSACRAL REGION

*see also* SACROCOCCYGEAL REGION

*abnormalities*

causing urolithiasis, x-ray findings (Ger) 3612

in etiol. of backache in women (Ger) 10019

*diseases*

lumbar joint dis. in agricultural workers, etiol. & pathogen. (It) 44327

*neoplasms*

premalignant fibroepithelial tumor of Pinkus 14692

*radiography*

in patients with lumbosacral pain (It) 25635

*LUMINAL see* PHENOBARBITAL

LUMINESCENCE

*see also* FLUORESCENCE

eff. of luminescent lamps with various luminophores on Scenedesmus quadricauda (Rus) 51933

of Actinomyces rimosus (Rus) 51934

LUNG DISEASES

*see also* ATELECTASIS

*see also* EMPHYSEMA, PULMONARY

*see also* HYALINE MEMBRANE DISEASE

*see also* LOEFFLER'S SYNDROME

*see also* PNEUMOCONIOSES

*see also* PNEUMONIA

*see also* PULMONARY EDEMA

*see also* PULMONARY FIBROSIS

*see also* PULMONARY HEART DISEASE

*see also* TUBERCULOSIS, PULMONARY

acute dis., anat., clin. & radiol. develop. (Fr) 50783

allergic dis. 43073

amebiasis 27261

amebiasis (Rus) 51222

amebiasis, pleuropulm., review 10127

aspergilloma, anatomopathol. & pathogen. (Por) 39465

bronchopulm. obstruct. by edema or tracheobronchial hypersecretion, stenosis or dyskinesia, ther. & resp. resuscitation (Fr) 54157

chronic diffuse suppurations (Fr) 21379

chronic infiltration with minimal sympt. (Dut) 52490

coccidioidal pulm. cavitation, differ. diag. & management 35715

diag. & surg., review (Fr) 24260

diag. & ther. of acute pneumopathies in adults (Fr) 50787

echinococcosis (Ger) 11224

echinococcosis (Sp) 51620

echinococcosis, bilateral, x-ray manifest. & surg. (Sp) 44403

echinococcosis, review & case report 15546

farmer's lung 33671
41096
46521

fungus dis., review 42078

hemosiderosis, idiopathic (Ger) 6018
51196

hemosiderosis, idiopathic (Hun) 7697
7698

hemosiderosis, idiopathic, in adults & adolescents 48188

moniliasis 17676

moniliasis, clin. manifest. & phenylbutazone ther. (Ger) 10299

need for teaching program at W. Virginia University School of Med. 10982

of cotton carders (Sp) 44417

of middle lobe (Fr) 5316

ornithosis, broncho-pulm., diag., clin. aspects & epidemiol. in northern France (Fr) 32388

pathol. manifest. of allergic mechanisms 28015

Pneumocystoses similcola infect. in monkeys (Pol) 33606

progressive pulm. dystrophy (Ger) 15350

reticulo-nodular diffuse disord., eff. on resp. (Fr) 32056

review 42065

review (Ger) 42915

review on lung dis. leading to pulm. failure 15364

sarcoidosis, physiopathol. & case reports (It) 21431

sarcoidosis, review 42074

So. Amer. blastomycosis, diag. & ther. (Por) 44475

suppurations, classif. & pathol. (Fr) 21374

teaching in Amer. med. schools 41171

viral & Micrococcus pyogenes infect. (Fr) 48735

virus dis., diag., incidence & ther. (Fr) 50788

virus dis., relation to primary pulm. tubere. (Fr) 50785

*blood in*

glutamic-oxalacetic & glutamic-pyruvic transaminases (It) 35534

proteins, in chronic suppurations (Rus) 45165

*case reports*

actinomycosis with metastasis into midbrain & Cushing synd. (Rus) 28831

allergic aspergillosis 24302

Allescheria boydii infect., fatal 13783

alveolar proteinosis 24730

alveolar proteinosis (Dut) 49603

alveolar proteinosis, clin. pathol. conf. 41450

amyloidosis, tumoral, pathol. 34956

clin. pathol. conf. 5418A

cryptococcosis (Dan) 43234

distomiasis (Fr) 50562

echinococcosis, hepatopulm. with hypertrophic pulm. osteoartropathy (Fr) 17660

echinococcosis, multiple cysts 30202

echinococcosis, solitary, with involvement of entire right lung (It) 46583

eosinophilic granuloma 30110

hemosiderosis, idiopathic (Sp) 21203

hemosiderosis, non-recur. idiopathic pulm. in young adult 19883

histiocytosis X (Rus) 7719

intracavitary aspergillosis (It) 8555

maduromycosis with abscess & gangrene (It) 20183

moniliasis, primary (Pol) 43649

mycosis after removal of metal disk penetrating thorax (Hun.) 18596

paragonimiasis (Rus) 45188

pleuropulm. actinomyces & nocardia infect. 15547

pseumopathia osteoplastica miliaris (Ger) 32328

progressive pulm. dystrophy, funct. & pathol. aspects (Fr) 28356

sarcoidosis (It) 39680

sarcoidosis in Maori 30199

silo-filler's dis. 27075

sporotrichosis 15543

strongyloidiasis, with intestinal invasion (Pol) 33735

toxoplasmosis (Den) 10644

with scleroderma & bronchiolar carcinoma, post-mortem pathol. 17898

*complications*

calcification & cicatrix in infarct, abscess, sclerosis & tubere., with develop. of cancer on cicatrix (Fr) 43775

cancer of lung, possible etiol. relation 30168

congestive heart failure (Rus) 45203

cyanosis of cardiopulm. origin, etiol. & differ. diag. 23397

dyspnea, etiol. mechanisms 53877

hippocratic finger & hypertrophic pulm. osteoarthropathy, review (It) 31748

kidney dis. (Ger) 11143

pulm. hypertension in chronic bronchopulm. dis., clin. statist. (Fr) 54040

rheum. dis. (It) 31747

scalp lymphosarcoma in aspergillosis 20308

*diagnosis*

acute & chronic histoplasmosis 10541

air cavities, x-ray diag. (Rus) 51174

angiography (Ger) 29078

biopsy, types & technics, review 42082

bronchography in bronchopulm. disord. (Ger) 3297

coccidioidin skin reaction, immediate type in pulm. coccidioidomycosis 35912

diag. errors in surg. dis. (Ger) 22193

fluorography, disadvantage (Rus) 55248

heavy percussion & induced cough, indic. 22582

histoplasmosis, sarcoidosis & Wegener's granulomatosis, x-ray, review 47216

pleuropulm. dis. with clear latero-tracheal x-ray images caused by esophageal distension, diag. problems (Fr) 50559

problems in diag. of indeterminate pulm. infiltration in fungus & other granulomatous dis. 34873

retractive synd., diag., x-ray, thoracopneumography & other resp. funct. tests (It) 1542

sarcoidosis, photofluorographic surveys in Sweden 7482

sarcoidosis, value of bronchoscopy & bronchography (Dut) 29936

spirography with oxymetry (Ger) 24232

suppurations (Fr) 21378

tomography in diag. of sequestration (Fr) 53378

value of alveolar dead space measurements (Ger) 39881

x-ray diag., case reports 27085

x-ray diag. of paragonimiasis (Rus) 10810

x-ray diag. problems in tubere., cancer, silicosis & pulm. abscess in various combinations (Fr) 38783

x-ray, endoscopy, exploratory thoracotomy & laboratory tests (Sp) 49147

x-ray, in eosinophilic granuloma 49191

*differential diagnosis*

chronic atypical forms & courses from pulm. tuberc. (Ger) 34343

disseminated cryptococcosis, differentiation from miliary tuberc. (Sp) 53895

perop. mis-diag. as lung cancer, case reports (Ger) 54941

progressive pulm. dystrophy from bullous pulm. emphysema (Ger) 37017

pulm. tuberc., serol. 13328

syphilis, from pulm. tuberc. (Ger) 32979

upper lobe infiltrations in cancer, tuberc. & pneumonia, x-ray diag. & clin. aspects 24871

x-ray differentiation from tuberc. (It) 53714

*epidemiology*

Cystocaulus ocreatus infect., of sheep in Poland (Pol) 33721

fungus dis. in India 12797

helminthiases in cattle in Poland (Pol) 33715
33716
33717

histoplasmosis capsulatum in Pennsylvania 53062

*etiology and pathogenesis*

Asian influenza causing pulm. infect. & fatal pneumonia 46434

atypical acid-fast bact. infect. causing chronic dis. 21867

beryllium poisons., unusual x-ray findings 46401

bronchopulm. compl. of Asian influenza 9587

bronchopulm. dis. caused by pulm. abscrm. (It)
1531 1533 1534 1535
1536 1537 1538 1539

bronchopulm. dis. in influenza (Sp) 6913

bronchopulm. dis. in influenza, bacteriol. (Sp) 6914

cystic fibrosis of pancreas with diabetes mellitus, unusual manifest. in adult, case report 14547

hemosiderosis, hemodynamic nodular, caused by mitral stenosis (Sp) 42212

hemosiderosis in heart dis. (Fr) 43757

immunohemolytic mechanism in pathogen. of primary hemosiderosis of lungs (Pol) 30739

influenza, manifest. & virol. (Fr) 43741

micrococcal infect., case reports (Sp) 43900

moniliasis caused by streptomycin, ther., nystatin (It) 20405

osteoplastic pneumopathy in rheum. (Rus) 36887

primary suppurations (Fr) 21375

rheum. dis. (It) 31752

strong pulm. allergy in patients with spasmodic coryza, cause of clin. latency in absence of pulm. manifest. of asthma (Fr) 31075

unnoticed aspiration for for. bodies causing suppurative lung dis. (Rus) 5956

*experimental*

acute contagious viral dis. in dogs pathol. (Fr) 3066

aspergillosis, eff. of cortisone & antibiotics in mice 47089

eff. on heart position in ageing male rats 27565

induction by inject. of rabbit anti-rat-lung serum into rats 17885

moniliasis in rabbits after endobronchial inoculation (It) 37463

production by fibroma viruses in squirrels & rabbits 38092

pulm. consolidation prod. by Newcastle dis. virus inoculation into mice 10871

*in aged*

pulm. involvement in whooping cough with pseudo-leukemic reaction, case report (Fr) 45014

*in infant and child*

acute dyspneic bronchopulm. (Fr) 50786

bronchopulm. moniliasis, with oral & cutaneous manifest., nystatin ther. (Sw) 32859

bullous dis. (It) 6954

bullous pneumopathy, subacute evolutive atypical in inf. (Fr) 35497

caused by whooping cough, morphol. (Rus) 33274

cavitation & granulation, clinical & x-ray differentiation from pulm. tuberc. (Sp) 1585

diag., angiocardiography (Fr) 32395

echinococcosis, surg. (Bul) 38755

echinococcosis, surg. (It) 36209

emergency thoracotomy in purulent dis. (It) 6966

hemosiderosis, idiopathic, case report 52701

in dysentery, pathol. (Rus) 33273

in newborn inf. with intracranial lesions 24895

in rheum. fever (Rus) 20273

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

micrococcal (Sp) 15492

micrococcal infect., develop. of immun. during dis. (Fr) 55017

micrococcal tension pneumatocele, management by intracavitary suction tube drainage 18129

Micrococcus pyogenes infect. causing suffocating pyopneumothorax (It) 6803

photofluorography, value in prev. (Rus) 43537

pleuro-pulm. Micrococcus pyogenes infect. in inf., ther. (Fr) 54453

recurrent dis., surg. 5724

septicemia, bullous caused by micrococcal infect. (Fr) 15198

suppurative, surg. (Bul) 28747

ther., chloramphenicol succinate (It) 42770

ther., pinimenthol ointment (Ger) 29457

***in pregnancy***

caused by puerperal micrococcal sepsis, case report (Sp) 21108

infect. with rheum. heart dis. & congestive heart failure in twin pregn., fatal case 19827

***manifestations***

acute bact., new aspects (It) 42706

asterixis, occurrence in chronic pulm. dis. & general mechanism 7436

coccidioidomycosis, x-ray aspects (It) 41370

cryptococcosis, pathol. & x-ray manifest. 8568

eosinophilic granuloma, x-ray manifest. 47218

histoplasmosis, unusual x-ray manifest. 34876

interlobar extravasations, x-ray aspects (Fr) 58001

micrococcal infect. in adults, clin. & x-ray aspects (It) 39693

miliariform x-ray image of uncertain etiol., total regression after radiother. (It) 29653

paragonimiasis, x-ray manifest. 47219

synd. of impeded sound transm., concept & terminol. (Ser) 33368

uncommon x-ray patterns in pulm. sarcoidosis 15534

x-ray manifest. of pulm. sarcoidosis 45563

***microbiology***

Bordetella bronchiseptica isolation from bronchial expectorations & sputum of child & mice with lung dis. (Ger) 46243

non-tuberc. chromogenic Mycobact., review (Sp) 27879

Mycobact. other than M. tuberc., diag. problems, review 42081

of suppurations (Fr) 21376

***pathology***

aspergilloma (Por) 6571

bronchographic data in purulent lung infect., technic (Rus) 5962

echinococcosis, bronchiogenic & metastatic forms (Fr) 43768

farmer's lung, histopathol. 12361

histoplasmosis 3366

idiopathic infiltration in military personnel, risk of develop. into pulm. tuberc. 44

intra-alveolar coagulum in thrombocythemia, clin. & postmortem pathol. 1783

lung structure & histopathol. in pulm. suppurations (Fr) 21373

multiple gummata, case report (Ger) 39885

psammomatous formations in pituitary gland & choroid plexuses in dis. & neoplasms of lung (It) 36712

relation of chronic pulm. dis. to cancer of lung (Ger) 13203

13203

toxoplasmosis, focal cell reticulosis (Dan) 22435

***physiology***

(Sp) 37878

cardiopulm. funct. tests (Ger) 22353

chronic purulent, x-ray-bronchospirometric parallels in external resp. (Rus) 18251

correlation of resp. with pulm. arterial pressure (Ger) 23021

eff. of congestion on vagal afferent activity 47107

nature of hypoxia with & without cyanosis in chronic dis. 3787

oxygen consumption of resp. musc. (It) 52063

pulm. blood volume in, review (Fr) 26203

pulm. diffusing capacity & pulm. capillary blood volume in cardiopulm. dis. 15054

pulm. ventilation & oxygen consumption during inhalation of pure air & hyperoxygenated air, in school-age child. (It) 42769

spirometry & effort tolerance 18406

***prevention and control***

fluorography of workers exposed to dust in prev. of tuberc., pneumoconiotic & other dis. (Rus) 9928

***statistics***

acute nontuberc. bronchopneumopathies in Fr. Army personnel (Fr) 50784

incidence of lung compl. in surg. on asthmatic patients 49182

***surgery***

chronic suppurations, hemodynamic changes (Rus) 54552

echinococcosis (Ser) 21953

echinococcosis, lobectomy & total pneumonectomy (It) 1517

echinococcosis, multiple, of right lung, one-stage removal, case report (Sp) 1797

insuff., tracheal fenestration 50314

purulent dis., prev. of postop. compl. by blood transfusion (Rus) 5955

tracheal fenestration as new method for ther. management of chronic dis. 24721

***therapy***

ACTH & adrenal cortex hormones in pulm. sarcoidosis 10544

adjuvant, 19-nortestosterone propionate, results (It) 31665

adrenal cortex hormones as adjuvants to antibiotics & tuberculostatics (Ger) 45398

antibiotics in bact. & viral nonsuppurative dis. (Fr) 49733

antibiotics & sulfonamides in actinomycosis (Ger) 22203

antibiotics in bact. & viral nonsuppurative dis. (Fr) 49733

bronchial aspiration in echinococcosis (Fr) 41999

echinococcosis, med. & surg. ther., review (Sp) 8211

emetine in undeterm. pleuropulm. amebiasis, case report (Fr) 50556

funct. rehabil. (Por) 42199

2-hydroxy-stilbamidine in blastomycosis 3941

hypnosis (Por) 53889

nystatin-tetracycline prep. 25126

oxytetracycline in chronic suppurations (Rus) 54553

phenothiazine in helminth infect. in sheep, eff. on fecal excretion of larvae (Pol) 33722

positive pressure resp. (It) 47826

potassium iodide with prednisone in chronic primary aspergillosis of lungs (Fr) 53433

rehabil. in chronic lung dis., review 42084

suppurations (Fr) 21381

suppurative dis., bronchography in determ. of efficacy of ther. (Rus) 45227

trichomycin in aspergillosis (Ger) 34468

***LUNG EMPHYSEMA*** *see* **EMPHYSEMA, PULMONARY**

**LUNG NEOPLASMS**

*see also* **PANCOAST SYNDROME**

51531

adenomatosis (It) 52050

adenomatosis, clin. manifest. & pathol. (Ger) 34151

alveolar cell carcinoma, incidence, pathol. & case reports 12841

alveolar cell carcinoma, pathogen. & x-ray diag. (Ger) 39378

alveolocapillary block (Por) 53884

anatomopathol. & statist. comparison with pulm. tuberc. in U. S. (Fr) 8245

apparent regression of pleuropulm. secondary cancers (Fr) 28375

benign, classif. 32504

benign, classif. (Ger) 29085

broncho-pulm. cancer (Fr) 49735

bronchogenic, with metastasis into mediastinum (Rus) 51225

clin. aspects & statist. (Hun) 20170

current ther. trends & recent research (It) 3634

cytodiag. & cytol. indic. for surg. (Ger) 24169

cytol. classif. & cytodiag. (Ger) 24165

diag. & ther. in men under 40 years of age 15549

diag. & ther. problems 43623

diag. & ther., review 18705

diag. problems & ther. results, Danish survey 10532

hamartoma (Sp) 13526

Hodgkin's dis., x-ray manifest. & differ. diag. (Por) 44467

metastatic from female genitalia (Ger) 34163

metastatic from hypernephroma (Ger) 55637

metastatic from kidneys, recovery following ablation of primary cancer, case reports (Fr) 28487

metastatic from thyroid gland papillary carcinoma 50877

multiple primary cancer 5867

neurogenic tumors (Ger) 54942

nomenclature (Ger) 55653

pathol. & clin. manifest. of lung scar carcinoma (Ger) 30278

pathol. & ther. 51532

research, review 50893

review 7468
10108

symptomatol. & early diag. (It) 31664

ulcerated carcinoma, pathol. & diag. (It) 6801

***blood in***

fibrinolysis, extensive, in bronchogenic carcinoma 30140

turbidity reaction, diag. value (Ger) 34040

***case reports***

5867

(Sp) 47833

Addison's dis. & diabetes insipidus secondary to metastatic lung cancer 10 years after pneumonectomy 61

alternating regression & recur. of pleuropulm. metastases (Fr) 53240

bilateral metastatic osteogenic pulm. sarcoma 49193

bronchiolar carcinoma asympt. for over 12 years 12795

bronchiolar carcinoma with scleroderma & fibrosis & honeycomb cyst of lungs, postmortem pathol. 17896

carcinosarcoma (Rus) 33591

choriocarcinoma, metastatic (Dut) 1616

choriocarcinoma, primary, after full-term pregn., fatal case 12404

chorioepithelioma, primary, with cerebral metastases (It) 21447

chorionic epithelioma (Rus) 55339

chronic healed dissecting aneurysm in patient of lung cancer & sudden heart failure 49995

clin. pathol. conf. 30127

clin. pathol. conf. (Sp) 53350

cystic metastasis from osteogenic sarcoma of femur 47226

epidermoid carcinoma, metastatic from lip (Rus) 33594

familial anaplasic epithelioma (Fr) 54050

fibrohemangioendothelioma (Fr) 28377

granular cell myoblastoma, histopathol. (It) 25542

hemangioendotheliosarcoma (Fr) 41935

hemangioendotheliosarcoma of lung, mediastinum & intestine (Fr) 43701

Hodgkin's dis. after aspiration of rubber eraser, postmortem pathol. (Ger) 34454

in Cushing syndrome, autopsy data 38392

leiomyoma (Rus) 33590

leiomyoma, solitary primary 14656

leiomyosarcoma (Ger) 22201

lymphangioma, peripheral 5869

lymphosarcoma (It) 25549

lymphosarcoma with alveolar-capillary block & coccidioidomycosis 927

melanoma, metastatic, of 15 months' duration 3375

metastatic choriocarcinoma, spontaneous regression after hysterectomy 12394

metastatic from brain glioma & spindle-cell glioma 11765

metastatic from parathyroid gland, with hyperparathyroidism 4801

metastatic from thyroid, effective ther. with radioiodine & dessicated thyroid 36977

metastatic sarcoma from uterus, of stromal origin with extensive calcification, clin. pathol. conf. 43149

oat cell carcinoma of lung with adrenocortical hyperplasia & osteoporosis, clin. pathol. conf. 30147

peripheral, cavernous forms (Rus) 51211

plasmacytoma of lung & stomach 48191

primary, of apex & Pancoast's synd. (Rus) 55261

primary with vasc. invasion, progn. 11770

recur. metastatic from Ewing's sarcoma of tibia, 10-year survival 25045

recur. of malpighian tumor after surg. excis. due to spontaneous & induced tumoral implants (Fr) 28372

sarcoma presenting as large cyst & carcinomatous degen. of congen. bronchogenic cyst 36005

spontaneous disappearance of pulm. metastases after nephrectomy for hypernephroma 12712

squamous-cell carcinoma with widespread metastases, clin., pathol. conf. 6534

telangiectasis 54922

tracheobronchial adenoma, surg. (Sp) 18840

true chondroma (It) 3902

unusual case (Pol) 16050

with hemorrhagic & thrombopenic myelosis (Fr) 6316

with invasive & in situ anaplastic bronchiogenic carcinoma 14745

with larynx cancer 23452

with monocytic leukemia, clin. pathol. conf. 30106

with multiple metastases, clin. pathol. conf. (Sp) 53358

with sensory neuromyopathy 3 1/2 years before diag. of cancer 38020


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

with silicosis, pathol. & x-ray aspects (It) 9342

with tuberc. cavities in other lung, postop. oleothorax (Tur) 22377

***complications***

adrenal cortical hyperfunct., case reports 14706

blood vessel invasion, incidence 54710

cavitation (Rus) 10812

coexistence with pulm. tuberc. 46431

collagen dis., case reports (It) 3845

hypertrophic pulm. osteoarthropathy, develop. after exploratory thoracotomy & radiother. (It) 3722

hypertrophic pulm. osteoarthropathy, unusual evolution after radiother. of cancer (It) 19245

leukemoid reaction, differ. diag. from leukemia 27518

lipoma causing diaphragmatic hernia, case report (Sp) 25959

metastases to phalanx of finger, differ. diag. from infect., case report 47254

metastasis to brain in undiag. cases, statist. (Fr) 11839

metastasis to skin (Rus) 45155

neuropathy & myopathy 16308

periarteritis nodosa (Rus) 45150

pleural effusions, ther., topical prednisolone (It) 21436

pleural empyema in adenoma, case report (Sp) 44404

pneumothorax, case reports (Fr) 6319

pneumothorax caused by pulm. metastasis of Ewing's tumor (It) 31626

primary, with pulm. tuberc. (Rus) 51210

pulm. tuberc. 50629

pulm. tuberc. (Fr) 43773 43774 43776 43777

pulm. tuberc., clin. & x-ray manifest. (Fr) 54601

relation to pulm. tuberc. (Ger) 29461

rheum. arthritis (It) 31753

rheum. arthritis, arthralgia & myalgia (It) 31754

rheum. dis. (It) 31746

scleroderma, generalized, case reports 10320

spontaneous pneumothorax caused by pulm. metastasis of osteogenic sarcoma, case report 14549

subacute heart dis., caused by metastatic cancer, case report 3374

***diagnosis***

9826

(Dut) 29973

adenomatosis, x-ray diag. (Rus) 10809

cytodiag. (Fr) 43086

cytodiag. (Sp) 33013

cytodiag. & cytol. indic. for surg. 24170

cytodiag. & pleural biopsy (Ger) 22773

cytodiag., sputum studies 24166

cytodiag., use of chymotrypsin for concentration of sputum 10699

cytol. & histol. methods (Fr) 49642

cytol. diag. of bronchopulm. cancer (Fr) 2325

cytol. exam. of sputum after sputum prod. by sulfur dioxide inhalation 14744

cytol. exam. of sputum in early diag. (Rus) 33607

cytol. of bronchial secretions 5239

early diag. 28458

ganglioneuroma, tomography (Rus) 10813

late diag., causes (Rus) 41528

metastatic, tomofluorography (Rus) 10814

peripheral, diag. value of bronchoscopy (Rus) 18268

prescalene node biopsy 36316

primary (It) 23677

x-ray 45456

x-ray (Dan) 32398

x-ray detection, incidence in relation to surg. findings (Fr) 28351

x-ray diag., review 42083

x-ray diag. of cavitary cancer 14563

x-ray, limitations 51533

x-ray measurement of transverse hilus in diag. of primary cancer 8564

x-ray, negative findings (Dan) 7485

***differential diagnosis***

ability of lung cancer to mimic other dis. 17491

actinomycosis (Fr) 28367

alveolar adenomatosis from bronchiolar carcinoma (Sw) 45335

bronchiectasis full of solid contents (Fr) 28365

carcinomatosis, from subacute pulm. heart (Rus) 9872

cytol. 24167

perop. mis-diag. of lung dis. as lung cancer, case reports (Ger) 54941

pulm. tuberc., histol. & cytol. cell correlation 10978

pulm. tuberc. with silicotic tumoral masses, x-ray differ. diag. (Fr) 43737

x-ray differ. diag. from pulm. artery aneurysm (Ger) 3609

***etiology and pathogenesis***

air pollutants 48550

air pollution & smoking 30654

chronic pulm. dis., possible etiol. relation 30168

cytol. changes in develop. of cancer 24164

develop. on calcifications & cicatrices of infarct, abscess, sclerosis, tuberc. & silicosis (Fr) 43775

in uranium miners, in Czech., review (Rus) 55343

pleuropulm. metastasis of cancer of pancreas, case report (Fr) 21338

scar cancers, subpleural (Fr) 28369

smoking 14671

40057

smoking (Fr) 44681

smoking, correlation of mortal. with length of discarded cigarette butts 48315

smoking, laboratory research, review 48314

smoking, prev. (Ger) 15329

smoking, significance of genotype as factor influencing smoking habits, twin studies 7246

tuberc. & air pollution from cigarette smoke (Fr) 20665

tuberc. lymph nodes (Fr) 32068

***experimental***

distribution of radiogold-carbon suspensions in lung after admin. by transvenous cardiac catheterization in dogs (Ger) 32659

eff. of exper. alloxan diabetes, thyroxin & heat in mice (Ger) 34160

growth rate in different strains of mice 5442

increase of metastases after amputation of tumor-bearing limb in mice 11791

induced by radiocerium fluoride in rats 34865

induction by creosote oil in mice 28468

luminescent analysis (Rus) 33457

plutonium-induced tumors, radioautographic & histopathol. studies in rats 51299

***in infant and child***

adenoma, clin. pathol. conf. 52601

bronchial adenoma, case report 36279

fibrosarcoma in newborn, case report 37655

surg. (Ind) 28700

***manifestations***

eosinophilic reaction simulating leukemia (Sp) 43863

excavation of metastatic nodules, x-ray manifest. 53734

hemoptysis in older men, incidence 49774

musc. metastases as 1st manifest. (Por) 29358

osteoarticular, diag. value (It) 31751

primary, initial sympt. & evolution (Rus) 51200

rheum., histopathol. (It) 8668

***pathology***

aerogenic dissemination (Ger) 34165

bronchogenic cell types, cytol. correlation with progn. 23488

bronchogenic in situ, histopathol. 52772

carotid body-like tumor 5660

chondromatous hamartoma & pure chondroma, anatomopathol. & clin. aspects (It) 25530

gross invasion of pulm. vein by carcinoma, progn. significance 2944

hematogenic spread (Ger) 34164

histol. classif. of malignant epithelial tumors 25992

histopathol. of atelectatic areas (Rus) 54554

in pulm. tuberc., possible etiol. relation, postmortem findings 31740

meningioma, metastatic from parasagittal brain meningioma, necropsy 5699

metaplastic squamous epithelium of bronchial mucosa as cancer precursor (Ger) 36420

metastatic from breast cancer, x-ray pathol. (Ger) 41895

ossifying adenoma 54919

peripheral, changes in lung tissue between tumor nodes & root (Rus) 10811

primary intrapulm. fibrosarcoma 17086

regional lymph node metastasis in primary lung cancer, findings in resected cases 47370

relation to chronic pulm. dis. (Ger) 12202

12203

sputum cells, determ. of dry weight by interference microscopy (Ger) 27497

***physiology***

x-ray-bronchospirometric parallels in external resp. (Rus) 18251

***prevention and control***

in Czech., diag. centers (Cz) 14893

in Italy, diag. centers (It) 18533

mass x-ray surveys 24206

***statistics***

age, sex, location & surg. data (Tur) 32992

hosp. statist. of Ancona, Italy (It) 29682

in Italy, primary cancer (It) 27470

in nickel workers 26051

26052

in women 28523

in women (Ger) 21805

incidence in German asbestos workers (Ger) 15383

metastatic & primary (Ger) 34167

mortal. in England, Wales & U.S., comparison 2187

mortal. in Gt. Brit., correlation with air pollution 40135

***surgery***

*see also* PNEUMONECTOMY (Ger) 32611

bronchotomy in bronchial adenoma 36289

follow-up study, value 2659

hamartoma, x-ray demonstration of postop. growth 10319

preop. scalene node biopsy in determ. of operability 862

progn. in surg. based on blood vessel invasion 37996

review 18706

***therapy***

5890

chemother. & radiother., comparative statist. (Fr) 21321

chemother. in advanced cases 43087

N-desacetyl thiocolchicine with x-ray ther. (Fr) 55098

palliative methods, role of bronchologist 43096

palliative ther. (Sp) 39112

radical x-ray ther., indic. & contraindic. 43089

radiocobalt 60 telether., statist. 8557

radiother. (It) 29611

radiother. (Por) 44453

radiother., clin. & radiol. changes (It) 29604

radiother. of primary cancer, statist. 29772

radiother., pre- & postop. 43087

somatotropin in inoperable cancer causing pituitary acidophil changes & renal glomerular changes 23956

x-rays, bronchoscopic control (Cs) 14777

x-rays in inoperable cancer, grid method 43090

x-ray, sieve method 43088

x-rays, technics & statist. 43091

x-ray ther., eff. on blood sugar (Ger) 32673

***urine in***

estrogens 15722

***LUNG TUBERCULOSIS*** *see* **TUBERCULOSIS, PULMONARY**

## LUNGS

***see also*** **PLEURA**

fibril form. in stationary cultures of mouse lung cells 31331

***abnormalities***

aberrant lobe with cystic form. & pericardial abnorm., case report (Sp) 27229

43887

accessory lung communicating with bronchial system of upper lobe, x-ray diag. (Ger) 39379

agenesis (Fr) 28371

43744

agenesis (Ger) 55662

agenesis, aplasia & hypoplasia (It) 52060

agenesis, bilateral in newborn, postmortem pathol. 1416

agenesis of left lung, case report (Fr) 28357

agenesis of left lung, detection in adult (Fr) 28358

agenesis, with levocardia (Ger) 41598

hypoplasia (Fr) 53243

hypoplasia of left lung in patient with multiple exostoses (Fr) 28360

pulm. abnorm. causing various bronchopulm. dis. (It) 1531 1533 1534 1535 1536 1537 1538 1539

sequestration (Fr) 43746

sequestration, clin. & anakmophysiol. aspects (It) 1532

sequestration, intralobar (Por) 51641

sequestration, intralobar bronchopulm., review & case report 17911

sequestration, intralobar bronchopulm., with anomalous pulm. artery, angiography 19829

sequestration, intralobar bronchopulm., x-ray differ. diag. (Dan) 7486

unilateral agenesis with esophageal atresia, etiol., diag. & case reports (Ger) 34093

***abscess***

after tonsillectomy 20539

antibiotic ther. & surg. (Ger) 52240

caused by for. body, case report (Fr) 43754

caused by otogenic sepsis (Rus) 45725

classif. & pathol. (Fr) 21374

clin. manifest. & pathogen. (Fr) 21377

develop. following extraction of fishbone from esophagus (Rus) 53893

in inf., surg., indic. (Ger) 30041

in influenza 37836

in pulm. madauromycosis, with gangrene, case reports (It) 20183

post-influenzal, with hemoptysis, ther., spiramycin, case report (It) 15894

postpneumonia in inf. & child., surg., lobectomy 22037

residual cavities in (Fr) 21380

surg., early pulm. resection 3164

ther., antibiotics, endobronchial admin. (Cu) 26535

ther., bronchial catheterization, Metras technic (Fr) 6393

ther., prednisolone trimethylacetate (Pol) 20453

with massive hemoptysis in 4-month old inf., emergency lobectomy 13482

x-ray diag., case report (Sp) 37378

***anatomy and histology***

alveolar macrophages in mouse tissue, electron microscopy 40580

connective tissue in rats, electron microscopy (Ger) 25815

density of inflated lung, method for determ. 47228

exper. transformation of pulm. macrophages into cells resembling mast cells by intratracheal instillation of heparin, in guinea pigs 46549

histiocyte structure & distribution in fetal & newborn rats (It) 47788

lymph nodes of hilum (Rus) 31174

lymphatic system, age factor (Rus) 47853

polyploid & endomitotic polyploidization of cells (Ger) 24227

redistribution of accumulated leukocytes in non-inflamed lungs, postmortem cell count (Rus) 33275

segmental anat. as applied to segmental resection 27260

***blood supply***

***see also*** ARTERIES, PULMONARY

***see also*** VEINS, PULMONARY

angiography with diatrizoate sodium & methylglucamine salt (Ger) 22206

anomalous pulm. venous drainage of right lung into inferior vena cava 47223

arteriovenous aneurysm with & without aortic stenosis of rheum. pathogen. (Fr) 45542

arteriovenous fistula, alone & with rheum. aortic valve stenosis, case reports 38016

arteriovenous fistula, local excis. & pathol. 54678

blocking mechanisms & anastomoses of pulm. vessels, behavior in exper. pulm. hypertension in cats (It) 3897

capillary proliferation induced by oxygen inhalation, postmortem findings 12465

capillary transm. of auric. pressure in normal dogs & in mitral insuff., ECG (Fr) 36194

chem. control of distribution of pulm. blood flow in cats 46691

circ. changes induced in frog lung by bicationic solutions of alkaline & alkaline earth ions introduced into the pulm. cavity (Fr) 48881

circ., determ. by selective angiography (Ger) 22189

circ. eff. of carotid sinus baroreceptor reflexes in dogs 17989

circ. morphopathol. (Sp) 37880

disord., classif. & review 43068

eff. of arterenol & epinephrine on pulm. hemodynamics, role of reflexes from carotid sinus baroreceptors 51109

eff. of chronic atelectasis on bronchial & pulm. blood flow in dogs & man 48723

eff. of increased pulm. vasc. resist. on left auric. wave transm. in exper. mitral insuff. in dogs (Fr) 28354

exper. prod. of right pulm. circ., excluding right heart, in dog (Fr) 26809

form. of new vasc. channels in lungs in pulm. hypertension 17905

hemodynamic studies in mitral valve dis. 35635

megakaryocyte count in lungs of rabbits after exper. stimulation 140

minute volume changes during use of heart-lung appar., eff. on perfusion of vital organs (Ger) 29111

multiple vasc. anastomoses with fibrotic tunica media & hyalinized tunica intima in patent ductus arteriosus in adult, case report (Pol) 20192

natural shunts (Dut) 43065

normal & pathol. vasc. system (Sp) 53959

peripheral vessels, reactive capacity determ. for estimation of risk in heart & lung surg. (Ger) 29077

postmortem demonstration of bronchial arteries with polyvinylacetate material (Ger) 24913

pulm. capillary pressure curves in mitral insuff. in dog with closed thorax, relation to right auric. pressure (Fr) 26497

pulm. capillary pressure in exper. mitral insuff. in dogs, relation to left auric. pressure (Fr) 36677

pulm. circ. after exper. bypass of right heart in dogs (Fr) 36673

site of capillaries in vasc. bed of isolated dog lung, method for determ. (Ger) 30516

terminal vasc. structure, postmortem angiographic demonstration (Ger) 33521

transm. of left atrial pressure waves to right pulm. capillary position in dog in open-chest surg. (Fr) 35026

vasc. changes in Eisenmenger's complex 51027

vasc. dysplasias, review (It) 48683

vasc. pattern in mitral stenosis, relation to central blood volume & heart output 35636

vasc. shunts, review (Sp) 4071

***calculi***

alveolar microlithiasis, case report (Sp) 44413

familial diffuse alveolar microlithiasis, x-ray manifest. (Fr) 25451

***cysts***

(Sp) 8925

air cysts (Fr) 3624

bilateral polycystic dis. with Mikulicz' dis. in child, case report 50610

bronchogenic, solitary, case report (It) 27629

classif. 38038

clin. aspects & x-ray diag. in child. (Rus) 5963

hemorrhagic, non-specific, clin. & x-ray aspects (Ger) 11106

honeycomb lung with pituitary hyperfunct. 40093

malignant degen. of congen. bronchogenic cyst & sarcoma of lung presenting as large cyst, case reports 36005

of aberrant pulm. lobe with pericardial defect, case report (Sp) 43887

pseudo-air cysts after pneumonia in child., x-ray findings (Ger) 3605

pseudocysts, case reports & review (Ger) 27381

surg. 54284

***effect of drugs on***

ACTH on histiocytic activity of lung tissue, phagocytic mechanisms (It) 35656

anesthetics, local, on dilat. receptors in guinea pigs, comparison with antihistamine action (Ger) 29893

antag. eff. of sympathomimetic aerosol on spontaneous collapse of excised guinea pig lung 13446

barium on smooth musc. in isolated frog lung (Ger) 23605

burned kaolin in rats (Ger) 47908

colloidal gold aerosols on alveolar tissue cells in mice, electron microscopy (Fr) 9500

fine dust aerosols on excised guinea pig lung before & after sympathomimetic aerosols 13445

micrococcal toxin on rabbit lung, histopathol. eff. 12466

***effect of radiations on***

(Fr) 29199

***embryology***

form. of lobes, relation to visceral kinetics (Fr) 44765

***extracts***

comparative analysis of antigenic pattern of rat kidney & lung extracts by gel diffusion against anti-rat kidney serum 4269

exper. induction of asthma in guinea pigs by human lung extracts 23523

isolation of lipid substance active against M. tuberc. from normal cats (It) 16010

isolation of lipid substance active against M. tuberc. from normal cattle, horses & dogs (It) 16011

isolation of lipid substance active against M. tuberc. from normal rabbits (It) 16009

***fistula***

esophagopulm. fistula, acquired benign, pneumonectomy 12713

pathol. & surg. (Fr) 6291

***foreign bodies***

causing bronchiectasis, reversal after removal (Ger) 33749

live leech 17436

needles, case reports (Fr) 24126

pin embedded in lung of dog 40413

stump of wood simulating pulm. tuberc. 2603

***gangrene***

with pulm. madauromycosis & abscess, case reports (It) 20183

***hemorrhage***

hematoma, x-ray diag. 47225

ther., claudex aerosol (Ger) 22349

***in aged***

eff. of age on swelling in acid of perivasc. connective tissue in human lung 50582

***in various diseases***

collagen dis. 8301

collagen dis., review 43073

collagen dis., sarcoidosis, eosinophilic granuloma & tuberous sclerosis 8302

collagen dis., x-ray & clin. manifest. (Sp) 43896

collagen dis., x-ray aspects (Fr) 39875

collagen dis., x-ray manifest. 47222

dermatomyositis, report of case with pulm. lesions 47516

fatal methyl bromide pois., case report (Fr) 47423

giardiasis (Fr) 43747

hemorrh. of fifth ventricle (Fr) 30474

mitral valve dis., comparison of hemodynamic & x-ray data with resp. funct. tests (Fr) 9082

rheum. arthritis 13297

Strongyloides stercoralis infect. with transient pulm. infiltrations (Pol) 53152

***infarction***

multiple bilateral (Ger) 22923

postop. in segmental resection in pulm. tuberc. 41454

review 42069

***metabolism***

ammonia metab. & transport in dog lung 54408

arterenol & 3-hydroxytyramine content in various animals (Ger) 29904

beryllium trace analysis 46617

fat storage (Ger) 41771

histamine content, eff. of x-irradiation in rabbits (Fr) 3118

histamine liberation from sensitized guinea pig lung slices during anaphylactic reaction, eff. of sodium malonate & succinate, correlation with oxygen uptake 1383

lipases in lung tissue (It) 21448

lipids, eff. of temperature (Rus) 37307

lipoprotein form. during fatty degen. of cells, histochem. (Fr) 15074

metab. & transport in dog lung 54405

serotonin, in exper. anaphylactic shock (It) 37354

***pathology***

alveolar macrophage cytosomes, electron microscopy (Ger) 25815

biopsies in pulm. hypertension with mitral stenosis & congen. cardiovasc. defects 42511

biopsies taken during mitral commissurotomy, evaluation & correlation with mitral dis. (Fr) 36680

biopsy in disseminated pulm. fibrosis, granulomatous dis., neoplasms & pneumonitis 31630

biopsy in mitral stenosis, progn. value (It) 6980

broncho-pulm. manifest. in intestinal giardiasis (Fr) 28362

dust content of lungs of coal workers in Gt. Brit. 48203

eff. of intracardiac pressure during induced cardiac arrest with total perfusion with cardiopulm. bypass in open heart surg. in dogs 18119

fatal lesions in rats after splenectomy, pathol. (Fr) 3089

giant cell reactions in elastic tissue in cystic bronchiectasis (Hun) 10587

histopathol. changes caused by air pollution with smog, in dogs 4639

in asphyxiated & resuscitated guinea pigs, electron microscopy (Ger) 55385

in exper. influenza A in mice, variations in mice infected with mouse-adapted & non-adapted strains (Rus) 33649

in heart dis. associated with pulm. venous hypertension 49185

in influenza, pulm. compl. 50468

in leukemia (Fr) 31114

in lupus erythematosus, disseminated, x-ray changes (Rus) 45135

in lupus erythematosus, scleroderma & other collagen dis., case reports & review (It) 31745

in nickel workers 26053

in periarteritis nodosa 8300

in plasma cell myeloma (Bul) 32603

in rheum. arthritis (It) 31752

in rheum. arthritis, clin. study & review (It) 31744

in sarcoidosis, eff. of massive doses of vitamin C on pulm. manifest. (Fr) 2417

in scleroderma & disseminated lupus erythematosus (Sp) 33012

in Weber-Christian dis. with lung involvement, clin. & autopsy findings & pathogen. 1177

increased number of pulm. megakaryocytes in ethol. of postop. thromboembolism 50206

interstices in collagen dis. (Ger) 27200



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

labile pulm. infiltrates in hepatic distomiasis (Fr) 38380

mitochondria of alveolar epithelium (Ger) 25814

morphol. & funct. changes caused by ligation of pulm. artery (Rus) 44001

perivasc. spaces, demonstration as pathol. entity & not normal anat. structures 11771

post-mortem exam. in newborn inf. (Pol) 30386

prep. of pathol. lung specimens in methylmethacrylate (Rus) 22360

***perforation***

by bone graft following Eden's operation for habitual shoulder dislocation, causing hemoptysis (Ger) 54945

***physiology***

***see also*** RESPIRATION

absorp. & distribution of dust & other foreign substances, electron microscopy, review (Ger) 27374

alveolar permeability measured by diapulmonary admin. of odoriferous substances & determ. of olfactive perception time (It) 42754

anaphylactic reactions to perfusion in vitro in rabbits (Fr) 4267

antibody form. by isolated perfused lungs of immunized rabbit, determ. of dynamics of antibody secretion with radiocarbon-labelled amino acids 13731

bronchial pressure, flow & volume, interrelation & correlation with maximum expiratory flow volume curve 30653

compliance in mitral stenosis 38625

compliance of human lungs during positive & negative pressure breathing 28635

department of cardiopulm. physiol. in Hôpital Ste-Justine, Montreal (Fr) 2533

eff. of acute central vasc. engorgement in normal subjects 49187

eff. of laryngeal denervation in rabbits (Rus) 25753

eff. of ligation of pulm. artery on ventilation, cardio-circ. funct., bronchial circ. in lung & pulm. morphol. (It) 47827

eff. of lungs on cardiac output as demonstrated by shape of indicator dilution curves in dogs 48738

eff. of oxygen tension on lung weight in newborn rats, relation to hyaline membrane dis. 15651

eff. of short-term oxygen inhalation in dogs (Ger) 29029

eff. of sympathetic NS stimulation on arterial lactic acid blood levels in rabbits (Ger) 30531

eff. of transmural blood pressure & transpulm. tissue pressure in isolated lung in rabbits (Ger) 34031

elasticity, age factor in young rats (Cz) 38201

elasticity in normal & silicotic subjects, determ. by relaxation pressure curves (It) 42221

elastin content of human lungs 31332

fetal lung prod. of amniotic fluid in last third of pregn., exper. study (It) 37331

in aged (Fr) 9049

in fat absorp. (Ger) 12089

in progressive pulm. dystrophy (Fr) 28356

intrapleural fixation for physiol. exper. (Rus) 15760

lung volume relation to airway resist. in patients of different ages 4857

lymphatic drainage in dogs 10110

mechanisms of defense against dust, relation to prev. of pneumoconioses (Fr) 6347

permeability of serotonin after intratracheal admin. in guinea pigs & rabbits (It) 37452

phagocytosis of indust. mineral dusts by macrophages in lungs, microcinematography (Fr) 32382

reflex contractility (Rus) 51206

spontaneous contractions & action potential of isolated frog lung (Ger) 30559

stretch reflexes from dog's lung to systemic circulation 48727

translocation & excretion of pulm. deposited plutonium oxide in dogs 23304

transpulm. gradient of blood glycoproteins (Ger) 360

volume & funct. after intrathoracic surg. & laparotomy 24904

volume, compliance & flow resist. in relation to body size from birth to adulthood 16814

***radiography***

(Sp) 15513

air crescent images, pathol. significance (It) 44315

appar. for vertical pictures (Rus) 10826

bronchopulm. stereoradiography, appar., theoretical & practical principles (Fr) 9115

bronchopulm. stereoradiography, new appar. (Fr) 9114

coin lesions, diag. & ther. 23692

coin lesions, diag. during routine chest x-ray (Fr) 9661

comparison of photofluorograms & large format exposure (Ger) 3610

diag., decrease of radiation dos. by additional copper filtration (Ger) 39390

during pneumonectomy (Ger) 3607

eff. of resp. on pulm. transparency (It) 31647

images of cavities filled with air or water & air, etiol. & diag. (Fr) 49644

miliary appearance, differ. diag., review 42070

modifications of lung image according to body constitution (Sp) 27237

postatelectatic opaque lung & pleurogenic opaque lung, mediastinal hernia as differ. diag. sign (Fr) 53347

principles (Sp) 39108

repeated labile infiltrates of cavitary appearance, with spontaneous disappearance (Fr) 53336

revealing nondiagnosable solitary nodule, indic. for exploratory surg. (Sp) 8811

round foci, etiol. (Fr) 29204

solitary round opacities & foci, differ. diag. (Ger) 46200

tomography in oblique frontal position, advantages (Fr) 43749

tomography, oblique, for segmental topographic investigations (Fr) 33339

x-ray changes in mitral stenosis (It) 53711

***surgery***

***see also*** PNEUMONECTOMY

in China (Rus) 51168

local anesth. (Rus) 18182

perop. & postop. pulm. edema, pathogen. & ther. (It) 11833

postop. coronary circ. in dogs (Ger) 29079

prev. of endobronchial dispersion of secretions by use of Carlens intubation technic (Ger) 38445

single lung anesth. technic in surg. of contralateral lung (Rus) 18179

transfusion of polyglucin in (Rus) 44020

with diffuse hemorrh. caused by fibrinolysis, management (Ger) 37750

***transplantation***

growth potentialities of embryonic lung tissues implanted in conditioned hosts 22312

***wounds and injuries***

eff. of ACTH & dextran on posttraum. shock in rabbits (Rus) 51169

exper. prod. by explosive decompression in guinea pigs, histopathol. (Fr) 7764

gunshot & blast trauma causing pseudotuberc. cavities (Rus) 45137

influence of pre-existing pulm. dis. on outcome 52642

## LUPUS

***see also*** TUBERCULOSIS, CUTANEOUS

***differential diagnosis***

miliary tuberc. of nasal cavity & pharynx simulating lupus vulgaris (It) 48109

***epidemiology***

21742

***manifestations***

midfacial area (Ger) 42284

***therapy***

heliother. & x-rays causing cornu cutaneum (Ger) 39396

ultraviolet irradiation by Fissen's method, eff. on vitamin D form. 23711

## LUPUS ERYTHEMATOSUS, DISCOID

chronic (Rus) 21691

***case reports***

face & scalp lupus with Darier-Roussy sarcoidosis of legs (Pol) 31510

***complications***

tuberc., incidence (Rus) 48076

***etiology and pathogenesis***

endocrine dis. (Rus) 55195

***manifestations***

chilblain lupus (Ger) 55483

***pathology***

bullous form, clin. & histopathol. aspects (Ger) 38865

topography (Fr) 6318

***physiology***

endocrine glands (Rus) 9845

***therapy***

camoquin (Sp) 9741

chloroquine (Bul) 45302

chloroquine diphosphate (Rus) 55209

chloroquine-hydroxychloroquine-quinacrine prep. 14404

43152

## LUPUS ERYTHEMATOSUS, DISSEMINATED

acute (Sp) 9737

clin. & ophthalmoscopic study, review (Sp) 9688

clin. forms, pathogen. & ther. (Rus) 9844

clin. manifest. & ther. (Rus) 9846

clin. manifest., pathogen. & ther. 18731

diag. & case report (Fr) 36528

diag. & differ. diag. relation to symptomatol. of other collagen dis. (Hun) 29154

diag. & ther. statist. (Fin) 27285

diag., manifest. & case reports 27509

Kaposi-Irgang's lupus erythematosus profundus (Sp) 33446

L. E. cell demonstration by defibrination-rotation method 12321

L. E. cells, determ., evaluation of 4 methods (Sp) 29345

L. E. cell, mechanism of form. (Ger) 11200

L. E. cell prod. in vivo by transfusion of patient's plasma 36305

L. E. cell promoting factor, partial purification & properties 44101

L. E. cell test in differentiation of rheum. & septic heart dis. (Ger) 33895

L. E. cell test, ring method (Ger) 15369

L. E. factor, chromatographic & electrophoretic studies 13630

L. E. factor, identification (Fr) 39874

L. E. factor in rheum. arthritis in pregn., determ. in mothers & in offspring 10959

L. E. factor inducing agglut. of tanninized sheep erythrocytes coated with desoxyribonucleic acid, affinity for various DNA prep. 24853

L. E. phenomenon 47014

LE phenomenon (Rus) 8260

L. E. phenomenon, immunol. mechanism 10950

L. E. phenomenon in chronic hepatitis, clin. & pathol. aspects 51333

L. E. phenomenon in rheum. arthritis 35205

L. E. phenomenon, interaction of dead leukocytic nuclei, L. E. factor & living leukocytes 1775

L. E. phenomenon, morphol. & relation to nucleophagocytosis (Ger) 27177

L. E. phenomenon, morphol. of peripheral blood (Dan) 45509

L. E. phenomenon, pathogen., review (Sp) 42106

L. E. phenomenon, pathomechanism & diag. significance (Hun) 29151

L. E. phenomenon serol. differentiation in lupus patients & in rheum. arthritis patients (Ger) 39873

manifest. & pathol. 20484

negative L. E. cell phenomenon 41814

nosol. (Ger) 29800

pathogen., symptomatol., differ. diag. & relation to rheum. dis. (Ger) 23747

review (Ger) 39792

***blood in***

thrombocytolytic factor in lupus assoc. with thrombopenic purpura (It) 51998

***case reports***

(Bul) 32750

(Heb) 16080

(Sp) 9745

acute, of articular type (Fr) 37929

clin. pathol. conf. 46958

familial 38913

familial (Sp) 21196

in infect. hepatitis, clin. aspects & postmortem pathol. 5652

with acute anemia & Micrococcus pyogenes aureus septicemia, in child, clin. pathol. conf. (Sp) 37264

with rheum. arthritis & hypertension, clin. & postmortem pathol. 48289

***complications***

bilateral rupt. of ligamenta patellae, case report 36914

cirrhosis & hepatitis in women with positive clot tests for lupus erythematosus 30108

glomerulonephritis, malignant (Fr) 54442

hemolytic anemia, case report (Pol) 30743

lung changes (Sp) 33012

pleural effusion 27521

pulm. tuberc., ther., prednisone, case report (It) 8667

thrombotic thrombopenic purpura (Sp) 9742

tuberc., incidence (Hun) 48076

***diagnosis***

Jones-Thompson precipitation test, validity 41040

latex agglut. test 20763

musc. biopsy, technic & value, case report (Fr) 37893

precipitation test (Sp) 53920

review 578

serodiag., Gruber-Widal reaction (Fr) 54470

p-toluene sulfonic acid test, clin. evaluation 24101

40280

***differential diagnosis***

photodermatitis (Ger) 16091

rheum. arthritis 35206

rheum. arthritis, chloroquine ther. 24106

thrombopenic purpura, case report 9818

***immunology***

complement-fixing reactants against desoxyribonucleic acid & leukocyte lysate, correlation with L. E. phenomena & clin. status 17579

globulin-nucleohistone reaction, determ. using fluorescent antibody 22913

immunol. factors in pathogen. 1235

lupus globulin-nucleoprotein reaction, diag. value 13161

precipitin reaction between desoxyribonucleic acid & a serum factor 40816

review (Fr) 21263

specific globulin, reaction with nuclei of tissue cells & leukocytes 37696

***in infant and child***

(Ger) 34089

differ. diag. from dermatomyositis 50989

***in pregnancy***

with albuminuria, ther. & progn. 39726

with maternal & neonatal thrombopenia & transplacental transfer of factors responsible for L. E. cell form., case report 12342

***manifestations***

(Sp) 9738

eye fundus (Sp) 9739

eye, ophthalmoscopic aspects (Sp) 9710

severe menorrhagia, pathogen. & case report (It) 3885

systemic manifest. 36295

thorax, x-ray manifest. (Sp) 9740

***pathology***

characterization of acute disseminated lupus erythematosus as collagen dis. & dis. of autosensitization, review (Fr) 37930

clin. & postmortem pathol. 562

lesions of hypodermis & alterations of striated musc. fibers, case reports (It) 19167

localization of lesions (Fr) 2388

lungs, x-ray changes (Rus) 45135

relation to dermatomyositis (It) 8586

viscera, with CNS changes causing minor chorea (Ger) 373

***physiology***

endocrine glands (Sp) 9744

liver & blood proteins (Rus) 22160

***psychology***

neuropsychiatric compl., case report (Sp) 53898

***therapy***

(Sp) 9736

adrenal cortex hormones (Sp) 53962

amodiaquin, causing agranulocytosis (Dut) 52524

antimalarials (Pol) 30864

chloroquine (Bul) 45302

chloroquine (Fr) 41946

chloroquine (Sp) 8909

chloroquine with hydroxychloroquine & quinacrine 43152

cortisone, prednisone & prednisolone, review (Pol) 30872

1-dehydro-16α-hydroxy-fludrocortisone 2517

prednisone, long-term ther. 2634

***LUPUS VULGARIS*** *see* **LUPUS**

***LUTEMBACHER SYNDROME*** *see* **CARDIOVASCULAR DEFECTS, CONGENITAL**

**LYE**

***poisoning***

52659

**LYMPH**

***see also*** **CHYLE**

cholesterol esterase activity of rat lymph 31379

circ., eff. of intestinal stimulation in young dogs, eff. of age factor (Rus) 1745

collection, flow rate & cell count of thoracic duct lymph of mouse 31296

enzyme content in udder lymph in cows, comparison with content in blood from udder veins & in milk 49303

flow & passage of dye-labelled protein from blood to lymph, eff. of hyaluronidase in dogs 7175

flow from canine liver 47117

flow in hemorrhagic, thermal & tourniquet shock in dogs 35368

flow, proportional decrease in decrease of sodium content of extracellular space in exper. animals (Hun) 29181

flow rate & lymphocyte content in thoracic duct & in right lymphatic duct in rats 31453

form., eff. of hyaluronidase in dogs (Ger) 34002

glutamic-oxalacetic & glutamic-pyruvic transaminase activity in dogs, eff. of liver lesions (Hun) 52894

lipase activity, eff. of ligation of pancreatic ducts in dogs (Ger) 24017

lipase activity, eff. of ligation of pancreatic duct in dogs (Hun) 29180

lipid changes in chylomicra & subnatant fractions of rat lymph during cholesterol absorp. 44126

lymph lipoprotein composition & concentration in dogs after fat & cholesterol feeding 16903

route of peripheral lymph to blood stream, x-ray study of barrier theory 50305

transaminase activity after hepatic damage due to acute biliary obstruct. in dogs 52370

**LYMPH NODES**

***anatomy and histology***

cell nucleus size in reticulum cells & endothelial cells of human lymph nodes (Ger) 35154

histochem. studies in normal & in gamma-irradiated mice 12944

metallophilia, antigen-stimulation to nuclear type of staining 23468

pulm. hilum (Rus) 31174

***diseases***

cases of uncertain origin (Sp) 53907

cervical, diag. value of palpation 4507

hilar enlargement caused by allergy & sarcoidosis (Ger) 19396

hilar lymph node dis. causing compression of pulm. artery & pulm. heart dis., surg. (Fr) 36684

in parapsoriasis en plaques with sunburn, differ. diag. from Hodgkin's dis. (Fr) 6314

involvement in toxoplasmosis, case report 23941

lipomelanotic reticulosis of erythroderma type, case reports (It) 51999

Löfgren synd. (Pol) 53156

lymphadenopathy induced by anticonvulsant drugs & mimicking clinically & pathologically malignant lymphomas, review & case reports 48551

mediastinal, appearing during tuberc., difficulty in etiol. diag. (Fr) 9251

mediastinal, case reports (Dut) 1625

mediastinal, causing reversible atelectasis, case report (It) 23673

mediastinal, diag. (Fr) 9635

10408

mediastinal, ther. (Sp) 15488

mesenteric lymphadenectasis with steatorrhea resembling Whipple's dis. 49688

pedicular adenopathies of liver & spleen, case reports (Fr) 30468

simulating Hodgkin's dis. in rheum. arthritis (Fr) 40484

***effect of radiations on***

x-rays on antibody forms. in rabbits (Ger) 34000

x-rays on transfer of rabbit lymph node cells incubated in vitro with Shigella-trypsin filtrate 50596

***in various diseases***

sarcoidosis, nucleic acid & protein content of histiocytes & lymphocytes in (It) 37428

***infarction***

non-tuberc. infarction of mediastinal lymph nodes in pulm. tuberc. spontaneous regression, case report (Sp) 8718

***metabolism***

proteins, radioautographic study with radiosulfur-labeled cpds. (Ger) 39241

***microbiology***

Mycobact. johnei & M. tuberc. from retropharyngeal & ileocecal nodes of apparently normal cattle 5691

***neoplasms***

cervical metastases from larynx, long-term results of combining elective block dissection with laryngectomy (Fr) 31924

cervical, metastatic, cobalt 60 teather. (Sp) 39106

cervical, metastatic from nasopharynx (Ger) 38992

diag. (Fr) 29210

gastrointestinal tract, x-ray diag. (Ger) 49124

lumbo-aortic, metastatic, diag. x-ray with retropneumoperitoneum (It) 20941

metastatic from cancer of throat, surg., bilateral jugular évidement, indic. & technics (Fr) 21344

metastatic from cutaneous epithelioma (Fr) 6317

metastatic from pharynx (Ger) 22785

metastatic from prickle cell carcinoma of skin, histopathol. (It) 38868

metastatic from thyroid, surg. & radiother. (Fr) 2323

metastatic, of cervical lymph nodes, radical bilateral dissection (Sp) 43885

pelvic lymph nodes, metastatic from prostatic cancer 53093

pelvic, metastatic from cervix, radium colpostat & pendulum ther. 28228

primary tumors of cervical lymph nodes (It) 13657

regional lymph node metastasis in primary lung cancer, pathol. findings in resected cases 47370

ther., cytotoxic drugs (Sp) 53957

***pathology***

biopsy of mediastinal nodes through tracheal carina 10105

biopsy of nodes of scalenus region in diag. of thoracic dis. (Ger) 37004

fibrosis & RE hyperplasia of mediastinal lymph nodes in silicosis & silicotuberc. (Pol) 7769

in leprosy 16354

in liver cirrhosis, relation of lymph node changes to hypergammaglobulinemia 34942

in tumor-bearing mice 34951

mediastinal puncture through tracheal ridge, technic & clin. value (Sp) 8714

prescalene biopsy, diag. value 835

19819

prescalene biopsy in diag. of lung cancer 36316

prescalene lymph node biopsy, Daniels' method (Dan) 43188

scalene biopsy in determ. of operability in cancer of lung 862

scalene biopsy in intrathoracic dis., diag. value & technic 14151

scalene biopsy in thorax dis., diag. value 1215

scalene lymph node biopsy, diag. value 50698

50993

scalene lymph node biopsy in differ. diag. of silicosis from silicotuberc. (Sw) 10170

***physiology***

antibody prod. by single cells from rat lymph nodes 29844

during recovery from total-body gamma irradiation in guinea pigs 37560

eff. of adrenal cortex hormones & x-rays on cervical nodes (Ger) 36447

eff. of anti-rabbit-leukocyte serum on transfer of antigen-incubated lymph node cells 50016

eff. of inject. of lymph node cells & bone marrow with total body x-irradiation on mouse lymphosarcoma 41105

phagocytosis of erythrocytes in vitro 17883

reactive process in cytopoiesis (Ger) 45796

responses to skin heterografts between rabbits & rats 28021

***surgery***

pelvic lymph node dissection in cancer of cervix after radiother. 648

radical pelvic lymphadenectomy with hysterectomy in cancer of cervix, follow-up statist. 12420

38600

retroperitoneal lymph node dissection with radical orchiectomy in cancer of testes, indic. & technics 55038

***transplantation***

eff. of preinject. of homologous leukocytes on homotransfer of lymph node cells in rabbits 47569

**LYMPHADENITIS**

***see also*** **CAT-SCRATCH DISEASE**

***case reports***

mesenteric, abscessing reticulum cell (Ger) 11405

***complications***

intussusception with mesenteric adenitis (Fr) 41439

***differential diagnosis***

cervical adenitis with massive tumor of nasopharynx, differentiation from infectious mononucleosis 17630

mesenterial, from acute appendicitis (Ger) 45793

***etiology and pathogenesis***

mesenteric lymphadenitis caused by Pasteurella pseudotuberc. in young people 19856

rubella, histopathol. (Sp) 25659

***in infant and child***

cervical adenitis due to Mycobacterium paratuberculosis (Fr) 53385

***microbiology***

Borrelia refringens (Rus) 22507

Pasteurella pseudotuberc. causing ileocecal lymphadenitis, clin. & exper. studies (Ger) 54390

***pathology***

superior cervical nuchal lymphadenitis with small groups of epitheloid cell proliferation (Ger) 33538

***LYMPHADENITIS, TUBERCULOUS*** *see* **TUBERCULOSIS, LYMPH NODE**

***LYMPHADENOSIS*** *see* **LEUKEMIA, LYMPHATIC**

**LYMPHANGIOENDOTHELIOMA**

***case reports***

pleura (Hun) 51438

thymus (Cz) 21573

**LYMPHANGIOMA**

***case reports***

abdom. (Rus) 41556

cystic hygroma of submaxillary region 15741

lung, peripheral tumor 5869

primary, of pancreas 23502

retroperitoneal 34964

thyroid gland (Ger) 23129

***differential diagnosis***

cystic mediastinal, from other mediastinal tumors (Ger) 22208

***in infant and child***

cervicomediastinal, with chylopericardium 23481

cystic, of neck, in Mexican child. (Sp) 37259

hygroma cysticum colli (Cz) 38329

left groin & penis, case report 7840

**LYMPHANGIOSARCOMA**

develop. in lymphedema 53226

in lymphedematous arm following radical mastectomy 876

postop., of arm after mastectomy 40060

LYMPHATIC SYSTEM

*see also* THORACIC DUCT

*anatomy and histology*

cecum (Ger) 23563
fallopian tube (Rus) 47856
lungs, age factor (Rus) 47853
lymph-venous anastomoses in cadavers (Rus) 51175
of newborn inf. & adults, comparison (Ger) 15977
plasma cells in lymphatic system of young guinea pigs 23948
spleen 12470
thyroid gland in rabbit (Rus) 47857
vagus nerve nodose ganglion (Rus) 47865
visceral, review (Rus) 47852

*diseases*

connective-microvasc. synd., clin. manifest. & develop. as clin. entity (Ilp) 21796
persistent right jugular lymph sac during Valsalva maneuver simulating cervical tumor 2893
ther., phenylbutazone & prednisone (Ger) 10295

*effect of radiations on*

x-ray, in rabbits (Rus) 55265

*in various diseases*

regional ileitis, x-ray manifest. (Fr) 23713
23714

*innervation*

autonomic, physiopathol. (Por) 30876

*physiology*

defense mechanism in bact. infect. (Rus) 33483
eff. of exper. inflamm. & adrenocorticosteroids in splenectomized & adrenalectomized rats (Ger) 47905
eff. of pleural stimulation on circ. (Rus) 49561
exam. through fistula of intestinal lymphatic duct in cat (Rus) 1767
form. of lymphocytes & plasmacytes in lymphatic tissue of rats, review (Ger) 37022
funct. in pathogen. of exper. anthrax in guinea pigs & rabbits 54386
hepatic circ., eff. of organ shock in dogs, isotope study (Ger) 23740
intestinal (Ger) 33968
lymph heart of frogs, electric action potential, ECG (Hun) 29174
mechanically disposed pulm. lymphatic regions in spreading of tuberc. through lymphatic system (Hun) 10579
morphogenetic significance of spreading through pulm. lymphatic system in pulm. tuberc. (Hun) 10566
pathophysiol. research, methodol. approach (Cz) 26521
pulm. drainage in dogs 10110
relation to pathogen. of skin dis. in rabbits, isotope determ. (Rus) 45635

*radiography*

intra-organ microroentgenography (Rus) 47890
lymphadenography (Ger) 15865
lymphangiography (Ger) 11409
lymphography, direct & indirect, physiol. principles (Ger) 11408
new technics (Fr) 18005
pelvic (Fr) 41404
technic (It) 27636
visualization of pelvic & lumbar lymph nodes & channels by inject. of thin iodized oil 31635
x-ray images of sub-ovarian lymphatic plexus in lipiodol hysterography 44636

LYMPHATIC VESSELS

of tonsils in normal humans & in chronic tonsillitis (Rus) 45731

*anatomy and histology*

laryngeal, pharyngeal & thyroid lymphatic vessels, outlet into cervical veins (Rus) 47866
lymphatics which drain potential space between visceral & parietal pleura, demonstration in guinea pigs 35909
ovarian (Rus) 47855

*diseases*

*see also* LYMPHEDEMA

obstruct. caused by idiopathic retroperitoneal fibrosis, with lymphedema, case report 30683

*pathology*

in stomach neoplasms (Rus) 33581
status of lymphatic capillaries of ear in acute inflammatory lesions of mouse & guinea pig 5673

*physiology*

union with lymphatics in skin homografts in rabbits in develop. of graft immun. 47554
uterine mucous changes during menstrual cycle (Rus) 12164

LYMPHEDEMA

etiol., diag. & ther. 53226

*case reports*

elephantiasis (Nor) 10381
elephantiasis of legs, pathogen. mechanisms (Fr) 35046
elephantiasis of vulva (Ger) 36019

*complications*

angioblastic sarcoma in post-mastectomy lymphedema 38004
epidermodysplasia verruciformis with traum. elephantiasis, diag. & case report (Fr) 37857

*differential diagnosis*

self-induced stasis of leg, expert testimony (Ger) 15445

*etiology and pathogenesis*

arm, after mastectomy, ther. 11784
idiopathic fibrosis of retroperitoneal tissue causing venous & lymphatic obstruct. (It) 30683
mastectomy 37941
mastectomy causing lymphedema of deficient phlebo-lymphatic vessels of upper arm (It) 31661

*LYMPHOBLASTOMA see* LYMPHOSARCOMA

LYMPHOCYTES

cellular mechanisms of antibody form. & other immunol. phenomena & eff. of steroids on lymphocyte metab. & funct. in rat, review 13225
changes during antibody prod. 52429
circ. determ. with radiophosphorus (Ger) 33989
count in thoracic duct & in right lymphatic duct of rats 31453
cytotoxic eff. of rabbit & guinea pig sera for human normal & leukemic lymphocytes 19495
Feulgen & periodic acid-Schiff reactions, eff. of sulfides (Dut) 7360
form., eff. of splenectomy in rat 27987
form., fate & funct. 52385
form. in lymphatic tissue of rats, review (Ger) 37022
in human fetal tissues studied by phase-contrast motion pictures (Fr) 36744
in peripheral blood in chronic myeloid leukosis, desoxyribonucleic acid & histonic protein content (It) 13966
in vivo & in vitro properties in rat 13226
labelling in thoracic duct of guinea pig after tritiated thymidine 42993
lymphopenia, familial with agammaglobulinemia & severe moniliasis, case reports (Ger) 39901
lymphopenia with micrococcal septicemia & agammaglobulinemia, case report (Fr) 51401
potentialities of lymphocytes & nature of failure of effective leukocytic defence in Hodgkin's dis. & other pathol. cond., review 13222
prod. rate & life span in dogs, determ. by radiophosphorus labeling 37235
rate of appearance of radiophosphorus-labeled lymphocytes in thoracic duct & peripheral blood 33065
separation from granulocytes, practical method 50736
separation from normal human blood, technic 17608
surface ultrastructure of normal & leukemic rat lymphocytes, electron microscopy 26457
vacuolization in healthy parents & siblings of patients of juvenile amaurotic idiocy 24898

*effect of drugs on*

toxic agents, slide-chamber method of determ., comparison in normal & lymphatic leukemia patients 11767

*effect of radiations on*

bone marrow lymphocyte count changes in guinea pigs during recovery from total-body gamma irradiation 37560
x-irradiation on synthesis in rabbits 8522

*in various diseases*

azurophilic lymphocytes in infect. hepatitis (Ger) 49070
form. in Hodgkin's dis., review 13224
Hodgkin's dis., biochem. & funct. 13223
myasthenia gravis, eff. of thymectomy 51523
sarcoidosis, determ. of their content of desoxyribonucleic acid & protein (It) 37428

*metabolism*

eff. of steroids & metab. inhibitors on protein & nucleic acid incorporation of glycine in normal & malignant lymphocytes 35260
protein concentration in normal mouse lymphocytes, interference microscopy technic 50571
radiophosphorus incorporation into desoxyribonucleic acid of rat lymphocytes 3509

*physiology*

fate of lymphocytes, demonstration by fluorescent microscopy 20918
funct. in nucleoprotein metab. 25033A
prod. & turnover 46430
role of adrenal hormones in lymphocyte mobilization in rats 50727

*LYMPHOCYTIC CHORIOMENINGITIS see* VIRUS DISEASES

*LYMPHOCYTOMA see* LYMPHOMA

LYMPHOCYTOSIS

thymic lymphocytosis-stimulating factor, prod. & relation to pathogen. of lymphatic leukemia 13227

*case reports*

infect., in adults with minimal symptomatol. (Rus) 32568

*complications*

serous meningitis in acute infect. lymphocytosis, case report (Hun) 16067

*in infant and child*

acute infect., case reports & review (It) 29732

*LYMPHOGRANULOMA INGUINALE see* LYMPHOGRANULOMA VENEREUM

LYMPHOGRANULOMA VENEREUM

benign, relation to benign inoculation lymphoreticulosis (Fr) 6378

*case reports*

14179

*complications*

syphilis, case report (Ger) 22985

*diagnosis*

deviation of complement reaction (Fr) 36552
Frei test in Fr. Guiana (Fr) 36550

*immunology*

intradermal reactions to Frei antigen in normal persons (Fr) 23531

*manifestations*

genito-anorectal synd. (Rus) 36883

*pathology*

rectum (Por) 42188

*LYMPHOGRANULOMATOSIS see* HODGKIN'S DISEASE

LYMPHOID TISSUE

*see also* ADENOIDS

*see also* TONSILS

*effect of drugs on*

desoxycorticosterone & hydrocortisone on desoxyribonuclease activity in rat lymphoid organs 24012
desoxycorticosterone on oxidation of glucose, pyruvate & succinate by cell-free prep. of rat tissue 1397

*effect of radiations on*

x-rays, causing lesions in rats in parabiosis after irradiation of one parabiont, mechanism (Fr) 26724

*metabolism*

thymine synthesis, pathways 1692,

*neoplasms*

*see also* LYMPHOMA

behavior of blood sulfhydryl cpds. (It) 55088
familial hemophagocytic reticulosis, clin. manifest. & pathol. 37695
malignant histocytic reticulosis, differ. diag. from leukemia (Ger) 9953
malignant reticulosis, possibly caused by multiple fract. & contusions received one year previously (Fr) 2478
malignant reticulosis, unusual tumor, disappearance following biopsy & graft, case report (Fr) 37881
malignant systemic primary reticulosis, manifest. & case reports (Dan) 6588
monocytic reticulosis, develop. from aplastic anemia (Pol) 30870
nodular reticulosis of skin with outbreaks followed by spontaneous regression (Fr) 2385
radiocobalt telether. (It) 13124
reticulosis, cutaneous, simulating sarcoidosis, surg. & nitrogen mustard ther. (Fr) 6330
reticulosis, exper., induction by methylcellulose storage in rats with dysproteinemia & hemolysis 23749
reticulosis in toxoplasmosis (Bul) 32782
reticulosis, relation to reticuloendothelial system, hematol. aspects (Ger) 15442
reticulosis with hypersplenism & agranulocytosis simulating Hodgkin's dis. (Mor) 19950
surg. excis. & oral admin. of nitrogen mustard (Fr) 2389
with cutaneous epitheliomas, case reports (Fr) 2387

*pathology*

cytol. identity & interrelation of component mesenchymal cells in Hodgkin's dis. 13228

*physiology*

lymphopoiesis, eff. of splenectomy in rat 27987

*transplantation*

newborn mouse reactions to inject. of homologous adult lymphoid tissue cells 47568

LYMPHOMA

*see also* MYELOMA, PLASMA CELL

*see also* RETICULOENDOTHELIOSIS

*case reports*

gastrointestinal system, various types 54498
malignant of ovaries 12400
skin, rare case (Fr) 37877

*diagnosis*

determ. of extent of involvement by angiography of venae cavae 50210

*differential diagnosis*

lymphadenopathy induced by anticonvulsant drugs, review & case reports 48551

*experimental*

eff. of diazotized arsenicals conjugated with blood proteins on mouse lymphoma cells in vivo 17250

*in infant and child*

malignant lymphoma with Chédiak-Higashi's leuko-anomaly & leukemic manifest., case report & necropsy 13874

*metabolism*

ribonucleic acid from human lymphomatous lymph nodes, induction of malignant mesotheliomas in newborn rats by intraperitoneal inject. (Fr) 15066

*pathology*

skin, histol. & clin. picture (Rus) 55193

spleen, eff. of various therapies 20944

transitional cells between lymphoma & reticulum cell sarcoma (Ger) 3998

*physiology*

survival of skin homografts in lymphoma patients 22320

*psychology*

vicarious object in adjustment to separation from significant person 20870

*therapy*

36874

subcutaneous, grid radiother. (Ger) 39388

x-ray ther. (Ger) 55722

## LYMPHOMA, GIANT FOLLICULAR

*case reports*

(Ser) 18519

Brill-Symmers dis. (Sp) 43933

Brill-Symmer's dis. of gastrointestinal system (Fr) 31081

clin. & histopathol. aspects (It) 36732

relation to later develop. of multiple myeloma at same site (Por) 3699

*in infant and child*

case report (It) 20208

*manifestations*

bronchial, case report (Fr) 50558

## LYMPHOSARCOMA

*see also* MYCOSIS FUNGOIDES

*blood in*

leukocyte sedimentation (It) 6914

*case reports*

cecum (Sp) 43906

53227

gastrointestinal system 54755

gastroduodenal, with lymphoid leukemia, clin. & x-ray aspects (Fr) 18003

heart, invasion from mediastinum (Rus) 33259

hypopharyngeal, misdiag. (Fr) 14387

ileo-ceco-appendicular region, pathways of spread (It) 53771

intestines, with perf. & peritonitis, clin. pathol. conf. (Sp) 1820

jejunum & ileum, unusual case reports (Fr) 40649

lung (It) 25549

lungs, with alveolar-capillary block & coccidioidomycosis 927

pancreas head & body, primary (Sp) 47832

small intestine (Fr) 51141

solitary, large follicular of stomach (Ger) 55704

stomach 36665

stomach, total gastrectomy, postop. subphrenic abscess & esophago-jejunal fistula, ther. & recovery (Sp) 1835

stomach, with lymphatic leukemia (Fr) 36661

stomach, x-ray aspects (Fr) 41381

tonsils 43725

with ano-rectal cancer, acquired hemolytic jaundice & hemochromatosis (Fr) 31966

*complications*

generalized with enterovesical fistula (Rus) 10802

hemolytic anemia, ther., prednisone & blood transfusion (Fr) 21334

pulm. aspergillosis in scalp lymphosarcoma 20308

*experimental*

mouse lymphosarcoma, eff. of total body x-irradiation & bone marrow transpl. (Dut) 43046

transplastable lymphosarcoma in mice, acquired immunity & hered. susceptibility 24109

*in infant and child*

mediastinal 50895

review 7423

small intestine 47592

*physiology*

adrenal cortex funct. 35153

*statistics*

incidence of involvement of organs in necropsies 33433

*surgery*

gastrectomy for primary lymphosarcoma of stomach, 10-year survival, case reports 27969

*therapy*

2,5-bis-aziridinyl-3,6-dipropoxyquinone, case reports (Fr) 14385

N,N-bis(2-chloroethyl)-N', O-propylene-phosphorodiamidic acid (Ger) 380

radiother. & surg. 29768

radiother. & surg. of gastric lymphosarcoma, case reports 29769

radiother., methods & statist. of Radiol. Institute of University of Milan (It) 8550

*urine in*

uric acid, massive excretion causing compl. in ther. of lymphosarcoma 51327

## LYSERGIC ACID DIETHYLAMIDE

pharmacol. 27981

review 42029

*antagonists*

azacyclonol & chlorpromazine 8351

reserpine-serotonin prep. in brain (Fr) 44915

*effects*

attenuation by pretreatment with neurohumoral blocking agents 34092

disturbances of cerebral metab. after prolonged admin. in rabbits, influence of ATP, cytochrome c & vitamin C (Fr) 15123

exper. psychoses in man, comparison with schizophrenia 31784

exper. psychoses, prev. of cerebral metab. changes with adenylpyrophosphate & vitamin C (Fr) 26662

induction of disord. in brain metab. & body fluid balance in rabbits, eff. of chlorpromazine & 10-(N-piperazinyl-carbonyl)phenothiazine (Fr) 26818

induction of psychosis, determ. of concentration of attention, square test (Cz) 14867

inhib. of cholinesterase hydrolysis of dihydrourocanyl choline by lysergic acid diethylamide & its 2-bromo deriv. 19579

inhib. of intermedin secretion in toads 35076

mechanism of action 15573

mechanism of action in humans based on comparison with eff. of potassium cyanide & other oxidase & resp. inhibitors on Siamese fighting fish 72

on absolute visual threshold 17077

— acetract snaking 11653

on behavior, perception & other psychiatric components, clin. statist. (Fr) 27339

on body image, pharmacol. test of hypothesis 28546

on body temperature in pigeon, action & interaction with tranquilizing agents & serotonin 35827

on body temperature in pigeon after subcutaneous inject. 35826

on brain metab. in rabbits, influence of epinephrine, ephedrine, phentolamine & pyridostigmine (Fr) 26670

on brain metab. in rabbits, relation to exper. psychoses (Fr) 3065

on carotid sinus reflex, lysergic acid diethylamide & related cpds. 14123

on circ. reflexes in cats (Ger) 27854

on CNS, in rabbits, comparison with 1,2,5,6-tetrahydro-1-methylnicotinic amides (Fr) 26663

on conditioning & habituation to arousal stimuli in cats 42973

on dextran-induced swelling of rat's paw (Ger) 36950

on focal convulsion potential of cerebral cortex of rabbits (Ger) 30556

on hypotensive eff. of epinephrine & 3-hydroxytyramine in guinea pigs & rats (Ger) 45967

on melanophores of fish 736

on personality test responses 50858

on protein metab. of cerebral cortex & liver in growing rats, comparison with lysine (Ger) 26991

on spinal reflexes in cats 31339

on synaptic transm. in lateral geniculate body in cats, mechanism of action 28553

psychic eff. in normal persons, comparison with lysergic acid ethylamide & lysergic acid amide (Ger) 26996

psychol. eff., inhib. by 5-hydroxytryptophan 50857

psychopathol. eff. in neurotics, comparison with lysergic acid ethylamide (It) 9763

psychopathol. eff. in schizophrenics, determ. by tree-drawing test (It) 27654

psychopathol. eff., modification by hydroxyzine hydrochloride 48966

psychosis, sympt. alleviation in response to psychother., research findings 11659

psychotropic, comparison with endogenous psychosis (Ger) 26987

relation to toxoplasmosis & schizophrenia (Sp) 39440

*metabolism*

biochem., review 8347

brain & other tissue distribution in mouse after intraperitoneal inject., application to etiol. of schizophrenia in man (Ger) 32681

in animals, relation to exper. schizophrenia (Ger) 33834

*related compounds*

2-bromo-d-lysergic acid diethylamide, eff. on CNS in cats 39270

isolysergic acid alkaloids, incidence & determ. in galenic ergot prep. (Ger) 43598

d-lysergic acid cycloalkylamides, pharmacol. (Cz) 26519

d-lysergic acid cyclopentylamides, postpartum uterotonic eff. (Cz) 26520

*therapeutic use*

adjuvant in psychother. 50905

alcoholism, adjuvant to psychother. 8499

ment. disord., eff. on behavior, affects, ment. funct. & attitude of patients (Fr) 27345

## LYSINE

in rolled-dried & spray-dried milk powders, relation of in vitro availability to efficiency of milk proteins 13392

*antagonists*

S-(β-aminoethyl)cysteine competitive inhib. of lysine utilization by Lactobacillus arabinosus & Leuconostoc mesenteroides, reversal by lysine peptides 13397

*deficiency*

causing fat deposition in rat tibia 20768

eff. on adrenal response to ethyl alcohol, determ. by adrenal content of cholesterol & vitamin C 44284

*effects*

on induction of dent. caries by wheat cereal diets in rats 17816

on protein metab. of cerebral cortex & liver in growing rats, comparison with lysergic acid diethylamide (Ger) 26991

*in urine*

quantitative determ. by two-dimensional paper chromatography 50714

*metabolism*

availability in various food prep., review 20040

histone & nucleoprotein labeling with radiocarbon-labeled lysine in tissues of tumor-bearing rats 2696

incorporation by normal & cystinuric leukocytes 44119

incorporation into proteins in various brain areas in monkeys 5480

incorporation of carbon-labeled lysine in regenerating single nerve cells 19824

minimum requirement of rat, relation to protein level of diet 5559

pooling by intact cells & protoplasts of Micrococcus lysodeikticus 4717

Pseudomonas species KT 83, enzymatic hydrolysis of 6-N-benzoyl-L-lysine 14914

requirements of inf. 46536

substrate for D-amino acid oxidase 13770

total uptake by intact cells, protoplasts & cell walls of Micrococcus lysodeikticus 4718

uptake by brain, liver & musc. of mice at different ages 5479

*related compounds*

acyllysine anilides, kinetics of papain-catalysed synthesis 25417

ε-(aminosuccinyl)-lysine form. from ε-aspartyl-lysine, bacitracin A & cell walls of lactobacilli in strong HCl 25860

ε-aspartyl-lysines, synthesis 25859

hydroxylysine, deamination by L-amino acid oxidase from turkey liver (Fr) 13753

hydroxylysine metab. in collagen biosynthesis, review 20039

*therapeutic use*

supplementation of human infant formulae on rats 50963

*LYSOLECITHIN see* LECITHIN

## LYSOZYME

in nasal polyps & secretion, eff. of surg., clin. study & review (It) 52938

structure, properties, determ. & physiol. role (Fr) 26207

*determination*

in T2 bacteriophage 10873

ultraviolet absorp. spectrum, influence of ionization of component carboxyl groups 1710

*effects*

lysis of gram-negative bact., facilitation by edathamil 37089

on Aerobacter aerogenes 19497

on Bacillus megatherium filament, form. (It) 52778

on blood coagulation in dogs & rabbits (It) 37520

on blood protein picture after admin. to rabbits, electrophoresis (It) 1406

on protoplast form. of E. coli, comparison with glycine & other amino acid- & penicillin-induced protoplast, review (Fr) 32290

on Salmonella typhosa, controlled treatment for obtaining protoplasts (Fr) 3093

on streptomycin-resist. Bacillus megatherium (It) 54240

protective eff. in shock & alarm reaction in guinea pig, histol. (It) 6813

*metabolism*

excretion with feces in enteritis in inf. (Ger) 55515

*therapeutic use*

epistaxis, eff. on coagulation factors, nasal bact. flora & cicatrization (It) 37312

*LYTIC COCKTAIL see* HIBERNATION, ARTIFICIAL

*MACROGLOBULINEMIA see* SERUM GLOBULIN

## MACROPHAGES

cell division of macrophages cultured in vitro, microcinematography (It) 34428

endothelial behavior of macrophages in exper. atheroma in rabbits 5636

exper. transformation of pulm. macrophages into cells resembling mast cells by intratracheal instillation of heparin, in guinea pigs 46549

pulm. alveolar macrophages in mouse tissue, electron microscopy 40580

uninuclear epithelial, in uterus mucosa (Ger) 33949

*metabolism*

histochem. demonstration of enzymes in macrophages cultivated in vitro (Ger) 45794

protein synthesis in rabbit macrophages in vitro, comparison with HeLa cells 37564

*MADUROMYCOSIS see* FUNGUS DISEASES

MAFFUCCI'S SYNDROME

*case reports*

835
11615
24989

MAGIC

*see also* SUPERSTITIONS

pseudomysticism in schizophrenia (Ger) 27038

relation to castration complex 4285

MAGNESIUM

biol. importance, review 38554

reactions of benzylidene-arylamines with mixtures of magnesium & magnesium iodide (Ger) 47677

*deficiency*

balance exper. on sheep with herbage from fields associated with lactation tetany & from control pastures 37595

exper., general sympt., tissue calcification & blood chem. in dogs (Ger) 23592

exper., inducing secondary potassium depletion, sodium retention, nephrocalcinosis & hypercalcemia in rats 25870

induction of leukocytosis in rats 31429

*determination*

in blood & urine, technic (Fr) 26905

in calcium chloride, edathamil technic (Ser) 39710

simultaneous determ. with calcium, rapid method (Fr) 47354

*effects*

inhib. of exper. myocardial infarct induction by sodium salts & steroids or stress & steroids (Fr) 29218

magnesium arsenate phosphor, toxic eff. in animals, eff. of dimercaprol 46888

magnesium chloride fibrillatory eff. on dog heart, influence of hypothermia 32354

magnesium chloride on bact. polysaccharide-induced arteriosclerosis & myocardial infarct-like lesions in rabbits 46873

magnesium chloride prev. of papain-induced myocardial necroses in rats 26504

magnesium ions on dog spermatozoa 5779

magnesium loading on renal excretion of magnesium & other electrolytes 4868

on condensing enzyme, acetylcoenzyme A deacylase & citrogenase fraction prepared from Aspergillus niger 42866

on coronary blood flow & heart action before & after arterenol & epinephrine inject. in isolated rabbit heart 36555

on growth & morphol. of tissue cultures of mouse lymphoblasts 2703

on ionic equilibrium & ECG (Fr) 47350

on nerve-musc. prep. of rat 13439

on beach survival in tricationic solutions (Fr) 26929

on thyroid funct. in rainbow trout (Fr) 26757

reversal by magnesium ions of inhib. of yeast metab. by cationic detergent 7165

*in blood*

defic., with hypocalcemia in tetany of cattle, review 38187

determ. (Ser) 22639

determ. by edathamil, method 48483

eff. of adrenal cortex hormones in adrenalectomized dogs 39204

eff. of excis. of various endocrine glands in dogs 10137

eff. of glucose with insulin (Fr) 26820

eff. of hypothermia on levels in newborn animals (Rus) 41631

in myocardial infarct & normal subjects, relation to lipid blood levels 18461

in various pathol. cond. 21846

normal values 7138

total & ultrafilterable magnesium in hyperthyroidism & hypothyroidism 17026

variations during exper. hypercalcemia & hypocalcemia (Fr) 26762

*in urine*

excretion in kidney calculi, comparison with healthy subjects (Fr) 45022

magnesium-potassium-sodium excretion, divergence during stimulation of endogenous aldosterone prod. 17036

struvite content at various pH, relation to calculi form. 5937

*metabolism*

biochem. funct., clin. factors 5585

blood & middle ear secretion in various forms of otitis (Rus) 22657

disord., clin. aspects (Sw) 43184

eff. of vitamin D & ultraviolet irradiation in milk-fed calves 13723

in man, review 7416

in severe burns 25042

interaction with desoxyribonucleoprotein from sea urchin sperms 3502

review 7407

*therapeutic use*

hyperazotemia, with glucuronic acid & sodium thiosulfate (It) 26635

loss of appetite with growth disord. in child., magnesium molybdate-vitamin B12-vitamin T prep. (Sp) 39970

magnesium-dehydrocholic acid-magnesium nicotinic acid in Sudeck's atrophy, eff. on blood circ. (Ger) 42911

MAGNESIUM OXIDE

*administration*

magnesium oxide with cyclospasmol, pharmacol. (Dut) 43589

MAGNESIUM SULFATE

for euthanasia in dogs 4616

*administration*

with penicillin (Rus) 36413

*poisoning*

(Sw) 43184

*therapeutic use*

chronic coronary heart dis. with angina or myocardial infarct, indic. & case reports 54508

coronary artery dis., parenteral admin. 9798

thromboangiitis obliterans, with glucose & insulin, intra-arterial admin. & eff. on ECG (Rus) 33208

MAGNETISM

electromagnetic eff. of copper shield on erythrocyte sedimentation in copper container (It) 38777

electrophoresis in magnetic field 49295

new magnet for ophthalmol. use (Ger) 23846

*MALAR BONE see* ZYGOMA

MALARIA

(It) 6888

in Nigerians, incidence & comparative ther. & prophylactic value of various antimalarial drugs 2260

*blood in*

protein changes in tertian (Ger) 34330

*case reports*

tertian, in malaria-free Rotterdam (Dut) 43047

unusual length of Plasmodium ovale infect. 37702

*complications*

acute temporary cerebellar synd., case report (It) 25894

anemia, acute, case report (Fr) 18082

epilepsy (Ger) 33867

*epidemiology*

congen., in Russia (Rus) 18892

in China, distribution & control 48680

in Fr. departments in the Americas, decrease of incidence (Fr) 1432

in Fr. repatriates (Fr) 9222

in Ghana, armed forces personnel 10974

in Lower Guinea (Fr) 42040

in Mexico, eradication (Sp) 27525

in No. Koreans, late remissions in course of other dis. (Ca) 26532

in So. Cameroons, parasite survey 5535

in U. S. military personnel in Okinawa 45562

world geographic distribution (Fr) 26973

*experimental*

acquired immun. to Plasmodium berghei in white mice 40948

blood loss & replacement in untreated weanling & mature rats with Plasmodium vinckei 40941

blood platelet cholinesterase in Plasmodium berghei infect. in mice, eff. of splenectomy (Fr) 36857

blood sugar & tissue glycogen levels in monkeys infected with Plasmodium knowlesi 35070

develop. in vitamin A-defic. white rats (Fr) 1034

eff. of amopyroquin 1292

eff. of vitamin A defic. on berghei malaria in rat (Fr) 26710

parasitemia & survival in Swiss & STR mice infected with Plasmodium berghei 5597

Plasmodium berghei infect. in white mice, factors influencing virulence (It) 9378

Plasmodium berghei infect. of Rattus natalensis erythrolysocus 10975

Plasmodium rouxi infect. in canaries, eff. of splenectomy (It) 31728

Plasmodium vinckei infect. in rats, eff. of splenectomy on natural resist. (Fr) 26767

suppressive eff. of chloroquine- & pyrimethamine-salt mixtures in sporozoite-induced Chesson strain vivax malaria in human volunteers 14458

uninterrupted intracerebral passage of Plasmodium berghei from mouse to mouse, neurotropic mechanism (Fr) 14448

vinckei, eff. of splenectomy in rats (Fr) 18137

*history*

first official survey in Venice & its province (It) 38232

in Virginia, in early 19th century 48370

malaria & intermittent fevers in Venice proper & in lagoon islands (It) 38233

*in pregnancy*

eff. on duration of pregs., in Nigerians 3281

eff. on newborn inf. 37681

*prevention and control*

DDT & dieldrin in Indonesia (Ger) 34470

in Assam tea estate 28668

in Brazil (Por) 44434

in Brit. Guiana, eradication programs 33135

in Eastern Europe (Fr) 3154

in Federation of Malaya 6480

in French Guiana, mosquito resist. to insecticides (Fr) 32417

in Italy (It) 9375

in Mexico, organiz. & evaluation of eradication program 26395

in Mozambique (Por) 12902

in Northern Transvaal 9817

in Spain (Sp) 8954

in Taiwan, control & eradication progr. report of WHO malaria team 26394

mosquito control with petroleum products (It) 54233

organic phosphorus cpds. as residual treatments for adult mosquito control 47259

organiz. & cost of spraying team (Sp) 13910

review (Por) 44433

vector control, technical training of personnel (Sp) 13906

worm program (Sp) 13905

*statistics*

endemic incidence in Algeria (Fr) 1422

endemic incidence in river-side villages in Africa (Fr) 1078

in highlands of Papua & New Guinea 18753

*transmission*

parasite rates in Rhodesia 14459

*MALARIOTHERAPY see* FEVER THERAPY

MALATES

*see also* THIOMALATES

*metabolism*

content in immature seeds during growth & maturation (Fr) 3032

malic acid-reducing bact., nutritional & growth requirements (Ger) 47651

MALEATES

maleic anhydride reactions with methyl-1, 2-benzanthracenes, correlation of reaction rate & equilibrium constants with carcinogenic activity of benzanthracenes 17780

*determination*

maleic anhydride, determ. in air in presence of phthalic anhydride, α-naphthoquinone & benzoic acid (Rus) 3815

*effects*

N-carbamoylmaleamic acid inhib. of mitosis in onion root tip cells 31392

*metabolism*

dihydroxyfumaric acid, nonenzymic decarboxylation 16930

*MALEIC ACID see* MALEATES

*MALIC ACID see* MALATES

MALIGNANT CARCINOID SYNDROME

4456 5241 39145 45928

(Rus) 41547

clin. manifest. & ther. 23396

53529

metab. & physiol. of funct. synd., review & case reports 5585

review 1220

review (Dut) 7332

review (Ger) 46010

*case reports*

8107

45817

48528

(Fr)
13015 36644 36643 36646
36686

(It) 43468

with carcinoid tumor within an ovarian teratoma, preop. & postop. clin. & biochem. studies 11970

*experimental*

attempted exper. induction of cardiovasc. lesions similar to those appearing in malignant carcinoid synd. (It) 1878

*manifestations*

cardiovasc. synd. 40427

metabolic disord., comparison with reserpine-induced synd. (Ger) 3601

psychopathol., review & case reports (Ger) 33377

*metabolism*

serotonin (Sp) 44509

serotonin prod. & excretion (Ger) 39862

tryptophan, blood & urine levels 2616

*pathology*

heart changes, post-mortem aspects 23968

*physiology*

cardiac changes & serotonin metab. 39456

humoral eff. of metastasizing carcinoid 30918

physiopathol., review (Sp) 44509

*urine in*

5-hydroxyindoleacetic acid analysis, diag. value (Sw) 10182

serotonin metabolites 9556

MALINGERING

*see also* SELF-MUTILATION

hearing loss, detection by rapid simple technic 23458

Munchausen's synd. 53051

propaganda leaflets with instructions for simulation of dis. dropped behind allied lines in 1944 invasion of Italy 53294

self-induced stasis of leg, expert testimony (Ger) 15445

simulated collapse by med. student to obtain a night's lodging in hosp. 42183

simulation of backache, medicolegal value of diag. technics (Sp) 15527

simulation of ment. disord. by criminals (It) 44348

skin resist. changes in sidetone test for auditory malingering 5851

MALLEOMYCES

*see also* MELIOIDOSIS

pseudomallei, distribution & pathol. range (Fr) 13036

pseudomallei toxins, characterization 16883

pseudomallei toxins, prod. in vitro 16882

*MALNUTRITION see* DEFICIENCY DISEASES

*MALNUTRITION see* NUTRITION DISORDERS

MALOCCLUSION

traum. occlusion & occlusal equilibration 4408

*case reports*

case of extensive rehabil. 16539

*complications*

Jaffe-Lichtenstein dis. & asymmetry caused by traum. malocclusion, pathol. & case reports 35331

*etiology and pathogenesis*

Costen's synd., with stenosis of eustachian tube & hearing loss, audio-prosth. management 11721

*prevention and control*

by fluoridation in Kansas schools 50685

*therapy*

management of funct. occlusal disharmonies 40232

MALONATES

*effects*

calcium mesoxalate on insulin content of pancreas in rats & dogs 15582

on histamine-liberation from sensitized guinea pig lung slices during anaphylactic reaction, correlation with oxygen uptake 1383

*in urine*

methylmalonic acid, metab. origin in rats (Ger) 49902

*metabolism*

Botrytisia fuckeliana, mold responsible for sweet rot in grapes, utilization & metab. eff. 33775

malonic acid & methylmalonic acid form. during catabolism of pyrimidine bases (It) 1944

*MALONIC ACID see* MALONATES

MALT

malt candy, determ. of sugar composition (Ger) 42828

malt soup extract in ther. of pruritus ani 3383

sugars in malt extract, chromatography (Ger) 30614

*MALTA FEVER see* BRUCELLOSIS

*MALTASE see* CARBOHYDRASES

MALTOSE

mutarotation in various solvents, comparison (Fr) 26303

*metabolism*

enzymatic hydrolysis, stereochem. aspects 49300

*related compounds*

α-(p-nitrophenyl)maltoside as substrate for assay of amylase 7228

*MAMMALS see* ANIMALS

*MAMMARY GLAND see* BREAST

*MAMMILLARY BODIES see* HYPOTHALAMUS

*MAN see* ANTHROPOLOGY

MANDELIC ACID

*related compounds*

benzilic acid 2-diethylaminoethyl thioester, metab. (Rus) 48041

benzilic acid with 2-dimethylaminoethyl benzilate, ther. of common cold (Ger) 39491

MANDIBLE

*see also* CHIN

*abnormalities*

Grob's dysplasia lingofacialis, with median cleft palate (Ger) 38438

microgenia, plastic surg. (Ger) 29099

micrognathia, etiol. & surg. 34931

micrognathia in Pierre Robin synd. 37249

micrognathism, surg., vertical osteotomy of ascending ramus & bone chips, new technic 46483

Pierre Robin synd., case reports 30665

prognathism, classif. & surg. indic. & technics (Fr) 32029

prognathism, surg. 41253

prognathism, surg., indic. & technics for prev. of funct. deform. 24686

prognathism, surg. indic. & technics in edentulous patients 24687

prognathism, surg., use of freeze-dried bone for ther. of postop. nonunion 41249

*anatomy and histology*

ment. foramen & mandibular canal in juvenile & senile mandibles 16790

*cysts*

aneurysmal bone cyst 7682

benign with arachnodactyly, case report 20388

cholesteatoma, case report 17874

submandibular cyst caused by parotid fistula (Tur) 22384

surg., with grafts of spongious bone (Fr) 51467

traum. bone cyst involved in line of fract. 43364

*diseases*

actinomycosis of lower jaw, case report 6504

exper. osteomyelitis induced by x-irradiation in dogs 53739

fibrous dysplasia, surg. 52846

funct. restriction, surg. 52847

hyperplasia, unilateral, of mandibular condyle, case reports 20687

hypertrophy, unilateral total acquired (It) 25712

mandibular joint dis. causing otalgia (Rus) 10763

osteomyelitis in Chinese subject 20133

symmetrical dysplastic fibrosis causing vacuolization of odontoblasts & lesions of dent. pulp 20154

*effect of radiations on*

x-ray induced necrosis in oral cancer ther. (Rus) 10793

*fractures*

compound comminuted fract. of mandible body, surg., intermaxillary fixation, case report 17877

faciomandibular, seq. of malreduction, malposition & malunion 5206

fixation of mandibular splint in dog 4614

fract.-dislocs., surg. (Ger) 19330

subcondylar, conservative ther., preauial approach 7675

subcondylar, management 41253

ther. (Fr) 6395

ther., fundamental principles 33018

*neoplasms*

adamantinoma, radical surg. with autoplasty (Ger) 39101

ameloblastic sarcoma 8000

chondrosarcoma, excis. & reconstruction of mandible with tubed pedicle graft 278

Ewing's sarcoma 30198

fibroma, case report (Tur) 45476

fibromyxochondrosarcoma, case report 24676

metastatic from lung, case report 4430

metastatic, pathol. 1208

myeloma, plasma cell, with extensive destruction of bone & infiltration of parotid gland (Hun) 52899

osteochondroma of coronoid process 17875

osteoid osteoma, concurrent with submaxillary gland calculi, case report 20148

*surgery*

bone graft, remote results, case reports 53122

plastic surg. after resection, technics (Sp) 53321

prosth., vitallium implant for transected portion 24673

reconstruction with homogenous bone grafts, indic. & technics 24671

Webb bolt as space-maintaining appliance in mandibular defects 20393

*MANDIBULOFACIAL DYSOSTOSIS see* FACIAL BONES, *abnormalities*

MANGANESE

interaction with enolase & substrate 2-glyceric acid phosphate, electron-spin-resonance measurements 13786

*deficiency*

ataxia in offspring of manganese-defic. rats 41225

*effects*

induction of resp. defic. in yeast 7203

manganese ion concentration in Bacillus subtilis cultures on synthesis of D- & L-glutamyl polypeptides 28250

on potato virus Y titer in pepper plant leaves 22604

*in blood*

erythrocytes, evidence for manganese porphyrin in man 52301

in various blood dis. (It) 39769

*metabolism*

blood clearance & uptake by liver in man 4856

high specificity of pathway in man 4860

requirements for vitamin C synthesis by liver extracts of vitamin E-defic. rats 28233

review 43289

*poisoning*

manganese oxides, eff. on adrenal cortex of mice (Rus) 31148

*MANIA see* NEUROSES, OBSESSIVE-COMPULSIVE

*MANIA see* PSYCHOSES, MANIC-DEPRESSIVE

MANNITOL

*metabolism*

mannitol-2-C14 oxidation by Acetobacter suboxydans, determ. of isotope eff. 9563

seaweed Fucus vesiculosus, biosynthesis of radioactive mannitol from radiocarbon dioxide 21665

*related compounds*

1,6-bis-(β-chloroethylamino)-1,6-desoxy-D-mannitol, exper. & clin. evaluation of cytotoxic eff. 54875

MANNOSE

*determination*

quantitative spectrophotometric method 44907

*related compounds*

N-acetyl-D-mannosamine, enzymic synthesis 13775

MANOMETER

cholangioradiomanometry, perop., clin. statist. (Sp) 1842

differential manometry in registration volume rate of blood flow (Rus) 48028

manometric actinometer for x-rays (Ger) 34234

new manometer types for Warburg appar. (Ger) 49893

new type sphygmomanometer, determ. of maximum arterial pressure (It) 48902

pocket radiomanometer (Fr) 8234

progr. in manometric methods (Ger) 23059

radiomanometry in diag. of duodeno-biliary dyskinesia caused by reflux of duodenal & pancreatic fluids (Fr) 36656

van Slyke's double manometric appar. for analysis of blood gases (Rus) 55300

Warburg's, determ. of mechanism of action of colimycin (It) 52018

*MANUBRIUM see* STERNUM

*MAPHARSEN see* OXOPHENARSINE

*MARASMUS see* INFANT NUTRITION DISORDERS

*MARCHIAFAVA-MICHELI SYNDROME see* HEMOGLOBINURIA, PAROXYSMAL

*MARCUMAR see* COUMARIN, *related compounds*

*MARFAN'S SYNDROME see* ARACHNODACTYLY

*MARIE-BAMBERGER DISEASE see* OSTEOARTHROPATHY, HYPERTROPHIC PULMONARY

*MARIE-STRUEMPELL DISEASE see* SPONDYLITIS, ANKYLOSING

*MARIHUANA see* CANNABIS

MARRIAGE

*see also* FAMILY

betrothal, medicolegal aspects (Ger) 19050

compulsory premarital blood testing for syphilis 4491

consanguineous marriages, eff. on birth weight, gestation time & measurements of inf. 545

consanguineous marriages, eff. on sex ratio, malform. & death rate 544

consanguinity, biol. & genetic eff., review (Fr) 13830

consanguinity, case report of infantile cortical hyperostosis in sisters (Ger) 39900

consanguinity in Belgian province, statist. 23721

consanguinity in Chicago area 35692

consanguinity, relation to etiol. of congen. malform. 43530

counseling in cases of male sterility (Ger) 15331

cousin marriages, hered. & soc. aspects 55071

early marriage trend in U. S., reasons 22741

eff. of marital conflict on child develop. (Sp) 21246

eff. of self-acceptance on marital happiness 17116

hypererotism of psychopaths in marital life (Cs) 14905

marital counselling, principles 26443

marital satisfaction, relation to husbands' & wives' perception of similarity in their preferred frequency of coitus 16503

marriage neurosis, re-enactment in group psychother. 50902

marriage stability of alcoholics 8509

premarital exam. & counseling for GP 16591

premature marriage failure, physiol. & psychol. factors in failure (Fr) 8370

sexual tones in marriage of sterile & once-sterile female 49495

symbolic representation of sexual conflict in marriage 44229

*MARROW see* BONE MARROW

MASKS

gauze face masks for nurses & other personnel of tuberc. hosp. 52805

gauze face masks in prev. of air-borne resp. infect. 52804

new plastic surg. mask, comparison with gauze mask 22063

*MASOCHISM see* SEXUAL DEVIATION

**MASSAGE**

syncardial massage, eff. on blood pressure (Ger) 23017

*therapeutic use*

decubitus ulcers, technic & results (Fr) 54893

**MAST CELLS**

chem., funct. & morphol. of rat mast cells 13232

count in postmortem tissues, validity in relation to count during life 138

cutaneous mast cell tumors in dog, cat & ox 26023

disruption by various agents causing alterations in radioiodine distribution in rats 3697

eff. of hormones & exper. scurvy on mast cells in uvea 47050

in choroid plexus of Ambystoma mexicanum 55616

in peritoneal fluid, pressure-centrifuge studies in rats of various ages 39282

in vocal cords, histochem. determ. (It) 42748

origin & distribution in tissues 7659

phagocytosis of mast cell granule by eosinophils in rat 47085

relation to histamine in rat urine (Ger) 33298

selective staining (Rus) 48053

stain. in concentrated hemoglobin solutions (It) 37479

staining properties, eff. on contact with proteins & hemoglobin (It) 36711

*effect of drugs on*

allicin inhib. of degranulation induced by histamine liberators, lecithinase A & antigen-antibody reaction 35390

exper. mastocytosis produced by heparin (Fr) 31115

exper. transformation of pulm. macrophages into cells resembling mast cells by intratracheal instillation of heparin, in guinea pigs 46549

release of histamine from mast cells by tissue extracts 19498

*effect of radiations on*

x-irradiation causing mast cell changes in rats 2053

*in various diseases*

count in myocardium in coronary sclerosis 139

disruption in anaphylaxis in rats, eff. of inject. of Hemophilus pertussis vaccine 19617

eff. of sarcoma polypeptide on mast cell count & eff. of mast cell depletion on sarcoma growth 2696

excess as cause of coronary thrombosis, theory 18469

fluorescent mast cell reaction in precancerous skin of lizard 19681

in anaphylactic shock in guinea pigs, histol. study (Ger) 40134

in human tumors, count of mast cells in diverse malignant & benign tumors & comparison with normal tissues in which the tumors were formed 38057

tissue mast cell content in relation to susceptibility to exper. atherosclerosis 14103

*metabolism*

26024

binding of histamine & serotonin (Ger) 1580

histamine form. in canine mastocytoma 49365

in gastric mucosa in normal cond. & gastritis 24848

in various stress cond., heparin metab. as funct. of mast cells in rat (Sp) 53976

leucine aminopeptidase activity, histochem. determ. 52374

serotonin & histamine synthesis in neoplastic mast cells in tissue culture 48567

*pathology*

periarterial mast cells in coronary atheroma & thrombosis 5676

*physiology*

buffering action toward basic proteins (Ger) 34017

destruction by inject. of distilled water into rats 39249

eff. of formaldehyde-, heat- & peptone-shock on mast cells of mesentery & omentum of rats (Ger) 35023

eff. of stress on activity in rat mesentery 22004

eff. of x-irradiation, pituitary & sex hormones in exper. animals 15672

hyaluronidase inhibitor in fractions of isolated rat mast cells, microturbidimetry 36278

**MASTECTOMY**

Halsted's technic with radical peristernal lymph nodes excis. in cancer (Pol) 20440

in adenocarcinoma with lipophagic granuloma, postop. recur. of lipophagic granuloma at thoracic wall & forearm (It) 3880

in breast cancer 35868

54510

location & dissection of long thoracic & thoracodorsal nerves in radical mastectomy 54725

nipple replacement by new plastic surg. technic (Hun) 18597

patient selection, eff. on interpretation of cancer survival statist. 6187

plastic surg. for correction of mammary deform., various methods & indic. (Ger) 18951

radical & simple mastectomy, indic. 4546

radical, in breast cancer, eff. of postop. radiother. on skin transpl. tolerance 47589

radical in breast cancer, postop. late local recur. 1217

radical, in breast cancer, with radiother. (Ger) 6062

radical, in breast cancer, with radiother., follow-up (Hun) 51432

radical, in cancer of breast, progr. 48972

radical in cancer of breast, technic for postop. plastic repair of pectoralis minor (Ger) 34544

radical, with cutaneous suture of nipple bottom (Sw) 10175

radical with peristernal lymph node excis. in cancer (Pol) 20441

simple, with radiother. in breast cancer 47842

48518

simultaneous reconstruction of breast 22031

Stewart incision, advantages (Sp) 5230

Stewart incision with cervical debridement in breast cancer (Sp) 44419

*complications*

angioblastic sarcoma in postmastectomy lymphedema 38004

in radical surg. of cancer, prev. & ther. 47848

lymphangiosarcoma in lymphedematous arm following radical mastectomy 876

40060

lymphedema of arm, ther. 11784

lymphedema of homolateral defluent phlebo-lymphatic vessels of upper arm (It) 31681

postop. edema of arm, prev. (Fr) 51678

postop. lymphedema 37941

**MASTICATION**

inj. eff. of chewing gum 7535

**MASTIGOPHORA**

*see also* LEISHMANIA

*see also* TRICHOMONAS

*see also* TRYPANOSOMA

Chilomonas paramecium, adaptation to potassium cyanide in relation to composition of nutrient medium 3939

Chlamydomonas moewusii, fine structure of flagellar appar. 39289

nuclear structure & mitosis in Euglenineae 47656

Schizotrypanum cruzi & Schizotrypanum vespertilionis from bats in Costa Rica, comparison 5598

Strigomonas oncopelti, fine structure of kinetoplast-blepharoplast complex 3494

*metabolism*

vitamin B12 in Ochromonas malhamensis, eff. on growth 5094

**MASTITIS**

chronic cystic mastitis, endocrine relation to cancer of breast 934

plasma cell mastitis, relation to secretory dis. of breast (It) 1494

*case reports*

plasma-cell mastitis 30921

plasmocytic (Fr) 42425

*diagnosis*

modified Whiteside test as screen test 18777A

*epidemiology*

micrococcal puerperal, frequency & course in hosp. (Ger) 3941

puerperal mastitis caused by micrococci in hosp. maternity units 33940

*etiology and pathogenesis*

Pseudomonas aeruginosa in cow, case report 40408

*experimental*

coliform, septic, in animals (Ger) 32301

micrococcal in goat, pathol. 17111

*microbiology*

E. coli, reversion of A minus- to A plus mutants (Ger) 33308

penicillin tolerance of streptoc., micrococci & enterococci isolated from infected bovine udders 16777

*prevention and control*

puerperal (Ger) 55399

puerperal mastitis in hosp., statist. (Ger) 3944

puerperal, prev. with chloramphenicol ointment (Ger) 51826

*therapy*

puerperal, biotic ther., results (Ger) 11438

tetracycline & its phosphate & pyrrolidinomethyl complexes in puerperal mastitis (Ger) 22188

x-ray ther. & ultrasonics in puerperal mastitis, review (It) 29802

*transmission*

inf. infect. hazard in breast feeding (Ger) 29420

**MASTOID**

*see also* PETROUS BONE

*see also* TEMPORAL BONE

pneumatization, anat. & pathol. factors 11735

pneumatization of mastoid process, relation to middle ear abnorm. (Ger) 27740

pneumatization, relation to nature of higher tones of hearing in foundry workers (Pol) 30308

pneumatization, relation to oso-salpingitis 35290

*cysts*

massive epidermoid, petromastoid, of temporo-occipital region (Fr) 1017

*diseases*

actinomycosis (Rus) 10778

with cholesteatoma & other compl. after failure of antibiotic ther., surg. 21842

*fractures*

causing otitic facial paralysis, surg., case report (Fr) 36161

*neoplasms*

osteoma of mastoid process (Rus) 10777

*pathology*

hypocellularity, nature & significance 50748

*radiography*

landmarks 15733

*surgery*

excis., improved technic 17425

indic. & technic in facial paralysis 20536

mastoidectomy in Clarence Darrow's ear infect. 39301

petromastoid evidement with implant of fatty tissue, anat. & funct. results (Fr) 1012

petromastoidectomy in cure of epilepsy of auric. origin (Fr) 54114

post-mastoidectomy cholesteatoma (Hun) 39427

primary closure of radical mastoidectomy wound, technic to eliminate postop. care 5218

radical excis. followed by tympanoplasty with retroauric. pedicle skin graft, indic. & technic 46485

rapid postop. healing by use of post-auric. flap 41054

**MASTOIDITIS**

*complications*

cerebro-cerebellar abscess (Fr) 9070

*etiology and pathogenesis*

polio. (Fr) 30230

scarlet fever, penicillin ther. (Fr) 31046

*in infant and child*

concealed, conservative ther. & surg. (Ger) 42357

*therapy*

antibiotics & sulfonamides (Sw) 45343

**MASTURBATION**

instrumental, with subsequent for. bodies in bladder, case reports (Cs) 9454

introduction of loblolly pine straw in male urinary tract during masturbation, case reports 33078

significance in pediatrics (Por) 52992

**MATERNAL MORTALITY**

9790

caused by adrenal hemorrh. (Dut) 52553

caused by labor anesth. 53825

caused by postpartum Micrococcus pyogenes infect. 43336

causes 14784

causes in Finland (Fin) 10072

decline due to progr. in obst. 4475

during 1957 Asian influenza epidemic in New York City 13405

hosp. statist. in Argentina (Sp) 30335

in abortion & other obst. cond., hosp. statist. in Chile (Sp) 30236

in El Salvador (Sp) 13524

in Germany (Ger) 15421

34598

in Germany, eff. of prenatal care (Ger) 15397

in Malaya 18788

in New York 24522

in No. Dakota 17611

in Ohio 30256

in Ohio, with postmortem cesarean section 20106

in pregn. toxemias, causes 3013

in pulm. embolism 7652

in So. Africa 17841

17842

in trichloroethylene anesth. in labor 14570

relation to manual separation of placenta (Cs) 14818

relation to umbilical prolapse & presentation 18782

*statistics*

in cesarean section 5309

50190

**MATERNAL WELFARE**

*see also* PRENATAL CARE

activities of Hong Kong mission hosp. 41422

comprehensive maternity care 27056

group counseling & group psychother. (Sw) 21807

in Austria (Ger) 11024

in Chile 50230

in Fr. Guiana (Fr) 37786

in France (Fr) 9048

in Germany, hist. (Ger) 15332

in Germany, statist. (Ger) 15333

in Hungary, report on activities of a maternity home (Hun) 30036

in Netherlands & Scand. countries 294

in Russia (Rus) 53047

in U. S. 28116

med. & hosp. care, statist. 7876

**MATERNITY**

eff. of age of mother at birth of patient on etiol. of cryptogenic epilepsy 34078

in Singapore, in young girls below legal marriage age, relation to infant mortal. rate, statist. 6481

**MATHEMATICS**

applications of natural law of growth 31615

in biol. (Fr) 53446

logarithmic values of geometric mean antibody titres 40845

J. von Neumann's concept in CNS physiol. (Cz) 48604

**MAXILLA**

***diseases***

necrosis, diag. & etiol. 24691

osteomyelitis in inf. & child., antibiotic ther. & surg. (Pol) 30331

osteomyelitis in inf. with facial hemiatrophy after 25 years (Ger) 23051

***embryology***

relation of fusion of embryonal processes to globulomaxillary cysts 43368

***fractures***

zygomatico-maxillary fract. causing diplopia, diag. & ther. 23845

***neoplasms***

cystic hygroma of submaxillary region 15741

differ. diag. (Sp) 3345

fibroma of maxillopharyngeal space, case report (Fr) 47475

ganglioneuroma in child, case report 17628

giant cell tumor (Rus) 55233

giant cell tumors, case reports (Pol) 30313

myelomatous epulis with plasma cell myeloma & malignant pheochromocytoma 7674

polycystic ameloblastoma 7673

surg. approach (Fr) 36167

***radiography***

new unilateral incidence for radiol. exam. of sphenomaxillary fissure (Fr) 41393

***surgery***

retropositioning of premaxilla with expansion prosth. in cleft palate 8036

***MAXILLA, INFERIOR*** *see* **MANDIBLE**

**MAXILLARY SINUS**

irrigation through middle meatus 5243

oral surg. problems complicated by maxillary sinus involvement, management 41346

transillumination (Ger) 23042

***anatomy and histology***

connections with frontal sinus (Fr) 44661

***cysts***

recur. postop. Kubo cyst (Ger) 33537

***diseases***

chronic, surg., Caldwell-Luc operations, case reports 118

rhinoscleroma with involvement of ethmoid sinus & orbit, case report 38393

sinusitis, chronic bilateral causing Reiter's dis., case report (Ger) 23039

sinusitis, diag., stratigraphy, cooperation between otolaryngologist & pneumologist (Cz) 14840

sinusitis in child., diag. & ther. (Fr) 3153

sinusitis in inf. & child. (Pol) 30326

sinusitis, local antibiotic ther., using permanent catheter (It) 30335

sinusitis, relation to lower nasal hyperpatency & clinicoradiol. data for vasodilative & secretory nasal ther. (It) 42600

sinusitis, ther., lavage with 1,4-dimethyl-7-isopropylazulene solutions (It) 42751

sinusitis with & without subacute & chronic bronchitis in child., x-ray manifest. (Fr) 33033

tuberc. sinusitis, case report 35325

***embryology***

develop. in humans, review (Fr) 44660

***fistula***

oro-antral (Sp) 23915

oro-antral after tooth extraction, plastic closure 5370

***foreign bodies***

large metal fragment 41058

retained root of tooth, surg. 50148

***neoplasms***

anaplastic carcinoma metastastic to heart causing rupt. 14968

diag. & ther. (Por) 13592

ganglioneuroma not fully developed in child, surg. (Pol) 30315

lymphomatous neuroma, histopathol. & case report (Fr) 36152

***surgery***

funct. surg. (Fr) 31929

**MEASLES**

***see also*** **RUBELLA**

(It) 42596

***case reports***

with acute appendicitis (Pol) 7819

***complications***

encephalitis, clin. & EEG findings (Cz) 38282

encephalitis, with hemiplegia, cortisone ther. 39935

hepatitis & liver cirrhosis in inf., case report (Sp) 46669

pneumomediastinum (Ger) 25279

superinfect., prev. by antibiotics 41257

***epidemiology***

in Yugosl. (Ser) 51726

***immunology***

hemagglut. by convalescent serum (Rus) 22709

mutual virus antag. in cases of chickenpox & measles (Rus) 39743

***in pregnancy***

causing abnorm. (Fr) 54139

***pathology***

postmortem findings of child. dying in prodromal stage 5682

***prevention and control***

vacc., progn. (Rus) 51201

***virus***

isolation & identification 21727

rate of multiplication in rhesus monkey kidney cell cultures 35363

review (Ger) 38987

transplacental penetration in animals (Rus) 22708

***MEASLES, GERMAN*** *see* **RUBELLA**

**MEAT**

***see also*** **FOWLS, DOMESTIC**

***see also*** **SLAUGHTERING AND SLAUGHTERHOUSES**

3,4-benzopyrene in smoked & half-smoked sausage, fluorescent-spectral analysis (Rus) 33599

estrogenic residues in edible tissues of beef & chickens fattened with stilbestrol & other estrogens, assay using mouse uterus 39202

mineral constituents, analysis by paper chromatography 4177

nutritive value of cooked meat 4118

prod. potentials, eff. of hormones on growth & fattening of livestock 8638

suitability as food for young inf. (Fr) 16378

***effects***

preprandial ingestion of small quantity of ham on appetite (Fr) 24878

***microbiology***

bact. contamination, technics for prev., review (Fr) 26349

bacteriol. of sausages (Ser) 39712

Bologna sausage, hygienic control in Italy, serol. analysis method (It) 36226

develop. of Cryptococcus, Rhodotorula & Torulopsis species on oxytetracycline- & chlortetracycline-treated poultry meat 25162

exam. of deer & wild boar meats (Sp) 29538

hyg. aspects of food products made from chopped meat (Rus) 33639

inhib. in beef of chlortetracycline-resist. Proteus vulgaris & Pseudomonas aeruginosa by subbacteriostatic concentrations of chlortetracycline 1308

Micrococcus pyogenes in turkey salad 40247

motile, homofermentative Lactobacillus species in ham-curing brines, occurrence & significance 1304

pathogenic virus & bact., transm. to man, review (Fr) 26348

wild boar meat causing trichinosis (Rus) 18878

***MECHLORETHAMINE*** *see* **NITROGEN MUSTARDS**

***MECHOLYL*** *see* **METHACHOLINE**

**MECKEL'S DIVERTICULUM**

compl. & pathol. 10984

incidence, compl. & surg. indic. 12846

***abnormalities***

abnorm. mesenteric band causing intestinal obstruct. 17443

***case reports***

with argentaffinoma 24797

***complications***

aberrant pancreas causing intestinal obstruct., review (Ger) 11145

acute abdom. in inf. & child., diag. & surg. (Ger) 34561

acute intestinal obstruct. in Meckel's diverticulum with persistent obliterated omphalomesteric duct 47251

enteroumbilical fistula with open diverticulum of umbilicus, surg. indic. & technics (Fr) 17655

hemorrh. of invaginated diverticulum (It) 20983

incarceration in inguinal hernia, in newborn inf. 5731

invagination of diverticulum causing intestinal obstruct., review & case report (It) 51991

strangulated crural hernia containing Meckel's diverticulum (It) 7731

***diagnosis***

clin. & x-ray diag. 15949

preop. diag. of sympt. Meckel's diverticulum 26607

***diseases***

inflamm., with appendicitis, intestinal obstruct. & acute abdom. (It) 53782

***perforation***

by fish-bone (Dut) 38550

causing intestinal obstruct. in 3-year-old child (Fr) 30483

in inf., case report 32478

into hernial sac without acute abdomen, differ. diag. (Por) 51644

with peritonitis (Fr) 51458

***rupture***

causing meconium peritonitis in newborn, case report 17919

***MECKEL'S GANGLION*** *see* **GANGLIA, AUTONOMIC**

***MECLIZINE*** *see* **ANTIHISTAMINICS**

**MECONIUM**

causing intestinal obstruct. in newborn (Ger) 30063

chronic meconium peritonitis in newborn inf., diag. value of amniotic fluid microscopy (Ger) 55647

meconium peritonitis caused by rupt. of Meckel's diverticulum in newborn, case report 17919

pathol. & case of meconium intestinal obstruct. in inf. (Sp) 44528

viscosity & origin of meconium in meconium ileus 44112

**MEDIASTINITIS**

***etiology and pathogenesis***

esophageal perf., conservative ther. (Ger) 27745

pneumonia, pathol. (Rus) 33277

**MEDIASTINUM**

in influenza & whooping cough, auscultatory findings 7448

***cysts***

classif. & clin. aspects (Fr) 54620

clin. statist. & x-ray manifest. 54920

congen., intrathoracic, causing spinal deformities in 3-year-old child (It) 24936

embryonic, with digestive lining, in 9-month-old inf., surg. & recovery (Fr) 30485

enteroenterogenic cysts (Ger) 54940

gastrogenic with bronchial communication causing peptic bronchitis, unusual case 35930

mixed bronchogenic & esophageal cyst, in 8-year-old child (It) 53580

originating from tumor of dura mater (Rus) 45235

paraesophageal ciliated, relation to bronchogenic cysts 844

thymic cyst, case reports 36037

***diseases***

adhesive mediastinopericarditis as initial clin. manifest. of subacute lymphatic leukemia (It) 42587

granuloma causing esophageal obstruct. 51165

hernia as sign for differ. diag. between postatelectatic opaque lung & pleurogenic opaque lung (Fr) 53247

***foreign bodies***

diag. & surg., review (Ger) 27380

shell fragment, prolonged presence (Rus) 45750

***neoplasms***

angioma in child, case report (Fr) 30533

angiomas, case reports (Ger) 34536

anterior mediastinal tumors, differ. diag. from thymic cysts 40935

cervicomediastinal lymphangioma with chylopericardium in inf. 23681

chondrosarcoma in posterior mediastinum 18136

classif., clin. aspects & ther. (Fr) 54630

clin. statist. & x-ray manifest. 54930

cystic lymphangioma, differ. diag. from other tumors (Ger) 22200

dermoid cyst, manifest. by coughing up hairs (Pol) 30700

differ. diag. from posterior paramediastinal pleurisy (Rus) 45230

differentiation from aberrant thyroid tissue by radioiodine (Ger) 15363

fibroangioma (Dut) 29968

fibrosarcoma (Rus) 10829

ganglioneuroma, case reports & review (It) 47500

hemangioendotheliosarcoma of lung, mediastinum & intestine (Fr) 43781

in child., surg. (Bul) 28700

liposarcoma, case report 10697

lymphosarcoma in child. 50895

lymphosarcoma, invasion of heart (Rus) 33259

manifest. & diag. (Fr) 49735

metastasis from bronchogenic lung cancer (Rus) 51225

neurilemmoma, malignant mediastino-pleural (Fr) 28361

paraganglioma 36323

plasma cell myeloma (Fr) 53421

reticulum cell sarcoma of anterior mediastinum, case report (Fr) 11861

sarcoma, deep x-ray ther. causing aplasia of one breast in young girl (Fr) 41369

sarcoma in child (Rus) 20303

simulation by distention of innominate artery & venae cavae (Fr) 28359

teratoma (Sp) 13527

teratoma, with metastatic choriocarcinoma (Sw) 43185

with myasthenia gravis (Dut) 1619

x-ray differ diag. from aortic dextroposition (Fr) 29144



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

xanthomatous tumor with histol. characteristics of heteroplastic disembryoma of anterior mediastinum, unusual case (Fr) 35055

*radiography*

diag. value of x-ray exposure of mediastinal borders (Ger) 39374

pneumotomography, technics & diag. value (Ger) 12048

tomography, technic (Fr) 41377

*surgery*

local anesth. (Rus) 18182

rare case resist. to radiother. (Fr) 18008

removability of mediastinum, application to chest surg. (Ger) 22216

*MEDICAL ART see* ART, MEDICAL

*MEDICAL CARE PLANS see* HEALTH INSURANCE

*MEDICAL CARE PLANS see* NATIONAL HEALTH PROGRAMS

MEDICAL CENTERS

Albany Med. Center 42163

Boston University Med. Center 36995

Center of Exper. Med. & Surg. of University of Milan (It) 29867

Children's Med. Center of Boston (It) 9307

concept 14348

Georgetown Med. Center, building program 2329

in Lille, France (Sp) 8958

Institut Pasteur de la Martinique, 1966 activities (Fr) 1431

Institut Pasteur de la Martinique, 1967 activities (Fr) 1434

library of med. center, admin. problems 14350

library of med. center, dent. research in 14349

library of med. center, planning for staff & serv. 14351

Med. Center of University of California at Los Angeles 52154

Nuffield House, Harlow, England 8305

University of Kansas Med. Center 6543

Shelby, Iowa, Medical Center 54287

Yale-New Haven Med. Center 29330

MEDICINE

*see also* GENERAL PRACTICE

at Amer. Indian reservation 17923

chem. in (Rus) 36383

civil defense responsibilities of med. profession 40331

clin. aspects of natural science progr. (Ger) 41762

comparison of Eastern & Western med. (Fr) 37769

contribution of med. educators to organized med. profession & Amer. Med. Assoc., need for extension 50810

contribution of Mofse ben Maimon (Fr) 21594

contribution of Johannes Müller (Ger) 362

cooperation with nursing profession 28350

Council for Internat. Organiz. of Med. Sciences, activities 41866

dynamic med. & rehabil. in space age 51952

econ. & pub. relation problems 21512

future trends (Ger) 4039

hazards of non-professional control in med., lawyer's viewpoint 5387

heritage of med. 6487

in Alabama, Community Med. Rating Survey, AMA council report 16623

in Alaska, physician's wife's viewpoint 33674

in ancient & modern China (Ger) 42893

in Belgium (Fr) 28823

in Canada (Fr) 55120

in Communist China 18366

in Communist China & Russia 18360

in Denmark, educ. of physicians, organiz. of hosp. & legal status of med. profession 3179

in E. Germany (Fr) 3149

in England (Fr) 38794

in European countries (Fr) 38825

in Fr. Africa (Fr) 36549

in France (Ger) 19051

in France & Gt. Brit. (Cz) 2744

in France, comparison with other European countries (Fr) 38820

in India 6210
7434

in Israel (Sp) 15482

in Japan 19145

in Minnesota, contributions of William & Charles Mayo 48361

in Netherlands, organiz. 38823

in Nigeria 50863

in Portugal, eff. of creation of Ministry of Health on med. profession, pub. health serv. & hosp. construction & care (Por) 50083

in Russia (Rus) 33469 33494 33495 45196

in Russia, current progr. 22486
55364

in Russia, impressions of visiting American physician 21800

in Tibet 16361

in U. S. 10988 14068 22571 24556 26021 37548 45800 50817

in U. S. & Gt. Brit. 51583

in U.S., impressions of a So. Rhodesian physician 38144

in U. S., visiting Italian physician's viewpoint (It) 42633

in Vietnam (Dut) 52549

in W. Germany (Fr) 48363

in W. Virginia 45918

in Yugoslavia 14056

inclusion of humanity in the concept of med. (Por) 40214

Indian med. in New Brunswick 48514

lessons of med. 42106

med. & pub. health exhibit at Brussels World Fair 44275

med. assistance for diag. & ther. of trivial ailments & funct. dis. as burden of Soc. Security & med. profession in France (Fr) 48948

med. care standards, eff. of internat. cooperation in World Med. Assoc., WHO & other organiz. 55415

med. care statistics, programs for improvement in various countries 55419

med. communication, costs to authors 6536

med. concepts in Descartes' philosophy (Dut) 52494

med. references in Shakespeare's work 18072

modern movement of "med. of the person" viewed as an attempt to recover Hippocratic ideal for practice of med. as humane art 48491

modern analytical chem. in serv. of med., review 41398

mutual problems with pub. health 50317

need for scholarships, financial aid & higher salaries to attract best students into med. careers 30228

1968 Nobel prize 28974

patron saints of medicine 5232

philosophy 29316
44788
50065

philosophy (Ger) 43367

philosophy of med. (Sp) 15516

physician's responsibilities in pub. affairs 7005
21507

progr. (Fr) 10664

progr. (Por) 21070
50077

progr. & future develop. 6158 38081 40940 43732 51807 53148 54288

progr., need for strengthening local & world-wide med. & medicosoc. armentaria 52146

progr., review (Ger) 19411
19425

psyche in modern med. (Ger) 16110

pub. relations 43258

relation of med. practice to charity (Fr) 10663

relation to free enterprise 37797

relation to psychistry 8945

relation to religion, historical & modern concepts 6993

responsibility of med. profession in proper use of radiations (Por) 12914

review 20560

role in Jewish religion 39818

role of embryol. (Rus) 45639

role of paramed. groups 49442

rural, advantages of rural practice, in France (Fr) 48940

soc. & psychol. factors in physician's acceptance of new innovations in med. practice 40861

soc. components of clin. med. 15909

socialization in 8137

superstitions in med. practices among Maori of New Zealand 6551

trends (Sp) 9731

use of radioisotopes (It) 1101

value of panel discussions among GP's & specialists (Ger) 6704

world peace through med. 17664

*education see* EDUCATION, MEDICAL

*history see* HISTORY, MEDICAL

*legislation see* LEGISLATION, MEDICAL

MEDICINE, AVIATION

*see also* AVIATION

*see also* AVIATORS

*see also* HUMAN ENGINEERING

*see also* SPACE FLIGHT

bibliog., Brazilian (Por) 31849

bibliog., internat. (Por) 31848

carbon monoxide determ. in aeronautic surroundings by gas detector, Dräger 19/31, & parallel concentrations in blood of personnel (It) 19197

central repository for conservation data of U.S. Air Force 55884

dent. serv. in Belgian Air Force, organiz. (Fr, Dut) 46563

duties & experiences of flight surgeon 15230

geriatric problems (Sp) 8963

health factors in global aviation 44852

health hazards of propellants for new aircraft & rockets 4702

human isolation studies 40302

in private practice 16593

indoctrination of flight personnel in principles of aviation med. (Fr, Dut) 46556

med. factors in flying safety program 18721

med. selection of non-flying personnel (Fr; Dut) 46561

med. serv. for jet airliner passengers in USSR 28201

newer concepts 28

non-med. correlates of med. complaints of aviation cadets 50323

phys. certification requirements, relevancy to pilots' health & safety, symposium 50325

prev. & ther. of hypoxia in high altitude flight (Por) 31857

psychol. & psychiatric aspects (Ger) 10908

R. A. F. Institute of Aviation Med., activities 53490

oxygen tox., review 4703

role of altitude chamber in diag. & disposition of problem aeromed. cases 55885

role of physiol. technician in fighter-base (Fr, Dut) 46559

tri-serv. Public Health Council of Okinawa 19139

*education*

flight surgeon train., psychol. aspects (Fr) 51485

flight train. & qualification of suspected neurotics (Ger) 45786

preceptor train. for med. serv. technicians in U. S. Air Force hosp. 6522

use of accid. data, instructors comments & students' responses in transition flight training 28204

*history*

in France, origin of military sanitary aviation (Fr) 29233

*MEDICINE, INDUSTRIAL see* INDUSTRIAL HYGIENE

MEDICINE, INTERNAL

concepts & relation to general med. (It) 36963

contribution of Alfred Goldscheider (Ger) 29411

contribution of Ernö Jendrassik (Hun) 53956

contribution of Friedrich von Müller (Ger) 18976

contribution of Carl von Noorden (Ger) 15416
18978
19422

definition & train. of internists 11611

in Czech., internal med. & its specialised branches (Cz) 14889

in Hungary, ambulatory consultation serv., statist. (Hun) 7363

in So. Africa (Dut) 49602

internal dis., constitutional & hered. factors in etiol., review (Ger) 42869

internist, experiences in Newfoundland 2600

internist in diag. & ther. of chronic urinary infect. (Sp) 53914

need for bringing exper. & clin. work in accord (Hun) 53918

nutrition in internal med. 12344

outpatient serv. care of internal dis. (Ger) 49027

prospects for 1970 37907

psychiatrist's experiences in department of internal med. (Nor) 18935

relation of internist in GP 53054

role of Amer. College of Physicians 1137

scope (Ger) 52186

use of hydroxyzine in internal dis. (It) 3723

*education*

23394

contribution of Cyrus Cressey Sturgis 55144

MEDICINE, LEGAL

*see also* AUTOPSY

*see also* CRIME

*see also* IDENTIFICATION, MEDICOLEGAL

*see also* JURISPRUDENCE, MEDICAL

camera as witness 51727

contribution of Fritz Strassmann (Ger) 3264
6705

contribution of psychiatry to criminal law & procedure 8379

cruelty concept as fact-finding criterion (Ger) 49116

demonstrability of poisons in exhumed cadavers (Ger) 37142

eff. of experience of lawyer on issue of case 6632

evaluation of maturity of newborn (Ger) 27122

Finnish forensic med. serv., reorganiz. (Fin) 21980

forensic gyn. in Czech. (Cz) 38261
38262

forensic psychiatry, review 47164

in Illinois, new coroner's law 4147

in U. S., necessity for med.-legal liaison 24589

infrared photography in legal medicine (Fr) 47432

juridical value of the confession & its hist. aspect (Fr) 41440

legal background in medicolegal problems 31800

legal med. aspects of biol. conditioned aberrations of natural drives (Ger) 34200

lie detector tests, technical-psychological & medicolegal factors (It) 245

med. aspects of offenses listed in penal code (Ger) 27131

methods of med. investigation of suicide by firearms, hanging, drowning, chemicals, cutting instruments & fire 54865

parapsychology in, review (Ger) 46188

postmortem changes in phys. properties of blood, relation to cadaver age & cause of death, legal med. aspects (Ger) 33522

responsibility of government for death of intoxicated ment. patient causing fight in VA hosp. 37933

toxicol. problems in forensic med. (Cz) 46585

*education*

Boston University Law-Medicine Research Institute 36997

*history*

in Denmark (Dan) 45495

**MEDICINE, MILITARY AND NAVAL**

*see also* ARMED FORCES PERSONNEL

*see also* DIVING

*see also* HUMAN ENGINEERING

*see also* MEDICINE, AVIATION

*see also* WAR

*see also* WOUNDED AND SICK

Air Force Flight Test Center, Human Factors Branch 16595

availability of physicians & surgeons for military serv. 19146

blood transfusion in first-aid stations in combat zone, methods & preserv. & supply of blood (Sp) 51627

contribution of Petr M. Shuravlev (Rus) 45865

cooperation between civilian & military health & soc. agencies 19147

Czech. aid to Korean Health Serv. (Cz) 26530

Czech. Med. Group in Korea, activities (Cz) 26529

decision-making (Ser) 10909

gyn. & obst. clinic of Army Medico-Social Aid organiz. in Brazil, activities (Por) 36898

health council for program planning in military health nursing 19149

health educ. in military garrisons (Rus) 45895

in China (Rus) 45878

in France, med. serv. aboard ships in Fr. Navy (Fr) 11835

in France, med. serv. in combat team of marines (Fr) 54027

in Germany, med. exam. & expert testimony of otorhinolaryngol. dis. (Ger) 11259

in Russia (Rus) 45891

in Russia, anti-virus epidemic serv. in army (Rus) 45860

in Russia, field surg., past & present (Rus) 45653

in Russia, med. practice in garrison hosp. (Rus) 45896

in Russia, med. serv. in infect. division of hosp. (Rus) 45897

in Russia, organiz. & develop. of surg. serv. in army (Rus) 45655

in Russian army, problems (Rus) 10881

in Sweden (Sw) 32986

32987

32988

in Sweden, artists' & writers' views (Sw) 32990

in Sweden, eff. of military political position (Sw) 32978

in Yugoslav army, standard. & unification of med. supplies (Ser) 45908

in Yugoslavia during World War II (Ser) 45913

internat. med. law in, problems, scope & objectives (Fr) 9057

liability of med. officers for malpractice 6500

limits of participation of military med. in civil defense in Italy (It) 19210

med. aspects of noise in military environment, review (Ser) 10917

med. educ. programs relating to civil defense & military med., panel discussion of federal med. serv. chiefs 51953

med. problems arising at Brit. Naval post on Manus Island 41436

med. property, method of determ. of requirements (Rus) 10880

med. serv. aboard war ships (Dut) 11836

med. serv. problems in motorized artillery units (Ger) 45783

med. serv., similarities & differences in 3 armed forces (Dut) 11834

med. supervision in winter maneuvers of Norwegian army (Nor) 22237

medical care of modern infantry troops (Dut) 7270

medicolegal repercussions of sports in military group (It) 19228

ment. hyg. in armed forces (Fr) 54014

54015

Military Health Serv. (Sp) 29352

military physician's task, moral justification (Dut) 29933

military psychiatry, review 47166

military surg., use of artif. hibernation & ganglion blocking agents (Fr) 12981

military exper. med. laboratory (Rus) 22633

mobile field-hosp. units (Fin) 54491

mobile field med. form. for atomic-biol.-chem. defense, organiz. (It) 19193

night calls in naval GP 18075

9th U. S. Army Hosp. Center in Palatinate (Ger) 19035

nuclear med. reactor installed at National Naval Med. Center, Bethesda, Md. 53723

organiz. of med. serv. (Sp) 29356

organiz. of odonto-stomatol. & maxillo-facial serv. (Fr) 9056

otorhinolaryngol. & other physiol. compl. of submarine activities as compared to amateur & professional diving (Fr) 31925

past & present uniforms of officers of Netherlands Army Medical Corps (Dut) 7271

preinduction exam., standards 45552

prev. med. in military defense (Ser) 27856

prev. med. in World War II, hist. 53678

problem of irradiated personnel in case of mass casualties (Fr) 37902

propaganda leaflets with instructions for stimulation of dis. dropped behind allied lines in 1944 invasion of Italy 53294

psychiatric serv. 51524

psychiatric serv. & ment. hyg. problems in armed forces 54013

revised med. estimate & plan of med. serv. officers 6507

roentgenol. appar. & technics aboard naval vessels (Fr) 54032

Royal Army Med. Corps, anesthesiol. 18042

Royal Army Med. Corps, dentistry 18045

Royal Army Med. Corps, med. practice 18035

Royal Army Med. Corps, med. statist. department 18044

Royal Army Med. Corps, military health 18037

Royal Army Med. Corps, ophth. 18040

Royal Army Med. Corps, otolaryngol. 18041

Royal Army Med. Corps, pathol. 18038

Royal Army Med. Corps, psychiatry 18039

Royal Army Med. Corps, radiol. 18043

Royal Army Med. Corps, rank system 18050

Royal Army Med. Corps. serv. 18033

Royal Army Med. Corps, surg. 18036

Royal Army med. serv. in the Middle & Far Eastern campaigns of World War II 6463

Royal Army Med. Serv., military hosp. planning 18052

St. Luke as military physician of Roman Legion in Syria (It) 39704

sources of ionizing radiation hazards 27

stain. technics in field cond. (Rus) 26635

submarine med. 42052

submarine med. aboard nuclear submarines 30

submarine med., changing patterns 29

surg. under combat cond. (Ger) 45781

45787

survey of physicians separated from active military serv., AMA council report 28135

test marching, physiol. & med. aspects (Fin) 32485

tri-serv. Public Health Council of Okinawa 19139

U. S. Armed Forces, Medicare Program 51954

U.S. Army Command Management System, review & analysis 42064

U. S. Army Europe, teaching of blood bank procedures to enlisted med. personnel 42141

U. S. Army Med. Serv., Army Command Management System, relation to patient care 6436

U. S. Army Vet. Corps, care of Army dogs 6441

U. S. Military hosp. volunteer workers 18720

unfitness of subjects of eye inj. for military serv. (It) 36216

vasc. surg. in U. S. Armed Forces, review 51955

war surg. (Dan) 10616

women-nurses (Ser) 10918

*education*

in Russia (Rus) 45894

in U.S., administrative & command train. for med. officers 42462

in U. S., enlisted nursing personnel in serv. train. program at West Point 6517

in U. S. Navy, instructor train. for hosp. corpsman 42143

prev. med. teaching in Military Med. School, Mexico (Sp) 31865

Royal Army Med. Corps Apprentices School 18049

Royal Army Med. Corps, Field Train. Centre 18046

Royal Army Med. Corps. train. programs 18047

School of Military Med., Mexico (Sp) 8961

U. S. Army Med. Serv. School, gastric intubation training aids & technics for enlisted student 42144

*history*

Bulgarian physicians in Russian-Turkish war (Bul) 45301

hist. develop. of tablets, inject. & dressings in army med. serv. (Ger) 30623

in Bulgaria (Bul) 28758

28782

in France in 1870 (Fr) 9062

in France, origin of military sanitary aviation (Fr) 29233

in Sweden (Sw) 32983

32983

32985

in Sweden, first field doctors in war with Russia (Sw) 32984

in Sweden, uniform types (Sw) 32989

in U. S. Civil War, Confederate field & general hosp. serv. 45551

in U. S. Civil War, serv. of Dr. Mary Edward Walker 7644

in U. S. Civil War, surg. in Confederate States Army 55135

military radiol. 24666

N. N. Burdenko Main Military Hosp. (Rus) 5974

practical value of medicomilitary hist. 42461

Royal Army Med. Corps, hist. note 18034

**MEDICINE, PHYSICAL**

*see also* PHYSICAL THERAPY

dent. care & nutrition in phys. med. & rehabil. programs 1479

major indic. for physiatrics 33421

medicolegal aspects 36702

phys. med. serv. in general hosp. 26413

practice in U. S. 47777

responsibility & contributions of Amer. physiatrists as internat. leaders 36703

ther. contribution of physiatrist to clin. med. 16600

*education*

train. of foreign med. personnel in U. S. 47780

**MEDICINE, PREVENTIVE**

*see also* PUBLIC HEALTH

28170

application of Freud's concepts (Rus) 21927

contribution of M. O. Arstamian (Rus) 9910

contribution of N. A. Semashko (Rus) 3799

exper. in man 5802

governmental funct. in prev. med. serv. 40116

in large indust. (It) 253

in national defense (Ser) 27856

in private practice 16593

in World War II, hist. 53678

need for prev. med. despite modern med. & technol. progr. (Sp) 39111

need for special practice 30926

physiol. bases (Pol) 8069

prev. of soc. & chronic dis. in adolescents in Switz. (Ger) 20616

progr. 21524

relation to domestic animal hyg. 21537

relation to genetics 22572

review 18702

20575

role of GP (Tur) 32994

scope 40931

*education*

at School of Med., University of Valle, Colombia 53611

in Military Med. School, Mexico (Sp) 31865

integration with obst. (Sp) 31874

*MEDICINE, PSYCHOSOMATIC see* PSYCHOSOMATIC DISEASES

**MEDICINE, SOCIAL**

*see also* MEDICINE, PREVENTIVE

background & concepts 14530

concept & hist. note (Sp) 21223

contribution of Fridolin Schuler (Ger) 43843

definition & hist. (Sp) 8919

dis. prod. by civilization & soc. cond., climatic & physical ther., review (Ger) 42916

in Finland, perspectives (Fin) 21995

med. & soc. changes 16179

med. care of indigent, current legislation 28171

myocardial infarct as problem in soc. med. (Ger) 46038

psychiatric problems caused by impact of machine age on man (Ger) 33837

relation of GP (Fr) 43804

role in ther. of behavior disord. in adolescents (Fr) 30977

soc. cond. inducing dis. (Sw) 32479

*education*

in med. curriculum 5367

teaching of soc. med. in Gt. Brit. 20879

train. of physicians of tomorrow (Fr) 31050

*history*

in 19th century (Fr) 15229

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

*legislation*
- in Norway (Nor) 54977

***MEDICINE, SOCIALIZED** see* HEALTH INSURANCE

***MEDICINE, SOCIALIZED** see* NATIONAL HEALTH PROGRAMS

***MEDICINE, STATE** see* NATIONAL HEALTH PROGRAMS

**MEDICINE, TROPICAL**
- consultation in tropical med. 14783
- current course of tropical endemias (Sp) 42339
- endemic dis., prev. & ther. progr. (Sp) 35973
- Institut Pasteur de la Martinique, report (Fr) 25502
- otitis externa as tropical dis. 20589
- progr. 55057
- relation of malnutrition to pathogen. of dis. in tropical countries 36187
- screening of candidates for emigration to tropical countries (Pol) 53172
- tropical dis. in Gt. Brit. 32287
- tropical dis., review 18710
- tropical hyg. 21541

*education*
- problems & challenges 6169, 6172

**MEDICINE, VETERINARY**
- canine dermatol., comparison with human dermatol. 11581
- contribution of William Gibson 6447
- dent. film packs for x-ray of small areas 4610
- educ. qualifications of pub. health veterinarians 47212
- in U. S., educ. & professional & pub. relations of veterinarians 4631
- in U. S., objectives, progr. & eff. of socioecon. cond. on vet. practice 4632
- patulin ther. of veterinary dis. (Fr) 9170
- prep. & use of aluminum hydroxide in vaccines for veterinary med. in Rumania, review (Fr) 9174
- progr. 40399
- relation of domestic animal & human hyg. 21537
- report on 1st Institute on Vet. Pub. Health Practice 50286
- U. S. Army Vet. Corps, care of Army dogs 6441
- use of ion exchange resins in clin. practice (Fr) 44761
- use of tranquilizing agents 4635
- vet. pub. health in Virginia 22587

*apparatus and instruments*
- new & versatile operating table 16764
- new 2-compartment disposable plastic syringe 38190

*history*
- develop. of embryotomy in vet. med. (Ger) 37576

**MEDULLA OBLONGATA**

*anatomy and histology*
- morphol. of synapses in rat, electron microscopy 15695

*diseases*
- retro-olivary vasc. synd. & syringobulbia, rotatory nystagmus in (Fr) 54110
- Wallenberg's synd. caused by carbon monoxide pois., case report (Sp) 31833
- Wallenberg's synd. caused by massive medullary hemorrh., case report 10695

*neoplasms*
- racemose angioma of medulla with choroid angioma, case reports (Fr) 9135
- ependymoma of central canal (Rus) 22671

*pathology*
- vacuolated neurons in medulla from apparently healthy sheep of various breeds 17107

*physiology*
- continuous stimulation of bulbar vagus center inducing periodic activity in frog heart prep. (Ger) 24031
- eff. of section of restiform body in monkeys 28304
- eff. of strychnine inject. into bulbar ventromedial reticular form. on galvanic skin reflex in thalamic cats 5507
- eosinophil hemopoiesis by area postrema in chick embryo (Fr) 36734
- induction of exper. orthostatic hypotension by electrocoagulation of medulla in dogs (It) 48989
- reticular form., physiol. & morphol. studies (Ger) 9248
- reticular form., relationship between ascending & descending eff. (Rus) 49523
- reticular inhib. of postsynaptic potential in nucleus gracilis of cats (Ger) 30558
- unit activity & reactional cond. of reticular form. & various bulbar nuclei secondary to sensory stimulation (Fr) 41919

**MEDULLOBLASTOMA**

*case reports*
- brain stem, causing horizontal conjugate gaze defect & facial paralysis 43128
- cerebellum, in adults (Cz) 38294

*complications*
- obstruct. hydrocephalus, surg. (Por) 21060

*diagnosis*
- brain, x-ray diag. & differentiation from astrocytoma 35412

**MEGACOLON**
- congen., aganglionic (Sp) 18837
- congen. in newborn, diag. & ther. (Sp) 347
- diag. & ther. problems 935
- funct., in young inf., pathogen. & case reports (It) 43471
- megasigmoid (Sp) 3307

*case reports*
- 4960
- congen. (Sp) 44483
- 46871
- in newborn (Cz) 38328
- megasigmoid with acute intestinal obstruct., surg. (Ger) 45096
- with retention & incontinence, after anal imperf., in 10-year-old girl, surg., colectomy with transanal lowering of colon & cure of incontinence (Fr) 51455
- x-ray manifest. & histopathol. (Pol) 30715

*diagnosis*
- x-ray in child. (Rus) 55243

*etiology and pathogenesis*
- acquired & congen. (Por) 42187

*psychology*
- bowel negativism in psychogenic megacolon 1418

*statistics*
- congen., hosp. statist. 37991

*surgery*
- abdomino-anal sigmoidorectal resection by invagination method in congen. megacolon, case report (Hun) 6344
- atypical congen. megacolon with normal ganglions of myenteric plexus, case report 17510
- indic. in congen. & acquired cases (It) 44818
- intraabdom. resection or rectosigmoidectomy, Swenson's technic, comparison (Ger) 2875
- rectosigmoisectomy, technic (Sp) 8207
- Swenson technic in congen. aganglionic megacolon in 33-year old woman 38823
- Swenson's technic in congen. dilat. at sigmoid-colon junction, case report (Fr) 36633

***MEGAKARYOCYTES** see* BLOOD PLATELETS

***MEIBOMIAN GLANDS** see* EYELIDS

***MEIGS' SYNDROME** see* OVARIES, *neoplasms*

***MEISSNER'S PLEXUS** see* GASTROINTESTINAL SYSTEM, *innervation*

***MELANCHOLIA** see* PSYCHOSES, MANIC-DEPRESSIVE

***MELANCHOLIA, INVOLUTIONAL** see* PSYCHOSES, INVOLUTIONAL

**MELANIN**
- biosynthesis in animals & vegetables & chem. properties (Tur) 33006
- cation exchange activity 29860
- dopa-oxidase in melanocytes of x-irradiated quiescent hair follicles 44141
- in cells of locus caeruleus & substantia nigra 17796
- in feather of normal & albino zebra-parrapeet, electron microscopy (Ger) 6760
- melanoblast reservoir available to feather papilla 40782
- melanocyte of human epidermis, electron microscopy after osmium tetroxide & potassium permanganate fixation 40578

*antagonists*
- monobenzone causing vitiligo (Ger) 49838

*metabolism*
- absorbability of vitamin A to melanin in black liver of dogfish, chem. verification 18167

**MELANOMA**
- (Sp) 51670
- esophageal, primary (Fr) 4821
- intraocular, diag. & ther., symposium 10409
- juvenile, histol., pathogen. & surg. (Pol) 44186
- malignant 26285
- malignant of eye, latent 98
- malignant, of head & neck 6242
- 36261
- malignant of iris, clin. manifest. & histol. 87
- malignant, of palate 20689
- 20690
- melanoblastoma (It) 23676
- uvea, culture 24557

*case reports*
- auditory canal in 86 year old woman (Ger) 22784
- brain (Rus) 34748
- choroid, malignant melanoma 41448
- face, caused by razor-blade irritation of pigmented nevus (Bul) 32752
- lungs, metastatic, of 15 months' duration 3375
- malignant melanoma of iris without pigment (Pol) 28844
- malignant of breast 47253
- malignant, of iris (Fr) 11949
- malignant, of vestibule & external urethral meatus in pregn. 10460
- 10990
- metastatic, in bone 48779
- metastatic malignant melanoma of kidney pelvis simulating primary cancer, x-ray diag. 12686
- mouth 20134
- mouth, review of malignant cases 14741
- primary melanoblastomas of nasal cavity & esophagus & metastatic tumor of parotid gland (Ger) 23040
- primary of esophagus 37644
- tonsils, bilateral malignant melanomata 50751
- vulva 20084

*diagnosis*
- electrometric method for early diag. of melanoblastomas (Ger) 38857
- melanoblastoma, cytol. diag. (It) 19169
- melanoblastoma, early detection (Hun) 29172
- of malignant melanoma (Ger) 32857
- sternal bone marrow studies (Ger) 4002

*differential diagnosis*
- benign black lesions of skin 9269

*experimental*
- eff. of sodium salicylate on growth of human melanoma transplanted into hamsters 22317

*heredity*
- genetic concept for origin in platyfish 13268

*in infant and child*
- primary of leptomeninx, carcinogenesis (Ger) 23115
- surg. problems (Ger) 34533

*pathology*
- clin. & pathol. correlation in malignant melanomas of skin in adults 14758
- junctional activity in nevus-cell nevus & melanoma, histopathol. & incidence (Ger) 23633

*surgery*
- radical, with dissection of regional nodes 2514

*therapy*
- legs, metastatic, isolation & perfusion of tumor-bearing area with p-bis-(β-chloroethyl)amino-phenylalanine 40318
- radiother. & electrocoagulation in malignant melanoma (Cz) 21549
- skin, remote results (Rus) 55331
- x-rays, distal hyperergic reactions (Bul) 32786

***MELANOSARCOMA** see* MELANOMA

**MELANOSIS**
- Riehl's melanosis, caused by emotion 44790

*case reports*
- endocervical (Sp) 9743
- incontinentia pigmenti (Ger) 41596
- melanoderma with epileptogenic encephalopathy in keratosis palmaris et plantaris & congen. aortic stenosis (Fr) 9132

**MELENA**

*case reports*
- review 48283

*differential diagnosis*
- clin. diag. including arteriography of stomach 49699

*etiology and pathogenesis*
- leukemic infiltration of colon causing massive melena 34960
- prednisone ther. of rheum. heart dis. with Luciani-Wenckebach periods (It) 20401

*statistics*
- hosp. statist. 46847

*surgery*
- hosp. statist. 46848
- massive melena 863

**MELIOIDOSIS**

*case reports*
- follow-up study 516

*experimental*
- eff. of antibiotics & sulfonamides in mice 13343
- pathogen. & immun. of mice & hamsters after infect. with aviruient strains of Malleomyces pseudomallei 12469

*microbiology*
- bacteriol. analysis of cases in So. Vietnam (Fr) 6424

***MELORHEOSTOSIS** see* OSTEOPETROSIS

**MEMORY**

*see also* AMNESIA
- clustering of free recall based on synonyms 40856
- concentrative attention span, eff. of chlorpromazine & promazine in chronic schizophrenia, comparison 40738
- decay of immediate memory with age 19868
- disord. caused by closed cranial inj. (It) 42757
- disord., caused by temporal lobe & partial hippocampal resection in psychomotor epilepsy (Ger) 33849

eff. of contextual restraint on recall of verbal passages 784

eff. of electroshock ther., status 1 week after ther. 46707

eff. of stimulation of caudate nucleus & tegmentum of reticular form. on memory in cat 4929

eff. of stimulus-heterogeneity on free recall 786

eff. of time for reading on memory of facts 2135

free recall of redundant strings of letters 40822

funct. of memory cortex studied by electric cortical stimulations in temporal epilepsy (Hun) 4131

mnemonic carry-over between hemispheres through corpus callosum 68

personality differences on capacity for verbal recall 4386

qualitative changes of reproduction contents, exper. findings (Ger) 31563

recall, recognition & relearning (Fr) 35099

restricted to seconds, caused by brain damage due to carbon monoxide pois. (Ger) 32274

retention, hist. of theory 17342

serial position eff. & Marbe eff. in free recall of meaningful words 17345

*MENADIONE see* VITAMIN K

MÉNIÈRE'S DISEASE

(sus) 55221

as separate nosol. entity (Rus) 55220

clin. classif. as vestibular disord. (Rus) 10764

definition of Ménière's synd. & Ménière's dis. 15743

etiol. & physiol. mechanisms 23278

etiol., diag. & ther. 49217

nosol. 39302

physiopathol. & case report 36267

possible identification with falling sickness of Julius Caesar 6230

*case reports*

clin & histopathol. aspects 274

*complications*

gastro-duodenal lesions 37731

*differential diagnosis*

labyrinthitis, cerebellopontine tumor & insuff. of basilar artery 43703

review 13292

*etiology and pathogenesis*

cerebromeningeal hemorrh., ther., heparin (Fr) 31930

vestibular appar. disord., etiol. objections (Sp) 19785

*manifestations*

hearing loss in early cases, mechanism 33282

*metabolism*

body fluid balance 8294

*physiology*

electronystagmographic study by differential rotatory stimulation (It) 9389

*surgery*

destructive labyrinthotomy, postop. disability 13286

technic (Sp) 21114

ultrasonic destruction of labyrinth, indic. & results 54423

*therapy*

acetazolamide (Fr) 1019

acetazolamide, mechanism of action 41060

acetyl-DL-leucine in labyrinthine vertigo, exper. & clin. results 32942

drug ther. 8295

meclizine-nicotinic acid prep., eff. on neurolabyrinthine mechanisms 21510

papaverine with quinine (Ger) 18956

49053

ultrasonics, technic & biol. & clin. eff. 8293

34928

vitamin C-vitamin P prep. with low salt diet 3530

MENINGES

*see also* ARACHNOID

*see also* DURA MATER

*see also* PIA MATER

*anatomy and histology*

electron microscopy of cranial meninges of rat 482

*diseases*

meningocele, clin. picture & course (Ger) 38990

meningocele, exper. induction by hypervitaminosis A (Fr) 9130

25468

meningocele with spina bifida, x-ray 51551

reaction in diphenylhydantoin ther of epilepsy with CSF changes, case report 50846

subdural effusions, hist. & modern references 49632

*effect of drugs on*

ethyl iodophenylundecylate-induced inflamm., inhib. by cortisone & methylprednisolone in rabbits 52579

*fistula*

causing purulent meningitis (Pol) 30084

*hemorrhage*

ocular manifest. (Fr) 24880

*innervation*

nerve patterns 23555

*neoplasms*

angiosarcoma, case reports 16307

gliomatosis with colloid carcinoma of cecum, clin. pathol. conf. 19836

sarcoma of spinal cord meninges, postmortem histopathol. of olfactory bulb 46474

*surgery*

plastic reconstruction of naso-orbital cranio-meningocele with naso-orbital deform., case report 20391

MENINGIOMA

clin. manifest. & surg. (Fr) 44690

histochem. & histomechanical findings (It) 47801

psammomatous form, in choroid plexuses & pituitary gland, in patients of various dis. (It) 36715

*case reports*

basilar dura mater (Ger) 52563

brain, in 2 members of same family, without evidence of neurofibromatosis 50954

frontal lobe (Rus) 34747

of right anterior cranial fossa, metastatic from lacrimal gland (It) 36221

optic foramen (It) 1106

optic nerve meningioma of one month's clin. duration 24551

with extracranial metastasis 27031

*complications*

chiasmatic synd., diag. value of pupil exam. (Fr) 31993

epilepsy (It) 42724

*diagnosis*

carotid angiography in intracranial meningiomas (Fr) 53399

diag. of advanced meningioma by x-ray of excrescence on old incan skull 51550

olfactory nerve, x-ray (Ger) 55755

x-ray of cranium (Fr) 18014

*differential diagnosis*

brain & cranium, x-ray diag. & differentiation 35425

subcranial, from Villaret's synd. (Pol) 30081

*manifestations*

cranial vault, micro x-ray (Fr) 35428

*pathology*

morphol. of meningiomas grown in tissue culture 17803

parasagittal brain meningioma with metastasis to lung, necropsy 5695

*surgery*

base of brain meningiomas 38643

craniofacial case, excis. in cranial, orbital & zygomatic stages (Fr) 53373

MENINGITIS

*see also* MENINGOENCEPHALITIS

acute serous & lymphocytic choriomeningitis (Rus) 34771

serous epidemic, epidemiol. & clin. manifest. (Rus) 28826

serous, etiol. & differ. diag. (Ger) 9516

*case reports*

acute benign lymphocytic (Fr) 37899

aseptic meningitis outbreak with isolation of ECHO viruses 11981

bact. & viral 16510

cerebrospinal meningitis with six relapses (Rus) 38829

circumscribed fibrous pachymeningitis of posterior cranial fossa (Rus) 55315

cryptococcal 38035

cryptococcal meningitis & uveitis, postmortem pathol. 57

lymphocytic meningitis (Rus) 28824

otogenic, with unusual intracranial compl. & psychol. manifest. (Ger) 23033

serous, etiol. & clin. manifest. (Fin) 21991

serous meningitis in acute infect. lymphocytosis (Rus) 16067

with CSF rhinorrhea, hydrocephalus & hypertelorism (Fr) 44752

*cerebrospinal fluid in*

acid phosphatase (Rus) 10765

34712

oxidation, differ. diag. value in serous & tuberc. meningitis (Rus) 31209

*complications*

combined cryptococcal & tuberc. meningitis with reticulum cell sarcoma 12810

exanthem with aseptic meningitis, epidemic in England 8487

nephrolithiasis & paraarticular ossification of hip complicating basilar meningitis after tuberc. epididymitis (Cs) 38113

*diagnosis*

bromide partition test in non-purulent meningitis 13422

*differential diagnosis*

carcinomatosis, metastatic, of brain 21847

*epidemiology*

aseptic, caused by Coxsackie virus B5, in Iowa, distribution & incidence according to age 808

benign lymphocytic meningitis in Italy (It) 54246

in France, department of Seine, since 1938 (Fr) 3147

viral lymphocytic meningitis of unknown etiol. in Czech. (Cs) 38116

*etiology and pathogenesis*

brucellosis (Rus) 46346

brucellosis of pure meningeal type, cure after 16-month-course (Fr) 37933

caused by meningeal & paranasal sinus fistula (Pol) 30084

chronic, caused by brain cysticercosis (Ger) 55642

ECHO virus type 9 causing aseptic meningitis 7418

gonococcal infect., review & case report 10973

Listeria monocytogenes infect. (Den) 55107

Listeria monocytogenes infect. (Sw) 52745

listeriosis 33533

pneumococcal, recur., after frontobasal cranial inj. causing posterior frontal sinus fract. (Ger) 3945

Salmonella paratyphi B3 infect. in Tahitian (Fr) 51519

sinusitis caused by influenza (Ger) 23029

suppurative sinusitis, pathol. (Ser) 45902

*experimental*

ethyl iodophenylundecylate-induced, inhib. by cortisone & methylprednisolone 52579

*in infant and child*

acute bact., clin. aspects 24886

acute bact., etiol. & ther. 24896

acute bact., in University of Helsinki Child. Hosp., statist. (Sw) 52743

acute suppurative, pathol. anat., clin. aspects & ther. (Sp) 9702

blood corticosteroids (Fr) 40997

caused by flavobacterium infect. in newborn, case reports (Fr) 38139

caused by intestinal bact. in newborn, ther., hydrocortisone (Fr) 26248

complicating typhoid fever, with myocarditis 48593

hosp. statist. 32907

in newborn caused by E. coli O111 B4, case report (Fr) 18503

leptomeningitis caused by Gaffkya tetragena, chloramphenicol ther. 5733

Listeria, case reports 13483

Listeria monocytogenes meningitis in newborn 5612

in newborn, small outbreak in maternity unit 1414

non-bact., epidemic (Ger) 25202

Pseudomonas aeruginosa infect., ther., polymyxin B, cured case (Hun) 7702

purulent, statist. (Fr) 31973

purulent, statist. (It) 20209

Salmonella dublin as possible pathogen (Pol) 31530

Salmonella heidelberg (Ger) 18280

subdural (Fr) 41136

suppurative, caused by Proteus (Pol) 7831

*microbiology*

acute aseptic, viral studies 54544

aseptic meningitis, in central & north Italy, isolation of Coxsackie virus type A in two epidemics (It) 31704

Coxsackie & ECHO viruses in aseptic meningitis, serol. & clin. manifest. of epidemic outbreak 25166

ECHO virus type 4 in aseptic meningitis with rubella-like rash, epidemic outbreak 25168

ECHO virus type 9 in aseptic meningitis with rubella-like rash, epidemic outbreak 25167

Listeria monocytogenes, case report 24413

meningopneumonitis virus exposed to penicillin, electron microscopy 50329

*pathology*

leukocytosis, extramedullary origin (Sp) 21166

lymphocytic meningitis, clin. aspects in acute cases (Rus) 46343

ocular fundus in uveo-meningitis 37607

*therapy*

amphotericin B in cryptococcal meningitis 1139

11637

17589

antibiotics in acute purulent cases (Fr) 54884

erythromycin in leptomeningitis (Ger) 11053

otogenous, antibiotic ther. (Sw) 22117

penicillin, blood-CSF titer (Ger) 52180

pneumococcal, oleandomycin ther. (Ger) 35587

prednisolone, indic., admin. & results (Fr) 37765

MENINGITIS, MENINGOCOCCIC

*case reports*

recur., after old temporal bone fract. (Ger) 22775

*epidemiology*

in Iran, epidemic cerebrospinal meningitis in Teheran (Fr) 11945

*in infant and child*

morbid. & mortal. statist. during past 15 years in Trieste (It) 29724

*therapy*

cortisone, intraspinal admin. (It) 35162

oleandomycin (Ger) 35587

*MENINGITIS, TUBERCULOUS see* TUBERCULOSIS, MENINGEAL



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

**MENINGOCOCCAL INFECTIONS**

*see also* MENINGITIS, MENINGOCOCCIC

*see also* WATERHOUSE-FRIDERICHSEN SYNDROME

*complications*

gangrenous purpura caused by meningococcal septicemia, case report 15043

*immunology*

Shwartzman phenomenon in fulminant meningococcemia 35713

***MENINGOCOCCUS** see* NEISSERIA MENINGITIDIS

**MENINGOENCEPHALITIS**

*case reports*

cryptococcal (Ger) 35577

fatal Listeria monocytogenes infect. (Ger) 33159

*complications*

primary aseptic, review 24091

*epidemiology*

in Russia, rhythms of viral intensity in natural foci (Rus) 34629

viral diphasic meningoencephalitis in Russia (Rus) 34767

34768

viral seasonal meningoencephalitis in Russia (Rus) 34769

*etiology and pathogenesis*

Asian influenza, case reports (Fr) 44740

Behçet synd. causing meningomyeloencephalitis, case report (Fr) 18563

brucellosis (Rus) 46346

Cryptococcus neoformans, ther., amphotericin B 5532

dent. abscess causing meningoencephalitis & cavernous thrombophlebitis (Fr) 54130

ECHO virus type 9, isolation during outbreak of lymphocytic meningoencephalitis 37682

infect. mononucleosis, incidence, diag. & ther. (Sp) 6605

listeriosis (Ger) 38944

mumps, fatal case (Rus) 45237

*in infant and child*

caused by Coxsackie virus, case reports & clin. statist. 159

caused by Listeria monocytogenes infect. (Nor) 52746

viral, in Roman child., diag. & serol. aspects & case reports (It) 31707

*microbiology*

Coxsackie A-like ECHO 9 virus 32505

Listeria infect. in adults & inf. morphol. (Ger) 25381

*therapy*

viral, ther., antibiotics with antiphlogistics (It) 44331

***MENINGOMYELOCELE** see* SPINA BIFIDA

***MENOPAUSE** see* CLIMACTERIC, FEMALE

**MENORRHAGIA AND METRORRHAGIA**

abnorm. uterine bleeding, diag. & ther. 52760

classif., diag. & ther. (Sp) 31027

clinicopathol. correlation of dysfunctional uterine bleeding 20513

etiol. & diag. (Por) 8830

funct. hemorrh., diag. & ther. (Fr) 8239

funct. hemorrh., hormonal causes & ther. 38586

funct. metrorrhagia, etiol. classif. & ther. (Fr) 22386

in young girls, etiol. & ther. (Fr) 26229

post-climacteric & menopausal (Ger) 33947

*blood in*

thrombopenia & anti-platelet immunol. factors, case reports (It) 42569

*case reports*

postmenopausal metrorrhagia (Sp) 15517

postmenopausal metrorrhagia of nonuterine origin, role of vasc. factor (Fr) 51142

prolonged metrorrhagia with galactorrhea & hyperthyroidism in hyperhormonal synd. of anterior pituitary (Pol) 39642

with mitral insuff. in adolescent (Fr) 15180

with thrombopenia (Fr) 15182

with uterus unicornis (Fr) 15181

*etiology and pathogenesis*

bisexuality of women in etiol. of funct. uterine hemorrh. & ther. eff. of testosterone (Ger) 23224

blood coagulation disord. (Ger) 22882

blood coagulation disord. & hormonal imbalance (Cz) 38270

endocrine aspects of dysfunct. uterine bleeding 2994

estrogen-secreting ovarian granulosa cell & theca cell tumors causing postmenopausal menorrhagia, relation to benign endometrial mitosis 12399

pelvic thrombosis & endocrine factors (Fr) 25092

postmenopausal endometrial hypertrophy with metrorrhagia, pathol. & surg. (Fr) 27722

stress caused by separation from love object 50869

systemic lupus erythematosus, causing menorrhagia, case report (It) 3885

talc granuloma of endometrium causing metrorrhagia, case report (Fr) 3132

*therapy*

(Ger) 22817

androgens, eff. on urinary estrogens (Rus) 12123

blood transfusion, eff. of hemoglobin content on circ. & resp. (Ger) 18940

blood transfusion with vitamin K supplement (Rus) 12129

chorionic gonadotropin in menorrhagia in adolescents (Ger) 23233

dicyclomine in funct. uterine bleeding (It) 21498

estradiol-17β n-valerate & hydroxyprogesterone caproate 3980

31870

estradiol valerate - norethisterone-norethisterone enanthate prep. (Ger) 23228

estrogen & progesterone, depot prep. (Ger) 18993

insulin in menometrorrhagias of puberty (Fr) 15167

norethisterone (Ger) 39067

percutaneous irradiation castration (Ger) 45260

protamine sulfate (Ger) 18994

**MENSTRUATION**

*see also* ESTRUS CYCLE

*see also* OVULATION

*see also* PREMENSTRUAL TENSION

premenstrual acne, prev. with 6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide 11566

quantitative Trichomonas vaginalis changes during various stages (Pol) 33745

relation of menstruation & premenstruum to etiol. of ment. disord. 46263

*blood in*

exam. of menstrual blood in diag. of genital tuberc. by hematophore, value & technic (Ger) 34334

M. tuberc. in menstrual blood in diag. of genital tuberc. (Ger) 22340

phenolic steroids in menstrual cycle, column chromatography (It) 44279

phosphatases, cyclic changes (Ger) 25210

phosphates, cyclic changes (Ger) 25211

proteins in menstrual & venous blood, electrophoresis, diag. value (Ger) 46077

*effect of drugs on*

hetrazan, emmenagogic eff. (Fr) 6420

*physiology*

alkaline phosphatase in exfoliated endometrium during menstrual cycle (Fr) 3130

ancient & modern concepts on physiol. mechanism & regulation (Ger) 38963

changing pattern of uterine motility during menstrual cycle 35274

cornification of vaginal epithelium during menstrual cycle, relation to urinary excretion of ovarian hormone metabolites 50520

cyclic changes in lymphatic vessels of mucous membranes of uterus (Rus) 12164

cyclic changes of fibrous network of uterine mucosa, electron microscopy (Ger) 47635

cyclic changes of vaginal mucosa, luminescent microscopy (Rus) 46820

cyclic variations of basal body temperature (Ger) 15971

cyclic variations of blood coagulation (Ger) 47639

eff. of menarchal age & duration of menstruation of size of offspring (Ger) 36043

eff. of unilateral ovariotomy (Rus) 46825

estrin withdrawal hemorrh. induced by estrogen & progesterone in crystal form, eff. of crystal size (Ger) 27699

fibrinolytic activity of peripheral blood during menstrual cycle (Fr) 3129

influence of bioclimatic factors in adolescent girls (Cz) 21559

lipid extracts of menstrual fluid containing plain-musc. stimulants 28617

mechanisms (Sp) 31027

menstrual cycle phase, relation to site of endometrial lipids (Sp) 30243

physiol. changes during menstrual cycle, review (Fr) 25090

relation to mouth dis. (Pol) 39628

relation to systemic dis., review 19832

19855

*psychology*

cyclic psychic changes (Ger) 25212

*urine in*

Δ5-androsterone-3α-ol-17-one-cyclic changes (Ger) 25213

estrogens, pregnandiol & pituitary gonadotrophins during menstrual cycle 40802

follicle-stimulating & interstitial cell-stimulating hormones, excretion during normal menstrual cycle 17037

gonadotropin excretion on different days during menstrual cycle 50518

**MENSTRUATION DISORDERS**

*see also* AMENORRHEA

*see also* DYSMENORRHEA

*see also* MENORRHAGIA AND METRORRHAGIA

dysfunct. puberal bleeding 41047

in adolescence 8130

menstrual cycle disord., diag. & classif. (Sp) 20047

relation to systemic dis., review 19843

*case reports*

delayed onset of menstruation until age 33 with pregn. occurrence 2 years later 45066

*diagnosis*

comparative evaluation of various diag. methods (Ger) 33955

induced hyperglycemic test, technic & value (Fr) 27720

Rivoire's test of allergic reaction to estrogens (It) 44836

*etiology and pathogenesis*

adnexal endometriosis causing retrograde menstruation 50976

catatonia (Ger) 26998

endometriosis, statist. (Sp) 43875

retained endometrial mucosal fragments (Ger) 3747

Salk vaccine 18742

*physiology*

androgen-estrogen balance (Fr) 36062

ovarian funct. studies in various premenstrual synd. (It) 36754

*psychology*

emotional factors (Pol) 27605

psychosomatic aspects of abnorm. bleeding 38585

*therapy*

hydroxyprogesterone caproate (Ger) 3735

17α-methyl-19-nortestosterone 36026

norethisterone-ethinyl estradiol prep. (Ger) 54342

phenetrazine in obese subjects (Ger) 6726

prednisone 35143

35750

prednisone (Dut) 30008

progesterone, 17α-hydroxyprogesterone caproate, norethisterone & 17α-ethinyl-5(10)-estren-17β-ol-3-one, comparison 13206

x-ray ther., indic. (Ger) 39752

**MENTAL DEFICIENCY**

*see also* MONGOLISM

*see also* PHENYLPYRUVIC OLIGOPHRENIA

automobile driving train. for ment. defectives 46975

bibliog. 24478

Canadian Assoc. for Retarded Child. 14690

care & educ. in Belgium (Fr) 986

changing concepts 51096

contributions of soc. workers to ment. retarded & their families 24477

counseling parents of ment. deficient child. 7858

defective delinquents, arraignment, exam. & confinement 46965

definition 46961

eff. of birth of ment. defective child on preferred size of family 5382

etiol. & prev., pediatric aspects (Sp) 13868

family care boarding homes 46962

group counseling ther. of child & his parents 46983

46984

home care of severely retarded child. 20262

importance of community soc. work to ment. retarded & their families 24476

importance of institutional soc. work to ment. retarded child. & their families 24475

improved pub. relations for better acceptance & understanding of ment. retardation 24470

in Gt. Brit., hosp. statist. 19339

in maple sugar urine dis. in inf. & child. 37734

37735

in Poland & U.S.S.R. 589

in retrolental fibroplasia 2101

5627

in U. S., legislative progr. 14694

in U. S., soc. problems 611

legal rights, problems & injustices in criminal cases 24471

Marinesco-Garland-Sjögren synd. (Fr) 44749

ment. subnormality, review 50047

parental estimate of intelligence of retarded child. 46980

parents' provisions for future of ment. retarded child. 24473

problems 24450

problems in research (Ger) 3290

psychol. & biol. study of ordinary ment. defective, comparison with Mongoloid idiots (Fr) 47430

relation of bone age to chronol. & ment. age in retarded child., x-ray determ. 27090

research & ther. programs in Russia 41865

retarded child. as a soc. problem, community responsibility 24451

review 47154

seasonal variations in births of ment. deficients 809

terminol. & classif. 590

trends in admissions in U. S. pub. institutions 46984

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

***blood in***

calcium, phosphate & phosphatase levels, comparison with mongolism 17759

eff. of blood of ment. defectives on serotonin (It) 32113

***case reports***

athetosis & vasomotor disord. in an imbecile (Fr) 27340

caused by smallpox vacc., with encephalitis & behavior disord. in child, aggravation after lobotomy (Sp) 8882

in inf. with bilateral porencephalic cysts, cerebral palsy & epilepsy 35513

in siblings with cystinuria & atypical osteogenesis imperfecta 46539

low-grade ment. defectives with cutis verticis gyrata 17753

Sjögren-Larsson synd. 23517

typus degenerativus amstelodamensis (Fr) 30482

with congen. hearing disord. & retinitis pigmentosa, hered. aspects (Pol) 30329

with sebaceous adenoma, epilepsy & neurofibromatosis (Fr) 2423

***complications***

amebiasis in institutionalized ment. defectives 46967

behavior disord., ther., 2-trifluoromethyl-10-[3-(1-methyl-4-piperazinyl)propyl] phenothiazine 48492

chorseo-athetoid movements, procaine amide ther. 24461

congen. dent. & cranial anomalies in mongolian, microcephalic & acrocephalic ment. defectives, comparison 26089

convulsions, relation to metab. disord. 43499

convulsions, ther., cortisone & ACTH 43500

hearing loss in child. & adults, statist. 24464

ment. disord., chlorpromazine & reserpine ther. 609

nutritional defic. in patients admitted to ment. hosp., statist. 46502

radiocubital synostosis & ocular abnorm. (Fr) 5318

schizophrenia, clin. manifest. (Fr) 34140

schizophrenic sympt. in child. 12614

self-biting 53063

soc. maladjustment & behavior disord., in retarded child., ther., reserpine, evaluation 23511

spasticity & convulsions, ther., octylurea 50862

true chromatin-positive Klinefelter synd. (Ger) 21609

***diagnosis***

in inf., review 50046

problems of diagnosing ment. defic. created by trend toward early placements of inf. for adoption 24466

value of projective technics 601

***differential diagnosis***

from hearing disord. in preschool child. (Cz) 14868

hearing disord., simple hearing tests for retarded child. 14233

***education***

at Southern Wisconsin Colony & Train. School, staff train. program 24456

attitudes of teachers toward ment. defic. 46962

community educ. program in operation of out-patient clin. for retarded 46966

exper. day care class for severely retarded child. 24455

importance & reasons for character educ. of retarded child. 24469

need for co-ordinated state program 5313

objectives 592

occup. train. for ment. retarded youth at Edward R. Johnstone Train. & Research Center, Bordentown, New Jersey 24453

occup. train. of low-grade ment. deficients 42178

oral language program for institutionalized educable retarded child. 24452

programs for severely retarded pupils 600

rehabil. at institution academic schools 24472

relation of academic achievement to conceptual ability in educable defectives 606

relation of teacher's attitude to overt behavior of pupil 598

role of teacher in special classes 24454

teaching sequence for train. of visual & motor perception 596

train. & research opportunities through cooperation of universities & residential facilities 591

work procurement & job production 612

***etiology and pathogenesis***

acrocephalosyndactyly, case reports 24460

arhinencephaly with agenesis of septum pellucidum, diag. by ventriculography & case reports 24457

cerebral palsy with convulsions (Dan) 45490

correlation of goiter, deafmutism & ment. retardation with blood thyroid hormone levels in noncretinous inhabitants of severe endemic goiter area in India 50433

idiopathic infantile hypercalcemia, case reports 24458

intrauterine cerebral inj. (Ger) 45936

maternal toxoplasmosis causing retardation, case report (Pol) 39636

metab. disord., review (Ger) 39463

organic determinants in retardation (Ger) 52171

relation to small vasc. abnorm. of brain 50930

role of early brain lesions in inf. in etiol. of retardation (Ger) 34218

schizophrenia in child., relation to brain lesions 12613

theories 43256

tuberc. meningitis 37684

***heredity***

follow-up on 1918 Vale of Siddem family of defectives 46981

genetic factors, review 50045

heterozygosity, significance for hered. metab. errors 607

***manifestations***

early behavior disord. in child. 14305

hyperactive aggressive & destructive behavior, eff. of meprobamate 5380

***metabolism***

cholesterol & vitamin C in women 608

***physiology***

galvanic skin response, comparison with normal & bright child. 46970

relation of IQ to skin conductance 603

renal tubular funct. in Lowe synd. (Sp) 3045*

***psychology***

abstraction levels in vocabulary definitions of retarded school child. 594

adaptive significance of commonly described behavior of defectives 46972

auditory word discrimination test, results of varying presentations to ment. retarded child. 24465

changes of Terman-Merrill IQ's in retarded child. 604

cortical satiation in perception & abstraction 46971

differentiating capacity of SRB-test between brain-injured & idiopathic ment. defectives 35480

discrimination learning by imbeciles, eff. of reward & nonreward 17095

discrimination learning in defective child 2839

eff. of reward value on expectancies of ment. defectives 46974

intellectual ability, correlation of results of psychol. tests 37578

intelligence testing of educable child. with abbreviated Wechsler Intelligence Scale for Child. 24467

learning set in mentally defective child. 17096

motor task performance of high-grade male defectives, eff. of magnitude of incentive 46976

paired associate learning, generalization & retention as a funct. of intelligence 24468

pattern construction performance of brain-injured ment. defective child., comparison with familial ment. defective child. 46978

perceptual processes, comparison with normal develop. & brain inj. 597

reaction to an illusion, comparison with superior child. 5120

relations of abstraction to word meaning in retarded adolescents 595

relation of intellectual funct. to dissoc. behavior in child. 602

relation of parental attitude to level of achievement of severely retarded child. 46963

rote & concept learning of imbeciles 5381

speech & language develop. in retarded child, review 593

visual discrimination learning in imbeciles 24462

visual discrimination learning under special train. cond. in imbeciles 24463

visual figural after-effects & reversible figure tests in ment. defectives comparison with normal patients 50104

WISC, comparison with Arthur adaptation of Leiter internat. performance scale 605

***therapy***

at Outpatient Clinic of Muscatatuck State School, Indiana 24474

community serv. in rural area 44263

in Denmark, perspectives (Dan) 45523

in Greenland (Dan) 45524

music ther. 46977

47178

music ther. for institutionalized low & middle grade defectives 599

occup. ther. (Dut) 52486

play ther. with institutionalized educable ment. retarded boys 46986

promazine, case reports 53604

psychother., interdisciplinary program for institutionalized defectives 46965

psychother. of retarded child., educ. of psychiatrists in 53603

rehabil. 10847

rehabil. & management, responsibilities of GP 51598

rehabil., changing concepts 15258

rehabil. of retarded child. 20642

rehabil., responsibility of family physician 22586

Smiths Hosp., Henley-on-Thames, England, for psychotic defective child. 18472

speech ther. for retarded child. 5820

**MENTAL DISORDERS**

***see also*** **AMNESIA**

***see also*** **INSANITY**

***see also*** **MENTAL DEFICIENCY**

***see also*** **NEUROSES**

***see also*** **PERSONALITY, PATHOLOGICAL**

***see also*** **PSYCHOSES**

2177

admission of ment. patients to psychiatric hosp., indic. & contraindic. 48310

attitudes of general pub. to ment. illness 2174

changing family attitudes to mentally ill relatives & eff. on day hosp. care 5462

character disord. in epileptics, ther., chlorpromazine & reserpine, with anticonvulsants (It) 54271

comparison of psychosomatic & somatopsychic disord. 51597

concept of cure in relation to penal imputability (It) 6918

control of persons physically & mentally dangerous to society (It) 44352

determ. of ment. state of homicide defendant, medicolegal aspects 3184

diag. & ther. in GP 2171

5446

discharges from ment. hosp. 47186

employer attitudes on hiring applicants with hist. of ment. illness 18020 19077 19078 19079

etiol. & ther., review 18893

expulsion of evil spirits in ment. patients by Egyptian Zar dance, relation to healing dances of other nations (Ger) 27039

gastric acidity determ. without intubation in ment. patients (Cz) 48649

in armed forces personnel, prev. & ther. (Fr) 54015

in foreign students in English universities, classif., incidence & ther. 42174

in former internees of Nazi camps, deportees & prisoners of war (Rus) 34733

in Hungary, organiz. of county care serv. (Hun) 7368

legal protection of psychiatric patients (Cz) 48642

med., soc. & psychiatric aspects (Sp) 27216

ment. contagion, definition & psychol. mechanisms 47195

ment. illness, need for differentiation from ment. health 19068

mobile psychiatric units for early diag. & ther. of ment. disord. in Gt. Brit. (It) 54232

pre-hosp. contacts of community health & welfare agencies with severe ment. cases 19087

problems in community & family acceptance of ment. patient after rehabil. 3188

psychiatric disability for work, progn. (Sw) 45048

psychopathy as outmoded concept (Ger) 9546

psycho-vegetative synd. (Ger) 52214

rejection of hosp. ment. patients by their family (Fr) 47447

relation of ment. patients to physicians, hist. note 24622

research progr. 33032

responsibility of government for death of intoxicated ment. patient causing fight in VA hosp. 27932

review (Pol) 30911

soc. patterns in ment. disturbed juvenile delinquents 40016

soc. stress & ment. dis. from 18th century to present & origins of soc. psychiatry 51948

state hosp. commitment procedures in Delaware, legal aspects 48999

***blood in***

Akerfeldt blood test, evaluation 12623

O-antistreptolysin (It) 27661

changes in blood sugar levels, diag. & ther. value (Cz) 2757

lipoproteins, eff. of reserpine 16363

***case reports***

Capgras' synd. (Fr) 47448

caused by Asian influenza (It) 25692

confusional states in thymic tumor with myasthenia gravis & epilepsy (Fr) 29188

Cotard synd. with delirium of internal parasitic infect., in 54-year-old woman (It) 54276

in Huntington's chorea in 3 members of same family (Fr) 47464

organic confusional state with diabetes insipidus & miliary tuberc. 28080

with islet cell adenoma 16394

***cerebrospinal fluid in***

glutamic-oxalacetic & glutamic-pyruvic transaminase activity (It) 37320

***complications***

cerebral, cardiac, gastrointestinal & urinary dis., radiol. diag. (It) 32163

excessive appetite, control by phenmetrazine (Dut) 52514

incidence of arteriosclerosis in, indic. for shock ther. (Tur) 55080

water-electrolyte disord. (Pol) 30788

worm infect., ther., 3,3-diethylthiadicarbocyanine iodide 23421

***diagnosis***

(Cs) 38351

anat. approach for elimination of disagreement between clin. & histopathol. diag. (Sp) 31810

early diag. in GP 52664

EEG 911

electromyography in psychomotor disord. (Cs) 48644

in GP, common disord. undetected or misdiagnosed (Ger) 3271

mecholyl chloride progn. test 41195

mecholyl test, variability in responses 41194

validity of clin. judgments of psychiatrists 24587

***differential diagnosis***

role of synd., review (Ger) 49837

simulation of ment. disord. by criminals (It) 44348

***etiology and pathogenesis***

ACTH & cortisone, review (Rus) 46329

ascariasis (It) 32150

Asian influenza (Nor) 45420

Asian influenza (Sw) 221

cardiovasc. dis. (Fr) 15808

cerebrocranial inj., statist. (Ger) 55582

constitutional factors 15835

cranial osteitis deformans (It) 32148

epilepsy, rapid ment. deterioration 15833

eye dis. 15816

gold ther., treatment with dimercaprol (Fr) 54108

hypertension, higher nerv. activity (Rus) 33248

hypertension, ther. (Rus) 33249

icterigenic hepatitis, case report (Fr) 47444

nitroglycerin pois., occup. (Fr) 47758

parental deprivation 12615

polio. (Rus) 34789

progr. musc. atrophy (It) 8631

prophyria hepatica, case report 10692

psychogenic disord. in brain inj. (Rus) 34697

spasmophilia (Fr) 988

relation of menstruation & premenstruum 48263

transitory ment. disord. caused by iproniazid ther. of decubital angina 14250

tuberc., diag. & ther. (Ger) 45459

Werlhof's dis. (Ger) 11133

***heredity***

32486

(Fr) 54315

***in aged***

caused by cerebral arteriosclerosis & thrombosis 48175

classif. & etiol. 8433

diag. & progn. value of EEG 16000

diag. screening procedures in home for aged, methods & results 16004

eff. of hypocholesteremic prep. arcofac on blood cholesterol, postprandial admin. 39150

etiol. & ther. 19959

first admission of aged to ment. institutions, statist. 17791

in large ment. hosp., attitudes of patients toward hosp., families & outside world & need for soc. activities 3791

meprobumate ther. (Fr) 51393

phys. ther., psychother., electroshock & drug ther. 49777

psychiatric aspects of aging & their management, nature & scope 24710

psychiatric serv. for aged immigrants in Israel 39554

reducing patient number in ment. hosp. by non-institutional care 19092

rehabil., nursing home & follow-up program of state ment. hosp. 51906

soc. factors in old age psychiatry 3777

ther., combined nicotinamide & pentylenetetrazole 40936

ther., heparin, comparison with chlorpromazine (Fin) 54647

ther., tranquilizing agents (Ger) 45958

***in infant and child***

caused by tubere. meningitis (Rus) 34792

common disord. 5160

dementia infantilis in 12 year old child, case report 48489

diag. & prev., role of child guidance centers (Sp) 53947

diag. in GP 2644

early diag. & prev. 51573

etiol. role of environment (It) 43479

following head inj. 50854

ment. regression with verbal aphasia & epileptic sympt. in 4-year-old child (It) 54275

prev. of emotional shock & other psychol. inj. eff. of urogenital surg. in child. (Sp) 21122

pseudologia phantastica 24096

psychol. adjustment problems of family of institutionalized child 5808

soc. & psychol. problems of child awaiting hosp. admission 2240

symptom classif. in child psychiatry 55518

ther., glutamic acid prep. tonoglutal (Fr) 53308

***in pregnancy***

puerperal, clin. statist. 2230

ther. abortion, indic. 2594

2595

ther. abortion, indic. (Heb) 27781

***manifestations***

musc. distention of abdom. (Ger) 19407

relation of agnosia, aphasia & apraxia 12593

***metabolism***

relation to intracellular metab. 26985

water-loading test 48448

***pathology***

adrenal & pituitary glands in aged patients with & without hypertension & renal dis. 5618

focal cerebrovasc. dis., statist. (It) 32153

***physiology***

adrenal cortex funct. 31342

EEG, pentylenetetrazole & photic activation (It) 9394

eff. of hydergine on cerebral circ. & metab., role of age factor (Ger) 33847

eff. of methamphetamine on critical flicker fusion threshold & its relation to personality & affect 41193

fertility 6136

glutamic-oxalacetic & glutamic-pyruvic transaminases in blood & CSF in (It) 37436

liver funct., Gross' test (It) 8623

reciprocal action of visual & auditory analyzers (Rus) 34719

sedation threshold test 23418

***psychology***

abnorm. perception of brain-damaged ment. patients, definition of peephole analogy 17745

behavior rating scale derived by factor analysis 40705

chronic ment. hosp. dependency as a character defense 53808

comparability & reliability of 2 behavior rating scales 17146

cultural influences on group of psychiatric clinic patients 8399

determ. of conditioned reflexes in man, comparison with normal subjects 11672

drawing rotation test patterns 17119

drawings & paintings of ment. patients 54433

isolation stress in ment. dis. 16626

MMPI, comparability of card & booklet forms 4909

Moreno's psychodrama technic & sociometric tests (It) 32476

post-hosp. adjustment of chronic ment. patients 18386

progn. value of various behavioral variables 17115

relation of degree of ment. disord. to soc. organiz. & relations in ward groups 50096

suicides & attempted suicides in mental patients 2635

symbolism, Jung's theory (It) 44354

***statistics***

5447

21534

correlation with various types of birth control 47170

hosp. of male natives from No. Africa in metropolitan France (Fr) 47446

in Ghana, rural areas 50831

in Gt. Brit., hosp. statist. 19339

in Italy, age & sex distribution (It) 44356

in Italy, pre- & post-war variations (It) 44353

in Norwegian ment. hosp. (Nor) 10375

in patients with non-neurol. organic & systemic dis., incidence & classif. 24071

in Stockholm, among paupers 24086

in U. S. military personnel, controlled psychiatric study of personnel at sick call 45561

seasonal variations in incidence in hospitalized cases 12594

***therapy***

***see also*** PSYCHOTHERAPY

***see also*** SHOCK THERAPY

***see also*** TRANQUILIZING AGENTS

(Fr) 33410

alienation, psychother. implications 24097

aminophylline with chlorpromazine & phenobarbital, in cancer patients (It) 8803

art in individual & group psychother. (Fr) 43950

atropine coma 12619

50446

1,2-bis-[(5-β-chloroethyl-4-methyl)thiazol-3-yl-sulfo] ethane as sedative in emergency psychiatric ther. (Fr) 47461

care & treatment of ment. patients in ante-bellum Louisiana 28483

care in state ment. hosp., progr. 28483

clin. psychol. in rehabil., problems (Cs) 48646

common objective denominator for evaluation of ther. results of ment. disord. 30177

covatin (It) 42695

drawing & painting as ther. tool 24093

drop-out from outpatient treatment, personality & situational determinants 11675

drug ther. 47108

drug ther. (Nor) 54947

drug ther., clin. & practical aspects (Ger) 54379

drug ther., review 47152

drug ther., review (Ger) 42283

electrostimulation of diencephalon 15566

employment & ther. in regional hosp. (Rus) 55861

4,4-ethylmethylglutarimide in non-organic, clin. & EEG eff. 7394

family care & outpatient ther., review 47163

foster home care for psychiatric patient in Canada 14632

home care placement of neuropsychiatric patients, personality evaluation in judgment of outcome before placement 40704

hormonal ther. (Ger) 42342

hosp. care (Sw) 45347

hosp. nursing care, cooperation between nurses & psychiatrists 51902

51903

hosp. program of serv. for ment. patients physically impaired 20645

in general hosp. 7462

27049

51904

in rural cond. (Rus) 55862

indic. for psychiatric hospitalization & pre-admission psychother. 14353

institutional care, legal aspects (Ger) 55394

intermediate psychiatric facility for patient care between hosp. & home 14557

intra-osseous drug & blood admin. (Rus) 34696

iproniazid (Sp) 18859

iproniazid (Sw) 54824

iproniazid, comparison with perphenazine, prochlorperazine & promazine 42104

iproniazid, limited ther. value & side-eff. 3191

lysergic acid diethylamide, eff. on behavior, affects, ment. funct. & attitude of patients (Fr) 27345

mepazine 20487

mepazine, EEG changes (It) 38551

5-(o-methoxyphenoxymethyl)-2-oxazolidone 12600

methylphenidylacetate (Dan) 19936

methylphenidylacetate in chronically underactive & depressed patients 3192

MENTAL DISORDERS, ther.

metrazol, iproniazid & tranquilizing agents, indic. & results 50860

music, in Greek antiquity (Ger) 11283

music ther. 17330

51898

new trends in Gt. Brit. (It) 54232

non-convulsive cerebral electrostimulation 15565

occup. sewing group ther. & socialization 51897

occup. ther. & rehabil., review 47161

occup. ther., aspects of roles & funct. 13589

occup. ther., attitudes of therapist in psychiatric activity setting 12429

occup. ther., in psychiatric hosp. patients, value 767

occup. ther., intensive activities program for chronic patients 12432

occup. ther., involvement of ment. patient in group activities 8354

organiz. of ment. patient care in Sweden (Sw) 54831

outpatient care in psychiatric day hosp., evaluation 21812

peripheral electric stimulation 15567

phys. educ. & train., eff. on soc. rehabil. (Pol) 30069

phys. ther. 20352

phys. ther., eff. of hallucinogenic drugs on patient response 53107

pipradrol (Rus, 34760

plexonal forte (Fr) 51363

psychopharmaca, review (Sw) 54832

rehabil. 20647

rehabil. (Ger) 33636

rehabil., art ther. program in Veterans Administration hosp. 51907

rehabil., community responsibility 9801

rehabil., family indifference & interference in 18021

rehabil., return of recovered patient to community 19081

rehabil., soc. & vocational 19091

rehabil., sociol. factors 6559

role of GP 42156

sleep ther. 39153

sleep ther., prolonged but intermittent sleep (Fr) 44207

soc. aspects (Ger) 20096

triiodothyronine 50906

vitamin B12 (Rus) 34694

*urine in*

indican excretion, relation to intestinal flora (Ger) 44210

indole cpds., comparison with normal subjects 50844

*MENTAL HOSPITALS see* HOSPITALS, PSYCHIATRIC

MENTAL HYGIENE

*see also* PSYCHOTHERAPY

child guidance clinic caseload, soc.-psychol. characteristics 17136

child guidance clinic, comparative judgmental study of defection from treatment 4921

child guidance clinic, parents' reasons for defection from treatment 19088

child guidance clinic, psychol. testing in 19096

clinic under auspices of soc. agency, scope & purpose 24585

community resources, basis & plan for more effective use 19097

community responsibilities 19082

concept 15830

concept of ment. health (Fr) 27950

concept of mutuality in 15820

Connecticut Ment. Hyg. Society 27059

consultant's role as motivator of action 51899

counseling interview & judgment of clinicians, eff. of voice of person being interviewed, content of interview statements & train. & experience of clinician 17174

current trends in ment. health 6549

definition of ment. health & prev. of ment. disorc. (It) 8608

determinants inducing persons to seek personal counseling 17163

diag. serv. for maladjusted foster child. 24590

emotional health of women, panel discussion 16673

GP's role in local ment. health program 29322

hazards of mother-child separation 37582

in armed forces (Fr) 54014

in armed forces, problems & organiz. of psychiatric serv. 54013

in Canada, current problems 6499

in Colorado, community ment. health program 21509

in France (Pol) 30087

in France, Ment. Health Serv. of Department of Seine (Fr) 27954

in indust. & professions, pathogenic working methods & cond. & psychol. eff. of work simplification, specialization & automation (Fr) 27949

in inf. & child care centers (Sw) 32843

in Mexican school child. (Sp) 8962

in Minnesota 51900

interference of personal problems with working capacity & ment. hyg. in indust. 16620

internat. aspects 2353

19083

ment. health & atomic energy 38053

ment. health clinics in Belgium (Fr) 9499

ment. health, eff. of alcoholism (Por) 4362

ment. health program in pub. health 33875

ment. health, need for differentiation from ment. illness 19068

ment. health serv. in So. Africa, relation to pub. health 32493

ment. health train. of pub. health nurses or other professional groups by psychiatric consultation 44265

ment. hyg. unit of university health serv., role in selection of students 54631

54632

ment. outlook of African student & students from other lands in Gt. Brit. 14255

16622

motivations of professional persons working in field of ment. hyg. 53613

need for strategic planning for ment. health 38829

New York Community Ment. Health Serv. Act, increased citizen support 8387

New York state legislation 8390

obligatory psychopedagogical preschool educ. as ment. hyg. measure 24098

of aged 29333

44862

of aged immigrants in Israel 39554

of aged in Virginia, survey report of activity interests 22577

of aged workers & retirement problems (Fr) 40045

of child., role of child guidance centers (Sp) 53947

of college students, eff. of school environment 10046

of college students, ethical responsibility of college ment. hyg. clinic to family & parents 21980

of natives of New Guinea 6471

opinions of psychologists & psychiatrists on ment. health problems 17137

orthopsychiatric approach, conf. 8451

outpatient ment. hyg. clinic, eff. of weather & employment cond. on daily intake activity, failure to demonstrate correlation 40744

perspectives in Gt. Brit. 44866

potentials for prev. psychiatry in public school setting 12641

prev. psychiatric concepts in program of total child care 24595

prev. psychiatry in community action 12638

progr. 5444

24614

program in No. New England 5304

relation of ment. health to rapid econ. develop. & soc. disorganiz. of countries (Fr) 27952

relation to art appreciation, painting (Sp) 18856

role of ment. health films in community discussion groups 19080

role of police in maintenance of ment. health & healthful cond. in streets & pub. places (Fr) 27951

role of prev. psychiatry in psychother. of child. 12639

role of pub. health nurse 7545

scientific aspects 15827

search for ment. tranquility 40169

soc. & humanitarian aspects (Ger) 49874

soc. & philosophical concepts in Switzerland (Sp) 9667

WHO activity in field of ment. health of changing civilizations (Ger) 44196

WHO ment. health program in Europe 28175

*education*

pub. educ. 51885

pub. educ. in prev. psychiatry 12642

review 47158

*MENTAL TESTS see* PSYCHOLOGICAL TESTS

MENTHOL

proposal for German Pharmacopeia (Ger) 7972

*administration*

inhalation, radioisotope determ. of speed & duration of inhaled vapors in dog 40383

*MEPACRINE see* QUINACRINE

MEPERIDINE

chromatography & decomposition by liver homogenates (Cs) 48630

proposal to German Pharmacopeia (Ger) 7965

43607

*addiction*

withdrawal reaction with hypotension, case report 19908

*anesthesia and analgesia*

adjuvant in intravenous cholangiocystography (Cs) 14876

adjuvant in labor, with promazine 22731

adjuvant in regional anesth., with promazine 2040

5-(2-bromoallyl)-5-isopropyl-1-methyl-barbituric acid-meperidine prep. in cataract extraction, with & without d-tubocurarine chloride 23878

comparison with dextro propoxyphene 17018

in 1st stage of labor, with promethazine, parenteral admin. 24718

in labor, increased dos., with nalorphine 5571

in labor, with chlorpromazine, value of right dos. (Ger) 393

preanesth. with promazine, eff. on barbiturate anesth. in ocelot & leopard 16774

preanesth. with promethazine, eff. on resp. 21858

premedication, comparison with other drugs 52656

with acetophenetidin, acetylsalicylic acid & caffeine, analgesic eff. 30937

*antagonists*

nalorphine (Fr) 12982

*effects*

on serum amylase concentration, comparison with morphine 14645

*related compounds*

2,2-diphenyl-4-(4'-ethoxycarbonyl-4'-phenyl)piperidino-butyronitrile, eff. on gastrointestinal motility (Fr) 23717

53310

MEPHENESIN

*effects*

enhancement of gastrointestinal absorp. of orally administered sodium salicylate in man 41282

on cerebral electrical activity before & after exper. convulsions in dogs (It) 37433

on exper. local tetanus in rabbit 14137

23988

*injurious effects*

thrombopenic purpura, with dihydroxyaluminum glycinate & salicylamide 37701

*related compounds*

3-arylpropane-1,2-diols, prep. & testing for musc. relaxant activity 51084

*therapeutic use*

premedication in cardiazol activation of EEG & electrocorticography (Fr) 54101

tetanus, review of cases 23527

MEPHENTERMINE

*therapeutic use*

cardiac arrhythmias 560

mephentermine-amobarbital prep., indic. in surg. (Ger) 23174

MEPROBAMATE

clin. use, mechanism of action & prep. (It) 42582

idiosyncrasy, review & case report 11621

*addiction*

case reports & nature of addict. 28120

exper., convulsions following withdrawal in dogs 11648

toxic reactions & case of addict. 19874

*administration*

meprobamate-prednisolone prep. with antacids (Fr) 21582

*determination*

adsorp. chromatography on chromatoplates 49588

paper chromatography 52362

photometric method (Fr) 51063

spectrophotometric method (It) 40399

*effects*

analgesic eff. of benactyzine-supplemented meprobamate 39789

antag. of strychnine in rabbits (It) 13970

meprobamate-tridihexethyl iodide prep. on thyroid uptake & blood protein-bound level of radioiodine 30114

on activity of red nucleus in rabbits (Ger) 43016

on behavior, measurement of eff. 28207

on behavioral task performed under stress 50514

on cortical & subcortical response to auditory stimulation in cat 51073

on EEG & on alarm reaction & fugue induced by electrical stimulation of hypothalamus in rabbits (It) 31718

on motor & sensorial activity of binocular vision (It) 13140

on response of seminal vesicle & intestine to spasmogenic agents (Ger) 13639

on spinal monosynaptic reflexes & inhibitory pathways 5103

tolerance & withdrawal hyperexcitability induced in mice by chronic admin., detection by pentylenetetrazol infusion method, technic & clin. application 40367

*in urine*

eff. on values for urinary 17-ketosteroids & 17-ketogenic steroids 35081

*injurious effects*

coma with convulsions in attempted suicide 42101

dermatitis medicamentosa (Nor) 10373

papules with suppuration, case report (Sp) 15524

purpura, case report (Sp) 43943

purpuric & bullous dermatitis ending in death 62

*poisoning*

(Pol) 30086

attempted suicide with large dos. of meprobamate, case report (It) 21430

fatal cases 19841

fatal, diag. & autopsy findings (It) 6932

in attempted suicide, pentylenetetrazole ther. (Fr) 10599

*therapeutic use*

adjuvant in anesth. (Sp) 43923

adjuvant in electroshock ther. 17566

adjuvant in intensive psychother. 15576

adjuvant in skin dis., statist. (Fr) 6585

anxiety in outpatients, controlled trial 41222

anxiety in patients of ment. hyg. clinic 50448



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

anxiety, with reserpine (Fr) 32270
cerebral palsy in child., eff. on ability to learn 5729
delirium tremens, parenteral admin. (Fr) 37922
emotional disord., combined with promazine 16366
headache, sleep disord., anxiety & other emotional & neurotic disord. (Ger) 3273
hyperactive low-grade ment. defectives 5380
in aged (Fr) 51393
in labor (It) 3730
in labor, eff. on duration & on breathing & crying time of inf. 52828
in labor, eff. on third stage (Ger) 52231
in pre-, per- & postop. ther. & in fract. (It) 6782
in postop. care (Sp) 37241
in thyroid surg. patients (It) 35013
indic. (Fr) 31041
internal dis. (Fr) 41132
meprobamate-cyclobarbital prep. in sleep disord. (Ger) 32971
myocardial infarct 17720
neuroses & schizophrenia, comparison with chlorpromazine 24865
opiate withdrawal sickness 773
pediatric dis. (Ger) 8150
47642
pediatric dis., sustained action capsule 51047
peptic ulcer & other gastrointestinal disord., with tridihexethyl iodide 34416
premedication in regional anesth., comparison with pentobarbital & placebo 47327
premedication in resp. funct. tests (It) 19155
premedication in surg. of hyperthyroidism (It) 54268
preop. admin. 18655
prev. of surg. stress, with antihistamines (It) 11829
psychogenic asthma (Fr) 41149
psychoses & neuroses 17448
psychoses, with benactyzine 770
restlessness 3165
skin dis., with prednisolone (Fr) 9512
sleep disord., with cyclobarbital calcium (Ger) 51809
spasticity & contractures caused by spinal cord inj., comparison with phenobarbital & oxazolamine 25514
tetanus 40926
vomiting in pregn. (Fr) 8143
withdrawal synd. in opiate addiction 23422

***toxicity***

45557
lethal dos. & tox. manifest. in rabbit (It) 27469

***MERALLURIDE*** *see* DIURETICS, MERCURIAL

***MERATRAN*** *see* PIPRADROL

**MERCAPTOETHYLAMINES**

***effects***

2-aminoethanethiol & deriv. induction of bacteriolysis 17316
2-aminoethanethiol & 2, 2'-dithiobisethylamine, osteolathyrogenic eff. in rats 20744
2-aminoethanethiol & 2, 2'-dithiobisethylamine, tox. for thymocytes maintained in heterologous serum (Fr) 26725
2-aminoethanethiol & 2, 2'-dithiobisethylamine on eosinophil count in rats (Fr) 47737
2-aminoethanethiol on delayed gastric emptying caused by whole body irradiation in rat, comparison with normal rat 14134
2-aminoethanethiol, on liver regen. of irradiated rats (Ger) 45265
2-aminoethanethiol on morphol. & histochem. action of total-body x-irradiation on liver of rats (It) 29716
2-aminoethanethiol on radiosensitivity of mouse mammary carcinoma 37824
2-aminoethanethiol on sensitivity of rat oocytes to x-irradiation 53495
2-aminoethanethiol on teratogenic eff. of x-irradiation in mice 52344
2-aminoethanethiol, protective eff. against radiation, comparison with thiourea (Ger) 32665
2-aminoethanethiol, protective eff. against x-ray damage of liver & spleen (Ger) 32666
2-aminoethanethiol, radioprotection in reduced metab. (Ger) 9983

***injurious effects***

2-aminoethanethiol causing skeletal lesions in rats, comparison with eff. of 2-aminopropionitrile 130

***MERCAPTOMERIN*** *see* DIURETICS, MERCURIAL

**MERCAPTOPURINE**

***effects***

on antibody prod. in hyperimmunized rabbits 31333
on exper. neoplasms in combination with 6-aminonicotinamide & radiother. 2690
on purine catabolism in rats 38088

***injurious effects***

hepatitis caused by prolonged admin. in leukemia ther. 37228

***related compounds***

2-amino-6-mercaptopurine, comparative eff. on resist. & sensitive Ehrlich ascites cells 26478
2-amino-6-mercaptopurine, eff. on biosynthesis of nucleic acid purines in vivo & in vitro 38090
2-amino-6-mercaptopurine metab. in normal & cancer tissue 26459
2-amino-6-mercaptopurine with azaserine causing inhib. of ascites cell growth 2690

***therapeutic use***

leukemia, lymphatic, in child., comparative eff. of adrenal cortex hormones, mercaptopurine & aminopterine on course of dis., classif. & statist. (Fr) 30459
leukemia, myelocytic, with busulfan, prolonged remission (Rus) 20298
6-mercaptopurine in acute leukemia, with amethopterin, comparison of different regimens 25935
6-mercaptopurine in acute leukemia, with steroids (Rus) 6031

***MERCUROPHYLLINE*** *see* DIURETICS, MERCURIAL

**MERCURY**

***see also*** ANTISEPTICS, MERCURIAL

***see also*** DIURETICS, MERCURIAL

mercurial reaction in a tattoo, case report 48507
organic, environmental exposure, excretion & prev. of pois. in its manufacture 38
thiocyanate method in determ. of chlorides in water (Ger) 29781

***determination***

in kidney fractions of chow-fed & sucrose-fed rats after admin. of mercuric chloride 749
mercury molybdate, potentiometric titration 23081
quantitative determ. in animal tissues, method & appar. 12769

***effects***

color reactions of benzene deriv. with nitrous sulfuric acid in presence of mercuric salts (Fr) 13098
mercuric chloride inject. on renal pickup of mercury from later inject. of same 12508

***injurious effects***

corrosive mercuric chloride inducing kidney lesions, eff. on protein metab. (Rus) 33568
induction of secondary & tertiary syphilis by mercurial ther. (Ger) 15461
nephrotic synd. in adult after prolonged admin. 18350

***metabolism***

mercuric sulfide particles, passage across capillary wall in skin of mice under influence of histamine 53697

***poisoning***

adrenal cortex & pituitary histopathol. in chronic pois., case reports (It) 49596
antidotal eff. of 2,3-dimercaptopropane sodium sulfonate & mercaptosuccinic acid in exper. animals (Rus) 33189
causing hearing & vestibular disord. (Rus) 10760
exper. mercuric chloride pois., histochem. study of mercury distribution in tissues (Ger) 25944
mercuric chloride pois. of miners, mechanism (Cz) 30947
mercurous chloride in attempted suicide (Hun) 7691
occup., review (Ser) 25724
pneumonitis caused by inhalation of mercury vapor in child. & young adult 20356
remote results of chronic pois. (It) 44346
ther., edathamil calcium disodium in chronic pois. 26049

***therapeutic use***

syphilis, with penicillin G, eff. of mercury on penicillin activity (It) 3097

***MERCY KILLING*** *see* EUTHANASIA

***MERSALYL*** *see* DIURETICS, MERCURIAL

***MERTHIOLATE*** *see* ANTISEPTICS, MERCURIAL

***MESANTOIN*** *see* HYDANTOINS

**MESCALINE**

pharmacol. & metab., review 31890

***effects***

on CNS stereotyped responses for investigating other drugs with CNS activity in mice 5758
on ment. activity of normal subject 48388
psychol. changes, measurement by MMPI 24629
psychol. eff., in normal persons, comparison with symptoms of schizophrenia 48483

***metabolism***

biochem., review 8347
in humans, delayed clin. reactions 26995
oxidative deamination by amine oxidases from various animal tissues 41278

***related compounds***

α-dimethylmescaline synthesis (Fr) 38712
peyote alkaloid ther. of autonomic NS disord. (Fr) 15959

***therapeutic use***

alcoholism, adjuvant to psychother. 8499
psychoses, psychodynamic eff. 765

**MESENCEPHALON**

***abscess***

metastatic from bact. endocarditis (Cz) 38293

***anatomy and histology***

central auditory nerve pathways in inferior colliculi 35327
descending connections to lateral reticular nucleus in cat 40733
melanin in substantia nigra 17796

***diseases***

in influenzal encephalitis with cerebellar seizures, case report (Fr) 27328
malacia in non-eclamptic toxic encephalopathy in pregn. (Ger) 55739
streptotrichosis, metastatic from lungs, with Cushing synd. (Rus) 28831

***effect of drugs on***

barbiturates & meprobamate, on activity of red nucleus in rabbits (Ger) 43016
chlorpromazine on potentials evoked in medial reticular form. in cats 5747

***physiology***

blockade of ovulation by mesencephalic lesions in rat 15612
direct & potential hippocampal projections & related neural pathways in cat 25975
eff. of diencephalic-mesencephalic lesions on aldosterone & hydrocortisone secretion 39191
eff. of faradization of corpora quadrigemina on cochlear nuclei response to sound stimulus (Fr) 15150
eff. of lesions on spontaneous activity of Betz cells in cat 5511
eff. of secondary lesions of red nucleus on subthalamic hyperkinesia in monkey 5514
eff. of stimulation of reticular form. on cortical sensory responses in cat (Fr) 366
eff. of stimulation on limbic system seizures in cats 43126
eff. of superior colliculus lesions on visual discrimination & single-alternation performance in monkey 4931
eff. of ultrasonic irradiation of nigral complex in hyperkinetic & hypertonic disord. 50948
exper. lesions inducing torticollis in monkeys 50949
recruiting responses in reticular form. in cats 3478
standard difference between axillary & rectal temperature in paralytic encephalosepsis polio, due to differential inj. of brain stem & mesencephalon (Hun) 52884

***surgery***

mesencephalotomy alone or with mesencephalothalamotomy in herpetic trigeminal neuralgia 55753
pedunculotomy in athetoid cerebral palsy, eff. on speech 18094

**MESENCHYMOMA**

adrenal myelolipoma, sympt., review & case report 43143
mesodermal mixed-tumor of uterus, differ. diag. & case reports (Ger) 36029
sarcoma botryoides of vagina 48543

***case reports***

adrenal myelolipoma (Pol) 30393
bladder (Ger) 55513
female genitalia 24492
46891
lipomyoma, retroperitoneal perirenal 36012
mesodermal mixed tumor of uterus (Sp) 13533

myelolipoma of adrenal medulla with cortical involvement (Sp) 44560

uterus 50985

**MESENTERIES**

***see also* OMENTUM**

mesentery proper, abnorm. & dis., clin. & x-ray aspects (Fr) 41379

***abnormalities***

atypical lacunae, with small intestinal torsions (Ger) 38449

mesenterium commune with duodenum liberum in hypochromic anemia, case reports (It) 21456

mesenterium commune with multiple peptic ulcers, case reports (It) 25699

opening in mesosigmoid with intestinal strangulation, case reports (Ger) 34537

***anatomy and histology***

connective tissue of mesenteries & omentum in rats, electron microscopy (Ger) 25819

***blood supply***

arteriomesenteric duodenal obstruct., mechanisms & surg. mobilization of ascending duodenum 25036

eff. of acute elevation of portal venous pressure on mesenteric blood volume, interstitial fluid volume & hemodynamics 3930

eff. of histamine-liberator 48/80 after previous admin. of serotonin & antihistaminics in guinea pigs & rats (Ger) 12191

eff. of histamine-liberator 48/80 & reserpine in untreated & ACTH- & synpen-treated guinea pigs & rats (Ger) 12190

fat embolism in fract. (Rus) 41515

lengthening & enlargment of Riolan's arch, unusual case report (It) 9313

vasc. occlusion, surg., massive resection followed by stenosis of small intestine & obstruct. 14657

venous occlusion, case reports 873

***cysts***

12836

case report (Fr) 51453

chyle cyst, surg. & case report (Sp) 53328

classif., etiol. & pathol. (It) 25564

congen. suppurating cyst of mesentery of small intestine (Rus) 5968

diag. & surg. (Rus) 21896

differ. diag. from solitary serous cysts of lower end of right kidney (It) 1102

lymphatic cyst simulating peptic ulcer, case report 17452

multiple, with folic acid defic. synd., megaloblastic anemia & hyposplenism (Ger) 54357

ovarian cyst in mesocolon 50624

transverse mesocolon, case report (Fr) 14372

***diseases***

adenitis, with acute intussusception (Fr) 41438

emphysema with retroperitoneal postampullary rupt. of duodenum caused by blunt inj. of abdom., case report 32490

exper. retractile mesenteritis, prev. eff. of ACTH in rabbits (It) 29589

pseudotumoral hypertrophy in myosclerosis, case report (Fr) 53995

thrombosis assoc. with migratory polyphlebitis 12301

torsion causing infarction of accessory liver lobe 11794

***effect of drugs on***

acetylcholine, nicotine & veratridine, reflex responses, mechanisms 17931

arterenol reaction threshold, chlorpromazine-induced increased threshold in rats 24843

***foreign bodies***

metallic, surg. removal (Pol) 53134

***infarction***

14884

caused by embolism of superior mesenteric artery, surg. 7424

x-ray diag. (It) 29664

***neoplasms***

angioma, case report (Fr) 53444

Hodgkin's dis. of mesenteries & retroperitoneal space with calcified leiomyoma of uterus, clin. pathol. conf. 52622

in child, case report (Sp) 21142

teratoma (Ger) 21961

***physiology***

eff. of formaldehyde-, heat- & peptone-shock on mast cells in rat mesentery (Ger) 35023

eff. of stress on mast cell activity 22004

relation of mesocolon transversum to omentum majus (Dut) 7357

***MESOCOLON* see MESENTERIES**

**MESODERM**

autoplastic transpl. of intermedial mesoderm in Discoglossus pictus embryo, develop. of kidneys, mesonephros & genitals (It) 1965

***metabolism***

ribonucleic acid & protein distribution during neural induction in frog embryo 17277

***MESONEPHROMA* see OVARIES, *neoplasms***

***MESOSIGMOID* see MESENTERIES**

**MESOTHELIOMA**

pleura, histol. & surg. (Ger) 22219

testes (Sp) 44415

***case reports***

celothelioma of heart in fetus, review case report (It) 21441

fallopian tubes (Ger) 23124

fibromesothelioma of parietal pleura, surg., technic (Sp) 30994

pelvic peritoneum simulating papillary cystadenocarcinoma of ovary 35765

round ligament (Rus) 12135

scrotum, ther. (Ger) 15458

spleen (It) 24934

***diagnosis***

pleura (Ger) 22805

***in infant and child***

pericardium (Rus) 55337

***surgery***

pleura (Ger) 30267

**METABOLIC DISEASES**

clin., genetic & biochem. aspects of metab. disord. of NS 31271

congen., classif. (Ger) 11033

cystinosis, etiol., diag. & case reports 50117

cystinosis, review (Ger) 49313

excessive α-ketoglutaruria excretion as metab. abnorm. (Cz) 48584

Fanconi's rachitic synd., calcium & phosphorus metab. & eff. of vitamin D 39739

Fanconi's rachitic synd., review (Ger) 27394

hered. galactose dis. 28152

postop. disord. in otorhinolaryngol. ther., 4β-chlorotestosterone acetate (It) 13504

review 18695

review (Ger) 19393

52278

***blood in***

basophils, quantitative changes, diag. value (Ger) 33828

***case reports***

oxalosis with primary hyperoxaluria 30139

51031

***complications***

Fanconi's rachitic synd., causing plasma cell myeloma (Dut) 19733

ment. defic., review (Ger) 29483

***diagnosis***

(Ger) 52202

cystinosis & oxalosis, polarographic identification of crystalline deposits in tissues (Fr) 30460

***etiology and pathogenesis***

hypermetabolic state after extracorporeal hemodialysis in acute renal failure 43169

reserpine, comparison with malignant carcinoid synd. (Ger) 3601

***experimental***

induction in exper. prod. of congen. abnorm. in mammals 53113

***in infant and child***

Fanconi's rachitic synd., case report (Pol) 20239

Fanconi's rachitic synd. with transitory amino-aciduria during calcium perfusion (Fr) 21272

genetic aspects, review 20029

43274

in ment. defic. & convulsions, pathogen. 43499

maple sugar urine dis. 37734

37735

polycoria, with liver cirrhosis (Fr) 43008

***manifestations***

ECG changes (Ger) 34042

46109

46131

musc. electrolytes, value of biopsy analysis in diag. & ther. of metab. dis. (Pol) 30782

***pathology***

radioautography of in vitro activated tissue sections in histochem. studies 51297

***physiology***

bone form. rate in metab. bone dis., radiocalcium studies 17042

relation to endocrine disord. 14080

***therapy***

radiother., functional (Por) 53836

**METABOLISM**

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

***see also* BASAL METABOLISM**

***see also* PHOTOSYNTHESIS**

(Ger) 52269

absorp. of accumulated gases in human body, model exper. (Ger) 55562

anabolic eff. of 17α-ethyl-4(5)-estren-17β-ol-3-one in elderly underweight males 26145

antimetabolites, eff. on metab. of 1, 1, 1-trichloro-2, 2-bis(p-methoxyphenyl)-ethane in rat 36580

antimetabolites, eff. on protein & nucleic acid incorporation of glycine in normal & malignant lymphocytes 28260

antimetabolites, pharmacol. use, review (Pol) 24053

antimetabolites, relation of structure & biol. activity, review 1269

antimetabolites, review (Bul) 45300

biosynthetic incorporation of metabolite analogues, review 20319

changes caused by hexobarbital anesth. by rectal admin. in child. (Ger) 34685

complex reflex regulation & eff. of feeding in sheep (Rus) 49567

curves in bats (Cz) 38215

eff. of adaptation to low oxygen tension, polycythemia vera & changes in thyroid funct. on metab. & body temperature in anoxic rats (Hun) 28798

eff. of analeptics, hypnotics & sedatives (Pol) 53189

eff. of antibiotics 34366

eff. of exercise, ergostatic determ. (Ger) 30573

eff. of exercise in white mice (Cz) 38214

eff. of exposure of altitude-acclimated rats to cold, neutral & hot environments 35824

eff. of exposure of cold-, neutral- & heat-acclimated rats to high altitude 35823

eff. of fructose & glucose in healthy persons (Ger) 27180

eff. of high intrathoracic esophagogastrostomy in esophageal stenosis in growing child 51164

eff. of human & monkey somatotropin on metab. in man 24982

eff. of intravenous admin. of drugs on blood levels of enzymes & substrates of intermediary metab. (Ger) 46795

eff. of partial radioiodine destruction of thyroid in female rat 48451

eff. of reserpine in albino rats (Ger) 34008

eff. of somatotropin (Ger) 15631

eff. of thermal environment & water & caloric deprivation 8217

eff. of x-irradiation, protective eff. of 2-aminoethanethiol (Ger) 32666

energy transform. in living matter, review 39221

fluctuations in metab. activities in various animal species, correlation with fluctuations in cosmic radiation levels 12525

in animals adapted to wds. (Cz) 38202

in mature & premature newborn inf., eff. of environmental temperature 30575

induction of changes in rats by low barometric pressure in combination with cold or heat 732

low-molecular weight & water-soluble biosynthetic intermediates, significance of their ionized state at neutral pH 47716

metab. adaptation mechanism (Ger) 55462

metab. adaptation to caloric intake in rats (Cz) 48636

metabolic-stimulating eff. of tumor tissue nucleoproteins in normal animals (Sp) 6569

oxygen consumption of newborn pig, eff. of fall in environmental temperature 7239

possible relationship between optical activity of biochemicals & aging, review 35552

role of adrenal glands in metab. response to surg. 51134

steady state in exper. med. (Ger) 394

study in child, without use of isotopes (Ger) 42871

***METABOLISM, BASAL* see BASAL METABOLISM**

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

**METABOLISM, TISSUE**

***see also* ENERGY**

active & inactive transport mechanisms 53070

alternate metabolic pathways 830

anaerobic cellular energy process independent of coenzyme I (Ger) 55566

biol. oxidations, review 1264

carnosine, on oxidative phosphorylation (Rus) 1722

comparison in tissue slices from mice exposed to heat & cold 12532

critical eff. of oxygen tension on rate of growth of animal cells in continuous suspended culture 42961

cycling in oxygen consumption of cleaving eggs 39276

de-iodation of iodotyrosines in rat liver tissue, mechanism (Fr) 28659

determ. by Tödt's galvanometric method with continuous control of partial oxygen pressure (Ger) 25304

eff. of body temperature (Ger) 34030

eff. of cold on consumption in rats following bilateral hypothalamus lesions (Ger) 24033

eff. of decoctions of human cancer tissue on anabiotic & anoxygenic energy potentials (Ger) 34176

eff. of exper. shock on enzymes in glycolytic cycle in kidney & liver tissue (It) 3869

eff. of hypertension in rat 50532

eff. of insulin, anaerobiosis & cell poisons on glucose & xylose accumulation in isolated rat diaphragm 25875

eff. of insulin, anaerobiosis & cell poisons on glucose uptake & potassium release in isolated rat diaphragm 25874

eff. of temperature on oxygen consumption of frog & rat tissues in vitro (Ger) 39254

eff. of trilodothyronine on consumption in hypophysectomized & thyroidectomized rats, eff. of ACTH & cortisone 24032

in exper. tetanus in dog (Pol) 20184

indices of oxygen transport, utilization & storage in various rat organs after acclimatization to altitude at different temperatures 23284

intracellular, relation to ment. disord. 26985

irreversible inactivation by heat in frog tissues (Ger) 39253

Krebs cycle enzymes in developing avian embryo 16891

Krebs cycle, relation to vitamin D & calcium-phosphorus metab. (It) 16373

Krebs cycle inhibitors, eff. on metab. in animals infected with Pasteurella pestis toxin (Rus) 34674

liver mitochondrial subfragments with oxidative phosphorylating activity, prep. by action of digitonin 40527

metab. rates of shrew tissues 44953

mitochondria & electron transport in mechanism of biol. oxidation in tissue metab. 9808

myocardial oxygen metab. disord. causing myocardial ischemia in pregn. toxemia (It) 29619

oxidation systems in cancer tissue, review (Fr) 7766

oxidative phosphorylation by cell-free extracts of Azotobacter 39230

oxidative phosphorylation by electron transfer particle, requirement of soluble macromolecule 13853

oxidative phosphorylation coupling by electron transfer particle 13765

oxidative phosphorylation in chick embryo 52366

oxidative phosphorylation in mitochondria, review (Rus) 55171

oxidative phosphorylation in normal & pathol. tissues, study with radiophosphorus (It) 6947

oxidative phosphorylation inhibitors, eff. on histamine release during anaphylactic reaction in vitro 39260

oxidative phosphorylation reactions in mitochondria with reversible exchange between ATP & adenosinediphosphate 40528

oxidative phosphorylation, review 51080

oxygen consumption during nocturnal sleep & rest 11530

oxygen consumption in guinea pigs, mice & rats, comparison 5752

oxygen consumption in mice living in environment of 3°C. 53696

oxygen consumption of isolated musc. from cold-blooded animals, eff. of musc. extension (Ger) 33934

oxygen consumption rate by various human tissues, comparison with reduction rate 512

oxygen consumption rate in trematode parasites 34319

oxygen consumption, relation to thermal sensation on cold exposure & regulation of body temperature 16465

oxygen tension, measurement by exposed platinum electrode, problems 14604

oxygen uptake, determ. by modified differential constant-pressure respirometer of intermediate capacity, description of appar. & procedures 38522

oxygen uptake of tobacco leaves in vitro, role of glycolic acid oxidase 40480

photosynthetic phosphorylation, relation to Hill reaction 13805

resp. chain, constitution in animal tissues, review 35557

resp., dependence of activation energy on body size, in mammals (Ger) 15666

resp. inhibitors inducing retinal degen. in rats & rabbits 2102

resp., localization of interaction sites in multi-component electron-transfer system, theorems derived from studies on model systems 19683

resp. musc. consumption in lung dis. patients (It) 52063

sympathetic ganglia, glucose & oxygen uptake & lactic acid output in rat ganglia at reduced temperature & varied pH 41210

resp. quotient in rat, eff. of high fat-high cholesterol diet 36616

role of cell metab. in clin. research, review (Ger) 52235, 52248

uptake of rat brain homogenates in vitro, determinants of chlorpromazine action 49335

***effect of drugs on***

adenylpyrophosphoric acid on oxidative metab. of homogenates of guinea pig (It) 44829

6-aminonicotinamide pois. on oxygen consumption in rat (It) 25594

1-amylbiguanide, 1-phenylethylbiguanide & decamethylene diguanidine inhib. of tissue resp., relation to their hypoglycemic eff. 37097

chlorpromazine on oxidative phosphorylation, mechanism 19558

chlorpromazine on tissue resp. (Ger) 36594

diethylstilbestrol on energy utilization in growing chick 35807

2,4-dinitrophenol causing uncoupling of oxidative phosphorylation, mechanism of action 40524

2,4-dinitrophenol on oxidative phosphorylation in submitochondrial particles, point of action 1685

magnesium lactate after prolonged intravenous admin. in normal man 17965

novobiocin causing uncoupling of oxidative phosphorylation in vitro 39239

oxygen need changes induced by thyroxin admin. in hypophysectomized rats, eff. on erythropoiesis 12950

potassium atractylate inhib. of Kreb's cycle 7131

salicylic acid deriv. on oxygen consumption rate in normal intact rats 48231

silica on oxidative phosphorylation (Ger) 49910

silica, soluble, on metab. of rat-tissue prep. 13699

sodium salicylate, on oxygen consumption in rats 28573

somatotropin (Ger) 39055

thyroid hormones on oxygen consumption in toad (Sp) 44597

tolbutamide on oxygen consumption in pigeons (It) 18949

toxic antibiotics on resp., phosphorylating & glycolytic systems in animal tissues 47725

3,3',5-triiodothyroacetic acid on oxygen consumption of myeloid leukemic leukocytes in vitro 41839

triiodothyroacetic acid, role of adrenal funct. in hypophysectomized rats (Ger) 30511

xylose on Krebs cycle (Fr) 41334

***effect of radiations on***

(Bul) 45282

relation of tissue oxygen to tissue sensitivity to x-rays 29008

x-rays on oxygen consumption, relation to temperature, in rat 4323

**METACARPUS**

***fractures***

reduction & immobilization method 50201

surg. (Ger) 6694

***neoplasms***

chondroma (Rus) 43415

solitary myeloma of 4th metacarpus of left hand, case report (It) 53777

***transplantation***

in plastic surg. in hand inj. (Rus) 43409

**METALS**

***see also* TRACE ELEMENTS**

***see also* VITALLIUM**

alkali-metal binding by phosphoproteins, eff. of pH & cation concentration 1389

alkaline earths, relation to hemolysis induced by guinea pig & horse sera (Fr) 47407

bivalent metal ions as catalysts for non-enzymic transphosphorylation between orthophosphate & adenylpyrophosphate 13736

chelate form. with hexachlorophene & bithionol 5755

enzyme-metal complexes, dissociation & activation mechanisms 1665

enzyme-metal-substrate complexes, structural & solution chem. aspects 1662

fixation by anion exchangers (Fr) 44759

heavy metals, physiol.-active concentrations (Rus) 3579

iridium & palladium complexes of casein, prep. & characterization (Ger) 47930

metal-attached group bonds in complex cpds., structure & stereochem. aspects 1661

metallic salts of anionic surface active substances, synthesis & biotesting 16721

metallic tastes, subjective & objective, mechanism (It) 52119

microchem. reactions of metallic salts with sulfonamides in ammoniacal solutions (Dut) 20316

stability of metal complexes with salicylic acid & its deriv. 19506

***determination***

heavy metal salts in kidney calculi, by spectrum analysis (Hun) 18601

in biol. systems, determ. of concentration of metal ions by spectrophotometry of metal indicators at 2 wavelengths 25427

***effects***

bactericidal action of salts of certain rare earth metals 24859

bivalent metal ions on isometric contraction of glycerol-extracted musc. fiber bundles 12021

chemother. eff. on exper. ectromelia virus & neurotropic vaccinia virus infect. in mice 14095

divalent metal ions on hydrolysis of mono- & di-esters by animal alkaline phosphatases (Ger) 49095

drinking solutions containing metallic ions above & below hydrogen in electromotive series on dent. caries in hamster 28100

heavy metals on nitrification (Rus) 51927

heavy metal salt concentration on proteolytic activity of papain 49299

on glutamyl polypeptide synthesis by Bacillus subtilis 28216

on hemagglut. by influenza virus vaccine 40869

structural changes in long bones implanted with various metals in dogs 40642

surg. metal implants on distribution of intensity of ultrasonics 36701

***injurious effects***

allergic reactions to metals as cause of sarcoidosis & anthracosilicosis, intradermal tests 41003

***metabolism***

heavy metals, significance in biol. systems 1664

metallophilia in tumor-bearing mice 34951

metal-peptide complexes in solution & relation to proteolytic activity 1663

role in oxidations catalyzed by xanthine oxidase or other metal-iflavoproteins 1666

***poisoning***

in animals, ther., edathamil (Fr) 9169

ther., chelating agents, mode of action (Fr) 54902

***therapeutic use***

multimetal aerosol prep. lanthasol in myocardial infarct (It) 39513A

multimetal aerosol prep. lanthasol in obliterating peripheral arterial dis. & coronary dis. (It) 3726

**METAPLASIA**

metaplastic squamous epithelium of bronchial mucosa as cancer precursor (Ger) 36420

mucinous metaplasia in normal apocrine glands 5

squamous metaplasia of resp. tract, relation to resp. dis. 23950

**METATARSUS**

brachymetatarsia of 4th bone caused by foreign body during growth period (Ger) 15860

***diseases***

circumstantial metatarsalgia simulated by pain caused by needle fragment 4576

metatarsalgia, ther. 16751

***dislocation***

divergent disloc., case report (Fr) 14360

interodorsal luxation of 1st right metatarsus (It) 6818

***radiography***

Looser zone in primary refractory anemia (Cs) 48658

***METEOROLOGY* see WEATHER**

**METHACHOLINE**

reaction indices as prognosticators for insulin shock ther. 50444

test in ment. disord 41194, 41195

***determination***

Schönemann colorimetric reaction, application to demonstration of acetylcholinesterase activity 16704

***effects***

on blood acid phosphatase in prostate cancer patients 14748

**METHADON**

proposal to German Pharmacopeia (Ger) 7965

43607

***antagonists***

nalorphine (Fr) 12982

***effects***

synergistic eff. with ethyl alcohol in rats (Ger) 52215

***poisoning***

sudden death after sublethal methadon & alcohol intake (Ger) 36496

***related compounds***

1-dimethylamino-3,3-diphenyl-hexan-4-one 2,6-di-ter-butyl-naphthalene-3,5-disulfonic acid tox. & evaluation as antitussive drug (Ger) 36929

6-piperidino-4,4-diphenylheptane-3-one in postop. analgesia 37960

6-piperidino-4,4-diphenylheptane-3-one, pre-delivery sedative & analgesic 2639

**METHANE**

***related compounds***

methylamine, eff. on alkaloid synthesis by Datura stramonium 50258

1,2,2-trichloro-1,1,2-trifluoromethane, purifying eff. on vaccinia virus 2062

***METHANOL*** *see* **ALCOHOL, METHYL**

**METHANOMONAS**

methanics, bioassay 25307

**METHANTHELINE**

decomposition of methantheline bromide in aqueous solutions, chem. kinetics 2815

***effects***

on prolactin form. & release, in rats, comparison with chlorpromazine (Fr) 38729

***related compounds***

propantheline pois. in child. 24891

use in radiography of pharynx & mouth of esophagus (Fr) 44677

***METHEMOGLOBIN*** *see* **HEMOGLOBIN**

**METHEMOGLOBINEMIA**

acquired & hereditary methemoglobinemic cyanosis (Fr) 44689

***case reports***

chronic spontaneous (Rus) 6049

in 35-year old man 40125

***etiology and pathogenesis***

increased amount of blood oxidizing agents, diag. by colorimetry 38524

***in infant and child***

congen. & acquired, case reports 2617

hered. constitutional methemoglobinemia in 2 brothers, case reports with one brother having clubbed fingers (It) 42797

in newborn caused by naphthalene, with acute hemolytic anemia & methemalbuminemia (Ger) 34116

with strangulated intestinal obstruct. in newborn 28601

**METHENAMINE**

***therapeutic use***

epilepsy, EEG & clin. indices (Rus) 34821

**METHIONINE**

degradation by β-& x-rays in vitro 19635

radiosulfur-labeled, determ. of protein metab. in sarcoplasm (Rus) 1732

***determination***

(Ger) 49921

***effects***

dietary on tissue lipids & on vasc. structure of cholesterol-fed growing rats 17824

interaction with indolacetic acid in control of abscission in tobacco plants 31389

on Cephalosporium form. of synnematin B 13388

on fibroblasts in vitro, mitotic & cytol. changes 3497

on glucose-6-phosphatase adaptation in rats, eff. of dietary ratio of ethionine & methionine 28236

prev. of ethionine induction of liver carcinoma in rats 26474

prev. of lipophanerosis of liver in dogs (Ger) 49687

reduction of urinary N-formimino-glutamic acid in rat 28264

***metabolism***

activation of carboxyl group for interaction with ATP by enzyme system from rat liver 13700

activation of methionine for transmethylation in regenerating rat liver & in hepatoma (Ger) 34175

active transport of D-methionine by intestine in vitro 28638

breakdown & distribution in sea urchin eggs during develop. 39233

conversion to spermidine & spermine in presence of putrescine 16913

determ. in study of blood protein turnover in hematuric cattle (Rus) 10930

E. coli biosynthesis from methionine deriv., vitamin B12 mechanism, review 43293

E. coli strain, temperature-sensitive requirement 20730

Ehrlich ascites tumor tissue, radiosulfur labeled DL-methionine 55532

intestinal absorp., competition between L- & D- forms 51104

liver, during regen. (It) 43787

liver, during regen., eff. of carbutamide (It) 37486

Micromonospora vulgaris requirements, defined culture medium 17314

methionine 835 uptake in determ. of protein metab. (Rus) 33471

methyl group oxidation in liver homogenates from normal mice & from tumor-bearing mice 26472

tumor cells, radiosulfur determ. of distribution in Ehrlich ascites cells, radioautography 27415

***related compounds***

S-adenosyl-L-methionine decomposition by enzyme systems in cell-free extracts of Aerobacter aerogenes 4757

S-adenosylmethionine cleavage, purification & properties of cleaving enzyme from Saccharomyces cerevisiae 40547

S-adenosylmethionine enzymic transmethylation with homocysteine in various bact. extracts 1688

***therapeutic use***

joint dis., chronic (Hun) 30294

**METHONIUM COMPOUNDS**

***see also*** **DECAMETHONIUM COMPOUNDS**

***see also*** **HEXAMETHONIUM COMPOUNDS**

***see also*** **PENDIOMIDE**

pentamethonium dibromide, analysis & properties (Fr) 1070

N,N,N,N-tetra-ethonium cpds., prep. & neuromusc. blocking activity 41310

N,N,N- & N,S,N-tris-ethonium cpds., prep. & neuromusc. blocking activity 41309

***effects***

pentamethonium dibromide on body temperature & resp. in guinea pigs, comparison with other vasodilator drugs (Fr) 48862

***injurious effects***

decamethylene-bis-α,ω-(m-dimethylaminophenyl)-N-methylcarbamate methobromide causing almost lethal vagus shock during glaucoma ther. (Ger) 28885

***therapeutic use***

pentamethonium in hypertension, eff. on EEG (Cz) 38286

***METHYL ALCOHOL*** *see* **ALCOHOL, METHYL**

***METHYL SALICYLATE*** *see* **SALICYLATES**

***METHYL VIOLET*** *see* **GENTIAN VIOLET**

**METHYLCELLULOSE**

***effects***

on hemopoietic system in rats (Hun) 41623

***metabolism***

eff. of cortisone on tissue storage in rats (Hun) 41613

storage in rats inducing reticulosis with dysproteinemia & hemolysis 23749

***related compounds***

carboxymethylcellulose-barium sulfate prep. as contrast medium in esophagus x-ray, comparison with barium sulfate (Ger) 38937

***therapeutic use***

kolantyl in gastrointestinal disord. in aged 4441

**METHYLCHOLANTHRENE**

eff. of total body x-irradiation on response of mice to methylcholanthrene 2343

***effects***

epidermal tumor induction, eff. of cortisone in mice (Ger) 49839

exper. carcinogenesis, eff. of maternal age selection in mice 13246

exper. carcinogenesis, eff. of selection in mice, review 13244

exper. leukemia in rats 30022

exper. mouse mammary carcinogenesis, eff. of selection 13243

induction of cancer in glandular stomach of C57BL mice by intramural inject., histopathogen 28531

induction of sarcoma in guinea pigs (Rus) 52956

inhib. of mammary tumor transplants in rats & eff. on endocrine glands & on alkaline phosphatase of mammary gland (It) 21444

on disulfide bonds of mouse epidermis 17525

sarcoma induction in rats, influence of radioiodine treatment 206

**METHYLENE BLUE**

determ. of spreading pathways in Vishnevskii's lumbar procaine block (Rus) 33197

discoloration by ultrasonics, eff. of cysteine (Ger) 34240

elimination in gastric juice in dogs (Ger) 46698

in detection of incomplete Rh antibodies, method 10955

test in diag. of amyloidosis (Bul) 32783

quantitative absorp. by dead Saccharomyces cerevisiae cells 4712

***effects***

on cation transport & hydration of rabbit lens 47039

protective eff. in exper. pulm. edema in rats (Ger) 29890

***METHYLMETHACRYLATE*** *see* **ACRYLATES**

***METHYLPARAFYNOL*** *see* **HYPNOTICS AND SEDATIVES**

**METHYLPHENIDYLACETATE**

pharmacol. & promotion of recovery from anesth. 35985

***effects***

hemodynamic eff. (Ger) 36480

induction of hypermotility, eff. of chlorpromazine, perphenazine & promazine in mice (It) 37513

induction of hypermotility, eff. of iprocinazid in mice (It) 37514

on behavior, measurement of eff. 28207

on electrocorticography & cholinesterase of brain & brain stem in rabbit (It) 9397

***therapeutic use***

(It) 20988

adjuvant in psychother. of depression in aged 53606

adjuvant in ther. of hypertension (Ger) 22180

allergic dis., with tripelennamine (It) 39523

asthma & hay fever 17648

barbiturate pois. 50794

behavior disord. in child. & adults, comparison with reserpine 12500

chronic underactive schizophrenia 49197

depression & underactivity in ment. patients 3192

epilepsy with psychosis, with reserpine 15560

hiccup during surg. (It) 51961

in narcoanalysis of schizophrenics & paranoids, with isopropyl-bromo-allyl-N-methyl- barbiturate (It) 7742

ment. disord. (Dan) 19936

postanesth. recovery in oral surg. 7679

rhinitis, vasomotor, with tripelennamine & sandostene (Cz) 14843

***METHYLPHENYLSUCCINIMIDE*** *see* **ANTICONVULSANTS**

***METHYLROSANILINE CHLORIDE*** *see* **GENTIAN VIOLET**

***METHYLTHIOURACIL*** *see* **THIOURACIL**

***METHYPRYLON*** *see* **HYPNOTICS AND SEDATIVES**

***METRAZOL*** *see* **PENTYLENETETRAZOLE**

***METRORRHAGIA*** *see* **MENORRHAGIA AND METRORRHAGIA**

**MICE**

inheritance & expression of dysorganix., unusual mutation in mouse 17270

inject. & bleeding of newborn mice, intracardiac technic 31416

maternal age at time of first litter 17360

skeletal variation in wild populations, genetic significance 40704

strain of mouse lacking retinal sensory epithelium (Fr) 24882

successful develop. & birth of mice cultivated in vitro as early embryos, technic 19561

***diseases***

cysticercosis, spontaneous (Pol) 33793

epizootic diarrhea of suckling rats & mice, clin. manifest. & pathol. 4808

microphthalmia with hered. cataract in house mouse, cytoplast exam. (Ger) 34216

natural infect. with Oxyuris, ther. (Ger) 36957



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

## MICROBIOLOGY

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

*see also* BACTERIOLOGY

*see also* MICROORGANISMS

bibliog. (Rus) 11504 34679 55785 55818 55847

bioatomic med. as application of isotopes to microbiol. 17515

contribution of A. A. Charukovskii (Rus) 34678

criterium of species (Rus) 55846

in Bulgaria (Cz) 26571

in Russia (Rus) 55756

in Russia, review 25119

Institute of Microbiol. of Acad. of Sciences of USSR (Rus) 33148

Pasteur Institute of Paris (Hun) 52906

role in sanitation (Rus) 3602

terminol. & nomenclature 1612

use of germfree animals & technics in detection of unknown etiol. agents 13239

***apparatus and instruments***

appar. for vacuum distillation & freeze-drying 25784

bact. & viral aerosol chamber (Rus) 34677

inexpensive, easily constructed microbiol. zone reader 1294

portable electric thermostat for microbiol. investigations in rural cond. (Rus) 11498

***education***

(Cz) 26572

## MICROCEPHALY

recessive character & localized occurrence in Swiss isolates (Ger) 23730

***complications***

congen. dent. & cranial anomalies in microcephalic ment. defectives, comparison with mongolian ment. defectives 26089

cyst of septum pellucidum, case report (Fr) 25455

***heredity***

(Ger) 34219

## MICROCOCCAL INFECTIONS

anterior eye segment, diag. & antibiotic ther. (Cz) 14827

as a modern problem 25026

aureus, postop. wound infect. 21731

botryomycosis, review & case reports 47088

enterocolitis 7264

food pois. (Sp) 8955

gyn., incidence & diag. in gyn. clinic of Helsinki 36044

hosp.-acquired, hazards to community 44270

hosp. infect., incidence & cause (Ger) 6668

in Gt. Brit. hosp. 20893

in hosp. 1208A 17568 27687 37823 54520

in hosp., epidemiol. & prev. (Ger) 54869

in hosp. personnel 27053

in hosp., relation to increased use of antibiotics & other antibact. agents 31257

in hosp., role of hosp. bed (Ger) 34534

in hosp., value of micrococcal phage typing (Ger) 34501

in hosp. wards, present-day recognition of problem (Por) 30880

in maternity hosp. 14298

in naval hosp., incidence & epidemiol. 7429

lungs (Fr) 21376

Micrococcus pyogenes aureus causing endemic pseudomembranous enterocolitis in hosp. patients 537

Micrococcus pyogenes aureus type 80 infect. in Uganda, diag. & ther. 2260

Micrococcus pyogenes infect., epidemiol., prev. & ther. (Fr) 11995

National Conference on Hosp.-Acquired Staphylococcal Dis., proposals 44269

postop. micrococcal diarrhea in adult patients in hosp. surg. wards, statist. 28983

puerperal mastitis & infect. in newborn, frequency & course in hosp. (Ger) 3941

pulm., in adults, clin. & x-ray aspects (It) 39693

purulent keratoconjunctivitis caused by Micrococcus pyogenes aureus in laboratory rats 4609

pyogenes, in hosp. 55285

pyogenic skin infect., ther. & nursing care 51577

review (Sp) 1824

septicemia, clin. & exper. study in men & mice 45

skin dis., bacteriol. principles & unusual case reports 19

***blood in***

C-reactive protein, in child. (Pol) 43671

staphylococcemia (Sp) 18849

***case reports***

agminate micrococcal folliculitis 13671

antibiotic resist. (Ser) 9942

aureus pneumonia 6437

bronchopneumonia, with necrotic tracheobronchitis, fatal (Pol) 53151

endocarditis caused by Micrococcus aureus after surg. for acquired heart dis. 52624

enterocolitis 45917

fatal colitis caused by Micrococcus pyogenes (It) 43267

lungs (Sp) 43900

pneumonia in young adults 27091

posttraum. septicemia, fatal, pathogen. & medicolegal aspects (Fr) 51140

pseudomembranous enteritis (Nor) 45411

pulm. cavitation caused by Micrococcus pyogenes, with influenza (It) 25698

septicemia with agammaglobulinemia & alymphocytemia (Fr) 51401

subacute bact. endocarditis caused by penicillin-resist. Micrococcus pyogenes, chlortetracycline ther. (It) 23753

***complications***

bacteremia with osteomyelitis, novobiocin ther., case report 34886

epiduritis, ther., case report (Fr) 6300

food pois., review 16446

pleural empyema due to Micrococcus pyogenes infect. 4493

pneumonia in adults 10433

septic thrombophlebitis caused by Micrococcus pyogenes aureus after intravenous use of polyethylene catheters for parental ther., case reports 19845

septicemia, case report (Fr) 6397

tricuspid stenosis with micrococcal endocarditis of tricuspid valve, clin. pathol. conf. 7452

***diagnosis***

assay of anti-α-hemolysin & titration of micrococcal anti-leucocidin 41610

enterotoxicosis, laboratory diag. (Ger) 23005

of postop. micrococcal enteritis 9635

***epidemiology***

antibiotic-resist. infect. in surg. patients 54774

in Australia, phage type 80 micrococcal infect. 42123

in hosp. 25036 54426

in hosp. maternity units 23940

in hosp. surg. wards 40284

in Ohio, aureus infect. 30254

increasing incidence of otolaryngol. infect. by Micrococcus pyogenes aureus 11715

***etiology and pathogenesis***

review (Fr) 25396

***experimental***

acute infect. of mice with Smith strain of Micrococcus aureus 44961

eff. of antibiotics in various combinations (Rus) 36363

eff. of benzathine penicillin G (Rus) 11476

eff. of hypersensitivity on course of infect. in rabbits 29976

eff. of penicillin on oxidation-reduction enzymes (Rus) 55296

eff. of soframycin on corneal infect. 2095

eff. of x-rays (Rus) 55759

enteritis, pseudomembranous induced by aureus infect. in chinchillas 20684

immune responses to Micrococcus aureus antigens in rabbits 5193

mastitis in goat, pathol. 17111

mechanisms of synergistic infect. by Micrococcus aureus & anaerobic streptoc. in guinea pigs & rabbits 5190

pathogenicity for mouse of micrococci isolated in man (Fr) 54610

pneumonia in radiation sickness, eff. of antibiotics (Rus) 6642

protective eff. of penicillin on mice infected with penicillin resist. & sensitive strains of Micrococcus 17430

***immunology***

anatoxin, prep. of highly purified anatoxin by chromatography on calcium phosphate (Fr) 47411

anti-alpha hemolysin titers in patients' sera, clin. evaluation 4889

antistaphylolysin titer in osteomyelitis in child. (It) 43470

α-antitoxin titer in non-pyodermic inf., child. & adults (Ger) 34087

importance of antileukocidin & antitoxin (Ger) 34084

pyogenes toxoid immun. of rabbits by oral & nasal routes 54500

thrombocyte count in eczema caused by Micrococcus pyogenes infect. after admin. of micrococcal anatoxin (Hun) 37236

***in aged***

parotitis, case reports 52606

***in infant and child***

air hyg. of obst. unit nurseries 30204

antibiotic resist. strains, in a pediatric hosp. in China, statist. 2852

aureus septicemia, in disseminated lupus erythematosus & acute anemia, clin. pathol. conf. (Sp) 37264

classif. & ther. (Ger) 32957

congenl. antibiotic-resist. (Sp) 8806

enterocolitis & bullous pulm. septicemia (Fr) 15190

gastrointestinal tract (Rus) 36981

in maternity hosp. 28995 29007

in newborn, outbreak in community hosp., control 3162

in pediatric hosp., after single antibiotic ther. (Ger) 51866

lungs (Sp) 15492

micrococcal tension pneumatocele management by intracavitary suction tube drainage 18129

Micrococcus pyogenes aureus infect., antibiotic ther. causing moniliasis, fatal case 48508

Micrococcus pyogenes infect., clin. pathol. conf. 1476

Micrococcus pyogenes septicemia, in newborn, with herpes simplex 35351

oleandomycin in prev. & ther. 28894

otolaryngol. dis. in hosp. (Ger) 11135

outbreak in hosp. nursery 165

pleuropulm., causing suffocating pyopneumothorax (It) 6803

pleuropulm. infect., develop. of immun. during dis. (Fr) 53017

pleuro-pulm. Micrococcus pyogenes infect. in inf., ther. (Fr) 54453

pneumonia, diag. & ther. (Nor) 54973

pneumonia due to Micrococcus pyogenes aureus infect. 4444

pneumonia in young inf., case reports (Sp) 44535

pneumonia, primary 47224

pneumonia with tension pneumothorax 54702

pneumonia, x-ray diag. (Pol) 30714

pneumothorax & pyopneumothorax in Czech. (Cz) 30318

pyogenes aureus septicemia causing acute hematogenous osteomyelitis with thrombophlebitis, case report 10691

pyogenes infect. in hospitalized inf. under two months of age, pathogen. & case reports (It) 18491

pyogenes var. aureus septicemia causing myocardial infarct & heart aneurysm in 10-year-old girl (Fr) 18613

relation to pathogen. of ectodermosis erosive pluriorificielle (Ger) 4028

sepsis as cause of death in severe burns 16052

septicemia, compl. 8115

septicopyemia, ther., combination oleandomycin & tetracycline, case report (Sp) 3332

staphyloderma in newborn (Rus) 22490

ther., kanamycin in newborn inf. epidemic in hosp. 25032

ther. management by rotation of antibiotics in prev. of develop. of bact. resist. (Sp) 21115

ther., novobiocin 13330

ther., novobiocin (Sp) 43909

ther., streptodornase & streptokinase in purulent infect. (Cz) 14050

type-80 epidemic among inf. in maternity hosp. 28996

***in pregnancy***

maternal vaginitis causing postpartum compl. & micrococcal infect. in newborn inf. (Fr) 44643

pneumonia in puerperal infect., case report (Pol) 8064

puerperal sepsis with pleuropulm. compl., case report (Sp) 21108

pyogenes, postpartum, causing maternal death 43336

*pathology*

postmortem findings 18761

*prevention and control*

erythromycin in endemic micrococcal infect. in large private hosp. nursery 1285

in hosp. 1483 7496 7497 10143 16193 16259 48287

in hosp., recommendations of Amer. Hosp. Assoc. Committee on Infect. Within Hosp. 3665

problems 17670

vacc. in prev. of puerperal infect. (Cz) 26564

*therapy*

antibiotics & surg. drainage of hosp.-acquired infect. 23398

antibiotics, comparative sensitivity of skin Micrococcus pyogenes 2868

antibiotics in Micrococcus pyogenes infect. 29248 49649

antibiotics in septicemia caused by Micrococcus pyogenes (Hun) 7711

antibiotics, mechanism of action on micrococcal flora of hosp. patients 1162

antibiotics, principles of use 35892

chloramphenicol, erythromycin & novobiocin resist., eff. of antibiotic combinations on emergence of resist. strains in hosp. 26122

combined antibiotic ther. in serious infect. caused by drug-resistant Micrococcus pyogenes 46438

erythromycin, combined with oleandomycin (Fr) 54466

kanamycin 19828

management of antibiotic-resist. skin infect. 38832

novobiocin in micrococcal endocarditis 18086

postop. septicemia after mitral commissurotomy caused by antibiotic-resist. strain, vancomycin ther. 5412

ristocetin, clin. appraisal 14704

ristocetin in micrococcal endocarditis 16617

ristiestin in micrococcal sepsis with bacteremia, failure 30111

staphylodermia, staphylococcal autovacc. (Ger) 3216

streptomycin, paradoxical cure in bullous dermatitis with septicemia caused by streptomycin-resistant Micrococcus pyogenes aureus strain (Hun) 37245

tetracycline, postop. local admin. in thoracic surg. (Ger) 32958

vancomycin in puerperal septicemia resist. to other antibiotics 26132

*transmission*

fecal & nasal carriers in hosp. med. ward 12275

in hosp. inf. wards, umbilical cord as reservoir of infect. 48171

in hosp., role of vacuum cleaners in transm. of airborne & dustborne Micrococcus pyogenes 50187

nasal carriage of Micrococcus pyogenes aureus by nurses 5647

nasal carrier rate in staff & patients of maternity hosp. 19933

perineal carriage of Micrococcus pyogenes aureus 46299

**MICROCOCCUS**

laboratory identification & classif. 24448

phage types, eff. of loss of prophage & induced lysogenicity (Fr) 34498

*culture*

cord-inducing factor in cultures of Micrococcus epidermidis 50349

elective media for isolation of Micrococci from mixed flora (Ger) 46277

lysodeikticus develop. in vitro, eff. of amniotic fluid (It) 42565

lysodeikticus, influence of pH of external medium on intracellular pH, study by titration with HCl 37105

medium for differentiation of acid-producing colonies 16888

*effect of drugs on*

antibiotics, relation of resist. to phage type of pathogenic micrococci (Ger) 34500

*metabolism*

arginine degradation 4725

lysine pooling by intact cells & protoplasts of Micrococcus lysodeikticus 4717

lysine total uptake by intact cells, protoplasts & cell walls of Micrococcus lysodeikticus 4718

lysodeikticus, cytochrome b, solubility 19521

lysodeikticus, determ. of free nucleotide content during stationary phase (Fr) 26294

ninhydrin-positive amino acids in cell wall hydrolyzates of Micrococcus lactilyticus 50346

oxidation of organic acids by Micrococcus rubens (Ger) 25320

**MICROCOCCUS PYOGENES**

anatoxins prep. on meat & casein media (Rus) 34648

antibiotic-resist. strains, eff. of hospitalization on nasal carrier rate in patients 11628

antitoxin of natural origin in man, simultaneous presence of antistreptolysin (Fr) 3039

aureus, agglut. & serol. type (Ger) 34052

aureus growth in cornstarch pudding, relation to cooling rate 16554

aureus in food, rapid detection test, diag. value in food pois. 47625

aureus in human feces, incidence, isolation & eff. of various drugs (Tur) 45446

aureus, operating suite distribution 47585

aureus, standard. of phage typing (Ger) 34499

aureus, survival during modern domestic laundering technics 7035

aureus type classif., comparison of phage-typing with serol. typing 40890

aureus, type differentiation by serol. methods & phage typing, taxonomic problems & need for standardization (Ger) 23004

aureus, variation of bound coagulase 50340

classif. of oral strains 36984

coagulase, mechanism of action, review 2073

coagulase test for blood coagulation factor using standardized lyophilized human plasma 41036

delta lysin, isolation & properties (Cz) 14802

eff. of subzero temperatures (It) 13925

enterotoxin, eff. in mice after various routes of admin. (Ger) 34480

factors determining pathogenicity, review 25129

fate of bact. introduced into peritoneal cavity of normal guinea pig (Fr) 26888

in potato & turkey salads, eff. of pH 40247

isolation from hosp. staff members (Ser) 27873

lysogenic strains (Fr) 15153

mixtures of coagulase-positive Micrococcus pyogenes & strain variation in specimens from clin. sources 50726

pathogenic, in digestive tract of healthy persons (Ger) 25217

pathogenicity of strains in relation to biochem. properties & phage types (It) 9363

phage typing, antibiotic-sensitivity patterns & virulence factors 13345

phage typing, diag. significance (Cz) 26563

stability & gram-staining properties, changes after treatment with various basic proteins (It) 13952

staphylocoagulase, prep. of pure prep. (Pol) 29511

staphylocoagulase, purification 13710

strains isolated from chronic tonsillitis patients (It) 30686

toxin, diffusion precipitation (Rus) 55781

toxin, eff. on lung of rabbit, histopathol. 12466

toxin eff. on mice, protection by bee & snake venoms containing phosphatidase A 29836

toxin, inducing higher nerv. activity disord., eff. of penicillin (Rus) 36406

*culture*

comparative value of selective media (Pol) 43632

detection & isolation of pathogenic strains on tellurite-glycine agar medium 22142

develop. in vitro, eff. of amniotic fluid (It) 42565

eff. of temperature on growth & response to antibiotics (Rus) 36368

prod. of opalescence by micrococci in egg yolk medium, as index to bacteriophage typability 12274

with dermatophytes, eff. on fungal growth (It) 21002

*effect of drugs on*

p-acetylamino-o,β-dinitrostyrene & deriv. in vitro (It) 48098

antibiotics, biochem. changes in resist. strains (Pol) 29499

antibiotics, correlate sensitivity of 324 strains to 14 antibiotics (Fr) 26955

antibiotics, cross-resist. & sensitivity (Rus) 36361

antibiotics, determ. of sensitivity by Difco disk technic (Indonesian) 41968

antibiotics in fixed combinations 13346

antibiotics, in vitro sensitivity of various aureus strains (It) 42804

antibiotics on Micrococcus pyogenes aureus, phage types of resistant & sensitive strains (Ger) 34510

antibiotic resist. of strains isolated in hosp. (It) 25708

antibiotic resist. of various strains (It) 9364

antibiotic resist., review 6267

antibiotics, sensitivity of 468 aureus strains isolated in hosp. (It) 7735

aureus, d-cycloserine & its racemate (Ger) 55487

aureus, inhib. of coagulase by Congo red 54697

benzalkonium chloride, alkyl- & aryl-phenol prep., [N-methylpyridinium α-(2-caprylaminoethyl)acetate chloride] iodine complex & wescodyne, on antibiotic sensitive & resist. strains 54706

chloramphenicol & tetracyclines, comparison of sensitivity 16402

chloramphenicol, protein synthesis as basis for resist. in aureus strains 7248

colimycin with penicillin on penicillin-resist. strains (It) 52045

diethylstilbestrol as microbiol. assay for cattle feed supplements 13348

erythromycin & oleadomycin on coagulase-positive hosp. micrococci, cross-resist. 1280

erythromycin assoc. with penicillin-streptomycin-chloramphenicol & oxytetracycline, interaction (It) 23758

Eucalyptus decoction, on oxygen requirement & succinic dehydrogenase metab. (Uk) 29553

nicotinic acid nitriles & -oximes as growth factors (Ger) 46173

novobiocin, oleandomycin & ristocetin, resist. 36345

penicillin, adaptation (Bul) 26715

penicillin, disassoc. in large & small colonies in varying degrees of resist. (Ger) 23148

penicillin, sensitivity determ., problems 32366

streptovaricin C on Micrococcus pyogenes aureus, develop. of resist. 50337

synnematin binding, comparison with penicillin binding 16877

virulence after storage in contact with penicillin & streptomycin (Fr) 21308

*effect of radiations on*

radiation by secondary cascade showers on oxygen uptake 34484

*immunology*

anatoxin immunizing activity in rabbits, eff. of treatment with phosphorylated hesperidin (Fr) 48883

antigen inject. into rabbits causing prod. of specific antitoxin (Fr) 21309

antistaphylolysin in blood in various rheum. dis. (It) 31763

antistaphylolysin in newborn inf., transplacental passage (It) 20215

δ-hemolysin, factors influencing its activity 2557

β-hemolysin, factors influencing its activity 2562

δ-hemolysin, purification & properties 2559

new antigen for pathogenic strains (Ger) 55492

*metabolism*

adenine incorporation into disrupted cells 1656

amino acid content of hydrolysates from cell wall of Micrococcus aureus 209P 19808

amino acid incorporation by disrupted micrococcal cells 7245

amino acid incorporation into disrupted cells, prep. & activities of incorporation factor 1655

aureus & albus coagulase activity, correlation with desoxyribonuclease activity, modified agar-plate method of determ. 6515

aureus, binding of 8-hydroxyquinoline & iron 41315

aureus, detection of new aminoacetone-like metabolite of threonine oxidation 1704

aureus phosphatase activity, relation to penicillin-resist. (Ger) 34481

coagulases, review (Pol) 53205

desoxyribonuclease of aureus strains as basis for differentiation of species (It) 53780

enzyme-bound hemin form. from protohemin in hemin-requiring mutant of Micrococcus pyogenes aureus (Ger) 47926

phosphodiesterase from Micrococcus pyogenes aureus, eff. on tobacco mosaic virus nucleic acid 29819

*MICROFILARIA see* FILARIOIDEA



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

**MICROMONOSPORA**

*metabolism*

biotin & methionine requirements of Micromonospora vulgaris, defined culture medium 17314

**MICROORGANISMS**

*see also* **BACTERIA**

*see also* **FUNGI**

*see also* **VIRUSES**

*see also* **YEASTS**

actinomycetes isolated from littoral sediments & materials suspended in sea water, growth characteristics & antibiotic prod. 28210

airborne, technics for study of survival 17395

antimicrobial plant components, review (Ger) 32307

auxotrophic variants as models for study of biol. problems, review (Rus) 33492

causing allergic skin dis., classif. (Ger) 24914

collection of air-borne microorganisms with slit-incubator sampler, design & evaluation 25158

concentration determ. in suspensions, one-point-probability range (Ger) 34521

eff. of microbial products on motility of human spermatozoa 16400

growth in vivo, relation between dose & latent period in mice 17392

hematoxylin staining mountant for microorganisms 32619

immobilization & agglutination, relation of blood platelets (Fr) 9177

in air, new sampler for collection, sizing & enumeration 28212

in ocean, at North Pole (Rus) 33161

in soil, eff. of salting (Rus) 33159

in soil, microbial assoc., review (Rus) 33155

in soil, periodicity of microbial processes (Rus) 33158

in water, role in calcium carbonate precipitation (Rus) 33160

inter-species & intra-species relationships, review (Rus) 34643

living nannoplankton, exam. with inverse microscope, technic (Ger) 42460

luminescence microscopy, review (Rus) 33151

microbiol. flora of man (Ger) 34514

new endoparasitic microorganism from gecko (Ger) 46257

penetration through skin (Rus) 48043

plankton as food for fish, animals & humans 8268

preserv. by lyophilization, review (Sp) 31861

pumping device for mechanical rupt. of microorganisms mixed with glass beads 50341

simple method for separating leptospirae from contaminating microorganisms 40458

strains used for biol. titration of antibiotics, inhib. eff. of human sera (Pol) 29517

systems & evolution, review (Rus) 33150

technics for in vivo studies on metab. of intestinal flora in domestic fowls 20917

types found in edible sea molluscs in Cagliari (It) 43261

wholesale pois. of fish by marine organisms 9614

*culture*

adaptation of medium to requirements, review (Rus) 33152

isolation of oral filamentous microorganism 4719

*effect of drugs on*

antibiotics, determ. of sensitivity of anaerobic organisms in vitro, culture methods (It) 43265

benzimidazole & its deriv. causing inhib. of growth 31413

DDT on aquatic species of rotifers 2558

6-ethyl-8-mercaptooctanoic acid & thioctic acid analogues, inhib. of growth 40452

resist., develop. (Ger) 39082

L-tryptophan esters 52397

vitamin B1 & deriv. (It) 53831

*metabolism*

6-O-acetyl-D-glucopyranose & other monoacetyl-sugars in soil microorganisms 25878

1-(o-carboxyphenylamino)-1-desoxyfructose as intermediate in biosynthesis of tryptophan by microorganisms (Ger) 47978

measurement of redox potential & rH, simple method 32284

nutritional requirements, review 25115

pectinolysis in soil (Fr) 15084

proteins, review (Rus) 33166

purines, review (Uk) 29556

synthesis of volatile organic acids by organic decomposition in methane tanks (Rus) 19128

2,3,5-triphenyltetrazolium chloride reduction by microorganisms of various family strains (Ger) 55502

steroids, enzymes & enzymic transform., review 35559

wax esterase activity of various microorganisms, comparison 44137

**MICROSCOPY**

artifacts caused by residue in volatile organic fixatives (Ger) 11345

cytophotometry by silver analysis of photomicrographs, review 23579

determ. of birefringence during microscopy in polarized light, statist. (It) 55609

diffraction anomaly in polarizing microscopes 52315

diffraction images in polarizing microscope 50993

entomol., modified determinator (Ger) 51943

fluorescence, in blood counting, technic with counting chamber with fluorescent-free grid (Ger) 55613

fluorescence, in new rapid method for diag. of vaginal & cervical neoplasms 14738

fluorescence microscopy in early diag. of cancer, technic (Sp) 31860

incident light microscopy of live specimens, technic (Ger) 55607

microscope interferometry in determ. of mass & concentration of cells & tissue elements 3762

photomicrography, review 16937

polarized light method in exam. of nerve ultrastructure (It) 29632

polarizing microscope in micro identification of drugs (Fr) 1060

projection microscope for neutron dosimetry 49863

refractive index of histol. tissue sections in visible & in ultraviolet light 3510

surface finish interference microscopy of biol. objects 3518

thermomicroscopic technic for highly volatile organic substances (Ger) 42454

*apparatus and instruments*

illuminated stand for sketching while using microscope (Fr) 1043

improvised microprojector (Ser) 51704

inverted microscope, hist. & uses 6762

microfluoroscope for direct-viewing of biol. specimens 21691

microprojection appar. with xenon lamp (Ger) 42455

operating microscope 4096

plastic supercondenser (Rus) 37193

simple monochromator for ultraviolet microscopy 27416

solid-image microscope 29862, 52443

suppression filter drawer for easy insertion & interchange of filters during fluorescence microscopy (Ger) 55614

*history*

in Middle Ages (Ger) 19423

**MICROSCOPY, ELECTRON**

21733

double-evaporation carbon replica technic 51942

eff. of electron bombardment on sodium tetraborate & boric acid in electron microscope 29807

hypothermia in prep. of tissues for electron microscopy 32628

in biol., review 29854

in counting of vaccinia virus particles in crude extracts of infected tissues 31418

measurement of breadth of rod-shaped organisms in electron micrographs (Ger) 23074

method for selection & prep. of selected areas (Ger) 11344

method of preparing individual cells for exam. 5904

of action of ethereal horseradish oils on M. tuberc. (Ger) 55491

of adenylpyrophosphatase & 5-nucleotidase localization in plasma membrane of rat liver cells 40583

of adenylpyrophosphatase localization in cell membranes of kidney tubule cells 40591

of adipose cell of leech Glossiphonia complanata 16956

of alveolar macrophages of lung, pathol. of cytosomes (Ger) 25815

of amyloid deposits in kidney in secondary amyloidosis 28953

of aortic elastin in aged (It) 36808

of apoferritin saturated with iron (Fr) 44628

of autonomic ganglia 21730

of avian erythroblastic leukemia virus (Fr) 5905

of axostyle of Leptospira 33145

of bacteriophage of Salmonella typhimurium of various degrees of virulence (Rus) 55835

of bandicoot spermatozoon tail 53493

of basement membrane of cervical epithelia 12396

of biliary thorotrast in mice (Fr) 48893

of biopsy material from nephrotic synd. (Dan) 33392

of Bizzozero's nodules in Triton (It) 1865

of blood capillary wall in exocrine pancreas of mouse, review (Ger) 35020

of bronchial collagen fibrils in bronchiectasis (It) 21003

of brown adipose tissue in newborn mouse & rat 40579

of cancer cells (Fr) 30269

of capillaries (Ger) 15429

of capsule of spinal ganglion cells in rabbits 16783

of cartilage fibrils in rheum. arthritis (Ger) 11295

of cell membranes, determ. of mass thickness from micrographs 19813

of cell walls of alga Platymonas subcordiformis 5088

of cell wall structure of Chlorella pyrenoidosa 25863

of cellular ultrastructural components, technics for ultrathin sectioning 10258

of centriole, Golgi's bodies & aster of leukocytes (Fr) 21302

of changes of fibrous network of uterine mucosa during pregn. & menstrual cycle (Ger) 47635

of chem. reactivity in keratin cuticle 19695

of chromoplasts of fruit of Capsicum annuum 5911

of ciliary coordination in Protozoa 15713

of ciliary develop. in cells of neural canal of chick embryos 55623

of ciliary epithelium & acinule changes induced by alteration of normal aqueous humor form in rabbit 24575

of ciliary structure of sea-worm larva (Fr) 54313

of ciliate Opalina ranarum (Fr) 48812

of ciliate Stentor polymorphus, relation to funct. 40596

of ciliature of trochophore larva 42997

of collagen fibrils (Ger) 23087

of collagen fibril destruction by hyaluronidase (Ger) 12060

of collagen in dent. cementum 7213

of collagen structure 9585

of complex capsule structure of Bacillus megatherium (Ger) 32299

of compound eyes of fly Calliphora vicina (Ger) 51947

of connective tissue of lungs, mesenteries & omentum in rats (Ger) 25819

of Corti's organ & vestibular sensory epithelia, review 15706

of cranial meninges of rat 482

of cuticle in nematodes (Rus) 25919

of desoxyribonucleic acid 3506

of desoxyribonucleic acid in vegetative & mature E. coli phages, comparison with normal bact. nucleoids in various physiol. states 40577

of dust & other foreign substances in lung, review (Ger) 27374

of E. coli bacilliform bacteriophage (Ger) 23146

of eff. of x-irradiation on rat liver cells (It) 53754

of Ehrlich ascites tumor cell nuclei in mice (Ger) 23061

of electric organ of Torpedo (It) 53819

of electric organ of various fish 15689

of endoplasmic reticulum in human fetal adrenal glands 16963

of epidermoid cancer of cervix (Ger) 30270

of equine abortion virus 20739

of erythrocytes in Marchiafava-Micheli dis. (It) 53812

of exper. & human ascites tumors cells, comparison 26466

of exper. myocardial infarct in rats 14993

of exudate from periodontal pockets 4409

of fibrillar structure of exper. silicotic granuloma (It) 1963

of filamentous forms of influenza viruses 49380

of flagellae of Proteus vulgaris L-phase induced by penicillin (Ger) 46252

of form. of ring net structures in microfibril lamellae during drying of cellulose (Ger) 6761

of Fujinami's myxosarcoma in chickens (Fr) 2322

of glomerular lesions in diabetes mellitus 51034

of glomeruli in percutaneous renal biopsy (Dan) 33391

of heart nerves 15715

of heart nerves in guinea pigs & rabbits 13261

of hemadsorp. in tissue cultures infected with influenza virus 45830

of hepatic cell, physiopathol. (Fr) 2295

of herpes virus cultured on HeLa cells 17299

of horse ferritin-rabbit ferritin antigen-antibody complex 40067

of impulse conducting system of sheep heart 55631

of interrelationship of cells in human epidermis 16945

of intranuclear granules of epidermal cells of newborn rats (Fr) 26733

of intranuclear inclusion bodies (Ger) 33524

of invasion, infect. & lysis of Bacillus megatherium by homologous phage (It) 31726

of iron in tissue, review (Ger) 27373

of island of Langerhans cells in alloxan-treated rabbits 34955

of islands of Langerhans in rats (Ger) 15625

of kidney cells in chronic kidney dis. in child., correlation of morphol. characteristics with clin. findings 167

of kidney glomerulus, composition of intercapillary tissue & capillary loop basement membrane 701

of kidneys in exper. serum sickness nephritis in rabbits 28330

of kidney in proteinuria 47082

of kinetic appar. of sperm cells in various animal species 34438

of kinetosomes of ciliate protozoa Ophrydium versatile (Fr) 5902

of lens epithelium in guinea pig, monkey, rabbit & rat 11702

of leproma cells & Mycobacterium leprae, ultra-thin section 16351

of Leptospira celledoni (It) 53808

of light receptors in compound eyes of insects 15714

of lungs in asphyxiated & resuscitated guinea pigs (Ger) 55365

of M. tuberc., opaque corpuscles (Fr) 26786

of mechanism of pain in angina pectoris 15716

of melanin in feather of normal & albino zebra-parrapeet (Ger) 6760

of melanocyte of human epidermis after osmium tetroxide & potassium permanganate fixation 40578

of meningopneumonitis virus exposed to penicillin 50329

of mitochondria form. 3496

of mitochondrial changes of adrenal cortex in normal hamsters 16966

of mitosis, persistence of spindle structures during mitotic intervals, review (Fr) 21301

of Mycobacterium leprae murium in ultra-thin sections of murine leprosy lesions 50027

of myelination mechanisms of CNS in young rats & cats 16962

of nephrosis induced by 6-dimethylaminopurine-3-amino-d-ribose in rats 40817

of neurohypophyseal capillaries & neurosecretory vesicles in normal & histamine-treated rats 34421

of neurons, nerve fibers, neuroglia & ganglial sheaths in cockroach 40586

of non-fibrillar components of frog striated musc. 37812

of normal & pathol. tissue (Fr) 38819

of nuclear envelope of carcinoma cells 19626

of nuclear ultrastructure of human spermatozoa (Ger) 39708

of nucleoids of actively growing bact. (Fr) 34235

of organic matrix of enamel & dentin 55429

of organic matrix of enamel & dentin (Ger) 42453

of paired fibrous structure in Mycobact. avium cells lysed by mycobacteriophage 13819

of pancreas of guinea pig before & after treatment with cobaltous chloride 3354

of parathyroid, normal & activated, of rat 17225

of Pasteurella pestis in infected hog blood (Rus) 22698

of pellicle in contact area of conjugating Tetrahymena pyriformis 40600

of periosteal osteogenesis in rats (Ger) 34432

of placental capillary pericytes & smooth musc. cells (Fr) 7761

of Plasmodium malariae feeding (Pol) 33762

of Pneumocystis carinii develop. cycle in rat (Ger) 33540

of polio. virus particles, macrocrystalline patterns 5909

of post-synaptic membrane at motor end-plates & ganglionic synapses 15696

of protein metab. in mitochondrial damage (Rus) 55300

of pulm. alveolar macrophages in mouse tissue 40580

of pulm. alveolar tissue cells, eff. of colloidal gold aerosols in mice, (Fr) 9500

of pulm. capillaries in pulm. edema (Ger) 6669

of purine globules in optic gland of octopus (It) 48128

of radiation eff. on cytomorphol. of liver, spleen & kidneys in mice (Ger) 9976

of rat pancreas after glucagon admin. 49173

of RE system 13229

of renal glomerulus of goldfish 25775

of retinal cones in rabbit 40587

of retinal structure of cephalopods 40599

of retraction mechanism & changes of thrombocytes & fibrin coagulum during course of blood coagulation (Ger) 53072

of reversible glomerular lesions in nephrotic synd. 13155

of Rhizobium leguminosarum (Ger) 11272

of Rickettsia mooseri & prowazekii after prolonged cultivation in body louse (Rus) 11500

of rods & cones in retina from bird 5903

of Rous sarcoma virus prep. 25990

of Saccharomyces cerevisiae (Fr) 48844

of Saccharomyces cerevisiae ascospores during rest & germination 16880

of Sarcocystis tenella (Ger) 46233

of sex chromatin in placenta & fetal membranes (Ger) 27701

of sinus gland of land crab Gecarcinus lateralis 16951

of skeletal & cardiac musc. fibers, review (It) 53800

of skin (Ger) 46646

of smooth musc. of uterus in pregn. rabbit 16957

of spermatozoa ultrastructure 23981

of splenic nerve unmyelinated fibers in cat 5913

of starch products in milk prep. for inf. (Ger) 42863

of Sternberg-Reed cells 13234

of structural develop. of pollen grain walls of diploid & tetraploid Saintpaulia ionantha varieties 39272

of structure of aluminum hydroxide gel of Schmidt 15661

of surface configuration of spores of Bacillus 40449

of surface structure & flagella of Spirillum cohnii & sinosum (Ger) 46240

of surface ultrastructure of normal & leukemic rat lymphocytes 26457

of synapses of medulla, cerebellar cortex & posterior pituitary in rat 15695

of synapses of superior cervical ganglion in rabbit 15698

of synaptic vesicles in frog 15688

of synaptic vesicles in rabbit 15699

of T2 bacteriophages with different sedimentation rates depending on pH 22610

of tapetum lucidum of kitten eye 5908

of tendon fibrils, comparative anat. in vertebrates (Ger) 34432

of thrombocytes in normal & thrombopathic patients (Ger) 22228

of tissues (Fin) 27278

of tissue sections after staining with lead & barium solutions 40585

of tobacco mosaic virus, intracellular localization in leaf 40597

of trachoma inclusion bodies 10859

of transform. of iron complexes into ferritin & hemosiderin 50533

of Trichophyton mentagrophytes after ultrasonic irradiation 38873

of typical & atypical spermatogenesis in pond snail 16959

of ultrastructure of E. coli 23782

of ultrastructure of fertilized unsegmented sea urchin egg, correlation with cytochem. localizations 16952

of ultrastructure of nucleoli in mice & Drosophilid flies 34408

of ultra-thin sections of leprous peripheral nerves 46653

of unmedullated fibers of skin nerves & olfactory nerves 15680

of uterine epithelium in castrated & estrus mice 5910

of vaccinia virus after purification with 1, 1, 2-trichloro-1, 2, 2-trifluoroethane 14094

of viruses 6269

of wall of hepatic sinusoids 55624

osmium suboxide increase of density of biol. specimens in electron microscopy 16953

prep. & sectioning of tissues embedded in araldite for electron microscope exam. 52437

preparatory x-ray diffraction & polarized light research in study of nerve histol. 15681

specimen embedding in gelatin for ultrathin sectioning 5907

specimen prep. & importance in pathol. (Fr) 2294

technic for direct dialysis of drop-form prep. (Ger) 51941

technic for silver impregnation of tissue sections 40601

transfocal photography with model 1940 electron microscope (Ger) 55612

use in biol., limitations & possibilities (Por) 42201

with preliminary fixation of substance 17380

***apparatus and instruments***

graph for obtaining data for shadow-casting of specimens (Ger) 51946

2-lens permanent-magnetic system for secondary magnification for reflecting electron microscopes (Ger) 55611

**MICROSCOPY, PHASE**

combined arrangement of phase & fluorescent microscopy in cytol. exam. of exudates in serous cavities (Ger) 46146

high speed flash photography with phase microscope, simplified technic 16939

luxol brilliant green BL as nuclear stain for phase-contrast microscopy 32629

of fungi, comparison with bright field microscopy (Ger) 3224

of Golgi body structure & develop. in plasma & other blood cells 24113

**MICROSPORUM**

***see also*** **RINGWORM**

gypseum, eff. of mono- & disaccharides on oxygen consumption (Ger) 3983

gypseum, in Brit. soils 52335

***infections***

canis & gypseum in child. (Ger) 38877

gypseum infect., clin. & mycol. studies (Fr) 52280

in child., combined ther. (Ger) 3228

**MICROTOMES**

diamond knife holder for microtomes designed to take glass knives 16946

glass knives (Rus) 47992

new knife edge position on ultrathin section microtome (Ger) 42456

sledge microtome conversion into knife sharpening device (Hun) 41643

transformation of sliding microtome into sharpening appar. for microtome knife (Ger) 23127

ultramicrotome, description (Ger) 11343

***MIDBRAIN*** ***see*** **MESENCEPHALON**

***MIDDLE LOBE SYNDROME*** ***see*** **ATELECTASIS**

**MIDWIVES**

contribution of William Smellie to midwifery 35744

duties in Lewis County, Kentucky 52784

midwifery bag 4834

need for nurse-midwives in Amer. obst. 7620

**MIGRAINE**

abdom., relation to gastric emptying time 31252

diag. & ther. (Sp) 29380

etiopathogen. & ther. (Por) 21080

in aviators, in U.S. Air Force, etiol., compl., diag. & ther. 55881

relation to Raeder's paratrigeminal synd. 37815

review 29269

***cerebrospinal fluid in***

acetylcholine, role in mechanism of pain 46441

***differential diagnosis***

dorso-occipital epilepsy, color vision in borderline cases (Ger) 52554

52565

vasomotor headache (Ger) 15321

***etiology and pathogenesis***

vasc. origin 17767

*in aged*

aberrant types 3790

*in infant and child*

with seizure states 39163

*manifestations*

atypical forms 17612

*physiology*

correlation of scotoma of migraine with spreading depression of Leão 27326

*therapy*

dihydroergotamine, prev. ther. 20593

ergotamine tartrate causing bilateral thrombophlebitis of legs 26148

ergotamine tartrate, causing ischemia of lower extremities (Fr) 2474

*MIGRANTS see* TRANSIENTS AND MIGRANTS

MIKULICZ' DISEASE

*case reports*

(Rus) 51226

*in infant and child*

with bilateral polycystic dis. of lungs, case report 50610

*pathology*

relation to Sjoegren synd. (Ch) 38383

MILIARIA

*therapy*

doocin, effectiveness in tropical cond. 48396

*MILIBIS see* BISMUTH-ARSENIC COMPOUNDS

*MILITARY AND NAVAL MEDICINE see* MEDICINE MILITARY AND NAVAL

MILK

*see also* BUTTER

*see also* ICE CREAM

antibiotic determ. in multiple silhouette on impregnated filter paper (Sp) 29541

antituberc. factors of milk 19564

buffalo milk, nutritional value in inf. feeding 4215

calcium & strontium content, review 20026

carotene & vitamin A in cow's milk, annual variations (Cz) 48623

α-casein, α-lactalbumin & β-lactoglobulin, allergenicity 7869

cation-exchange resin-treated milk in inf. nutrition (Rus) 33493

enzyme content, determ. & comparison with content in udder lymph & in blood from udder veins 49303

enzyme-treated whole milk in inf. feeding 5395

goat milk, vitamin C content, eff. of normal, mixed & citrus fruit diets (It) 25640

goitrogens in milk, comparison of milk from cows fed kale & hay fodder 17232

lactaria in Brazil (Por) 13608

milk bank operation under soc. welfare in Cuba (Sp) 21123

milk fat, origin, recent research 53478

nutritional value of humana milk for newborn & nursing inf. (It) 20222

physical forces & differential pressure in mechanical milking systems, method for graphic measurement 16778

powdered, protein efficiency in rolled-dried & spray-dried milk powders, comparison & relation to in vitro lysine availability 13392

precursors of milk proteins in blood, review 53475

protein content, determ. by electrophoresis & fractionation, comparison with human & humanized milk (Ger) 13088

proteins, immunochem. comparison with blood & colostrum proteins (Cz) 38330

proteins in dried & fresh skim milk, comparison of concentration & biol. value (Ger) 23063

radioactive contamination after uranium fire in reactor at Windscale, England 53656

radioactivity due to fission products in milk 42952

radioactivity from fallout (Ger) 14410

radioactivity of cesium, gamma rays & potassium, statist. 21681

radioestrontium content, determ. & relation to atomic fallout 6995

specificity of agglutinins 19551

starch products in milk prep. for inf., electron microscopy (Ger) 42863

synthesis of lactose & other milk constituents after glycerol inject. into cows 40474

U. S. communities complying with U. S. Pub. Health milk sanitation regulations 8457

vitamin A content of milk mixtures (Ger) 30632

vitaminized milk in inf. nutrition (Ger) 22830

*effects*

acidification of urine in inf. fed whole cow's milk, comparison with inf. fed human milk 43521

allergenicity of cow's milk & protein fractions, eff. of heat treatment, oral sensitization in guinea pigs 20253

allergenicity of cow's milk & protein fractions, eff. of heat treatment, parenteral sensitization in guinea pigs 20252

growth of young rats fed milk of mothers receiving isonicotinic acid isomers in absence & presence of dietary vitamin B6 (Rus) 22674

on 2,3 butanediol form. in Serratia marcescens cultures 4348

powdered milk-Lactobacillus prep., eff. on fecal flora in normal adults (Ger) 46269

preprandial ingestion of cream on appetite (Fr) 24878

*injurious effects*

cow's milk allergy in inf. & child. 28029

dried skim milk powder causing liver necrosis in rats (Ger) 34237

non-fat milk powder induction of liver necrosis in rats, eff. of sodium selenite (Ger) 46184

*microbiology*

bacteriol. tests, value of preliminary incubation 2585

E. coli & other bact., detection with cardboard disks & membrane filter (Ger) 34504

Enterobacteriaceae, determ. by phage titer growth method (Rus) 55807

hyg. control in France, organiz., methods & results (Fr) 26353

hyg., domestic handling & storing by housewife in Gt. Brit. 18063

inspection of sterilized milk in Italy, methods (It) 43263

M. tuberc., incidence in Hungary & detection methods (Hun) 19749

new medium for determ. of bact. content (It) 54243

pathogenic bact. & viruses, survival & methods of sterilization, review (Fr) 26352

pathogenic microorganisms (Fr) 26351

primary tuberc. caused by contaminated milk (Ger) 44946

sanitary problems & regulations in Turkey (Tur) 45452

Streptoc. agalactiae activity on casein of heat-sterilized milk 25160

tick-borne encephalitis virus, excretion in milk of exper. infected cows 24215

*therapeutic use*

honey-milk prep. in premature inf. anemia (Ger) 41595

sodium sulfate-supplemented milk in ther. of idiopathic hypercalcemia in inf. 7875

vitamin C fortified milk in prev. of scurvy 48512

MILK, HUMAN

*see also* COLOSTRUM

antibact. & antitoxic antibodies, specificity & comparison with maternal blood & umbilical cord blood 43517

antibiotics, after oral admin. in puerperium (Ger) 41723

donor centers, determ. of milk quality & hyg. evaluation of storage cond. (Rus) 43556

fat & protein content, correlation 19478

novobiocin in breast milk of lactating mothers after oral admin. 13330

nutritive value during 1st week of lactation (Cz) 14851

preserv. by freeze drying, review (Ger) 36429

protein content, determ. by electrophoresis & fractionation, comparison with cow's milk & humanized milk (Ger) 13086

proteins, immunoelectrophoresis (Ger) 54344

raw & sterilized milk, eff. of vacuum drying (Ger) 18278

vitamin content, relation to maternal socioecon. status 41261

*effects*

acidification of urine, comparison with inf. fed whole cow's milk 43521

comparative eff. of boiled & raw milk on fecal flora of premature inf. in hosp. environment (Ger) 34115

fresh & pasteurized, on nitrogen retention in inf. 30429

*MILKER'S NODES see* VIRUS DISEASES

*MILLIPEDES see* CENTIPEDES AND MILLIPEDES

*MILONTIN see* ANTICONVULSANTS

*MILTOWN see* MEPROBAMATE

MINERAL OIL

determ. of heat stability, technic 40362

factor in alfalfa counteracting growth retardation & other toxic manifest. of mineral oil in rat & mouse 17813

MINERAL WATER

contamination during manufacture, hyg. factors (Ger) 36426

hyg. of manufacture, legal public health aspects (Ger) 36427

in So. Vietnam springs (Fr) 13096

mineral springs, analysis of waters of Laborés, Adamaoua, Fr. Cameroons (Fr) 51516

*effects*

Glauber & bitter salt waters, on intestinal flora (Ger) 15463

Ilidža water, antiphlogistic eff. in animals (Ser) 51689

Nürtingen spring on gall bladder musc., cholecystography (Ger) 51801

on bile secretion in dogs (Ser) 32613

salt-sulfate-alkaline water on sulfur content of rat liver in exper. cirrhosis (It) 36970

*therapeutic use*

arterial obliteration, fluoroscopic indic. (Fr) 44990

constipation (It) 48753

drinking cures in urogenital system dis. (Ger) 42400

hydrogen sulfide mineral water, parenteral admin., evaluation (Bul) 32746

Karlovy Vary, hist. 31787

Karlsbad spring in x-ray inj. (Ger) 49032

Matheida water from spring in Casciana Terme, Pisa, in otorhinolaryngol. dis. (It) 25965

Rochefort-sur-Mer mineral water inject. in rheum. (Fr) 41134

sinusitis, indic., mechanism of action & results (Fr) 44680

tuberc. of bones, lymph nodes & skin, adjuvant ther. (Sp) 2957

Vichy water, indic. (Fr) 31959

MINING

accid. in Bulgaria (Bul) 41589

blood calcium & phosphorus levels in miners (Pol) 30736

coal mining accid. in Gt. Brit., statist. 26057

eff. of clothing on burn pattern & severity in colliery fire-damp ignitions 26040

eff. of coal-mining on resp., pneumotachography (Rus) 6587

emotional stability of miners with nystagmus 26040

furunculosis in miners, epidemiol. 10518

in Russia, organiz. of indust. hyg. (Cz) 48673

mercuric chloride pois. of miners, mechanism (Cz) 30947

nasal sinus pathol. of coal mine workers of left Lower Rhine, Germany (Ger) 25823

occup. vital statist. on coal miners in Gt. Brit., accuracy 26039

prev. measures in Russia (Rus) 32580

rehabil. centers in Gt. Brit. for injured miners 1203

rehabil. of soil after exposure to damp from mines (Ser) 27869

resp. funct. in gold miners with normal lung x-rays 26056

skin dis. of oil miners in Bulgaria (Bul) 16412

*MINNESOTA MULTIPHASIC PERSONALITY INVENTORY see* PSYCHOLOGICAL TESTS

*MIOTICS see* AUTONOMIC DRUGS

MIRACIL

*related compounds*

1-β-diethylaminoethylamino-4,7,9-trimethyl-6-aza-thiaxanthone, eff. on schistosomiasis in mice 51013

1-β-diethylaminoethylamino-4,7,9-trimethyl-6-azathiaxanthone ther. of schistosomiasis 4950

*therapeutic use*

miracil D in schistosomiasis, mass ther. in Union of So. Africa 2471

miracil D in schistosomiasis, review 2452

miracil D in urinary schistosomiasis 2470

*MISCARRIAGE see* ABORTION

MISSIONS AND MISSIONARIES

Christian influence of mission hosp. in India 40654

Christian Mission hosp. in India 28279

missionary hosp., purposes 4828

simple med. record system for mission hosp. 4830

WHO dis. classif., use in mission hosp. 4829

MISTLETOE

*administration*

indic. for parenteral admin. (Ger) 39942

*extracts*

ther. of cancer of bladder (Ger) 34374

**MITES**

*see also* ACARIASIS

*see also* SCABIES

Acarapis woodi infestation of honeybee Apis mellifera, epidemiol. & mortal. of infested bees 30381

cytol. during parthenogenesis of mite Platynothrus peltifer (Fr) 38677

Dermanyssus gallinae, infestation of human blood 24703

Dermanyssus gallinae, transm. of Atoxoplasma 19710

Eugamasus oudemansi, specificity (Pol) 33803

Euschöngastria donsidi from Italy, description (Ger) 34317

Euschöngastia xerothermobia, systematics, ecol. & distribution (Ger) 34310

feeding habits of symbiotic mesostigmatid mites of mammals, relation to pathogen vector potentials 47260

Gamasidae, distribution in Poland (Pol) 33800

Gamasidae in sparrows in Russian cities (Rus) 18885

Haemogamasidae, distribution in Poland (Pol) 33799

Knemidocoptes mutans, embryol., morphol. & histol. (Ger) 34311

Laelaps, embryonic & postembryonic develop. (Pol) 33802

Laelaps, taxonomy (Pol) 33801

Myonyssoides, new species from So. African mole-rat 47614

Neotrombicula nicolsi, Trombicula quasiatsci & Schöngastia radfordi affinis from Middle Congo (Fr) 14452

Oribatei, migration (Pol) 33726

parasitism on wild rodents (Pol) 33679

species distribution & dia. transm. in Czech. (Cz) 14805

Trombicula hasei larva, parasite of Roumanian lizards (Fr) 34320

Trombicula zachvatkini (Pol) 33804

trombiculid mite collection from rocks & rats by blowing human breath on them 16441

Tur uniscutatus from neotropical rodents 5606

***effect of drugs on***

1, 1-bis-(p-chlorphenyl)ethanol, benzene hexachloride & DDT, synergism & antag. (Fr) 38765

1, 1-bis-(p-chlorphenyl)ethanol & benzene hexachloride, resist. & mortal. curves (Fr) 38766

**MITOCHONDRIA**

form., electron microscopy 3496

gradient differential centrifugation for rapid fractionation of particulate systems 27395

lungs, alveolar epithelium, pathol. (Ger) 25814

structure & metab. properties of mitochondria from various tissues of desert locust 37058

***effect of drugs on***

edathamil on suspensions of rat cerebral cortex & liver mitochondria 19587

hydrocortisone on mitochondrial membrane permeability in rat liver in vitro 29822

phlorhizin, swelling eff. & uncoupling of oxidative phosphorylation (Ger) 49914

salicylic acid, uncoupling of oxidative phosphorylation, nature & site of action 37086

***metabolism***

amino acid incorporation into proteins 4762

ATP, role of ATP - inorganic phosphate exchange in oxidative phosphorylation & eff. of various cpds in rat liver mitochondria 1687

ATPase mechanism of action, activators, inhibitors & role in oxidative phosphorylation in rat liver mitochondria 1686

cytochrome system in mitochondria of unfertilized sea urchin eggs 3493

dehydrogenases, relation of structural state to enzyme activity 13794

dependence of mitochondrial swelling on oxidizable substrates 19538

eff. of exper. damage on protein metab., electron microscopy (Rus) 55300

α-glycerophosphate dehydrogenase, relation to resp. chain in brain mitochondria 1396

in mechanism of biol. oxidation in tissue metab. 9608

isocitric acid, pathways of oxidation 37119

liver mitochondrial subfragments with oxidative phosphorylating activity, prep. by action of digitonin 40527

oxidative phosphorylation reactions with reversible exchange between ATP & adenosinediphosphate 40528

oxidative phosphorylation, requirements for coenzyme A 4782

permeability of isolated rat liver mitochondria to various metabolites at 0 degrees 37080

phosphorus in Guerin epithelioma mitochondria, eff. of adenylpyrophosphate in vitro (Fr) 15083

phosphorus uptake by mouse liver mitochondria in vitro 50572

pyridine nucleotides, fluorescence study on intramitochondrial binding of reduced nucleotides 4778

pyridine nucleotides in rat liver mitochondria 19488

relation in porphyrin & heme biosynthesis 54410

*MITOSIS see* CELL DIVISION

*MITOTIC POISONS see* CYTOTOXIC DRUGS

**MITRAL STENOSIS**

manifest., diag. & ther. (It) 3880

recur., after inadequate mobilization of valve in previous surg. 50623

recur. pulm. edema in mitral stenosis as a synd. (Fr) 22453

***case reports***

(Fr) 31953

with long survival 48340

with pulm. hypertension & congen. cardiovasc. defects, correlation of hemodynamic & lung biopsy data 42511

with tricuspid stenosis & rheum. lesions, diag. & surg. (Rum) 44005

***complications***

aortic stenosis, direct vision surg. under hypothermia 54684

aortic stenosis, indic. & contraindic. of surg. (Fr) 31116

calcification, coralliform perforating (Fr) 31120

embolism of aortic bifurcation, case report 49996

hemodynamic pulm. nodular hemosiderosis (Sp) 42212

influenzal pneumonia, case reports 46613

microgranular calcifications in wall of auricle, case report (It) 39687

myocardial infarct during mitral regurgitation & stenosis, review & case report (It) 15251

pulm. edema (Fr) 29196

pulm. hypertension, clin. statist. (Fr) 54039

resp. disord. 36246

resp. disord. 53578

tricuspid stenosis, surg., double commissurotomy in one stage (It) 187

***diagnosis***

auscultation of murmurs & sounds, interpretation (Ger) 46148

esophageal piezocardiogram at auricular level in patients in sinus rhythm (Sp) 44492

left cardiac catheterization, transbronchial approach (Por) 51640

left heart catheterization in rheum. mitral stenosis 15550

phonocardiography, significance of opening snap (Rus) 53036

resp. funct. tests & catheterization, standard. (Rus) 10741

***differential diagnosis***

myxoma of left atrium, ultrasonic echography (Ger) 49066

***in pregnancy***

surg. indic. & management (Fr) 9032

***manifestations***

ballistocardiography (Fr) 35029

ballistocardiography, comparison with mitral insuff. 32487

cases of tight stenosis without left AV diastolic gradient (Fr) 9023

diastolic sound & presystolic murmur, new technic in phonocardiography (Sp) 8675

ECG recordings with esophageal lead (It) 36764

jet regurgitation 21736

murmur of rheum. mitral stenosis, differentiation from Austin-Flint murmur 14985

peculiar x-ray changes in lungs (It) 53711

phonocardiography (Ger) 22902

septal lines in x-rays 3656

***pathology***

auricular appendix, morphopathol. in commissurotomized patients (Sp) 44490

biopsy of lung & auric. appendix, progn. value (It) 8880

***physiology***

central blood volume & heart output in relation to x-ray aspects of pulm. vasculature 35636

cerebral blood flow, response to carbon dioxide inhalation 14037

comparison with physiol. of normal valve 14031

correlation of ECG & phonocardiography 26488

dynamics of develop., x-ray data (Rus) 53037

eff. of ganglionic blocking agents on pulm. hemodynamics 41834

eff. of induced hypervolemia on cardiac funct. 50460

eff. of theophylline on valve opening time (Ger) 12073

epinephrine test of bronchial constriction in mitral stenosis 26496

hemodynamics, relation to sympt. (Sp) 21194

lung compliance 38625

phys. working capacity in relation to heart volume, hemoglobin level & stroke volume 11979

pulm. arterial pressure 14030

resp., eff. of exercise (Fr) 9009

resp., spirometric assessment of airway resist. 21735

tricuspid component of 1st heart sound in mitral stenosis 14983

***statistics***

in subjects over 50 years of age (Ger) 23114

***surgery***

*see also* COMMISSUROTOMY

(Pol) 20451

indic. & compl. (Fr) 42509

pre- & postop. stethoscopic evaluation (Fr) 29141

preop. angiography (Fr) 24283

progn., statist. comparison of surg. & non-surg. patients (Fr) 45310

review 488

technics, evaluation 52692

**MITRAL VALVE**

***anatomy and histology***

surg. anat. (Rus) 10743

***diseases***

calcification, pathol., surg. & case reports (Rum) 43993

calcification, tomographic manifest. 48142

causing complete arrhythmia (Fr) 35608

causing complete arrhythmia, quinidine ther. (Fr) 35609

comparison of myocardial dysfunct. factor with mitral mechanical factor 48153

diag., ballistocardiography (Pol) 43665

diag., ballistocardiography, abnorm. in F, G, H & I waves 9778

diag., intracardiac phonocardiography 14977

diag. rheocardiography (Ger) 34184

eff. of acetylcholine on pulm. & systemic circ. after inject. into pulm. artery 48140

eff. of resp. effort & dyspnea on acid-base equilibrium (It) 52091

exploratory surg. (It) 8783

insuff. 11793

48513

51346

insuff. & stenosis, diag., esophageal piezocardiogram (It) 16024

insuff. & stenosis, differ. diag. (Sp) 51619

insuff. & stenosis, liver pathol. in clin. study & review (It) 53583

insuff., ballistocardiographic comparison with mitral stenosis 32487

insuff., differ. diag. & surg. (Rus) 41522

insuff., ECG recordings with esophageal lead (It) 36763

insuff., evaluation of Davila-Glover purse string suture in surg. 5896

insuff., exper. chronic, technic for correction in dogs 22034

insuff., exper., eff. of increased pulm. vasc. resist. on left auric. wave trasm. in dogs (Fr) 28354

insuff., exper., eff. on capillary transm. of auric. pressure in dogs, ECG study (Fr) 26194

insuff., exper., eff. on cardiac output as demonstrated by shape of indicator dilution curves in dogs 48738

insuff., exper., pulm. capillary pressure in dog with closed thorax, relation to right auric. pressure (Fr) 26497

insuff., exper., pulm. capillary pressure in relation to left auric. pressure in dogs (Fr) 36677

insuff., exper., reversible & gradable produced in dogs by tobacco-pouch sutures (It) 27437

insuff., factors affecting indicator dilution curves in output determ. 50461

insuff., phonocardiography of apical diastolic murmurs 46867

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

insuff., roentgenkymography of left auricle (It) 24935

insuff., surg. (Rus) 18287

insuff., surg., annuloplasty under direct vision 2604

insuff., surg., direct vision correction with use of mechanical pump oxygenator & extracorporeal perfusion 486

insuff., surg. open approach with elective cardiac arrest 485

insuff., surg., open heart technic 18131
18132

insuff., surg., review 488

insuff., surg., review (Ger) 6693

insuff., surg., review (Rus) 10748

insuff., with auric. fibrill. & Wolff-Parkinson-White synd. (Ger) 42405

insuff., with menometrorrhagia in adolescent, case report (Fr) 15180

intra-esophageal pressure, diag. value of determ. of correlation with left intra-auric. pressure 52086

manifest., resp. effort & dyspnea (It) 52090

mechanism of resp. during exercise & at rest 35179

mucoid degenerescence, case reports (Fr) 49871

pulm. hemodynamic & ventilatory studies in 35635

pulm. manifest., resp. funct. test, comparison with hemodynamic & x-ray data (Fr) 9082
9086

regurgitation causing myocardial infarct, review & case report (It) 15251

regurgitation, ECG analysis of cases 2904

regurgitation, exper. induction in sheep 2151

regurgitation, measurement of degree by dye dilution technic 2909

regurgitation, phys. working capacity in relation to heart volume, hemoglobin level & stroke volume 11979

regurgitation, quantitative evaluation with roentgenkymography (It) 27438

regurgitation, surg., circumferential suture 484

regurgitation, surg. problems 483

reserpine ther. by induction of bradycardia (Sp) 44498

residual lung volume in mitral dis. with pulm. edema 14032

surg., selection of patients by cardiac ventriculography 35634

ther., acetyldigitoxin, hemodynamic eff. (It) 48990

with embolism of renal arteries, causing hypertension (Ger) 49070

***physiology***

comparison with physiol. of stenosed valve 14031

***radiography***

clin. interpretation of various mitral configurations (Hun) 52901

***surgery***

*see also* COMMISSUROTOMY

approaches in dogs 23479

review 11625

## MIXED TUMORS, SALIVARY

parotid gland (Fr) 39503

pathol. & ther. (Fr) 48366

***case reports***

ectopic of lips 861

floor of mouth, in 7-year-old child 41254

giant parotid tumor of myomatous type causing prolongation of facial nerve (Fr) 2324

***pathology***

nomenclature & suggested classif., review 12933

parotid gland, artefacts in normal surrounding glandular tissue 36871

## MIYAGAWANELLA

characterization of species affecting man, mammals & birds 28410

felis, separation of two drug-resist. strains by limiting dilution passage in chick embryo yolk sac 17470

ornithosis, isolation & identification in ornithosis infect. in turkeys 12759

psittaci, isolation from parakeet & cultivation in chick embryo & mice (Ger) 34056

staining with Wright's stain variant (Fr) 14431

***effect of drugs on***

amino acids, glutamine & glucose on propagation in mouse fibroblasts 17246

cortisone, on survival time of psittacosis-infected chick embryos 17471

***immunology***

psittaci, isolation of highly specific complement fixing antigen from purified virus (Ger) 34508

separation of psittacosis complement-fixing & hemagglutinating antibodies by starch electrophoresis 45839

***metabolism***

folic acid in purified prep. 17460

***MMPI*** *see* PSYCHOLOGICAL TESTS

***MODELS*** *see* ART, MEDICAL

***MOLDS*** *see* FUNGI

## MOLLUSCA

***see also*** SNAILS

Aplysia pigmented neurons, photoactivation (Fr) 25518

clam heart, eff. of brain ganglioside 52376

eff. of anoxia on electrical activity of giant neurons of Tethys (Fr) 38664

enzyme exper. on nucleoli of developing oocytes of mollusks (It) 48129

gastropod Pomacea canaliculata, ovorubin synthesis in eggs 53489

hygienic control of edible mollusc indust. in Italy (It) 36225

inspection of edible sea molluscs, methods & results of tests in Cagliari (It) 43261

mussel thiaminase activity, determ. of activating substances (It) 1929

neurosecretion & elaborative funct. of neurons in gastropods (Fr) 15139

octopus, electron microscopy of purine globules in optic gland of (It) 48128

octopus, nerv. system of tentacles & innerv. of suckers (Fr) 23577

octopus visual discrimination, eff. of removal of various amounts of vertical lobes 53482

octopus visual discrimination, responses of untrained octopuses to various figures & eff. of vertical lobe removal 53483

purification & properties of D-glutamic acid dehydrogenase from hepatopancreas of octopus 13394

purification system of water containing molluscs in Spain (Sp) 8957

rhodopsins of cuttlefish & octopus 29802

slugs Milax sowerbii & Agriolimax reticulatus, infestation by brachylaemid trematode metacercariae 30361
30365

squid axoplasm & axon sheath, enzyme activity 50915

squid, nerve impulses, review 44983

squid stellate ganglion, funct. of proximal synapses in 50574

transm. of excitation through ganglia of common clam 17982

trimethylamine in marine molusks (Fr) 38718

## MOLLUSCUM CONTAGIOSUM

***case reports***

giant, of eyelids (It) 36218

***immunology***

inoculability in man, auto-inoculation (Fr) 37864

***in infant and child***

buttocks, with moniliasis 29309

***therapy***

erythromycin & tetracycline, compl., unusual inflamm. exacerbation, case report (Fr) 37897

## MOLYBDENUM

colloidal molybdenum oxide catalyst for fixation of nitrogen during photosynthesis of amino acids from paraformaldehyde 52292

molybdenum blue complexes with poly-acids, form. & stability (Ger) 1320

***determination***

mercury molybdate, potentiometric titration 23081

***effects***

on metab. of phosphorus, vitamin E, creatine & creatinine in rats 4175

on metab. of sulfur-containing amino acids in Neurospora crassa 37118

on Monilia albicans cultures, induction of pigmentation & use for identification of species 24408

***metabolism***

Azotobacter vinelandii, intracellular localization 3491

liver tissue content in horses 19878

***therapeutic use***

anorexia & nutrition disord. in inf. & child., with vitamin B12 & vitamin T (Sp) 21143

## MONGOLISM

psychol. & biol. study, comparison with ordinary ment. defectives (Fr) 47438

sex differences in child. & inf. (Cz) 38111

***blood in***

calcium, phosphate & phosphatase levels, comparison with other forms of ment. retardation 17759

hemoglobin 28551

hemopoiesis (Hun) 49813

***complications***

acute keratoconus in mongoloid subject (Ger) 34130

congen. dent. & cranial anomalies in mongolian ment. defectives, comparison with microcephalic & acrocephalic ment. defectives 26086

congen. heart dis. 50055

early senile dementia in 59-year old mongoloid 49616

premature dementia senilis (Ger) 15839

x-ray manifest. of diencephalic hypoplasia with assoc. cranial abnorm. in mongoloid (Ger) 35427

***heredity***

(Dut) 49781

familial, statist. 46968

in twins 5378

sub mongoloid traits in families of mongoloids (Ger) 44205

***manifestations***

mongolian stigmata, relation to intellectual status 610

pelvic bone changes, x-ray diag. 822

skin (Ger) 11228

***metabolism***

water-soluble vitamins, intake & urinary excretion 34374

***psychology***

rhythm discrimination in mongoloid child. 46969

***therapy***

(Fr) 15217

Δ 5-androstene-3β-ol-17-one (Sp) 21141

anterior pituitary extracts in oligophrenic mongolism, psychic eff. (It) 42614

## MONILIA

assoc. with Trichomonas vaginalis & Döderlein's filiform bacillus (Por) 8732

bovina, relation to Saccharomyces tellustris 25148

classif., virulence & identification (Ser) 10906

in sputum, detection (Cz) 38163

utilis, biosynthesis of D-2-desoxyribose (Fr) 37114

vanriji from Swedish soils 25313

***effect of drugs on***

nystatin on normal role of phosphate in Monilia stellatoides 20754

## MONILIA ALBICANS

allergy (Ger) 24300

in lungs in interstitial plasma cell pneumonia in premature inf., failure of demonstration with fluorescence serol. tests (Ger) 46244

laboratory identification by slide agglut. test 28437

***culture***

eff. of amniotic fluid on develop. in vitro (It) 42565

identification by pigmentation reaction to molybdenum 24408

taurocholate agar for chlamydospore prod. 19453

***effect of drugs on***

amphotericin B on oxygen consumption (Fr) 48006

colimycin & nystatin, develop. of resist. (It) 16020

nystatin, mechanism of action (Fr) 48823

vitamin B complex on survival after freezing (Ger) 16384

***metabolism***

organic acids, chromatography (Fr) 26829

succinic dehydrogenase, eff. of thimerosal 22915

## MONILIASIS

***see also*** THRUSH

aseptic prev. in surg. patients (Sp) 43942

genitalia, in men & women (Fr) 19342

in surg. dis., review (Rus) 49236

lungs 17676

lungs, clin. manifest. & phenylbutazone ther. (Ger) 10299

vaginal, in southern Florida, comparison with northern states 7634

vulvovaginal, incidence, clin. features & ther. (Ger) 21622

***case reports***

esophageal, x-ray findings 1176

lungs, primary (Pol) 43649

obstruct. of renal pelvis by ball-like aggregations of Monilia albicans causing hydronephrosis, case report 2836

primary dissemination (Rus) 41696

severe infect. compl. of BCG vacc., with familial hypoglobulinemia (Sp) 36849

with acrodermatitis & E. coli infect. (Sp) 345

with cholecystitis (Por) 53855

***complications***

appendicitis (Por) 53853

tropicalis causing pneumonia (Ger) 39020

urethritis, case report 14180

vaginal, causing leukorrhea, chlorquinaldol ther. (Dut) 43023

vaginal, with Trichomonas vaginitis, case report (Fr) 44637

***diagnosis***

serodiag., determ. of incomplete antibodies (Ger) 34078

***etiology and pathogenesis***

antibiotic ther. causing bladder moniliasis (Rus) 10726

antibiotics, clin. study & review 9586

oral, pharyngeal & laryngeal, caused by antibiotic ther. of various dis. (Rus) 45734

streptomycin causing bronchopulm. moniliasis, ther., nystatin (It) 20405

***experimental***

albicans, eff. of colimycin & tetracycline on leukocytic diapedesis & peritoneal mycetic density, Seligmann's phenomenon (It) 52043

albicans, eff. of colimycin & tetracycline, Seligmann's phenomenon (It) 52042

eff. of chloramphenicol, penicillin, streptomycin & viomycin on mice 52282

eff. of nystatin & amphotericin B in mice, comparison (Ger) 1574

eff. of trichomycin (It) 52781

eff. on fetus & maternal organs in pregn. mice (Ger) 46245

pulm. in rabbits after endobronchial inoculation (It) 37463

***in infant and child***

(Fr) 4220

bronchopulm., with oral & cutaneous manifest., nystatin ther. (Sw) 32859

buttocks, with molluscum contagiosum in child 29309

caused by antibiotic ther. of Micrococcus pyogenes aureus infect., fatal case 48508

cutaneous 26854

disseminated, ther., nystatin (Sp) 342

during antibiotic ther. (It) 25574

laboratory diag. 26656

preop. antibiotic prep. of intestine causing monilial peritonitis 18357

relation to antibiotic ther. of infect. (Fr) 25460

skin 28596

systemic 26855

with familial lymphopenia & agammaglobulinemia, case reports (Ger) 39901

***therapy***

cutaneous, nystatin ther. 19967

50269

nystatin aerosols in bronchial moniliasis albicans (It) 13958

**MONKEYS**

comparative learning abilities of spider, cebus & squirrel monkeys with other species of monkey & with other animals 4938

comparative soc. behavior & intelligence patterns of Old World & New World monkeys 11528

develop. of paw preferences 17356

food preferences 5114

Macaque Rhesus monkeys, hosts of trematode Primatotrema macacae 51008

***diseases***

Armillifer moniliformis infect. (Pol) 33807

dysentery, bacillary, due to Shigella flexneri infect., control of epidemic by furazolidone 23283

natural virus B infect. in rhesus monkeys 5690

Pneumonyssus simicola pulm. infect. (Pol) 33806

psychomotor epilepsy in a 4 1/2 year old zoo monkey (Fr) 49620

white piedra, case report 50287

**MONOCYTES**

eff. of exper. depletion of monocytes on contact dermatitis in guinea pigs 16519

lymphorsticular cell forms, clin. significance (Ger) 39023

monocytogram in child. in various dis. (Rus) 43552

***MONONUCLEOSIS, INFECTIOUS*** *see* **INFECTIOUS MONONUCLEOSIS**

**MONOSACCHARIDES**

***see also*** **HEXOSES**

***see also*** **PENTOSES**

***determination***

aldosaccharides in blood & urine, rapid specific method 52388

quantitative paper chromatographic method 33214

sedoheptulose-7-phosphate, color reaction & spectrophotometry (Ger) 25900

***effects***

on oxygen consumption of Microsporum gypseum (Ger) 3989

***in blood***

sedoheptulose-7-phosphate identification among metabolites of ribose-5-phosphate in human erythrocytes (It) 25641

***in urine***

quantitative determ. by paper chromatography & colorimetry 32215

***metabolism***

erythrose phosphate, tentative identification in photosynthetic cells & role in photosynthetic carbon cycle 47726

intestinal absorp., diurnal variations (Sp) 8858

sedoheptulose-7-phosphate, nonoxidative form. from fructose-6-phosphate & glucose-6-phosphate in rat skeletal musc. (It) 15677

sedoheptulose-7-phosphate, nonoxidative form. from glucose-6-phosphate in animal kidney prep. (It) 14001

***MONOXYCHLOROSENE*** *see* **ANTISEPTICS, HALOGEN**

**MONSTERS**

***see also*** **ABNORMALITIES**

acardius, etiopathogen., theories (Ger) 23105

anencephalus, adrenocortical atrophy in (Fr) 26754

anencephalus, deglutition in utero (Fr) 26213

anencephalus, fetal develop. of thyroid gland 36035

anencephalus induced by hypervitaminosis A in rat embryos (Fr) 25468

anencephalus, morphogenetic aspects (Fr) 26911

anencephalus, stillbirth & inf. mortal. in Scotland 2112

anencephaly in Ireland 4325

celosomus, classif. & case report (Sp) 8868

conjoined twins, prenatal diag. & postmortem findings 2211

craniopagus, surg. separation 14235

cyclocephalus, autopsy findings (Fr) 26224

dicephalus pseudotribrachius (Ger) 23111

female double monster of O type (Fr) 32286

repeat anencephaly in repeat cesarean section 39791

schistosomus reflexus in sheep 4615

sirenoid anchipodia with dysplasia renofacialis (Ger) 55517

sirenomelus (Ger) 23123

sirenomelus, genealol. studies (Ger) 23574

***case reports***

anencephalus in 4 successive pregn. 2618

cebocephalus born alive in a case of hydramniotic pregn. (Sp) 21131

craniopagus twins in triplet pregn. 18385

double monster (Fr) 26261

epignathus (Ger) 46079

holoacardius acephalus (It) 53685

incomplete posterior diplogenesis of lower part of body in adult woman (Fr) 46548

merocranial diplophthalmic monster with myelocystomeningocele, dysmorphogenetic aspects (It) 29622

phocomelia, total, etiol. & pathol. (It) 9416

sirenomelus (Ger) 36034

teratoma-like swelling of possible acardius nature in cord of stillborn female inf. 5621

***MOREL SYNDROME*** *see* **HYPEROSTOSIS FRONTALIS INTERNA**

***MORGAGNI SYNDROME*** *see* **HYPEROSTOSIS FRONTALIS INTERNA**

**MORPHINE**

***see also*** **APOMORPHINE**

***see also*** **CODEINE**

***see also*** **DIACETYLMORPHINE**

***see also*** **ETHYLMORPHINE**

physiol., pharmacol. & chem. of morphine & related cpds. (Fr) 54600

***addiction***

chlorodyne, case reports & need for restricted sales 14206

17-ketosteroid excretion in urine during exper. addict. in humans 41281

***anesthesia and analgesia***

eff. of reserpine in rats (Ger) 43012

ether-morphine anesth. in surg. of gunshot wds. of intestines in acute radiation sickness in dogs (Rus) 10886

postop. analgesia, comparison with (2, 2-diphenyl-3-methyl-4-morpholine)-butyryl pyrrolidine 11873

potentiation by parasympathomimetics, mechanisms 16290

***antagonists***

***see also*** **NALORPHINE**

2, 4-diamino-5-phenyl-thiazole ther. of barbiturate pois. 9261

eff. on prolonged exper. nystagmus in guinea pigs (Ger) 29886

levallorphan, eff. on resp. & cerebral cortex electrical activity in dogs (Ger) 36483

levallorphan, eff. on resp. center (Ger) 34026

levallorphan, metabolic fate after in vivo & in vitro admin. in rats 41280

***determination***

differential spectrophotometric determ. in mixtures 51066

in galenical prep., colorimetric method 41303

in poppy capsules, method (Ger) 43592

***effects***

analgesic & resp. eff., comparison with dihydrocodeine 13456

blocking of thyrotropic hormone secretion in rats 36568

induction of psychomotor agitation in exper. animals, influence of tranquilizing agents (Fr) 54885

inhib. of contraction of longitudinal musc. coat of isolated guinea-pig ileum 14130

morphine & morphine-like analgesics on peristaltic reflex of isolated guinea pig ileum, intraluminal admin. 51065

morphine-like drugs on crystalline lens of mice 42974

on ACTH release during severe stress in rats 35082

on electrical activity of isolated fragment of cerebral cortex of dogs predisposed & not predisposed to epilepsy (It) 36801

on escape & avoidance behavior, review 8353

on funct. & metab. of CNS in mice alone & with N-allyl-3-hydroxymorphinan & reserpine (Ger) 36037

on gastrointestinal system, x-ray manifest. 14142

on micturition reflex in exper. animals (Ger) 29907

on motility of ileal segment used in form. of artif. bladder 48484

on pole-climbing response of rats, comparison with barbiturates & tranquilizing agents (It) 53834

on prolonged exper. nystagmus in guinea pigs (Ger) 29886

on resp. center (Ger) 34026

on serum amylase concentration, comparison with meperidine 14645

on urinary corticoid excretion in guinea pigs after vasopressin admin. or cold stress 12507

synergistic eff. with ethyl alcohol in rats (Ger) 52215

***in blood***

determ., micropolarography 24004

***in urine***

of non-tolerant dogs, relation to dos. 23998

***metabolism***

free & conjugated morphine in brain & other tissues of tolerant & nontolerant rabbits 17947

liberation from codeine & urinary excretion 23999

***related compounds***

N-allyl-3-hydroxy-morphinan eff. on funct. & metab. of CNS in mice alone & with morphine & reserpine (Ger) J6937

bis-nicotinoyl morphine, analgesic eff., clin. & exper. evaluation (Ger) 22831

chem. (Fr) 20795

dextromethorphan in cough control during surg. of lungs (Ger) 29456

3-oydroxy-N-methyl-7-aza-des-N-morphinan, prep. of 14924

levorphan causing polydipsia & polyuria after chronic admin. to rats 31388

levorphan labeled with radiocarbon, synthesis & metab. distribution in animals 5736

N-methylmorphinan deriv., microchem. differentiation of their optical isomers 17957

3-p-nitrobenzoylmorphine, analgesic eff. (Rus) 49422

normorphine ther. of postop. pain, comparison with morphine 17949

pharmacol. of new deriv. 17948

racemorphan on resp. center (Ger) 34026

*therapeutic use*

acute pancreatitis, with antispasmodics, eff. on common bile duct pressure & Oddi's sphincter 45059

adjuvant in intravenous cholangiocystography (Cz) 14876

pain from accid. inj., admin. with 2,4-diamino-5-phenylthiazole (Ger) 35952

premedication in anesth. in gyn. surg., comparison with chlorpromazine 23543

prev. of circ. overloading during & following blood transfusion, prev. action with atropine & packed erythrocytes 12263

*toxicity*

relation to amphetamine tox., isobolic analysis (Cz) 38249

**MORPHOLOGY**

in med. 17520

in Poland, anthropol. aspects (Rus) 13583

research, enzyme histochem. methods (Ger) 15436

***MORQUIO'S DISEASE see***
**ECCENTRO-OSTEOCHONDRODYSPLASIA**

**MOSQUITOES**

Aedes aegypti attraction by olfactory substance secreted by man (Ger) 11304

Aedes aegypti, aural directional orientation (Ger) 11268

Aedes aegypti, eradication campaigns in Western Hemisphere (Sp) 37267

Aedes aegypti, hearing in (Ger) 11269

Aedes aegypti larvae, eff. of various insecticides (Ger) 11305

Aedes aegypti, presence of factor inhibiting biting 42985

Aedes aegypti, transm. of Uganda S virus 10476

Aedes circumluteolus, isolation of Bunyamwera virus in Tongaland 24694

Aedes geniculatus, distribution in Poland (Pol) 33812

Aëdes mariae in Italy (It) 53833

Aedes, morphol. of nymph forms (Fr) 1428

Aedes niveus subgroup, species & subspecies of Singapore 47609

Aedes polynesiensis, breeding locations in Tahiti & control 890

Aedes stokesi, vector of Plasmodium gallinaceum 55358

Anopheles & vectors, control in Italy (It) 9375

Anopheles annandalei interruptus, distribution in Cambodia (Fr) 35486

Anopheles aquasalis, in Trinidad, dieldrin resist. 52407

Anopheles atroparvus atroparvus, genetic variations (Fr) 15131

Anopheles atroparvus chromosome arrangements in dieldrin-selected strain 14474

Anopheles control by granulated dieldrin sprayed by aircraft, prev. of seasonal increases 47604

Anopheles, distribution in Netherlands New Guinea 33140

Anopheles, eradication & prev. of re-establishment of malarial foci (Rus) 51741

Anopheles gambiae & Anopheles pharoensis, feeding habits & resting places in E. Africa 39179

Anopheles gambiae, age-grading technics 25062

Anopheles gambiae, dieldrin resist. of larval strain (Fr) 14437

Anopheles gambiae, improved collection of eggs & analysis of oviposition behavior 28671

Anopheles gambiae, recognition of nulliparous & parous mosquitoes by exam. of ovarioles 22302

Anopheles gambiae resist. to insecticides 25060

Anopheles hyrcanus sinensis, transm. of Wuchereria malayi 14935

Anopheles larvae, control & after-eff. of dieldrin (Ger) 34325

Anopheles larvae, insecticide susceptibility tests 55061

Anopheles maculipennis, distribution in Poland (Pol) 31524
31540
33808

Anopheles maculipennis strains in So. France (Fr) 28713

Anopheles, method of obtaining ovipositions & transporting & mounting of specimens (It) 9381

Anopheles natalensis & Anopheles squamosus cydippis in Fr. W. Africa (Fr) 14438

Anopheles pallidus & stephensi stephensi, morphol. abnorm. 4165

Anopheles paludis & Anopheles obscurus sowilni from Ivory Coast (Fr) 38174

Anopheles salbai n. sp. in Somaliland, morphol. & breeding places in Lake Salbai region (It) 9377

Anopheles, selective feeding habits among Africans of different ages 896

Anopheles species in Somaliland, distribution & breeding places (It) 9379

Anopheles subpictus grassi in India, eff. of DDT 16281

Anopheles sundaicus breeding, relation of physico-chem. factors 4170

Anopheles sundaicus in Indonesia, eff. of DDT & dieldrin 16285

anophelines in India, seasonal prevalence 4164

Anophelini, geographical distribution in Argentina (Sp) 8965

autogenesis & egg laying, numerical data (Fr) 3110

control in China 48660

control of Anopheles in E. Africa by dieldrin spraying of huts 52434

control of malaria vectors, technical training of personnel (Sp) 13906

control with organic phosphorus cpds. 47259

Culex martinii distribution in Italy, morphol. & biol. characteristics (It) 31729

Culex, morphol. of nymph forms (Fr) 1429

Culex pipiens, anat. of stinging appar. (Ger) 46629

Culex pipiens pallens in transm. of filariasis, duration of life of filariae in mosquitoes in winter temperatures 55439

Culex species from So. America, morphol. (Fr) 36547

Culex tritaeniorhynchus, growth of Japanese B encephalitis virus in 16430

Culicinae, list of collected species in So. China 16283

DDT, benzene hexachloride & dieldrin resist. & sensitivity of larvae of Anopheles aquasalis & Culex fatigans in Fr. Guiana (Fr) 36551

DDT, dieldrin & benzene hexachloride sensitivity tests of Culex pipiens fatigans in Fr. W. Africa (Fr) 14450

DDT resist., hereditary, in Aedes aegypti 47607

DDT resist. of adult Aedes aegypti after larval contact with insecticide (Fr) 14439

DDT resist. of Anopheles (Ser) 27680

DDT resist., protective eff. of ether & carbon dioxide anesth. of larvae prior to DDT testing 19493

DDT sensitivity of Anopheles species of Somaliland (It) 9380

DDT sensitivity of several strains of Aedes aegypti (Fr) 14451

distribution in Poland (Pol) 33809
33810
33811

distribution in Russia, seasonal variations (Rus) 18893

eff. of DDT, diethylmercaptosuccinic acid 0,0-dimethyldithiophosphate & malathion, comparative field trials of residual eff. 4166

eff. of gamma-benzene hexachloride & dieldrin on Anopheles gambiae, simulated field deposits on susceptible, hybrid & resist. strains 19505

eff. of larval population density on fluctuation in mosquito numbers 52458

exper. ecol. study of breeding places 28396

filariasis vector, staining of filarial larvae before dissection, technic 14470

finer structure of galeal lamella in adult mosquitoes 19537

hybrid Culex pipiens mosquitoes, cross between Philippine & Amer. Culex fatigans 893

in So. Cameroons 55353

infestation of hosp. in Czech., location of breeding site (Cz) 14806

Mansonia bonnevepesterae, description, habits & breeding places in Netherlands New Guinea 33134

Mansonioides, determ. of age 7202

naturally occuring intermediate between Culex pipiens pipiens & Culex pipiens quinquefasciatus 889

relation between biol. constants & trophic condition in mosquito populations 19598

repelling with phthalic acid dimethyl ester (Pol) 33815

resist. to insecticides (Fr) 32417

seasonal variations in density of Culex fatigans & filarial infect. in them in India 16279

Taeniorhynchus, breeding in laboratory 55060

Taeniorhynchus fuscopennatus, laboratory study on oviposition-cycle 25067

Taeniorhynchus uniformis, filariasis vector in Ceylon, biol. & control 14473

transm. of Ilhéus, Mayaro & St. Louis viruses with Trinidadian mosquitoes in susceptible chicks & mice 47266

viability of submerged eggs 4163

**MOTHS**

Automeris illustris, geotropism of larva (Fr) 26939

bee moth larvae, cytol. & cytochem. study of hemolymph 49304

Bombyx mori, eff. of benzene hexachloride & DDT (Rus) 18904

Bombyx mori growth & silk prod., eff. of various exper. cond. (Fr) 36611

Bombyx mori, in vitro culture of nymphal tissue from (Fr) 39269

Bombyx mori, synthesis of protein in hemolymph by fat body 19562

Bombyx mori utilization of formate for biosynthesis of glycine carbon-1 & -2 42970

Bombyx mori utilization of glycine carboxyl group for synthesis of amino acids of silk 42969

Ephestia causing allergy in humans (Fr) 53376

Ephestia kühniella, determ. of gene-dependent L-tryptophanoxidase in (Ger) 11267

Stilpnotia salicis, polyhedral virus dis. (Sp) 29540

**MOTION**

tests of swaying of body while standing, classif. & diag. value in NS dis. (Ger) 33933

**MOTION PICTURES**

cellioscopic cinematography, progr. & causes of failure (Fr) 3133

cine-angiocardiography with cardiac catheterization in diag. of septal defects 24354

cinefluorographic & standard motion picture film analysis in diag. & research, technics 16938

cinematographic analysis of cell dynamics, review 49444

cineradiography (Fr) 48937

cineradiography in diag. 48272

cineradiography in urol. 33096

cineradiography of calcified cardiac valves 31646

cineradiography of urinary tract (Fr) 41473

cineroentgenography, indic. (Fr) 54372

high-speed cinephotomicrography of human spermatozoa 6490

in undergraduate phase of med. educ. 142

in x-ray 4102

med. & surg., use of high-speed camera (Fr) 3150

med. films for laity, pub. relations aspects of visual educ. in med. 19909

microcinematography of cell division of macrophages in liver & spleen of chick & mouse embryo cultures (It) 34428

microcinematography of chick embryo oocyte cultured in vitro (It) 34427

phase-contrast cinematography of lymphocytes in human fetal tissues (Fr) 36744

radiocinematography with image amplifier (Ger) 44309

role of ment. health films in community discussion groups 19080

selective cine-angiocardiography with image intensification 14029

*apparatus and instruments*

instrument develop. in cineradiography 2136

radiocinematographic image intensifier 28 cm. in diameter (Fr) 32386

**MOTION SICKNESS**

pharmacol. prev. & ther. (Rus) 38814

*case reports*

air sickness, persistent, in pilot during jet training (It) 9392

*metabolism*

(Ger) 22969

*psychology*

airsickness in young flight trainees, emotional aspects 4693

airsickness, psychopathol. (Fr) 51484

seasickness as form of overexcitement (Dut) 43081

*therapy*

airsickness prev. by cycrimine & procyclidine, evaluation 4692

anti-emetics, review (Fr) 44154

antihistaminics in seasickness, double blind study 36595

scopolamine in seasickness, comparison with other anti-emetics 18078

testing methods for motion sickness remedies (Ger) 36923

**MOUTH**

***see also*** **STOMATITIS**

as esthetic approach route in facial surg. (Fr) 9066

duration of residual irritation to chem. stimuli in dogs (Rus) 11515

exam. in newborn & young *inf.*, appar. & technic (Sp) 43882

hyg. (Fr) 38789

mucosal smears in chromosomal sex determ. (Sp) 21165

new Stomatol. Department of Civil Hosp. of Udine, Italy (It) 3644

opening of mouth causing reflex acceleration of resp. rate, mechanism in man & dogs 40075

response of oral tissues to ultrasound 40237

sex chromatin morphol. in smear of human oral mucosa 508

tolerance of hot food in mouth, role of cooling amplitude (Ger) 25245

transform. of protractile mouth into suctorial tubular snout in coralline & littoral fish (Fr) 38655

yawning & other movements, registration (Rus) 1768

***cysts***

sublingual, case reports 11065

***diseases***

42150

(Fr) 39501

buccodental disord. in pregn., diag. & ther. (Fr) 21353

bullous & vesicular dis., cytol. diag. (Rus) 9848

erythema multiforme, case report 20151

fusospirochetosis, Treponema in oral cavity in pathogen., review (Ger) 25785

herpetiform lesions, ther., polio. immune human globulin, AMA council report 4470

in diabetic patients 50144

in menstruation, pregn. & puberty, etiol. & ther. (Pol) 39628

keratosis, diag. 41251

moniliasis caused by antibiotic ther. of various dis. (Rus) 45734

mucosal, role of dentist in diag. & ther. 52842

pemphigus of mucous membranes 28473

review (Ger) 29425

submucous fibrosis of palate & oral mucous membrane, ther., cortisone 50618

ther. in large hosp. center in Naples (It) 44340

***effect of drugs on***

oral antiseptics on buccal epithelial tissue, evaluation technic 4558

PAS & streptomycin, on leukocyte migration (Rus) 36407

***fistula***

oro-antral (Sp) 23915

oro-antral after tooth extraction, plastic closure 5370

***in various diseases***

allergy, follicles of mucosa 39300

conjunctival pemphigus 23872

eosinophilic granuloma of bone, mucosal lesions, case reports 20146

lichen ruber (Dan) 33387

oral changes & their diag. value (Ger) 45995

systemic dis., diag. value 4522

5275

***innervation***

abnorm. nerve supply to oral mucosa, histopathol. 44062

gingival branches of mandibular branch (Ger) 33925

***microbiology***

acidogenic microorganisms, eff. of defic. of bivalent trace metals on growth & glycolytic activity 40777

develop. of bact. flora in newborn (Ger) 46268

eff. of climate & geographic data on composition of bact. flora (Ger) 46227

eff. of salivary gland excis. on oral microflora in rats 17205

Entamoeba gingivalis & Trichomonas tenax, survey in humans 17222

fungi 2247

isolation of oral filamentous microorganism 4719

Lactobacillus acidophilus growth, inhib. by serum globulin 40780

Leptotrichia buccalis isolation 4727

Micrococcus pyogenes, classif. 36984

modifications of oropharyngeal bact., eff. on psychodynamic state 8427

stages of oral clearance of Klebsiella pneumoniae type B from mice 5187

***neoplasms***

blue nevus 41245

buccopharyngeal, surg., single-block excis. (Fr) 45018

complicating pulm. tuberc. (Fr) 28379

cytol. diag. & progn. 6224

diag. & ther. 17679

diag. & ther. of intraoral cancer 41159

epitheliomas with modified stroma (Fr) 39499

etiol. classif. & radiother., statist. (Sp) 20643

etiol. role of smoking in India 40910

etiol., tobacco smoking (Fr) 44681

liver dysfunct. as predisposing factor 54761

malignant melanoma, review of cases 14741

melanoma 20134

mixed tumor of floor of mouth in 7-year-old child 41254

neurofibroma (Ger) 41718

of floor of mouth, surg., monoblock exeresis of floor & of submaxillary spaces with resection of alveolar border (Fr) 51457

palliative ther. 5170

radical surg. 5207

radiother. & surg., comparison 1795

radiother. causing dent. lesions & mandibular necrosis (Rus) 10793

retromolar area, surg. technic 34930

surg., commando technic, results 54750

surg., technic of hemiglossectomy, hemimandibulectomy & radical neck dissection en bloc (Por) 8746

tumor tissue glycogen content (Ger) 34170

***radiography***

rectangular x-ray technic (Cz) 48659

***surgery***

anesth., general, indic. (Fr) 39498

buccal mucous autotranspl. in central perf. of tympanic membrane with intact ossicular chain 35341

***ulcers***

canker sores, classif. & ther., review 30356

***wounds and injuries***

impalement inj., management (Ger) 22783

**MOVEMENT**

***see also*** **GAIT**

classif. of dynamic components of coordinating structures of human locomotor activities (Rus) 25912

CNS control (Ger) 44933

conditioning & inhib. of laterality (Fr) 36125

develop. of motor activity in inf. & child (Fr) 55521

develop. of motor behavior patterns in Negroes & whites, comparative racial & socio-econ. status 53623

develop. of motor control for walking in cerebral palsied child. 30640

distal motor activity in pregn. (Ger) 34212

eff. of cerebellar stimulation (Rus) 48000

eff. of chlorpromazine & secobarbital on motor behavior 50837

eff. of fatigue on spontaneous speed of simple voluntary movement (Fr) 38734

eff. of long confinement on voluntary wheel-running by rats 50506

eff. of lower limb amputation & prolonged use of prosth. on motor-skeletal system, clin. & x-ray study 36001

eff. of motor activity on inhib. (Cz) 38193

eff. of public & private success & failure on child. repetitive motor behavior 2834

eff. of schizophrenic serum on motor performance in rats, comparison with normal serum 12621

eff. of type of higher nerv. activity on motor chronaxy in exper. tuberc. in dogs (Rus) 7802

electromyography of leg musc. during movements of free foot & during standing 47096

funct. state of centers involved in form. of tension dominance (Rus) 49526

funct. test of motor analyzer in workers, electrical sensitivity & liability technic (Rus) 3805

gamma neural system control of motor system, review (Cz) 26528

hypermetria tests of cerebellar funct. (Fr) 44731

interaction in simultaneous motor funct. in hemiparesis 46445

level walking at various speeds, measurement of energy expenditure 40172

locomotor manifest. of rheum. (Rum) 31121

motor activity of dogs, measurement & recording technic (Fr) 3124

motor automatism as early sign of schizophrenia (It) 8627

motor develop. in Negro child. 7881

motor funct. in inf. (Rus) 7927

motor habit form., eff. on EEG (Rus) 23257

movement-recording of fetus, technics & clin. value 14224

neurophysiol. correlates in human stereotaxis 31588

perception, figural after-eff., comparison of real with apparent movement 17335

perception of movement by young chimpanzees & young child. 50509

physiol. & med. aspects of test marches (Fin) 32485

plantar reflex during walking (Cz) 2782

principles in man (Ger) 36468

psychomotor develop., eff. of dia. & hospitalization in inf. & child. (It) 42803

psychomotor excitability, diurnal spontaneous fluctuations (Ger) 27167

psychomotor funct. impairment in early diag. of Huntington's chorea 33835

resp. & pulse rate of horses during transition from rest to movement (Ger) 55462

restlessness, etiol. & meprobamate ther. 3165

rhythm adaptation in form. of motor stereotype, EEG (Rus) 49524

skeletal motility, psychoanalytic interpretation 4394

tactile illusion of movement (Ger) 33930

teaching a blind cerebral palsied child to walk 30643

underlying neurol. mechanisms in motor funct. restitution in presence of cortical lesions in monkeys under phenobarbital narcosis 52587

velocity, eff. on exactness of movement (Ger) 28050

visual motor reaction time measurement in paralysis agitans, new device 7400

visually controlled locomotion in animals 2130

**MOVEMENT DISORDERS**

***see also*** **ATHETOSIS**

***see also*** **CHOREA**

***see also*** **TREMOR**

abnorm. movements of face, tongue & arm in spasmodic torticollis, surg. (Fr) 9157

asterixis, occurrence in chronic pulm. dis. & general mechanism 7436

athetosic hypertonicity, rigidity & spasticity in cerebral lesions, behavior of stretch reflex (Fr) 44622

causes & diag. (Ger) 36468

choreo-athetoid movements in ment. defic., procaine amide ther. 24461

disord. of voluntary movement in cerebral cortex lesions (It) 32122

dyskinesia in terminal stage of subacute presenile spongiform brain atrophy (Ger) 27173

hist. of understanding of involuntary movements 50900

pneumotaxic localisation, recording, stimulation & section of structures of base of brain in dyskinesia 19794

synkinesis & associated movement, eff. of laterality (Fr) 36124

torsion dystonia synd., compensatory hyperkinesis & ther. (Rus) 34730

walk apraxia (Rus) 34813

***complications***

akinesia with mutism (It) 27677

eye dis. (Ger) 49020

***etiology and pathogenesis***

chlorpromazine & reserpine ther. of ment. disord. (Fr) 49229

electric & insulin shock ther. (It) 27673

hysteria, electromyographic & EEG studies (Rus) 46332

hysteria, mechanisms (Rus) 46331

intervertebral disloc., conservative ther. & surg. (Ger) 36490

prochlorperazine causing severe motility disord. after small dose 19860

***experimental***

amphetamine & methylphenidylacetate-induced hypermotility, eff. of chlorpromazine, perphenazine & promazine in mice (It) 37513

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

amphetamine, methylphenidylacetate & pipradrol-induced hypermotility, eff. of iproniazid in mice (It) 37514

induced by median sagittal section of cerebellum, in dogs (It) 1524

subthalamic hyperkinesis in monkey, eff. of secondary lesions in red nucleus & brachium conjunctivum 5514

*in infant and child*

cerebral motor disord., ther., rehabil., present-day facilities & needs in France (Fr) 37786

Gilles de la Tourette dis., case reports 47174

hyperkinesis with epilepsy in rheum. encephalitis (Rus) 34798

involuntary movements, ther., chemopallidectomy & chemothalamectomy, exhibit 8129

mirror movements with atlanto-occipital abnorm., atypical case (It) 32133

psychomotor synd. & other brain damage in inf. caused by labor acceleration & anesth. (Fr) 11985A

surg., chemopallidectomy & chemopallidothalamectomy 38649

*physiology*

electromyography in psychomotor disord. (Cz) 48644

psychomotor inhib., autonomic NS reactions (Ger) 46124

*surgery*

cerebral subcortical surg. in dyskinesia (Sp) 32455

*therapy*

diphenydramine in torsion spasms in ment. patients 12599

extrapyramidal hyperkinesis, chem. pallidectomy (Rus) 10941

iproniazid in psychoses with akinesia 24627

methylphenidylacetate in underactivity in ment. patients 3192

perphenazine in extrapyramidal hyperkinesis (Ger) 39021

prednisone with butazolidin (Ger) 6660

ultrasonic irradiation of pallidofugal & nigral complexes in hyperkinetic & hypertonic disord. 50948

weight bearing & gait train. in child. with appar. for maintaining upright position 43622

MUCIN

*see also* GASTRIC MUCIN

in salivary gland tumors 51026

selective staining with fluorescence stain 5665

*MUCINASES see* CARBOHYDRASES

MUCOPOLYSACCHARIDES

*see also* CHONDROITIN SULFATE

*see also* HEPARIN

*see also* HYALURONIC ACID

dermottin sulfate mixture with chondrotin sulfate yielding 2 disaccharides 22257

eff. of polypeptides extracted from inflamm. granulomas on collagen-mucopolysaccharide combinations in vitro (Fr) 36080

ground substance mucopolysaccharides, funct. interrelation with fibroblasts 13231

in aorta in cattle, funct. aspects, review 40879

in blood & connecting cartilage, eff. of somatotropin, in rats (It) 42577

in duodenal mucosa, biol. activity (It) 1910

in duodenal mucosa, metachromatic properties (It) 1909

in small intestine of mice & capable of inhibiting mouse encephalomyelitis virus 10875

*determination*

acid, differentiation from proteins by differential staining on paper (Fr) 15014

acid, histochem. technic with combined determ. of substances containing 1,2-glycol groups (It) 37440

acid mucopolysaccharides in beef retina, isolation & fractionation 47066

histol. & histochem. study in exper. epinephrine-induced dis. of aorta (It) 27360

in connective tissue, relation of content to binding of cationic dyes by tissue 28385

in duodenal mucosa, electrophoretic analysis (It) 1911

in secretion in vernal conjunctivitis, diag. value 48215

*effects*

on eye 47043

on response of capillary permeability to splenectomy, exper. study (It) 30669

*in blood*

in headache induced by vasodilating drugs, role of capillaries (It) 53586

in pregn. (It) 54247

*metabolism*

acid mucopolysaccharides in aorta, electrophoresis 40878

acid mucopolysaccharides in connective tissue, biochem. 7879

acid mucopolysaccharides in connective tissue, eff. of hormones 8643

acid mucopolysaccharides in eye & optic nerve, histochem demonstration in pathol. cond. 33026

acid mucopolysaccharide in retinal pigment epithelium & visual cell layer of developing mouse eye 47048

activation & transfer of sulfate groupings, mechanisms & role in biosynthesis 9557

arterial tissue, eff. of aging, radiosulfur study 50585

blood platelets of rats, chem. 44147

blood vessel walls, relation to elastic fibers & endothelial cells 51029

breast, distribution & significance in normal & pathol. cond. 709

cartilage of osteolathyric rats & chicks, uptake of sulfur, radioautography 44087

conjugated acid mucopolysaccharides in rat cartilage, eff. of testosterone admin. (It) 1934

content in granulation tissue induced by polyvinyl sponge in guinea pigs 31421

costal cartilage 21682

degradation of blood group-specific mucopolysaccharides by ficin & papain 19461

enzymatic degradation in graafian follicle, eff. on pre-ovulatory growth of follicle 11908

in connective tissue of cock's comb, radio-sulfur uptake, eff. of testosterone (Fr) 26718

in mesenchyma of gallbladder wall, disord. causing cholelithiasis (It) 51977

in rat skin, determ. of position of component L-iduronic acid in molecule 28234

mucopolysaccharides of connective tissue, eff. of testosterone on radiosulfur incorporation in cock's comb (Sp) 8985

normal & regenerating nerve in animals & humans, histochem. (Rus) 36885

placenta, in prolonged pregn. (It) 53691

stomach cancer tissue, comparison with gastric mucosa, fractionation method & chem. 22263

sulfomucopolysaccharides in connective tissue of exper. skin tumors in mice & Rous sarcoma in fowl, radioautographic studies 51308

sulfomucopolysaccharides in oviducts, uterus & vagina of rabbits, radioautographic & histochem. studies 11909

thyroid content of acid mucopolysaccharide 50438

MUCOR

*effect of drugs on*

copper on growth & metab. of Mucor adventitius aurantiacus (Ger) 25314

*MUCORMYCOSIS see* FUNGUS DISEASES

MUCOUS MEMBRANES

use of gastrointestinal mucous membrane as replacement for skin, exper. study 8041

*diseases*

caused by fuels of turbo-jet aircraft (Fr) 26582

histoplasmosis, review (Rus) 45639

leptothricosis & fungus dis. after antibiotic ther. (Rus) 36382

lesions in gastrointestinal hemorrh. caused by rare dis. 10427

submucous fibrosis of palate & oral mucous membrane, ther., cortisone 50610

*effect of radiations on*

acute reactions, prev. & ther. (It) 53755

histol. findings (It) 31654

*neoplasms*

angioma in child., ther. cryother. (Rus) 45637

contact x-ray ther., dos., focal distance & results (It) 31649

*MUCOVISCIDOSIS see* CYSTIC FIBROSIS OF PANCREAS

MUD THERAPY

eff. of mud baths on epinephrine-noradrenalin release in adrenal medulla (Ger) 46194

eff. on permeability of synovial membrane (It) 8669

in Portugal (Por) 16475

principles & indic. (Ger) 39941

*in various diseases*

dry mud (Rus) 22632

female sterility, statist. (Ger) 18937, 29400

mud baths, evaluation (Ger) 49041

rheum., chronic, eff. on work capacity (It) 27463

rheum., hyaluronidase-inhib. eff. (Ger) 42372

*MULTIPLE EXOSTOSIS see* EXOSTOSES, MULTIPLE

*MULTIPLE MYELOMA see* MYELOMA, PLASMA CELL

MULTIPLE SCLEROSIS

(Sp) 39109

case reports & review (Ger) 46052

diag. & management in GP 27519

progn. & ther. 14239

review 17009

use of human tissue culture cells to attempt isolation of virus from patients, failure 52583

*blood in*

isolation & characterization of substance with myelolytic action on spinal cord (Ger) 39040

thrombocyte agglut. 27033

*case reports*

(Ger) 9968

in adolescent 20702

spongy type 2025

*cerebrospinal fluid in*

cholesterol, comparative free & esterified levels, clin. value 69

cultivation & morphol. of CSF microorganism 35696

failure to isolate Spirochaeta myelophthora 20807

spirochetal antigen fraction isolated from CSF 46922

unusual changes (Ger) 32269

*complications*

cataract (Pol) 30083

paralysis & flexion deform. of lower limbs, rehabil. after amputation of legs 47781

spastic paraplegia, surg., orthopedic surg. (Ger) 43807

tetany, case reports (Fr) 9143

urinary tract infect., management 26440

uveoneuritis synd. (Fr) 41911

*diagnosis*

EEG 39169

pyruvate tolerance test 27032

serol. with Margulis-Shubladze vaccine (Rus) 34772

*differential diagnosis*

vitamin B12 defic., new tests (Dan) 22393

*epidemiology*

in Iraq 33059

in Japan, clin. data 19790

in Montana 5280

*etiology and pathogenesis*

auto-intoxication & constitutional factors (Ger) 19397, 19417

based on lipid metab., review 46712

causal relation to acute disseminated encephalomyelitis virus (Ger) 52569

infect. concept of etiol., failure to demonstrate 31582

malnutrition (Ger) 22974

Mycobacterium, negative bacteriol. & serol. tests (Ger) 6652

relation of emotional factors to onset & exacerbations 44255

spirochetosis (Ger) 55680

theory (Ger) 42381

*heredity*

(Fr) 38795

familial 33053

genetic factors (Ger) 39000

in twins, genetics & clin. manifest. 23407

*in pregnancy*

2991

possible etiol. role of pregn. (Hun) 4137

*manifestations*

deafness, sudden bilateral, as initial sympt. (Ger) 19763

gross inequality of palpebral fissures before & after onset 37820

tonic seizures 2020

*metabolism*

review (Ger) 27155

review (Pol) 30909

*microbiology*

detection of living micro-organism, comparison with Ichelson's spirochetes 37940


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

***pathology***

autonomic end-formations in skin (Ger) 46657

bone marrow changes (Ger) 33838

concentric type, acute onset (Fr) 44733

regularity in pattern of histopathol. changes (Hun) 4132

***therapy***

26158

by pharmacol. reduction of abnorm. within minutes, statist. 28545

castration by x-irradiation in women (Ger) 20845

fludrocortisone, subarachnoid admin., clin. results 29318

isoniazid (Bul) 45312

isoniazid alone & with streptomycin, comparison with cortisone (Ger) 33866

Margulis & Šubladze vacc. prep. (Ger) 3247

neural ther. (Ger) 4058

psychiatric approach to management 28503

**MUMPS**

prednisone-like eff. of mumps in nephrotic patients (Dur) 18575

***complications***

diabetes mellitus (Sw) 43230

meningoencephalitis, fatal case (Rus) 45237

myocarditis 24990

orchitis, fatal (Nor) 43231

orchitis, review 15044

orchitis, ther., ACTH & adrenal cortex hormones 5354

orchitis with atrophy causing disgerminoma, case report 8106

orchitis with sterility (Ser) 9959

pancreatitis, case report 45569

purpura, thrombopenic, pathogen. & ther. 40256

scarlet fever, antibody prod. (Ger) 34481

***diagnosis***

simplified hemagglut.-inhib. test using mumps virus-formolized erythrocyte complex (Fr) 47418

***epidemiology***

in Guam, simultaneous mumps & Japanese B encephalitis epidemic 884

885

***immunology***

allergic cutaneous reaction & complement fixation reaction, significance (Fr) 9046

size of mumps skin test reactions & correlation with antibody levels 5268

***manifestations***

coronary sinus rhythm & Wolff-Parkinson-White synd. (It) 42675

vestibular synd. preceding mumps (It) 25963

***prevention and control***

live vaccine, epidemiol. effectiveness of single intradermal inject. in child. 24209

live vaccine, immunogenic properties after intradermal admin. to child. 24208

vaccine, evaluation in man 23770

***therapy***

chloramphenicol-tetracycline prep. in mumps & compl. (Sp) 9728

dihydroergotamine in child. 50612

prednisone (It) 23757

***virus***

adsorption by nerv. substance of chick embryo 7751

antibody & virus determ. by means of hemagglut., photometric method (Ger) 34507

eff. of saliva on viral hemagglutinins (Rus) 33650

excretion in urine, detection & duration 31367

infect. of tissue culture, resist. to herpes simplex virus 5015

inject. of mumps virus antigen into anterior chamber of eye, causing acute eosinophilic keratitis of possible allergic nature in guinea pigs (Sp) 53911

inoculation of guinea pigs, appearance of complement-fixing antibodies after booster inject. (Fr) 21313

inoculation of guinea pigs, factors influencing prod. of complement-fixing antibodies (Fr) 21312

isolation from blood of infected patients 42

protective eff. of seaweed extracts on chick embryos infected with mumps virus 44082

***MURDER see*** **HOMICIDE**

***MURINE TYPHUS see*** **TYPHUS, MURINE**

***MURMURS, CARDIAC see*** **CARDIAC MURMURS AND SOUNDS**

***MUSCARINE see*** **PARASYMPATHOMIMETICS**

**MUSCLE PROTEINS**

actin with high activity, prep. technic (Fr) 38646

actomyosin from insect. musc., interaction with ATP 4809

actomyosin, structure & physicochem. (Rus) 25906

contractile proteins, relation to ATP, review (Rus) 55172

crystallization of myosins A & B from mouse myocardium & their ATPase activity 49293

*eff.* of inorganic polyphosphates on viscosity & dissociation of actomyosin solutions (Ger) 46570

electrophoretic analysis in fish (It) 44790

hemins of bovine myocardium 4780

in insect musc., electrophoresis (It) 53806

isolation & properties of myofibrillar proteins from thawed musc. of rabbits 37100

isolation & properties of $\gamma'$-myosin from dystrophic & normal musc. of rabbits 37101

isolation & properties of new protein from mammalian musc. 9607

meromyosins, nature & composition 9567

metmyoglobin-cyanide complex, sigmoid shape of dissociation curve around equilibrium (Ger) 23600

molecular weight & shape of cod fibrillar proteins 13703

myosin B interactions with ATP, flow-birefringence study 47951

myosin, separation of ATPase & 5'-adenylic acid deaminase activities 3456

review (Rus) 55173

spontaneous conversion of actomyosin molecules in solution (Rus) 55301

***metabolism***

actin & myosin form. in embryonic stages & in regenerating limbs of salamander 29820

actomyosin interaction with ATP in extracted myocardial bundles 751

actomyosin sulfhydryl cpds. composition, in diphasic musc. activity, review (Rus) 22489

alkaline precipitation of myosin in actomyosin-adenylpyrophosphate system, significance 50068

configurational changes during musc. contraction 19514

*eff.* of insulin on amino acid incorporation into proteins of rat diaphragm in vitro 25850

*eff.* of various metabolites on amino acid incorporation into proteins of normal rat diaphragm 13739

myosin, *eff.* of section of sciatic nerve (Rus) 22650

sarcoplasm, determ. with radiosulfur-labeled methionine (Rus) 1732

**MUSCLE RELAXANTS**

***see also*** **CURARE**

***see also*** **MEPHENESIN**

***see also*** **METHONIUM COMPOUNDS**

***see also*** **PAPAVERINE**

***see also*** **PARASYMPATHOLYTICS**

***see also*** **SUCCINYLCHOLINE**

***see also*** **TRIHEXYPHENIDYL**

1-bicyclohexylcarboxylic acid amine esters & related iodomethylates, spasmolytic properties & chem. structure (Fr) 26742

bis-[2-(dimethyl-β-acetoxypropane)-aminoethoxyl]-decane, pharmacol. (Fr) 54892

chromone deriv. (Rus) 49430

cyclohexane deriv. (Cz) 38246

2-ethyl-1-phenyl-1-(β-piperdinoethyl)-butyronitrile, pharmacol. (Ger) 36943

factors influencing action of neuromusc. blocking substances 6260

laudexium & succinylcholine combination products, prep. & pharmacol. 29859

pastinacin, isolation from Pastinaca sativa & vasotonic & spasmolytic properties (Rus) 49432

pharmacol. & hypothesis of neuromyal transm. 20497

polymethylene bis-ethyl-theobromine, quaternary ammonium salts (Fr) 26746

prep. based on pachy- & leptocurare, interrelationship (Rus) 39334

promoxolane, pharmacol. assay in mice (It) 37512

quaternary ammonium salts of theobromine & theophylline, pharmacol. (Fr) 32953

review 5301

thiocolchicoside (It) 27664

xoxazolamine, metab. & uricosuric properties 577

***administration***

bis-p-dimethylamino-ethoxy-phenyl-3-methyl butane diiodomethane & brevalonal in chest surg. (Fr) 12991

bis-p-dimethylamino-ethoxy-phenyl-3-methyl butane diiodomethane with succinylcholine (Fr) 12987

cyclospasmol with magnesium oxide, pharmacol. (Dut) 43589

***antagonists***

***see also*** **PYROPHOSPHATES**

edrophonium, *eff.* on neuromusc. block in cat 23987

tetrahydroaminacrin, pharmacol. 17956

***effects***

aprophene & diprophene, on coronary circ. in exper. myocardial infarct (Rus) 3556

benzoquinonium chloride, neuromusc. blocking action in cats & in hens 48244

benzoquinonium, interaction with other neuromusc. blocking agents 23997

bulbocapnine-induction of catalepsy in mouse, pharmacol. (Ger) 13469

dibazol, on chlorpromazine activity (Rus) 3563

dibazol, on kidney funct. (Rus) 3568

dibazol on NS inhib. in animals (Rus) 49427

diethazine on EEG & behavior of patients at various stages of electroshock ther. 76

1-diethylamino-1-(p-ethoxy-phenyl)-3-phenyl-butane & 1-(3, 4-dimethoxy)4-diphenyl-1-dimethylamino-butane, on isolated guinea pig uterus & on human uterine fibers (Ger) 49819

2-diethylaminoethyl 2, 2-diphenyl-valerate on end-plate uptake of labeled curarine in phrenicotomized mice, radioautographic determ. (Ger) 39917

diethylaminoethyl ester of ethyl-phenylmalonate monoethyl hydrobromide, eff. on exper. spasms, comparison with various spasmolytics (It) 37330

3-diethylaminoethyl-3-phenyl-glutarimide on gastric secretion & gastrointestinal motility (Fr) 27531

3-diethylaminoethyl-3-phenyl-glutarimide, physiol. eff. on peripheral & central NS in mice (Ger) 44939

diplacyn, ganglion blocking activity in hypothermia (Rus) 3550

flavonoids, spasmolytic eff. on isolated bowel, relation to structure (Ger) 30605

gallamine on isolated muscle spindles of frogs (Ger) 29901

gallamine triethiodide on heat prod. in various animal species (Fr) 54886

glyceryl guaiacolate, on resp. (Ger) 11410

interaction with acetylcholine at mammalian motor end-plate 23536

neuromusc. blocking action of vitamin B1 & deriv. in cats 24763

on EEG, carotid admin. in dogs (It 51956

on exper. tetanus, intramusc. admin., in animals (Rus) 45859

pentolinium tartrate on aqueous humor dynamics, failure to demonstrate activity by tonometry & tonography 12439

pentolinium tartrate on responses of peripheral effector cells to arterenol, epinephrine & postganglionic stimulation in cats 48239

phenol & its deriv., non-specific spasmolytic activity in vitro (Fr) 47733

3-phenylpropylamine deriv., habit-forming properties in rats (Fr) 32924

piperidolate HCl on Oddi's sphincter funct. in guinea pig (Fr) 26853

relaxant eff. of neomycin & its fractions on frog nerve-musc. prep. 31463

succinic acid dimethyl-aminoethanol ester diiodomethylate, eff. of Congo red on reactivity (Rus) 37210

***injurious effects***

1-bicyclo-2, 2, 1(hept-5-en-2-yl)-1-phenyl-3-piperidino-propanol causing psychoses in ther. of paralysis agitans (Ger) 3258

postop. apnea & resp. insuff. 35931

***metabolism***

diethylthioacetic acid 2-diethyl aminoethyl ester (Rus) 37206

gallamine, diaplacental passage (Ger) 12905

***therapeutic use***

adjuvant in anesth. for bronchoscopy, technic & results (Rus) 18189

adjuvant in exam. in diag. of gyn. dis. (Ger) 49754

adjuvant in intravenous thiopental anesth. for esophagoscopy (Rus) 45736

alkylated pyridines & piperidines, testing (Ger) 36928

appendicular colic (Rus) 45208

avafortan, amyl nitrite, glycerine trinitrate & others, with analgesics, in acute pancreatitis 45059

baralgin in chronic obliterating perioheral arteriopathy (It) 51902

baralgin in threatened abortion & premature labor (It) 9414

benztropine methanesulfonate in paralysis agitans 43713

benztropine methanesulfonate in paralysis agitans (Sp) 44407

1-bicyclo-2, 2, 1(hept-5-en-2-yl)-1-phenyl-3-piperidino-propanol in closed brain inj. (Ger) 19328

1-bicyclo-2, 2, 1(hept-5-en-2-yl)-1-phenyl-3-piperidino-propanol in paralysis agitans, failure to demonstrate develop. of postther. glaucoma 2331

bis-[2-(dimethyl-β-acetoxypropane aminoethoxy] decane premedication in anesth. (Fr) 418

bis-p-dimethylamino-ethoxy-phenyl-3-methyl butane diiodomethane as adjuvant in potentiated anesth. (Fr) 417

chibicon in epilepsy (Rus) 34685

cyclospasmol in peripheral arteriopathy (Sp) 9701

dihanol in angina pectoris (Rus) 45204

dicyclomine-doxylamine succinate vitamin B6 prep. in nausea & vomiting in pregn. 4317

dicyclomine in funct. uterine bleeding (It) 21496

diethazine in extrapyramidal dis. (Rus) 34689

diethazine premedication in thyroid surg. (Rus) 31160

β-diethylaminoethyl-2-methyl-2-methyl-1-phenyl-valerate in dystocia (Sp) 9682

β-diethylaminoethyl 2-methyl-1-phenyl-valerate in funct. vegetative disord. & dystonia, with ergotamine & reserpine (Sp) 53344

3-diethylaminoethyl-3-phenyl-glutarimide in paralysis agitans (Fr) 47455

3-diethylaminoethyl-3-phenyl-glutarimide in paralysis agitans (It) 25639

3-diethylaminoethyl-3-phenyl-glutarimide in paralysis agitans, comparison with other drugs (Ger) 9529

3-(β-diethylaminoethyl)-3-phenyl-glutarimide in various forms of paralysis agitans (Ger) 18953

N,N'-diisopropyl-3,3-diphenyl-propylamine - D-glucitol prep. in biliary tract dis. 12297

1-(3,4-dimethoxyphenyl)-1-dimethylamino-4-phenylbutane in labor acceleration & relief (Ger) 6703

23223

42333

dimethylaminoethyl 3-amino-4-chlorobenzoate in peptic ulcer, new prescription (It) 13917

dimethylcaramiphen in peptic ulcer (Ger) 32967

diphenhydramine deriv. in paralysis agitans, clin. & myographic studies (Ger) 39038

flatulent dyspepsia (Fr) 39483

gastrointestinal dis. 29337

glyceryl guaiacolate, adjuvant in abdom. surg. (Bul) 28701

glyceryl-guaiacolate in labor pains, with vitamin B1 & tolazoline (Sp) 32456

glyceryl-guaiacolate in severe tetanus, with specific serum ther. (It) 27462

glyceryl-guaiacolate in surg. (It) 6778

heptaminol adjuvant in electroshock ther., myelography & ventriculography (Fr) 1005

hexamethylenebiscarbamoylcholine iodide in anesth., inhib. eff. of neostigmine (Ger) 12099

in anesth. (Bul) 28721

in endotracheal anesth. in esophagus & abdom. surg. (Rus) 18250

6-isoamylamino-2-methyl heptane in labor (Sp) 8952

isopromedol in esophagoscopy (Rus) 54570

kolantyl in gastrointestinal disord. in aged 4441

5-(o-methoxyphenoxymethyl)-2-oxazolidone in ment. disord. 12600

3-(o-methoxyphenoxy)-1,2-propanediol monocarbamate, clin. evaluation 41050

3-(o-methoxyphenoxy)-1,2-propanediol monocarbamate in neuromusc. disord. 48424

3-methyl-1-phenyl-4-piperidinomethyl pyrazolone in gastrointestinal disord. 17415

misuse in anesth. 42125

2-oxo-5-chlorobenzoxazole in neurol. dis. 10698

paralysis agitans, pharmacodynamic study of drugs used (Fr) 43958

penicillinum tartrate in arterial hypertension (Dan) 1629

penicillinum tartrate in hypertension, case reports (Fr) 20678

4-phenyl-4-propoxy-1,2,5-trimethylpiperidine in labor acceleration (Rus) 45120

potentiation of general anesth. in thoracic & abdom. surg.; clin. & exper. trial (Rus) 18105

salicylate pois., with artif. resp. 23542

tetanus (Ser) 51719

tetanus in 80 year old man (Ger) 55369

trachanthin in asthma & hypertension (Rus) 10238

zoxazolamine in spastic disord. & contracture caused by spinal cord inj. 25514

## MUSCLES

*see also* DIAPHRAGM

*see also* FASCIA

*see also* MYONEURAL JUNCTION

*see also* NERVE-MUSCLE PREPARATION

*see also* TENDONS

pneumatic isotonic lever system for measurement of external work performed by dog musc. 4681

### *abnormalities*

amyoplasia congenita, review & case reports 13484

### *anatomy and histology*

arteries & nerves, macroscopic & microscopic exam. (Rus) 13563

fast & slow fibers, histol. differences in cockroaches (Dut) 7356

gross anat. of musculature of seals 20113

non-fibrillar components of frog striated musc., electron microscopy 37812

normal & pathol. human musc., combined McManus periodic acid Schiff-reaction & Sudan black stain on gelatin sections 23562

striations of skeletal musc. 19657

structures in fast & slow fibers in striated musc. of frogs 16787

ultrastructure of skeletal & cardiac musc. fibers, review (It) 53800

### *blood supply*

arteriolar changes in peripheral vasc. dis., histopathol. (It) 39689

blood circ. during musc. relaxation (Ger) 36465

blood circ., radio-isotope determ. (Ger) 36467

blood circ., regulation mechanisms (Ger) 36466

capillary circ., eff. of syncardial massage (Ger) 38098

circ., causes of spontaneous & reflex changes (Ger) 33990

circ. dynamics based on resorption, hyperemia & exercise tests (Ger) 32704

circ., eff. of cold (Ger) 30585

circ., eff. of intraarterial oxygen inject. in arterial occlusion (Ger) 49079

circ. in striated musc. in epinephrine-induced pulm. edema in rats, histopathol. 5679

total capillary bed in striated musc. of guinea pigs from high-altitude regions 754

### *diseases*

acute dystonia caused by perphenazine ther. of vomiting in pregn. 48286

adynamia in exper. adrenal cortex insuff. in rats 305

allergic musculoskeletal synd. in child., etiol. & manifest. 50012

amyotrophia in spinocerebellar degen. (Sp) 27223

atrophy caused by denervation, ther., electric stimulation 48762

atrophy, dystrophy, hypertrophy & myotonia in myxedema (Sp) 36539

atrophy induced by exper. nerve inj. in rats, eff. of various hormones on regression 49266

blood enzyme activity variations 48415

caused by lung & esophageal cancer 16376

contributions of phys. sciences to problems of neuromusc. dysfunct. 47536

cysticercosis, review & case reports (Por) 18830

descriptive epidemiol., review 17005

differentiation from polyradiculitis (It) 32124

dystonia, ther., chemopallidectomy & chemothalamectomy, technic 53534

dystonia, ther., β-diethylaminoethyl 2-methyl-1-phenyl-valerate with ergotamine & reserpine (Sp) 53344

dystrophy, types & ther. 20363

echinococcosis (Rus) 5969

eff. of selenium & vitamin E on white musc. dis. in ewes 21707

electrodiag. stimulators for neuromusc. disord., types & designs 2207

exper., induced by potassium defic. in rabbits, determ. of excitability 7398

exper. musc. hypertrophy, eff. of post-mortem changes on assessment of dis. in pulm. arteries 14709

flexion contracture in Simmond's dis. with generalized skin atrophy, clin & postmortem pathol. (Fr) 54105

generalized musc. weakness caused by quinidine pois. 48304

glutamic-oxalacetic transaminase activity of blood, clin. significance (Ch) 38374

hered. musc. dystrophy in mice, eff. on musc. enzyme activies 31372

hypertonia & hypotonia in rheum., physiopathol. & ther. (Sp) 27240

hypertonic disord., ther., ultrasonic irradiation of pallidofugal & nigral complexes 50948

hypertrophy, generalized, with gigantism in 2 year-old boy, case report (Fr) 25458

hypotonic dis. in inf., progn. value of musc. biopsy 48131

incidence in Rochester, Minnesota 17005

menopausal dystrophy, non-neurogenic, metab. & endocrine aspects & case reports (Ger) 21597

musc. weakness in inf. & child. systemic diag. approach 16610

musculoskeletal tension synd., foot manifest. 4589

myasthenia levis, non-paralytic causing low back pain (Dut) 7310

myofascitis (Cz) 11850

myosclerosis with pseudotumoral hypertrophy of mesentery, case report (Fr) 53995

necrosis in carbon monoxide pois. causing acute renal failure, fatal case 6133

neuromusc. dis., ther., 3-(o-methoxyphenoxy)-1,2-propanediol monocarbamate 48424

neuromusc. disord. caused by perphenazine, differ. diag. from conversion hysteria 39165

neuromusc. disord. in child., eff. on glutamic-oxalacetic transaminases in blood 43495

neuromyasthenia, outbreak in Florida 17291

neuromyopathies in cancer patients 28960

occup., in indust. workers in Denmark, prev. by phys. ther. 42175

pain from musc. tension, ther., active relaxation technic 20335

pain in neuromusc. dis., review 29277

pain, ther., cryopuncture (Fr) 45390

post-traum. ossification (Ger) 11419

primary non-hereditary dis. manifested by extensive musc. contractures & atrophies, case report (Ger) 39042

pseudohypertrophic musc. dystrophy, EEG manifest. 21869

reflex dystrophy of arms & hands, neurol. manifest. & pathogen. (Ger) 32275

reflex tone disord., myographic manifest. (Ger) 36471

review 17010

rigidity, spasticity & athetosic hypertonicity in cerebral lesions, electromyography of biceps stretch reflex & measurement of rigidity (Fr) 44622

sarcoidosis of skeletal musc. simulating progressive musc. dystrophy (Ger) 19764

sensory neuromyopathy with cancer of lung, onset 3 1/2 years before diag. of cancer 38020

serum glutamic-oxalacetic transaminases, electrophoretic migration (Fr) 26797

skeletal musc. tone disord., physiopathol. & clin. manifest. (Ger) 36473

spasm, method of quantative measurement of spasticity & its response to ther. 13490

spinal nuclear amyotrophy & other causes of flaccidity in inf., review 28652

ther. (Ger) 36470

thyrotoxic myopathy 41217

thyrotoxic myopathy in aged, differ. diag. from polymyositis 35173

traum. disord. of insertions 40307

wax-like degen. of skeletal musc. of swine, vitamin E content of various organs (Ger) 28064

### *effect of drugs on*

acetylcholine, epinephrine & histamine on involuntary musculature of isolated rabbit small intestine, mechanisms of dual activity of stimulation & inhib. 16395

amines, betaines, cyanides & quaternary ammonium cpds., relation between stimulant activity & structure (Ger) 23636

4-aminobutyric acid & factor I from brain extracts on contraction of smooth musc. prep. in vitro 51105

angiotonin I, on isolated ileal segments, indirect action 19549

arterenol & epinephrine inhib. of electrically induced contractions of guinea pig ileum, antag. by sympatholytics (Ger) 29807

arterenol, epinephrine & isoproterenol 28619

atropine & sodium decylsulfonate on isolated musc. prep. (Ger) 29902

atropine, diphenmethanil, scopolamine N-butylbromide, papaverine, anticholinergic action on guinea pig ileum (It) 37337

atropine on mammalian striated musc. 17933

biol. stimulants on smooth musc., response to reserpine (Fr) 40922

copper sulfate on cysteine & edathamil reactivity (Rus) 22653

2,4-dinitrophenol & 2,6-dinitrophenol, eff. of lethal dos. on post-mortal musc. content of lactic acid & pyruvic acid in rats (It) 14004

2,4-dinitrophenol & 2,6-dinitrophenol, eff. of lethal dos. on post-mortal total buffer capacity of musc. of rats (It) 14003

2,4-dinitrophenol on metab. in denervated musc. (Cz) 30213

dinitrophenol, sodium fluoride & sodium monoiodoacetate on tonic & tetanic reactions of isolated musc. fibers of frogs & rats (Rus) 13044

diphtheria toxin inject. in rabbits causing dystrophic lesions 141

eff. on body wall musculature of Taenia crassicollis 24005

erythrophleum alkaloids on single twitch & veratrine response of frog musc., antiveratrinic mechanism 51075

ferrous ions on smooth musc. under various exp. cond. in situ (Ger) 29913

guanylic acid deriv. on musc. work capacity in rats (Rus) 41625

isofluorophate & botulinum toxin on rat diaphragm prep., combined eff. 23990

isolated guinea pig ileum extracts, smooth musc. contracting action 28612

S-methylisothiourea sulfate on smooth musc. fibers (Fr) 26851

microbath for testing eff. of drugs on pieces of smooth musc. 48241

oxophenarsine, mersalyl & copper glycinate on membrane & action potential (Ger) 43015

pentachlorophenol on ATPase activity & contractility of rabbit psoas musc. 47936

pharmacol. action of various drugs on electrically stimulated isolated smooth musc. (Ger) 29885

picrotoxin blocking of peripheral inhib. in opener musc. of crayfish claw 17981

pyruvate, comparative response of musc. of animals & insects poisoned by iodoacetic acid (It) 31723

serotonin,eff. on smooth musc., antag. by nicotinamide in rats 32337

sodium, dependence of rat colon strip tension on sodium gradient 48725

steroid hormones in vitamin E-defic. rabbits 40537

streptolysin O, eff. of intracerebral admin. on smooth musc. activity (Cz) 38231

sulfonylurea cpds. on metab. of frog musc., relation to chem. structure 31302

testosterone on carbohydrate metab. in rabbit 13462

tetraethylammonium iodide & its monochlor deriv. on N-cholinoreactive system in skeletal musc. in cats (Rus) 33184

various biologically active amines with smooth musc. contracting eff., antag. by antihistaminics in rats (It) 13977

various drugs on depolarized plain musc. 17977

veratrine, on skeletal musc. of normal & myasthenic subjects 43124

***effect of radiations on***

x-rays, on isolated musc. (Ger) 9995

***embryology***

contraction of glycerinated myoblasts from chick embryos 12947

growth of chick embryo musc. in vitro, eff. of cortisone admin. 39265

technic for study of myogenesis in vitro 39287

trunk musc. develop. in frogs 12936

***innervation***

skeletal musc. 24604

striated musc., review (Cz) 48602

trophic eff. of ganglionic appar. on post-ganglionic chain of smooth musc. innervation (Rus) 15765

***metabolism***

acetoacetate & glucose uptake by diaphragm & skeletal musc. from diabetic & control rats 40531

acetyl phosphatase of rat musc., eff. of thyroxin on enzyme activity 13771

acetylthiocholine, butyrylthiocholine & propionylcholine, enzymic hydrolysis in frog rectus abdominis musc. (Fr) 15669

adenosine phosphates in frog striated musc., radioautographic localization 51111

adenylpyrophosphate, enzymatic degradation (It) 1863

amino acid content, decrease with age 44153

amino acid levels in exper. lathyrism 24829

ammonia level, eff. of anoxia, ischemia, asphyxia & hypothermia on rabbits (Ger) 5474

anaerobic glycolysis in insect musc. (Ger) 25883

anaerobic in insects (Cz) 36212

ATP & phosphocreatine, eff. of exper. pois. with solvents (Rus) 22651

ATP dephosphorylation rate during isotonic & isometric contraction of glycerol-treated musc. fibers 12537

biochem. study in dogs under controlled hypothermia 34963

calcium movement in frog muscle, determinants 35818

carbohydrates & phosphorus, eff. of adiphenine & hexamethonium (Rus) 33180

carbohydrates, in brain tumors (Rus) 34756

carnosine phosphate as phosphate donor in musc. contraction 19491

cholesterol, eff. of various cond. of thyroid disequilibrium in rats (It) 37515

cholinesterase in myoneural junction & musculotendinous junction of rectus abdom. musc. in frogs, histochem. differentiation (Fr) 48829

cholinesterase in smooth musc., interference of esterases in histochem. determ. (Fr) 26843

cholinesterase, phosphatases & succinic dehydrogenase in goat fetal cardiac & skeletal musc. & human fetal musc. 46550

clin. importance (Ger) 36472

coenzyme A content, eff. of thiopental sodium anesth. in dogs (It) 13959

coenzyme A in normal rabbits & in rabbits with exper. progr. musc. atrophy (It) 37388

creatine & imidazole cpds. in salmon, influence of diet on content 19615

creatinine & phosphocreatine synthesis from glycocyamine & phosphoglycocyamine in vitro (It) 37359

2-desoxyglucose, penetration & phosphorylation in rat diaphragm 40564

6-diazo-5-oxo-norleucine, concentrative uptake 44089

eff. of adenylpyrophosphoric acid on oxidative metab. of homogenates of guinea pig myometrium & diaphragm (It) 44829

eff. of glucose loading on glucose & hexosephosphate levels & extracellular space in musc. of normal & diabetic mice (Ger) 49905

eff. of portal infusion of insulin on incorporation of radiocarbon labeled glucose into glycogen in rats (Ger) 49259

electrolyte composition in electrolyte-depleted rats, eff. of sodium, potassium & chloride supplementation 12544

electrolyte exchange in frog smooth musc. in vitro 12487

electrolytes, value of bioptic analysis in diag. & ther. of metab. dis. (Pol) 30782

enzyme system from rat skeletal musc. catalyzing form. of phosphocreatine from 1,3-diphosphoglyceric acid 37068

extracellular & intracellular ion concentration, relation to neuromusc. excitability & fatigue in rats (Fr) 14379

fatty acid oxidation in vitro, eff. of vitamin B T 54417

fluorokinase isolation from rabbit musc. & possible identity with pyruvate phosphokinase 47714

glucose & xylose accumulation, eff. of anaerobiosis, insulin & metab. poisons in isolated rat diaphragm 25875

glucose, eff. of carbutamide in isolated rat diaphragm, radiocarbon determ. 1605

glucose-6-phosphate cycle & glycolysis in smooth musc. of pigeons (Ger) 49883

glucose uptake & insulin degradation in isolated rat diaphram & diaphragm extracts, eff. of proteins 28235

glucose uptake & potassium release, eff. of anaerobiosis, insulin & metab. poisons in isolated rat diaphragm 25874

glucose uptake by isolated rat diaphragm, eff. of acetylsalicylic acid, review 7568

glucose uptake, eff. of blood fractions from schizophrenics in rats 27015

glucose uptake, eff. of serotonin creatinine sulfate in rat diaphragm 23340

glucose uptake in rat diaphragm, eff. of glucagon 40801

glucose uptake in rat diaphragm, eff. of protein fractions from human blood 40800

glucose utilization in rat diaphragm, eff. of 6-deoxy-6-fluoroglucose 44130

glutathione, eff. of vitamin E defic. in rabbit 28262

α-glycerophosphate oxidase of flight muscle mitochondria, reaction factors 16933

α-glycerophosphate oxidase system in rabbit musc., determ. of components 9606

glycogen biosynthetic pathway in rat diaphragm involving coenzyme II & uridine phosphates 37125

glycogen determ. in normal & in diseased human skeletal musc., technics 23569

glycogen, eff. of glucagon in rabbits (It) 1871

37381

glycogen phosphorolysis, eff. of anoxia & asphyxia in frogs (Fr) 26881

glycogen phosphorolysis, eff. of exper. histamine pois. in rats (Fr) 26868

glycogen phosphorolysis in striated musc. of fish (Fr) 3095

glycogen, potassium & sodium content of isolated rat diaphragm, eff. of 9α-fluoroprednisolone (It) 36557

glycogen, relation to body fat in inbred strain of mice 35813

glycogen synthesis in adrenalectomized rats under stress, eff. of glycine & hydrocortisone 35805

glycogenesis & glycolysis in isolated rat diaphragm, eff. of vitamin E & insulin 18159

glycolysis, eff. of artif. hibernation in rats (It) 11830

glycoproteins, electrophoresis in rabbits (It) 37322

high-energy phosphate levels in squirrels during hibernation & after arousal 12524

insect flight musc., analysis of resp. enzymes in sarcosomes 1367

insect flight musc., spectra of cytochromes of sarcosomes 1368

lipase activity in insect flight musc. 3455

lysine uptake in mice at different ages 5479

mononucleotides, acid soluble, in rat diaphragm, eff. of incubation under aerobic & anaerobic cond. & addition of 2, 4-dinitrophenol 320

mononucleotides, enzymic conversion by rat diaphragm in vitro 321

myoglobin content in skeletal musc. of guinea pigs, eff. of folic acid defic. 41229

non-oxidative hepto-form. from hexosephosphates, mechanism (It) 39226

non-oxidative form. of heptoses in skeletal musc. in vitro (It) 37427

oxygen consumption of isolated guinea pig diaphragm, eff. of 2, 4-dinitrophenol or lipopolysaccharide from Salmonella abortivoequina (It) 36736

oxygen consumption of isolated musc. from cold-blooded animals, eff. of musc. extension (Ger) 33934

phase distribution of water & electrolytes in small samples of skeletal musc., determ. 15055

phenols, in brain tumors (Rus) 55852

phosphates, incorporation into low-molecular cpds. in normal & denervated musc. (Cz) 38206

phosphate synthesis, eff. of pregnane-21-ol-3, 20-dione succinate in dogs (It) 1924

phosphates, with radiolabeled phosphorus (Ger) 30534

phosphoglucomutase, mechanism of action 49469

phosphorylases, antigenic properties, organ & species specificity (Ger) 24018

phosphorylases, antigenic properties, organ & species specificity (Hun) 28790

potassium & sodium, eff. of exper. Coxsackie virus infect. in mice (It) 13983

potassium & sodium, eff. of exper. mouse hepatitis virus infect. in mice (It) 13984

potassium & sodium, eff. of exper. W. Nile virus infect. in mice (It) 13985

potassium & sodium, eff. of work activity & exercise (Ger) 28049

potassium & sodium in salmon during migration 26410

potassium & sodium in skeletal musc., eff. of surg. (Pol) 30757

potassium, eff. of rigor mortis in rabbits (It) 42712

potassium exchangeability in rat diaphragm, eff. of low temperatures & heparin 12013

potassium movements in isolated rat diaphragm during contraction 17966

protein form. from amino acids in normal rat diaphragm, eff. of various metabolites 13739

proteins, in cancer, electrophoresis (Ger) 7084

radio-rubidium in isolated rat diaphragm, eff. of α-heparin & hypocalcic solutions (It) 13972

radio-rubidium uptake by skeletal musc. in heart dis. & healthy persons, significance in studying potassium uptake 16348

reduced diphosphopyridine nucleotide oxidase inhib. by antimycin A & pentobarbital in mammalian & mosquito sarcosomes 13807

sedoheptulose-7-phosphate, nonoxidative form. from fructose-6-phosphate & glucose-6-phosphate in rat skeletal musc. (It) 15677

serum albumin requirement in oxidative phosphorylation of insect flight musc. mitochondria 28276

sodium movement in rat musc. 30560

sodium, potassium, phosphorus & creatine levels in exper. lathyrism 24828

succinic dehydrogenase & cytochrome oxidase, histochem. demonstration in normal & abnorm. musc. 23554

sulfhydryl cpds., eff. of insulin on content in rat diaphragm prep. 52371

thyroxin, triiodothyronine & their acetic & propionic acid analogues, metab. by rat musc. in vitro 49252

***neoplasms***

atypical musculoskeletal tumors, surg. indic. & technics 28507

Brown-Pearce rabbit carcinoma metastases to skeletal musc. (Ger) 34169

exper. induction of metastatic tumors in skeletal musc. of rabbits (Hun) 7688

musc. metastases as 1st manifest. of lung cancer (Por) 29358

***pathology***

biochem. changes induced by restriction of movements in rabbits 19631

biopsy, diag. value, review 12338

biopsy, musculo-cutaneous, in diag. of rheum. dis., value (Rum) 31144

changes in neuro-musc. electric excitability in fatigue & loss-of-confidence synd. in jet pilots (Fr) 29239

histopathol. in kwashiorkor (Fr) 36190

histopathol. of musc. dystrophy in vitamin E deficient hamsters 46892

idiomusc. swelling causing postmortal hemorrh. after sudden death (Ger) 27128

in glycogenosis, basophilic substances in skeletal musc., histochem. (Ger) 33539

in lupus erythematosus, changes in striated musc. fibers (It) 19167

in periarteritis nodosa, case report 13693

morphol. changes of striated musc. in cystic fibrosis of pancreas with vitamin E defic. 7871

skeletal musc. histopathol. exam. in chronic progressive external ophthalmoplegia 46454

skeletal musc. in pathogen. of rheum., application to ther. (Pol) 30735

***physiology***

abnormally low ultimate pH in pig musc. 19531

action potentials, eff. of ATP inject. in normal subjects (It) 37365

action potentials, eff. of coenzyme I inject. in normal subjects (It) 37361

action potentials, eff. of inject. of vitamins B1, B2 & B6 in normal subjects (It) 37366

action potentials, eff. of iron inject. in normal subjects (It) 37364

action potentials, eff. of vitamin C inject. in normal subjects (It) 37367

action potentials, electromyography (Ger) 38991

activation of contractile mechanism in frog striated musc. by caffeine, relation to membrane potential changes 35381

activity of erector trunci musc. in various postures, electromyography (Ger) 34242

application of overload principle to musc. train., review 24605

assessment of changes in sensitivity of stretch reflex 28627

atony of musc. fibers in arteriosclerosis of extremities, electromyography (Ger) 46640

blood lactic acid, potassium & sodium levels after musc. exercise in rats 14625

changes in distribution of musc. tension during psychomotor performance 5029

comparative responses to constant & alternating galvanic stimuli, in frog skeletal musc. 26895

contractile activity & potassium & sodium content of isolated rat diaphragm, eff. of various adrenal cortex hormones (It) 36558

contractility & other properties of musc. from mice with musc. dystrophy 750

contraction, configurational changes of musc. protein patterns 19514

contraction dynamics 5792

contraction, inward movement of calcium as link between electrical & mechanical events, exper. on frog musc. 52343

contraction kinetics in heavy water 19483

contraction, neurophysiol. mechanisms & relation to electrolyte metab. (Fr) 31914

contraction of smooth musc. (Rus) 49566

contraction, prosthenic, caused by electrostimulation with current of medium frequency (Fr) 15086

contraction, psychol. factors, relation to fatigue (Fr) 14381

contraction, psychophysiol. relation to sleep, disord. of conscience, emotions & anxiety (Fr) 31916

contraction, relation to processes occurring in model of phys.-chem. machine (Ger) 55447

contraction, review 32360

correlation of properties of conduction of excitation with morphol. of musc. fibers & musc. cells 15711

coupling of membrane potential to contraction in musc. 17975

cryoscopic point of intracellular fluid in dog musc., determ. technic (Fr) 48804

dependence of latent period in frog musc. on strength of stimulus 52322

develop. after intra-uterine denervation (Cz) 38211

develop. of bilateral musc. strength through ipsilateral exercise 20334

diphasic activity, actomyosin & ATP sulfhydryl cpds. metab., review (Rus) 22489

duration of sustained contractions of human forearm at different musc. temperatures 17976

eff. of amniotic fluid on various smooth musc. fibers in guinea pig (Fr) 26943

eff. of amyelinic impulses of cutaneous origin on tonus of gamma motor neurons of flexor musc. (Fr) 26885

eff. of atrophy & restoration of denervated musc. on reactive properties of opposite musc. in rats (Rus) 25754

eff. of chem. stimulation of musc. spindles on single motor neurons in cats (Ger) 30541

eff. of cold on activity in exper. on man (Ger) 30513

eff. of denervation on collagen level (Cz) 38208

eff. of denervation on potassium, relation to non-collagen proteins (Cz) 38207

eff. of exercise on number of myofibrils per fiber in rat musc. 12489

eff. of exper. ischemia on neuro-musc. appar. of intact rabbits (Rus) 13852

eff. of galvanic current on contraction (Tur) 45439

eff. of hypertonic solutions on velocity of shortening, isometric tension, latent period & twitch response in frog musc. 28624

eff. of immobilization on cohesive & elastic properties in contractures (Rus) 48007

eff. of ions on response of smooth musc. to cooling 5101

eff. of labyrinthine stimulation on musc. tonus in cats (Ger) 25392

eff. of lower limb amputation & prolonged use of prosth. on motor-skeletal system, clin. & x-ray study 36001

eff. of musc. stretch on excitability of contralateral motor neurons 51113

eff. of overexertion on structural properties (Rus) 33304

eff. of potassium defic., x-ray & dinitrophenol on membrane resting potential 15710

eff. of prolonged work on musc. action potential 17078

eff. of pyridine-2-aldoxime methiodide on isopropyl methylfluorophosphate potentiation of frog rectus abdominis musc. response to acetylcholine 14129

eff. of pyridine aldoximes on response of frog rectus abdominis musc. to acetylcholine 14128

eff. of running exercise on musc. morphol. in dogs (Rus) 47885

eff. of sinusoidal stretching on activity of stretch receptors in voluntary muscle & their reflex responses 51087

eff. of smoking in arteriosclerosis & Raynaud's dis. (It) 27635

eff. of temperature on resting potential of rat diaphgram in vitro 5742

eff. of tonus changes on funct. cond. (Rus) 15766

eff. of transpl. of antag. musc. on CNS neural relationships (Rus) 49549

electrical properties of mammalian smooth musc. cell membranes 3548

electrophysiol. of contracture fibers & twitch fibers of isolated mammalian musc. -spindles with intact nerve supply 28633

energy conversion in normal & denervated musc. during obstruct. of blood flow (Ger) 43006

excitability & conduction in smooth musc. of isolated taenia coli of guinea pig, mechanism & typical patterns of responses 5774

excitability, concept & mechanism (Fr) 12990

galvanic excitability thresholds in premature inf. 24899

granule-bound relaxation factor in skeletal musc. 1357

ionic requirements for prod. of action potentials in crustacean musc. fibers 5781

isometric contraction of glycerol-extracted musc. fiber bundles, eff. of bivalent metal ions 12021

isotonic & isometric contraction of isolated musc., electrical recording system 8027

local activation of striated musc. fibers, mechanism 51090

measure of force of passive extension musc. reactions in cerebral musc. hypertonicity (Fr) 21264

mechanical components in frog's striated musc., theory of isometric myogram 17980

membrane permeability change during inhib. transmitter action in crustacean musc. 28635

membrane potential, constancy in spontaneous changes of ion gradients in normal & denervated rat diaphragm (Ger) 30532

methylene-blue method of visualization of musc. spindles for electrophysiol. studies 28632

musc. action in stationary bicycle exercise 50377

musc. intervention in phenomena of fatigue, review (Fr) 175

neomyography & myotonometry in determ. of vitamin E eff. in ther. of peripheral vasc. dis. (Ger) 11221

neuromusc. excitability (Fr) 5317

neuromusc. excitability in endocrine dis., determ. & diag. value (Fr) 54461

neuro-musc. excitability, measurement (Fr) 54017

neuromusc. interaction in postural tone of isometric soleus musc. in cat 17972

neuromusc. response in hypothyroidism & myxedema as measure of ther. efficiency (Fr) 37776

of voluntary musc., research trends (It) 20965

partial denervation causing deterioration of musc. performance 48758

peripheral response to cerebellar stimulation, comparison & interrelation to cerebellar cortical response in cat 25977

permeability of frog smooth musc. to sucrose & electrolytes 12488

post-denervation fibrill., eff. of blood supply (Cz) 38209

preserv. of musc. tissue from rats adapted to intermittent cold (Cz) 38204

prostaglandin form. in vitro 7130

reactivity to acetylcholine & potassium of smooth & striated musc., eff. of hydroxydione succinate (It) 37459

reactivity to inj. (Rus) 33305

reflex discret tremor in arteriosclerosis & thromboangiitis obliterans (Pol) 30833

reflex responses & auto-inhib. of tonic & phasic alpha-motoneurons during prolonged chem. stimulation of musc. spindles (Ger) 53075

reflex tonus in circ., determ. by Hensel's heat conduction probe (Ger) 30506

regulation of resp. by reflex originating in musc. activity (Fr) 9245

relation of amount of motility induced by voluntary musc. action & electrical electromyography (Ger) 35393

relaxation by lowering of hypothalamic excitability 47

research 9578

rest potential dynamics, investigation on separate fibers (Rus) 25917

resting potential of isolated perfused musc., relation to extracellular potassium concentration in cats (Ger) 30497

retardation of contraction, electromyography by remote control stimulation (Fr) 41391

secondary differentiation of explanted skeletal musc. (Rus) 47887

splitting striated musc. fibers after inj. (Rus) 33303

spontaneous electric activity in denervated musc. in Periplaneta americana (Cz) 38210

spontaneous electrical activity in denervated musc. of cockroach 19604

stimulating eff. of lipid extracts of menstrual fluid & endometrial curettings 20617

stimulation of action potential by musc. vibration (Ger) 30565

strength after train., eff. of dietary protein content (Ger) 40179

strength after train. in relation to age & sex (Ger) 40178

striated musc. in man (Fr) 54122

striations of isolated musc. fibers, measurement with interference microscope 51089

substance P, eff. on peristaltic reflex of isolated guinea-pig ileum 14135

tonic reflexes in limbs after passive movements of head, electromyographic studies in rabbits (It) 37403

tonic system in normal musc. activity in frogs, electromyography (Ger) 30519

tonus & hypertonia, electromyography (Dut) 37039

tonus, central control (Fr) 37781

tonus, eff. on sphygmomanometric data (It) 54207

tonus, measurement in animals (Rus) 48026

voluntary central control of musc. action, electromyographic study (Ger) 12025

***transplantation***

implant of minced musc. tissue in defect, postop. musc. funct. & protein synthesis in rabbits (Rus) 5404

inflamm. reaction to musculo-fascial homografts in rabbits 22306

minced musc. implants in defects, regenerative processes (Rus) 3403

tendinous grafts in spastic feet due to polio., role of phys. ther. in reeduc. (Sp) 29369

## MUSCLES, MASTICATORY

***abscess***

submasseteric abscess 20147

***diseases***

calcification of stylohyoid ligament with temporomandibular arthrosis & atypical facial paralysis (It) 32129

homolateral masseter clonus (Ger) 39018

***innervation***

in animals & man (Rus) 13575

***physiology***

funct. relations between bulbar & mesencephalic points & jaw movement in dogs 16473

motor units & action potentials 23787

## MUSCLES, OCULOMOTOR

***diseases***

congen. apraxia in adult male, case report 671

imbalance caused by orbital & zygomatic fract., surg. indic. & technics 24667

oculogyric crises in parkinsonism, eff. of tegmental stimulation & tegmentotomy 27030

oculogyric crisis, with postencephalitic paralysis agitans, in 13-year-old girl (Ger) 34131

vestibulo-ocular reflex disord. of anterior nuclear paralysis type in supratentorial tumors 24068

***innervation***

(Rus) 25745

of inner rectus oculi, histol. study (It) 36213

***paralysis***

bilateral corresponding ophthalmoplegia of external rectus musc. in monozygotic twins, case reports (It) 23728

caused by diabetes mellitus, case reports 33027

caused by head inj., surg. 43721

caused by internal carotid aneurysm with massive vitreous hemorrh., case report (Fr) 26366

chronic progressive external, histopathol. exam. of external eye musc. & skeletal musc. 46454

Claude-Loyez-Lhermitte synd. (Pol) 30082

complete, caused by acute toxic polyneuritis, case report 14114

diag., carotid angiography in unilateral ophthalmoplegia 35421

Duane's synd., hered. study of latent forms (Fr) 40868

external, with Charcot-Marie-Tooth dis. & hered. spinal sclerosis, familial cases 48136

in myasthenia gravis pseudoparalytica (Fr) 14498

isolated cyclovertical musc. palsy 23430

isolated lateral rectus paralysis, etiol. & pathogen. (Ger) 19757

Lancaster's test (Ser) 9964

ophthalmoplegia totalis, with epidemic encephalitis, caused by Asian influenza (Nor) 10379

paralysis of conjugated vertical ocular movements, histopathol. of involved cerebral regions (Hun) 40049

paralysis of downward movements of eyeball caused by excis. of cerebellar nuclei (Ger) 39041

paralytic horizontal conjugate gaze caused by medulloblastoma of brain stem 43128

Parinaud's synd., with Guillain-Barré synd. (Cz) 38297

Parinaud's synd. with vestibular lateral deviation & spontaneous rotatory nystagmus (Fr) 32001

post-traum. progressive dystrophic external ophthalmoplegia 89

rectus lateralis paralysis in cases of pituitary adenoma (Fr) 54119

surg., Hummelsheim operation 47031

***physiology***

analysis of electromyogram 688

coactivity of human extraocular musc. in following movements, electromyographic study 46465

cybernetics of ocular movement 14107

eff. of myo-sensorium on egocentric localization of binocular optic after-images (Ger) 46845

electromyography (Sp) 37253

electromyography of extraocular musc. 46464

oculomotor reactions of Daphnia pulex to monochromatic lights of equal energy, visual & dermatoptic sensitivity (Fr) 38758

relation of ocular musc. proprioception to afterimages 46458

***surgery***

eff. on ECG, oculocardiac reflux 670

inferior oblique, myectomy 48210

levator palpebra musc., shortening & resection in ptosis 16851

stretching of oculomotor musc., technic & indic. (Fr) 24884

**MUSCLES, PECTORALIS**

major, innerv. & pharmacol. behavior in birds (Ger) 23557

***surgery***

cardiopericardio-myopexy in coronary dis., long-term results 42515

plastic repair of pectoralis minor following radical mastectomy for cancer of breast, technic (Ger) 34544

**MUSCLES, PSOAS**

***diseases***

tuberc. abscess, ther. (Ger) 34256

***MUSCULAR ATROPHY, PROGRESSIVE*** *see* **PROGRESSIVE MUSCULAR ATROPHY**

***MUSCULAR DYSTROPHY, PROGRESSIVE*** *see* **PROGRESSIVE MUSCULAR DYSTROPHY**

**MUSEUMS**

European science museums 9551

**MUSEUMS, MEDICAL**

anat. museum of l'École de Médecine de Montpellier (Fr) 19370

Atger Museum, l'École de Médecine de Montpellier (Fr) 19368

Hunterian Museum in London 1211

museum of med. hist. in Russia (Rus) 32584

museum of med. hist. in Stockholm (Sw) 43202

pharmaceutic museum in Heidelberg, Germany (Ger) 19450

polymethylmethacrylate for specimen containers, design 17711

**MUSHROOMS**

Amanita phalloides, poisonous active principles, biochem., pharmacol. & eff. on rats (It) 29600

Clitocybe diatreta, isolation & characterization of diatretyne amide & cyanide 25415

Clitocybe diatreta, prod. of diatretyne 3 upon biochem. variation of cultures 25416

condensed phosphates, extraction & analysis (Fr) 26325

Coprinus comatus, biogenic amine & amino acid constituents (Ger) 36460

laccase activity during growth of submerged mycelium (Fr) 37836

laccase activity of submerged mycelium, eff. of cupric ion content of culture medium (Fr) 37837

serotonin determ. in hallucinogenic mushroom 9580

species producing hallucinations, hysteria & other cerebral mycetisms 19452

***poisoning***

Amanita panterian causing muscarine pois. (Bul) 45304

Amanita phalloides causing alteration in lipid metab. (Fr) 20677

Amanita phalloides, familial pois. (Fr) 5319

Amanita phalloides in inf., case report (Fr) 1336

Cortinarius orellanus pois., renal pathol. (Pol) 43656

Gyromitra esculenta, cortisone ther. (Ger) 53307

**MUSIC**

med. references in librettos of Carlo Goldoni (It) 6833

musical hallucinations in focal epilepsy, case report 8470

musical hallucinosis, in subject of tinnitus who heard speech as music 44657

psychoanalytic interpretation of Gustav Mahler's personality & music 44221

relation of musical ability to brain pathol. (Fr) 44767

***therapeutic use***

in psychoprophylactic prep. for labor & during labor (It) 44841

in radiol. department 49945

ment. defic. 590

46977

47178

ment. disord. 17336

ment. disord., in Greek antiquity (Ger) 11283

musical stimulation as adjuvant in sleep ther. (Fr) 36134

organic & ment. disord. 51898

**MUSTARD GAS**

***see also*** **NITROGEN MUSTARDS**

***effects***

on chromosomes of Drosophila melanogaster spermatozoa, with x-ray 34377

***injurious effects***

follow-up of lesions acquired in civilian life (It) 27648

***poisoning***

protective eff. of sodium thiosulfate alone & with sodium citrate in rats 48226

**MUTASES**

phosphoglucomutase in liver of dystrophic inf., relation to glycogen content (Ger) 40230

phosphoglucomutase in potato extracts (Rus) 1736

***antagonists***

phosphoglucomutase inhib. by 6-phosphogluconic acid 24013

phosphoglucomutase inhib. by 6-phosphogluconic acid in vitro (Hun) 28797

***effects***

phosphoglucomutase from musc. & yeast, mechanism of action 49469

***in blood***

phosphoglucomutase activity of erythrocytes & serum from various species in normal & pathol. cond. (Ger) 49920

phosphomucoglutase response to prednisolone, eff. of 4-chlorotestosterone acetate in rabbit (It) 49599

***MUTISM*** *see* **DEAF-MUTISM**

***MUTISM*** *see* **SPEECH DISORDERS**

***MYALGIA, EPIDEMIC*** *see* **PLEURODYNIA, EPIDEMIC**

**MYASTHENIA GRAVIS**

etiol., incidence by sex & age & indic. for sinu-carotid enervation (Fr) 9146

review 17011

***case reports***

with malignant thymoma metastatic to liver (Fr) 31062

with thymic tumor, epileptic attacks & confusional states (Fr) 29188

with thymoma, death 6 years after carotid sinus denervation (Fr) 9155

***complications***

diabetes mellitus, prednisone ther. 43167

mediastinal tumor (Dut) 1619

***diagnosis***

early diag., electromyographic method (It) 36760

***etiology and pathogenesis***

cauterization of turbinate bones followed by myasthenia gravis, case report (Fr) 32007

hypothyroidism (Tur) 22378

***in infant and child***

case report 38406

***manifestations***

dystrophic musc. changes, histopathol. (Hun) 4134

optokinetic electromystagmography (It) 32145

paralysis of ocular musc. in myasthenia gravis pseudoparalytica (Fr) 14490

***physiology***

hypersensitivity of in vitro myasthenic musc. to d-tubocurarine 52581

lack of neuromusc. blocking activity of fractionated thymus extracts from patient with myasthenia gravis 44077

reaction to test dose of tubocurarine before anesth. 23541

***surgery***

thymectomy, eff. on lymphocyte count 51823

thymectomy, indic. 6104

thymectomy, reappraisal 48308

***therapy***

decamethylene-bis-4-aminoquinaldinium, unusual case with withdrawal sympt. 48266

mysuran chloride, clin. results (Fr) 54882

sympathomimetics (Rus) 48009

veratrine, eff. on contraction of skeletal musc. 43124

***MYATONIA CONGENITA*** *see* **AMYOTONIA CONGENITA**

***MYCETOMA*** *see* **FUNGUS DISEASES**

**MYCOBACTERIUM**

avium, paired fibrous structure in mycobact. cells lysed by mycobacteriophage, electron microscopy 13819

complement-fixing capacity of aqueous extracts of various strains 53475

current difficulties of identification (Fr) 26690

growth rates of atypical strains & of other Mycobact., determ. as means of estimating optimal growth periods for comparative biochem. studies 35917

in etiol. of multiple sclerosis, negative bacteriol. & serol. tests (Ger) 6852

johnei, isolation from retropharyngeal & ileocecal lymph nodes & spleen of apparently normal cattle 5691

lepraemurium protein fraction in alteration of Mitsuda lepromin reaction in leprosy (Rus) 55200

marianum, review (Fr) 6369

Mycobact. X, infectivity & immunogenicity in mice 35908

***culture***

avium, single-cell cultures of smooth & rough variants, virulence determ. by chick innoculation (Ger) 34493

mycobactin-containing liquid medium for Mycobact. johnei 5692

paratuberc. culture on solid media containing various concentrations of TB broth base, eff. of isoniazid & streptomycin (It) 37441

replacement of thiamine as growth factor for Mycobact. butyricum 52451

virulence determ. by Dubos-Middlebrook & Desbordes tests, basic problems (Ger) 34490

***effect of drugs on***

antimicrobial agents on various atypical strains in vitro 925

antituberc. drugs on Mycobact. other than M. tuberc., morphol. & transform. of sensitive cells to resist. cells (Jap) 28689

cycloserine & isoniazid inhib. of catalase activity (Fr) 13800

thioctic acid (It) 54236

***infections***

cervical adenitis due to Mycobacterium paratuberculosis in child. (Fr) 53385

exper. scrapie in sheep, histopathol. of brain stem 17109

Johne's dis., exper. prod. in laboratory rabbits 5649

lungs, diag. problems in non-tuberc. Mycobact. dis., review 42081

non-tuberc. chromogenic Mycobact. infect. of lung (Sp) 27879

tuberc.-like infect. of abrasions in swimming pools, caused by Mycobacterium balnei, Mycobacterium marinum or Mycobacterium smegmatis (It) 43260

***metabolism***

catalase activity as method of identification of various species (Hun) 22361

(+)-3,5-dihydroxy-3-methylvaleric acid selective uptake by various species, significance for isolation of (−)-form from racemic mixture (Ger) 49930

frieburgiensis, demonstration of benzoic acid oxidase activity by determ. of amount of catechol formed during enzyme action 24025

frieburgiensis, eff. of benzaldehyde & its deriv. on benzoic acid oxidase activity 24026

frieburgiensis, inductive biosynthesis of benzoic acid oxidase & tyrosinase 24024

isoniazid uptake by washed cell suspensions of Mycobact. & other organisms 25777

lepraemurium, dehydrogenase activity 4333

nutritional requirements of Mycobact. phlei cultures (Ger) 23164

reduced coenzyme I, eff. of vitamin K on oxidation, pathways of electron transport in Mycobact. phlei 21683

## MYCOBACTERIUM LEPRAE

electron microscopy of ultra-thin sections 16351

***culture***

application of lepraemurium culture method 39010

***metabolism***

stimulating eff. of mitochondria extract of rat liver 40208

stimulating eff. of mitochondria extract of rat liver, identification of stimulating substances & some enzyme systems 40209

## MYCOBACTERIUM TUBERCULOSIS

auto-stimulation of multiplication (Ger) 34517

biol. of human & bovine types (Ger) 46253

breakdown & elimination of virulent & avirulent strains after inject. into mice, determ. with radiophosphorus tracer (Jap) 18177

conversion to protoplasts by use of concentrated phage prep., technic 31352

culture exam. & guinea pig test of strains isolated in sanatorium (Sw) 7488

detection in body fluids with free microelectrophoresis (Ger) 11030

detection in sputum after admin. of bronchodilating aerosol, method (It) 3916

electron microscopy, opaque corpuscles (Fr) 26786

electronoptic analysis of ultrathin slides in determ. of ultrastructure (Ger) 34339

enzymatic activity & virulence of isoniazid-resistant strains (Fr) 48689

fatty acid fraction, eff. of intradermal inject. in leprosy patients (Fr) 21284

fluorescence microscopy, comparison with Ziehl-Neelsen method (Por) 44469

fluorescence microscopy in research on strains with altered morphol. caused by antibiotics (Fr) 7768

fluorescence microscopy, review (Ger) 27864

in duodenal juice & bile (Ger) 10552

in milk, incidence in Hungary & detection methods (Hun) 19749

isolation from retropharyngeal & ileocecal lymph nodes & spleen of apparently normal cattle 5691

isoniazid-& streptomycin-resist. strains causing meningeal tuberc. in child (Fr) 21397

isoniazid-resist. strains highly pathogenic for guinea pigs (Fr) 13050

isoniazid-resist. strains, mechanism of attenuation of their pathogenicity (Fr) 13032

leukocytic phagocytisation of streptomycin-resist. M. tuberc. in vitro (Jap) 18170

phosphate granules, method of multiplication (Ger) 34491

phosphatide hemagglut. reaction in various stages of tuberc., diag. value (Fr) 26892

phosphatides inducing hemagglut. (Fr) 26785

possible etiol. agent in Hodgkin's dis. 13238

relation to pathogen. of allergic encephalomyelitis induced by brain extract & Freund's adjuvants (Fr) 47413

resist. to acidity, eff. of non-ionic & amphoteric soaps 7147

75th anniversary of discovery (Sp) 21228

staining by Ziehl-Neelsen method, inhalation of phenol causing pois. (Ger) 23158

staining characteristics & morphol. of resist. strains & relation to clin. picture in patient from whom isolated (Jap) 18172

virulence & mode of infect. in exper. animals (Fr) 54129

virulence & resist. of bacilli isolated from lymph nodes & material from primary infect. of subjects deceased from non-tuberc. dis. (It) 24923

virulence of isoniazid-resist. strains recovered from mice (Jap) 18176

***culture***

behavior in tissue culture (Ger) 46254

cultivation on yolk sack of intact hen's egg yolk (Ger) 23611

eff. of centrifugation on cultivation of M. tuberc. from sputum 39788

eff. of contamination on Löwenstein-Jensen medium 7041

from sputum, methods, review 23979

human, bovine & gallinaceus type colonies, microscopy of fine structure (Ger) 46255

isolation from pathol. materials using desogen with pepsin or pancreatin (Fr) 26859

isolation from pathol. specimens by use of quaternary ammonium salts (Fr) 24779

improvement of purity by covering walls of culture dishes with triphosphate solution, evaluation (Hun) 10568

improvement of purity by covering walls of culture dishes with triphosphate solution, technic (Hun) 10567

in Dubos tween liquid albumin, in determ. of nicotinic acid prod. in various M. tuberc. types (Ger) 25805

in sputum from treated & untreated patients, comparisons 19341

isolation from homogenized sputum before & after concentration 19340

Kirchner's medium for routine isolation of bact., methods & results 10537

late appearance of colonies in media seeded with treated pathol. specimens (Fr) 24786

modified Petragnani medium (It) 43271

prep. of egg base media for M. tuberc. in autoclave 46943

protective eff. of activated charcoal (Ger) 23149

semi-synthetic autoclavable agar medium for routine laboratory use 12815

simplified sodium hydroxide method for culture from sputum 17715

slide culture method for tuberc. diag. 804

technics 7040

titration of cord form. as measure of pathogenicity of typical & atypical wild-type acid-fast strains 12818

virulence variations in infect. of HeLa cells (Ger) 55501

***effect of drugs on***

actinomycin C (Ger) 34335

antibiotics, relation of resist. to epidemiol. of tuberc. (Fr) 35494

anti-tuberc. drugs, cytochem., biol. & morphol. aspects (Fr) 26787

antituberc. drugs in subinhibitory concentrations causing reduction of viability duration 16803

antituberc. drugs on morphol. & transform. of sensitive cells to resist. cells (Jap) 28689

3-p-chloroanilino-10-(p-chlorophenyl)-2,10-dihydro-2-isopropyliminophenazine (Fr) 13051

cycloserine (Fr) 26874

cycloserine (It) 37499

d-cycloserine & its racemate (Ger) 55487

cycloserine, resist. (Fr) 26921

ethanethiol on bact. grown in monocytes in vitro 19469

ethereal horseradish oils, electron microscopy (Ger) 55491

ethereal oils & related plant substances (Ger) 34054

ethereal oils, on growth (Ger) 34071

2-ethylthioisonicotinamide, in vitro & exper. animals 35903

extracts of rat peritoneal cells 44108

2-furoyl hydrazide (Ger) 55493

isoniazid & streptomycin, develop. of atypical variants of H37Rv strain in vitro 24732

isoniazid & streptomycin in induction of atypical variants of H37Rv strain 45455

isoniazid & streptomycin initial sensitivity of M. tuberc. isolated from patients with untreated primary pulm. tuberc. (It) 24920

isoniazid, comparison of virulence of isoniazid-resist. strain with other M. tuberc. strains & relation of virulence to catalase activity (Jap) 28696

isoniazid, eff. of various drugs on bacteriotropic activity 12819

isoniazid, mechanism of increase of bacteriotropic potencies in presence of p-aminobenzoic acid 24738

isoniazid or streptomycin, survival & growth after removal of drugs (Jap) 18169

isoniazid, PAS & streptomycin, resist. (Dut) 52480

isoniazid-PAS, comparison of sensitivity with isoniazid & PAS alone (Fr) 48879

isoniazid, relation of drug-resist. to bact. virulence (Jap) 28690

isoniazid, relation of drug-resist. to bact. virulence based on catalase activity (Jap) 41486

isoniazid, resist. accompanied by decreased catalase activity & virulence (Hun) 10582

isoniazid, resist., eff. on results of ther. of pulm. tuberc. (Fr) 21398

isoniazid, resist., non-selective mechanism of develop. (Fr) 48931

isoniazid, virulence for guinea pigs, relation to viability of isoniazid-resist. bact. at site of inflamm. (Jap) 41488

kanamycin 25005

kanamycin in vitro (It) 36825

kanamycin, in vitro & in guinea pigs 35910

lipid substance from lung extracts of normal cats (It) 16010

lipid substance from lung extracts of normal cattle, horses & dogs (It) 16011

lipid substance from lung extracts of normal rabbits (It) 16009

mycerin (Rus) 36364

PAS, metab. aspects (Rus) 48436

resist., determ. technic (Rus) 31183

rhodanine deriv. in vitro (Fr) 26206

sensitivity to various antituberc. drugs, determ. test & application to clin. infect. (Fr) 35495

streptomycin resist. (Rus) 31182

streptomycin sensitivity tests with liquid & solid culture media 10530

Tropaeolum majus, Cochlearia armoracia & allium sativum oily plant extracts on growth in vitro (Ger) 55504

tryptophan, tuberculostatic eff. on M. tuberc. hominis 49330

variation from streptomycin dependence to nondependence 40205

variation from streptomycin dependence to nondependence in acriflavine resistant strain 40206

various tissue extracts (Ger) 25795

viomycin pantothenate & viomycin sulfate, comparison (It) 3911

viomycin, sensitivity of various strains (Fr) 3100

vitamin B complex (Ger) 25258

***immunology***

antigenic relation to chromogenic acid-fast bact., determ. by agar diffusion precipitation & complement fixation tests 37974

antigenic similarities with other acid-fast saprophytic Mycobact. (Ger) 27871

application of metab. constituents to immunizing mechanism, review 1611

eff. of lipid component of M. tuberc. on antibody prod. & skin reaction to ovalbumin & horse serum albumin, in guinea pigs 5616

polysaccharide antigens, immunochem. analysis (Por) 8785

***metabolism***

amino acids in various strains of 3 types of M. tuberc. in Sauton medium at various intervals (It) 44821

biochem., relation to drug resist. (It) 1540

catalase activity of isoniazid resist. strains isolated from human sputum, correlation with virulence for guinea pigs 12807

catalase & peroxidase activity (Jap) 41490

catalase, in drug-resist. strains (Hun) 31171

diaminopimelic acid decarboxylase activity, inhib. by isoniazid 31338

enzyme defic. of isoniazid-resistant strains, review (Fr) 25656

fat composition of human strains, analysis (Fr) 26304

fatty acid components of lipids from streptomycin-sensitive & resist. M. tuberc. 16200

influence of age of cells on metab. activity 31305

nicotinic acid prod. in human types in 4-mercaptosalicylic acid medium, comparison with bovine & avian types (Ger) 25803

nicotinic acid prod. in human types in solid media, comparison with avian & bovine types (Ger) 25804

nicotinic acid prod. in various types in liquid Dubos tween albumin culture medium (Ger) 25805

optimal oxygen concentration, comparison with bovine M. tuberc. (Ger) 55692

phosphates labeled with radiophosphorus, uptake & enzymatic hydrolysis (Ger) 34060

polysaccharides, immunoprecipitation in gel & quantitative determ. of component ones (Por) 21091

protein composition, electrophoresis (It) 37592

2,3,5 triphenyltetrazolium chloride reduction (Ger) 34061

**MYCOBACTERIUM TUBERCULOSIS BOVIS**

BCG, differentiation of strains from various sources (Rus) 55796

BCG enhancement of immune response in leprosy patients 16352

BCG strains in different parts of world, difference in biol. reactions produced (Fr) 7763

biol. activity of crude extracts of BCG strain 24736

***culture***

BCG, on media containing ammonium salts (Pol) 29508

BCG strain, cultivation en masse 24735

primary isolation methods, comparison 50470

***effect of drugs on***

isoniazid on BCG bacilli, resist. (Jap) 41495

13-thiosemicarbazone deriv., isonicotinic acid deriv. & vitamin K analogs, in-vitro study (Por) 8778

***metabolism***

desoxyribonucleic acid & desoxyribonucleoprotein determ. in BCG strain 13758

isoniazid metab. by M. tuberc. BCG, relation to mechanism of action of isoniazid 12820

optimal oxygen concentration, comparison with human M. tuberc. (Ger) 55692

zinc requirement for surface-culture growth & for prod. of P. P. D. tuberculin 29849

**MYCOLOGY**

in Holland, review 7122

in Uruguay, review (Sp) 7131

***MYCOSES see*** **FUNGUS DISEASES**

**MYCOSIS FUNGOIDES**

***complications***

poikiloderma atrophicans vasculare, ther., radioyttrium (Ger) 3203

***therapy***

oleandomycin with tetracycline (Ger) 3207

prednisone causing ulcero-necrotic compl. & death (Fr) 2404

prednisone, causing ulcero-necrotic lesions (Fr) 41942

***MYDRIATICS see*** **AUTONOMIC DRUGS**

**MYELITIS**

***see also*** **ENCEPHALOMYELITIS**

***case reports***

neuro-optic myelitis, clin. & postmortem pathol. (Rus) 46341

***etiology and pathogenesis***

Asian influenza (Ger) 47499

herpes zoster causing segmental dorsal myelitis, case report (Fr) 18564

infect. hepatitis causing segmental myelitis, case report (Fr) 6328

***MYELOGRAPHY see*** **SPINAL CORD, *radiography***

***MYELOMA, MULTIPLE see*** **MYELOMA, PLASMA CELL**

**MYELOMA, PLASMA CELL**

11073

anat. & x-ray comparisons (Rus) 45754

in Negroes 5450

lung & stomach, case report 46191

mediastinal (Fr) 53421

nasopharynx (Hun) 39431

***blood in***

abnorm. clot form. due to inhib. of fibrinogen conversion to fibrin by abnorm. proteins (Fr) 21269

blood proteins, pathol., immunoelectrophoresis (Fr) 21389

C-reactive protein (Ger) 46030

dysproteinemia manifest. of myeloma plasma cell of bone (Fr) 17657

globulin heterogeneity 38525

glycoproteins & lipoproteins (Ger) 28948

lipoproteins, electrophoretic analysis (Fr) 43971

normal total protein & latent electrophoretic changes in large cell type of multiple myeloma in 24-year old woman

protein abnorm., atypic biol. forms & origin of myelomatous proteins (Fr)

protein changes & erythrocyte sedimentation in plasmocytoma (It) 3887

protein disord. 30195

protein disord., electrophoresis in starch gel (Fr) 44629

proteins (Rus) 6039

***case reports***

19141

40985

(Bul) 41580

(Ser) 18523

bone, with systemic diffuse osteolysis, manifest. of histiosarcomatosis (It) 53593

clin. pathol. conf. 52650

4th metacarpus of left hand, solitary myeloma (It) 53777

intradural extramedullary, compressing spinal cord 50953

isolated plasmocytoma of nasopharynx (Fr) 13081

mandible, with extensive destruction of bone & infiltration of parotid gland (Hun) 52899

nasopharynx (Ger) 25338

neck (Ger) 30030

skin, unusual malignant case (Fr) 2384

small intestine (It) 3899

solitary (Dut) 47912

spine (Ger) 11392

stomach (Rus) 6004

trachea, primary tumor with bronchial dis. 14153

with atypical macroglobulinemia (Ger) 27190

with necrotic purpura & presence of cryoglobulin in blood (Fr) 2412

without blood protein changes (Sw) 54827

***complications***

blood coagulation disord. (Ger) 11029

cranial metastasis causing cerebellopontile angle synd. (Fr) 7059

gastric achylia, physiopathol. & metab. (Fr) 21391

leukemia, plasma cell, case report (Ger) 27444

maxillary myelomatous epulis & malignant pheochromocytoma

nonacantholytic bullous dermatosis 2

nonthrombopenic purpura with cryoglobulin form. (Fr) 51390

osteosclerosis of spine, case reports (Ger) 21655

pneumonia & other infect. 46425

***diagnosis***

blood test using sulfanilic acid, technic & results (It) 2506

sedimentation rate & proteinuria 11914

***differential diagnosis***

bone, differ. diag. from secondary cancer & osseous localization of leukoses (Fr) 51471

bone marrow cancer metastases (Bul) 16407

congestive heart failure, case report 18768

duodenum, solitary extramedullary, clin. pathol. conf. (Dut) 52476

extramedullary, role of paraprotein coacervation in cells (Ger) 13093

solitary from multiple myeloma (Dut) 52515

spine, x-ray pedicle sign for differentiation from metastatic cancer 12687

***etiology and pathogenesis***

develop. of multiple myeloma at site of previous giant follicular lymphoma (Por) 3699

Fanconi's rachitic synd. (Dut) 19733

***experimental***

determ. of viral entity of Oberling's myeloma in tissue culture (It) 1880

interference phenomenon between Oberling myeloma virus & rabies virus in simultaneously infected mice (It) 37369

***immunology***

anticomplementary activity of serum (It) 9935

immunochem. relation of urinary Bence Jones proteins to hyperglobulinemia serum proteins 26476

***in infant and child***

with hypergammaglobulinemia & acute leukemia, case report 20254

***manifestations***

brain, case reports (Fr) 44991

kidney dis. (Ger) 44922

***pathology***

clin. & cytomorphol. aspects (Ger) 12080

demonstration of abnormal gamma globulin among bone marrow plasmocytes (Fr) 24773

eye hemorrh. 47068

fine structure of plasmocytes in bone marrow, electron microscopy (Fr) 47345

lungs (Bul) 32803

stomach (Fr) 31969

***physiology***

bone marrow, behavior of hemopoietic residues (It) 44173

kidneys, clearance tests, review (It) 39774

***surgery***

case reports on solitary plasma cell myelomas (Hun) 4140

***therapy***

ACTH & urethane (Pol) 30760

4, 4'-diamidinodiphenylamine 17285

ethinyl estradiol in high doses (Ger) 39677

***urine in***

Bence-Jones proteins, diag. value (Fr) 10040

non-thermocoagulable proteins, analysis (Fr) 24780

paraproteins, review (Fr) 45015

proteins, electrophoresis (Ger) 22877

***MYELOMATOSIS see*** **MYELOMA, PLASMA CELL**

***MYELOPLAXOMA see*** **GIANT CELL TUMORS**

***MYELOSIS, MYELOID see*** **LEUKEMIA, MYELOCYTIC**

***MYENTERIC PLEXUS see*** **GASTROINTESTINAL SYSTEM, *innervation***

**MYIASIS**

caused by Melophagus ovinus in sheep, dissemination potential 30368

caused by Melophagus ovinus in sheep, keds acquired by lamb from its mother 30369

***case reports***

external, of eye, prod. by Rhinoestrus purpureus larvae (Ger) 28878

intestinal, caused by Ravinia striata larvae (Rus) 18901

intestines (Sp) 21098

ocular, caused by Oestrus ovis 23440

ocular myiasis caused by Oestrus ovis (Fr) 1424

scalp 32909

***epidemiology***

conjunctival myiasis by Oestrus ovis in Italy (It) 7517

in Cape Verde Islands caused by Oestrus ovis (Por) 12940

myiasis oestruosa in Italian shepherds (It) 52777

***prevention and control***

in cattle (Pol) 33724

in cattle, comparison of various drugs (Pol) 33725

***therapy***

of myiasis caused by Dermatobia hominis (Sp) 15529

***MYLERAN see*** **BUSULFAN**

**MYOBLASTOMA**

***case reports***

disseminated malignant granular-cell myoblastoma 17879

intramural, of stomach causing gastroduodenal intussusception 50873

granular cell myoblastoma of lung, histopathol. (It) 25542

granular-cell, of neck 37559

larynx, granular cell myoblastoma 11729

larynx, unusual case (Pol) 30314

vocal cord, surg. (Ger) 55640

vulva 46993

**MYOCARDIAL INFARCT**

(Fr) 21581

(Por) 13586

(Sw) 22113

diag., prev. & ther. (Ger) 6667 10297 19028 19041 19056

etiol. & localization, mechanisms (Ger) 31670

etiol. & ther. (Ger) 46031

follow-up of men returned to work after first infarction 4441

importance in soc. med. (Ger) 46038

in normal coronary arteries & nonstenosed coronary sclerosis (Rus) 10882

in young adults (Cs) 10901

incidence & clinicopathol. study of unrecognized infarct 46433

incidence, etiol. & ther. (It) 30258

***blood in***

blood circ., relation to blood coagulation (Ger) 27183

C-reactive protein, glycoproteins, fibrin & erythrocyte sedimentation, diag. & progn. value of determ. (It) 39652

cholesterol & phospholipids, correlation (Rus) 19294

cholesterol excess, eff. of sitosterol-unsaturated fatty acid-vitamin E-vitamin B6 prep. in patients with previous infarct 24435

cholesterol in $\alpha$- & $\beta$-lipoprotein fractions, comparison with normal subjects (Fr) 37924

electrolytes (It) 52063

endogenous antithromboplastin prod. (Ger) 10340

eosinophil count 38416

eosinophils, diag. & progn. significance (It) 43703

glutamic oxalacetic & glutamic pyruvic transaminases & lactic dehydrogenase, diag. value in infarct complicating surg. 46869

glutamic oxalacetic & glutamic pyruvic transaminases, value of simultaneous determ. (Fr) 1466

glutamic oxalacetic transaminase (Fr) 1465

glutamic oxalacetic transaminase & lactic dehydrogenase determ., diag. value 5235

glutamic-oxalacetic, transaminase colorimetric determ. (It) 3871

glutamic-oxalacetic transaminase determ., colorimetric method, diag. value 33129

glutamic-oxalacetic transaminase, diag. & progn. value 14270 14271 14283 41808

glutamic-oxalacetic transaminase, diag. value (Dut) 19721

glutamic-oxalacetic transaminase, diag. value (Ger) 35584

hemogram (Rus) 18293

hemogram in diag. (Ger) 29419

lactic acid dehydrogenase, determ. & diag. value (Ger) 42243

lactic acid dehydrogenase, glutamic oxalacetic transaminase & aldolase (Ger) 33033

magnesium & lipid levels, relation & comparison with normal subjects 10461

picture (Ger) 42289

proteins, electrophoresis (Rus) 32885

transaminases 31592

transaminase & fibrinogen levels, diag. & progn. value of determ. (Ger) 29463

transaminase & other enzymes, review 53571

transaminase, diag. & progn. aspects (Ger) 30986

***case reports***

(Ser) 21964

appearance after accid. electric shock, causing fract. of lumbar vertebra, pathogen. (It) 44340

atypical (Ser) 51697

atypical, diag. & clin. course (Rus) 32884

combined anterior & posterior infarcts (It) 29697

non-transmural infarcts (Ger) 45935

post-traum. (Fr) 43755

relation to temporal arteritis (Ger) 26506

rudimentary infarct of anterior wall (Ser) 51720

with bundle branch block & dextrocardia in 89-year old woman, ECG 24360

without sympatheticotonia, ECG manifest. (Pol) 8074

***complications***

aneurysm, case report of unusually large ventric. aneurysm 497

aneurysm, early develop. & long duration of massive ventric. aneurysm 498

arrhythmias, eff. on progn. 24860

asystole in acute posterior wall infarct, survival with aid of cardiac pacemaker & intravenous isoproterenol 28166

bundle-branch block, manifest. & diag. (It) 3868

calcification (Dut) 43080

cerebrovasc. accid. 4015

diabetes mellitus (Ser) 21939

peptic ulcer (It) 48988

peptic ulcer, simultaneous occurrence of perf. with silent myocardial infarct, ECG diag., case report 9622

pericarditis recur., with pleurisy or pneumonitis 27821

post-myocardial infarct synd., characteristics & case reports 34874

pulm. tuberc. (Rus) 31230

rupt. of interventric. septum, surg. repair, case report 34887

rupt. of ventric. septum (Rus) 18297

seq. leading to perop. ventric. fibrill. in 73-year-old man, resuscitation, case report (Fr) 51384

shock, mechanism & ther., review 53573

shock, progn. & ther. (Fr) 1464

shoulder-hand synd., review 29272

tachycardia, paroxysmal ventric., ther., procaine amide with aparteine iodomethylate (It) 9291

thromboembolism, hemorrh. & cardiac rupt., relation to anticoagulant ther. 35729

ventric. septum perf., antemortem diag. 17292

ventric. tachycardia, unusual case 48509

Wolff-Parkinson-White synd., ECG interrelationship 12213

***diagnosis***

ECG 51150

ECG, additional leads in posterior wall infarct (Ger) 22901

ECG, chest lead changes in posterior wall infarcts 31792

ECG, increased unipolar limb leads (Rus) 33255

ECG, serial K determ. 46932

in acute infarct 6971

serodiag. (Ger) 46035

vectorcardiography in infarct of dorsal surface of left ventricle (Sp) 43928

vectorcardiography in infarct of posterior wall (Ger) 13355

vectorcardiography in small & large auric. infarcts (Ger) 1315

vectorcardiography, review 53570

***differential diagnosis***

acute abdom. (Ger) 29095

epigastric hernia 27550

hiatus hernia (Rus) 9907

interstitial myocarditis (Ger) 55554

***etiology and pathogenesis***

arteriosclerosis (Ger) 33466

coronary embolism, unusual cases 24328

dysproteinemia (Ger) 46039

focal infect., medicolegal aspects in military compensation cases (Ger) 19047

mitral regurgitation & stenosis, review & case report (It) 15251

orthostatic hypotension (Ger) 52189

relation to phys. exertion during work 24364

right coronary artery obstruct. during cardiopulm. bypass in surg. for atrial septal defect 24333

sunlight, overexposure in sun bathing, case report 21409

traum., in indust. (Fr) 37793

***experimental***

bact. polysaccharide-induced myocardial infarct-like lesions, eff. of magnesium chloride in rabbits 46873

blood glutamic oxaloacetic transaminase, glutamic pyruvic transaminase & lactic dehydrogenase after graded infarction in dogs 48719

causing ventric. tachycardia, anti-arrhythmic eff. of acetazolamide, chlorpromazine, phenaglycodol & primidone in dogs 40079

coronary arteriography in dogs 54668

dietary induction in rats, histopathol. study 35642

eff. of aprophene & diprophene on coronary circ. (Rus) 3556

eff. of aspartic acid salts on ECG signs in rabbits (Fr) 26800

eff. of fibrinolysin on develop. after exper. coronary thrombosis in dogs 48693

eff. of funct. cardiac cond. & extracardiac nerves in dogs (Rus) 48034

eff. of stress & anoxia on pathogen. in 2α-methyl-9α-methyl-9α-chloro-hydrocortisone conditioned rats (Ger) 47904

electron microscopic study in rats 14993

excis. in animals (Rus) 27307

hemodynamic changes in dogs (Rus) 52975

induced by corticosteroid-phosphate combination, role of blood pressure (Ger) 33991

induction by sodium salts & steroids or stress & steroids, inhib. by potassium & magnesium (Fr) 29218

induction in rats by diet of high fat, cholesterol, thiouracil & sodium cholate 48705

induction in rats by dietary method 31448

induction of arrhythmia in dogs 41971

infarctoid cardiopathy induced by temporary obstruct. of pylorus in humorally conditioned animals 10389

method of induction in dogs (Rus) 27306

prev. of papain-induced myocardial necroses with magnesium & potassium chloride in rats 26504

prod. by various phosphates in combination with steroids in rats 27353

protective eff. of pregn. against develop. of infarct-like cardiopathy in rats 5567

technic of induction in rat following exper. atherosclerosis 50539

trial revascularization by spleen implant on left ventricle in dogs (Fr) 42504

***in infant and child***

caused by Micrococcus pyogenes var. aureus septicemia in 10-year-old girl, case report (Fr) 18613

fetal, case report (Fr) 25447

***manifestations***

anterior thoracic pain (Rus) 18298

auric. infarct (Ger) 24235

ECG (Bul) 16419

ECG & spatial vectorcardiography, correlation with postmortem pathol. 2884

ECG aspects in small atypical infarcts 2901

ECG changes in acute subendocardial infarcts 2907 2908

ECG, elevated R wave in right precordial lead (It) 15892

ECG in infarct with left ventric. enlargement, case report (Sp) 43883

ECG, isolated premature ventric. beat 14964

ECG late changes (Rus) 18295

electrokymography, postconvalescent 28505

vectorcardiography, Donzelot technic (Sp) 53964

***metabolism***

glutamic-oxalacetic & glutamic-pyruvic transaminases & lactic dehydrogenase, comparative patterns in blood & tissue extracts 32246

radioiodine uptake 50061

***pathology***

clin. aspects (Sw) 32857

ECG & postmortem findings 26141

hemorrh. infarct without coronary occlusion, autopsy findings 26502

***physiology***

adrenal cortex funct. (Rus) 41652

arrhythmic & anti-arrhythmic eff. of sodium lactate, potassium & calcium chlorides & glucose after inject. into coronary arteries of infarcted hearts 2917

axillary temperature, progn. value of asymmetry (Cs) 2742

cardiac funct. evaluation in relation to specific phys. activities after recovery from acute infarction, review 53574

eff. of digitalis & strophanthin on blood vessels of isolated human hearts (Rus) 52976

eff. on blood pressure, diag. value (Sp) 4063

hemodynamics (Ger) 13350

humoral & general aspects (Ser) 32604

physiol. & biochem. indices in pre-infarct cond. (Rus) 33240

***prevention and control***

44707

blood coagulation test (Ger) 38419

***statistics***

in Bantu natives 12259

in Canada (Fr) 18507

in Italy (It) 25627

in Negroes 12260

in regular Canadian Army 51565

in Sweden (Sw) 10157

incidence in postop. period 41

postop. occurrence in cardiovasc. surg. 15552

survival of discharged hosp. patients in Sweden 11970

***surgery***

4019

ligation of internal mammary artery (It) 37532

***therapy***

(It) 32085

2-p-anisyl-1,3-indandione, results 2266

anticoagulants 25836 25840 28534

anticoagulants, compl., hematoma of rectus abdominis (Fr) 36663

anticoagulants in acute infarcts & pre-infarcts (Rus) 33241

anticoagulants, interpretation of results in long-term ther. 11982

armchair ther. with & without anticoagulants 35186

bishydroxycoumarin 25837

bishydroxycoumarin & ethyl biscoumacetate (Rus) 18292

drug ther. of shock accompanying infarct, AMA council report 4529

emergency ther. 5298

ethyl biscoumacetate & phenindione 4439

exercise ther., reaction to regulated program (Rus) 18296

magnesium sulfate, in patients with chronic coronary heart dis. 54508

mental rehabil. 15288

mephentermine 17730

multimetal aerosol prep. lanthasol (It) 39513A

prednisone (Fr) 7052

prednisone (It) 6916

rehabil. (Ger) 53309

rehabil. (Nor) 22249

review (It) 21425

streptokinase, massive & prolonged ther. in early infarct 33070

***urine in***

estrogen levels, determ. & etiol. relations 21034

uropepsin, diag. value (Pol) 30725


***MYOCARDIAL INSUFFICIENCY*** ***see*** **CONGESTIVE HEART FAILURE**

**MYOCARDITIS**


viral, review (It) 44373

***case reports***

eosinophilic with Loeffler's synd. in an asthmatic (It) 9314

fatal case with simultaneous myositis, pathol. 31790

idiopathic, involving bundle of His 48159

with endocardial fibroelastosis in adult, clin. pathol. conf. 19878

***complications***

endocardial elastomyofibrosis 453


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

with focal myocardial myocytolysis & coronary arteriolosclerosis in So. Amer. trypanosomiasis (Por) 39986

Wolff-Parkinson-White synd. in acute & chronic myocarditis (Ger) 26489

***differential diagnosis***

interstitial, from myocardial infarct (Ger) 55554

***etiology and pathogenesis***

acute toxic serous myocarditis, relation to various internal dis. (Rus) 9853

allergic, review (Ger) 6739

allergic, with recur. typhoid fever (Ger) 51799

arterenol, clin. & exper. studies 24410

Asian influenza in military personnel (Sw) 32976

communicable dis., anatomopathol. findings (Sw) 29224

mumps 24990

paratyphoid & typhoid fevers (Rus) 32887

streptomycin ther. of pulm. tuberc., causing fatal Fiedler's myocarditis 10536

3-sulfanilamido-6-methoxypyridazine causing acute interstitial myocarditis of allergic nature, case reports 14681

trypanosomiasis, So. Amer. (Ger) 11253

trypanosomiasis, So. Amer. (Sp) 8711

8713

virus A influenza (Dan) 33388

***experimental***

eff. on ECG in dogs (Bul) 16411

in EMC virus infect. of mice, ECG & histol. (It) 6796

in MHV3 virus infect. of mice, ECG & histol. (It) 6797

in West Nile virus infect. of mice, ECG & histol. (It) 6795

induction by dihydrotachysterol & calcium acetate sensitization 35622

mechanism of induction & prev. in animals (Ger) 52259

prod. in hypersensitivity exper., role of micro-emboli 51032

serol. & bacteriol. in dogs (Bul) 16410

***in infant and child***

acute, autopsy findings 1029

caused by Coxsackie virus, case reports & clin. statist. 159

complicating typhoid fever with meningitis 48593

Coxsackie virus B encephalohepatomyocarditis in newborn, infect. in utero 30432

in diphtheria, with NS changes 18663

neonatal Coxsackie myocarditis 18471

possible myocarditis of viral or toxoplasmic origin, with ischemia & dry gangrene of fingers, in inf. (Fr) 25501

with psittacosis inclusion bodies, autopsy findings 23520

with rheum. chorea, case report 4234

***manifestations***

primary interstitial myocarditis, x-ray manifest. during outbreak in Israel 17282

## MYOCARDIUM

cell structure, metab., energy exchange & contraction-relaxation, review (Hun) 16064

***anatomy and histology***

electron microscopic study of normal & ischemic myocardium in rats 14993

fine structure of cells of newborn & suckling mice 3513

funct. capillary beds in the beating, potassium chloride-arrested & potassium chloride-arrested-perfused myocardium in dog 2921

impulse conducting system of sheep heart, electron microscopy 55621

ultrastructure of musc. fibers, review (It) 53800

***blood supply***

complete exper. ischemia, eff. on electrical activity of isolated whole heart 14995

eff. of acute coronary occlusion on movement of Evans blue into different areas of pig myocardium 12207

exper. revascularization with intercostal musc. stripe with attached blood vessels, technic (It) 44842

ischemia caused by oxygen metab. disord. in pregn. toxemia (It) 29619

ischemia in progressive musc. dystrophy, case report 17444

ischemia, induction of arrhythmia in dogs 41971

revascularization, relation to physiol. & anat. determinants of coronary blood flow 22016

***diseases***

bishydroxycoumarin-induced lesions in mice 17939

blood transaminase changes in, diag. value, case reports (It) 25635

blood transaminase changes in, diag. value, review (It) 25634

caused by angina diphtheritica, assessment of involvement by determ. of blood γ' tamic oxalacetic & glutamic pyruvic transaminase levels & ECG (It) 54223

caused by viral hepatitis, pathogen. & ECG aspects (It) 36204

electrolyte-steroid cardiopathy with necroses in myocardium, interaction of steroid hormones in exper. prod. 39355

exper. necrosis, fibrosis & chronic myocarditis, physiopathol. & role of stress, electrolytes & corticoids in prod. (Ger) 44936

exper. prod. by 9α-chloro-2α-methylhydrocortisone & phosphate, prev. by potassium 4181

fibrosis, idiopathic diffuse (Fr) 45543

focal myocytolysis with myocarditis & coronary arteriolosclerosis in So. Amer. trypanosomiasis (Por) 39986

lymphoblastic infiltration in lymphatic leukemia, ECG aspects (Fr) 7053

myocardosis, relation to dysproteinemia (Ger) 46039

myocardosis, ventric. gradient determ. (Ger) 34183

necrosis with left ventric. enlargement, ECG, case report (Sp) 43894

sarcoidosis, fatal, in 27-year-old Negro man 28041

sarcoidosis, with pulm. embolism & ventric. paroxysmal tachycardia (Ger) 11199

sarcoidosis, with pulm. embolism & ventric. paroxysmal tachycardia (Hun) 7717

sclerosis, liver pathol. in (It) 53592

***metabolism***

(Ger) 44927

acetylcholine & electrolyte metab. in various parts of frog & turtle heart 14991

acetylcholine content, decrease induced by anticonvulsants in rat 36581

acetylcholine content in right & left auricle in rabbits & rats (Ger) 43014

actomyosin interaction with ATP in extracted myocardial bundles 751

adenylpyrophosphate & creatinine phosphate in various degrees of load of heart-lung prep. in guinea pigs (Ger) 30594

adenylpyrophosphate, inorganic phosphorus & phosphocreatine content, eff. of thyroxin & triiodothyronine in thyroidectomized rats (It) 37516

adrenal cortex hormone storage in pig myocardium, extraction & analysis 3589

ammonia level, eff. of anoxia, ischemia, asphyxia & hypothermia on rabbits (Ger) 5474

arterenol & epinephrine distribution in cats, rabbits & rats (Ger) 15678

arterenol content depletion by reserpine in dog heart-lung prep., correlation with heart rate & pressure 41286

arterenol, eff. of Belenki serum & iso-hemotransfusion in rabbits (Rus) 48037

ATPase activity in normal & in hypophysectomized rats (It) 37371

ATPase activity in normal rats, eff. of desoxycorticosterone acetate admin. (It) 37375

ATPase & succinic dehydrogenase activities in hypophysectomized rats, eff. of somatotropin admin. (It) 37372

ATPase & succinic dehydrogenase activities of hypophysectomized rats, eff. of thyrotropic hormone admin. (It) 37373

biochem. differentiation of proliferating, surviving & deteriorating cultures of chick embryo heart fibroblasts 40069

biochem. study in dogs under controlled hypothermia 34963

carbohydrate, during induced cardiac arrest & post-arrest perfusion of dog heart 1247

cholesterol, glycogen & phosphatide levels in rats, eff. of ethionine treatment (It) 1915

cholinesterase, phosphatases & succinic dehydrogenase in goat & human fetal cardiac musc. 46550

coenzyme A content, eff. of thiopental sodium anesth. in dogs (It) 13959

cytochrome c activity in exper. anemia in rabbits, eff. of liver extracts & vitamin B12 (It) 37386

cytochrome c activity in hypophysectomized rats (It) 37376

cytochrome c from horses, analysis of its amino acid composition 1654

cytochrome c reductase triglyceride cofactor isolation from bovine myocardium 4745

eff. of aging in rats 40875

eff. of exper. tachycardia in intact dogs 4873

eff. of hypothermia in dog (Sp) 8864

eff. of interruption of coronary circ. in dogs 12557

eff. of resp. load with oxygen, nitrogen & carbon dioxide in dogs (Ger) 30579

electron transfer particle from beef heart musc., requirement of soluble macromolecule for oxidative phosphorylation 13835

fatty acids, unsaturated, dinercaprol catalysis of peroxidation in myocardial prep. 1680

fatty changes induced by arterenol or epinephrine admin. in dogs 755

fluoride retention, eff. of dietary fats in rats 5542

glucose catabolism in fetal & adult pig hearts in vitro 40478

glutamic-oxalacetic transaminase activity in exper. hyperthyroidism in rats (It) 1948

glycogen content in fish, eff. of anoxia (Fr) 3094

glycogen content in normal & in hypertrophied rat hearts 31427

glycogen increase after exper. gastric dilat. in rabbits, influence of adrenal cortex (It) 44325

glycogen synthesis, eff. of carbon dioxide inhalation in rats (Fr) 3097

glycolysis, eff. of artif. hibernation in rats (It) 11830

high-energy phosphate content under various exper. cond. which alter contractile strength 17942

high-energy phosphate levels in squirrels during hibernation & after arousal 12524

in congestive heart failure 2366

inositol phosphatide isolation from heart musc., technic (Fr) 26317

lipid components of enzyme system catalyzing oxidation of succinate & reduced coenzyme I 40533

lipoic acid dehydrogenase from pig heart musc., identity with diaphorase I 13824

metab. changes in artif. hibernation & frostbite, review (It) 20981

movements of potassium in rabbit auricles 7251

nucleotides 52412

oxidase activities in homogenates from rabbits with exper. cardiac hypertrophy (It) 32595

oxidative activity in vitro at different temperatures 15004

oxygen consumption at different oxygen concentrations in vitro 5262

oxygen consumption, eff. of digitalis in vitro 5260

oxygen consumption, eff. of hypoxia 35797

oxygen consumption of hypothermic potassium-arrested heart in open-chest dogs 31307

Oxygen consumption of nonworking left ventricle in dog 2922

oxygen consumption of post-mortem human specimens 31362

oxygen consumption, relation to cardiac effort 2926

oxygen content during exper. regional ischemia, correlation with ECG & cinematographic records of musc. contraction 15005

oxygen gradient, relation to ST segment elevation 47140

phosphates, comparison in normal cond. & in exper. phenylbutazone-induced insuff., in situ & heart-lung prep. studies (Ger) 30545

phospholipid content of cell fractions from pigs 4744

phospholipids in ox heart, separation & composition 25866

plasmalogens in ox heart, composition & structure analysis 25867

polyenoic acid content as indic. of vitamin F defic. in rats 17817

potassium & sodium, eff. of exper. Coxsackie virus infect. in mice (It) 13983

potassium & sodium, eff. of exper. mouse hepatitis virus infect. in mice (It) 13984

potassium & sodium, eff. of exper. W. Nile infect. in mice (It) 13985

potassium & sodium, eff. of work activity & exercise (Ger) 28049

potassium exchange in isolated dog heart, eff. of various factors 12565

potassium influx during induced fibrillation of isolated rabbit atria 54395

potassium intoxication, fulminating, in atypical fatal heat stroke 34841

protein fraction, growth rate relative to total body growth in rats 1355

pyruvate oxidase system in rat heart sarcosomes, inhib. by γ'-(p-arsenosophenyl)-n-butyrate & restoration of activity by α-lipoic acid 16893

radiorubidium uptake from coronary blood, eff. of coronary flow rate in dogs 48722

resp. in sarcosome suspensions 39280

review 24988

rubidium, uptake of radiorubidium in heart dis. & healthy persons, significance in studying potassium uptake 16348

succinic dehydrogenase activity in normal & in hypophysectomized rats (It) 37370

succinic dehydrogenase activity in normal rats, eff. of desoxycorticosterone acetate admin. (It) 37374

succinic dehydrogenase content of left ventricle, eff. of glucagon admin. in rats (It) 14016

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

sugar consumption by isolated small heart (Fr) 36687

sulfhydryl content of strophanthin-poisoned & failed rabbit hearts 31341

triiodothyronine in rat myocardial mitochondria in vitro 49260

ubiquinone isolation from horse heart, relation to α-tocopheryl-quinone & characterization 1711

water-electrolyte balance, eff. of monolateral adrenalectomy in guinea pigs (It) 1501

*physiology*

contractions of embryonic mouse heart tissue, eff. of ultrasonics in vitro (Ger) 15364

contraction of glycerinated fibers from dogs, eff. of various factors 5741

differential sensitivity of right & left ventricle in anoxia in isolated rabbit heart (Ger) 1318

dissoc. of restitution & potentiation in interval between contractions (Fr) 36618

eff. of hypothermia in hypoxic cats (Rus) 49224

eff. of intracardiac pressure during induced cardiac arrest with total perfusion with cardiopulm. bypass in open heart surg. in dogs 18119

electric potential during anoxia in hypothermia, in rats (Fr) 38727

excitability & electric responses to stimulation of left & right ventricle & left auricle in prod. of exper. fibrill. (Sp) 21032

membrane action potential of single fiber (It) 1912

myocardial pressure measurements in dogs (Ger) 27835

Purkinje & ventric. membrane resist. during rising phase of action potential 19666

MYOCLONUS

*see also* PARAMYOCLONUS MULTIPLEX

dyssynergia cerebellaris myoclonica (Fr) 44733

noisy velopalatine myoclonus (Fr) 31933

of amputation stumps, review (It) 32125

*experimental*

induction by inject. of Newcastle dis. virus into cats 5789

*in infant and child*

EEG in (Fr) 54082

*physiology*

release reaction (Ger) 27170

*MYOGLOBIN see* HEMOGLOBIN

*MYOKINASE see* TRANSPHOSPHORYLASES

MYOMA

*see also* LEIOMYOMA

*see also* MYOBLASTOMA

*see also* RHABDOMYOMA

hemorrh. mechanism (Fin) 49206

malignant, of small intestine, review (Dut) 37038

stomach (Pol) 53191

*case reports*

fibromyoma of stomach (Ger) 52239

of Bartholin's gland, develop. long after hysterectomy for uterine fibromyoma & surg. of bartholinitis (It) 15029

pylorus, with cysts, in newborn inf. (Fr) 30478

MYONEURAL JUNCTION

*see also* NERVE-MUSCLE PREPARATION

*effect of drugs on*

γ-aminobutyric acid & picrotoxin on junctional potential & contraction of crayfish muscle 49370

edrophonium & neostigmine on neuromusc. block in cat 23987

hemicholinium inducing myasthenic like neuromusc. transm. in cat musc. 52298

neuromusc. blocking agents, interaction with benzoquinonium 23997

*metabolism*

cholinesterase in rectus abdom. musc. in frogs, histochem. differentiation from cholinesterase in musculotendinous junction (Fr) 48829

*pathology*

hyperexcitability in parathyroid tetany, diag. by electromyography (It) 36739

*physiology*

amplitude & speed of fastest acetylcholine potentials in myoneural junction 19529

electromyographic evaluation of funct. status 16331

end-plate uptake of labeled curarine in phrenicotomized mice, eff. of neostigmine & 2-diethylaminoethyl 2,2-diphenylvalerate (Ger) 39917

excitation at myoneural junction in Crustacea 17973

hypothesis of myoneural transm. of muscle relaxants 20497

inhib. at myoneural junct. in Crustacea 17974

motor end-plate as site of interaction of acetylcholine & musc. relaxants 23536

musc. end plates & pharmacol. of irritation (Ger) 44319

myoneural excitability, measurement in detection of radiation sickness (Fr) 41374

propagation of nerve impulse & factors affecting transm., review 17858

regen. of subneural appar. of motor end-plates, histochem. study (Ger) 35257

MYOPIA

as a military & occup. impediment (It) 27649

biotypol. of myopic man (Fr) 36694

in retinal detachment, surg. with strengthened suturing technic 23841

*etiology and pathogenesis*

intra-ocular hydromechanical mechanisms as pathogen. factor (Fr) 10496

neurofibromatosis (Ger) 51261

*pathology*

relation to chamber angle in developmental glaucoma 7002

scleral changes in pathol. myopia 55014

*surgery*

combined lamellar scleral resection with scleral reinforcement using donor eye in high myopia 55015

*therapy*

vasodilators in high myopia (Fr) 14507

*MYOSIN see* MUSCLE PROTEINS

MYOSITIS

*see also* DERMATOMYOSITIS

*see also* FIBROSITIS

primary, of diaphragm (Sp) 43901

*case reports*

fatal case with simultaneous myocarditis, pathol. 31799

polymyositis with Hashimoto's dis. 44051

*complications*

ocular, with exophthalmos (Ger) 51249

scleroderma, develop. from polymyositis, relation to Raynaud's phenomena, case report (Sp) 43874

skeletal polymyositis causing gastrointestinal motility disord. with fatal inanition, case report 49724

*etiology and pathogenesis*

appendectomy, postop. subacute myositis of large abdom. musc., case report (Fr) 14361

chickenpox, case report 30184

*in aged*

polymyositis, differ. diag. from thyrotoxic myopathy 35173

MYOSITIS OSSIFICANS

*case reports*

progressive (Pol) 38473

progressive, of forearm & around hip joints, appearing after traffic accid., in 14-year-old girl 35074

progressive of left foot with recur. at cervicodorsal region, in girl (Tur) 45477

*complications*

bone spicules after fract. of lumbar spine transverse processes (Ger) 39387

*etiology and pathogenesis*

burn, extensive (Ger) 55734

traum., of shoulder (Ger) 55733

*in infant and child*

progressive, case reports 28001

progressive, case report (Sp) 8880

progressive, case report & review (It) 20226

progressive, in 3-year-old child (Fr) 30467

progressive, in 12-year old girl (Cs) 35044

*manifestations*

progressive, clin. features (Ger) 15358

MYOTONIA

*case reports*

(Rus) 34687

*etiology and pathogenesis*

vasopressin ther. of diabetes insipidus with anterior pituitary gland insuff. (Ger) 49283

MYOTONIA ATROPHICA

*case reports*

(Fr) 14390

31968

(Rus) 28819

*complications*

pituitary tumor with acromegaly in patient with eumuchoidism 30203

syringomyelia, familial (Ger) 33868

*manifestations*

forearm musc. & heart, eff. of various drugs (Fin) 49211

*pathology*

review (Ger) 39037

*physiology*

endocrine funct. (Sp) 21794

nuclear sex chromatin pattern 41816

*therapy*

procaine & N,N-diethylleucinon-p-aminobenzoic acid methanesulfonate (Ger) 33852

MYOTONIA CONGENITA

*case reports*

atypical forms, clin. manifest. & electromyography (It) 32475

in myxedema, familial study 43

*experimental*

eff. of atropine on skeletal musc. in goat 17934

*therapy*

procaine & N,N-diethylleucinon-p-aminobenzoic acid methanesulfonate (Ger) 33852

*MYSOLINE see* PRIMIDONE

MYTHOLOGY

*see also* FOLKLORE

King Oedipus, relation to Oedipus complex (Fr) 15822

Lokman Hekim as mythol. figure of Islamic med. 16360

*MYTOLON see* MUSCLE RELAXANTS

MYXEDEMA

*see also* CRETINISM

bibliog. 54590

congen., classif., review (Fr) 25082

pituitary & primary, differ. diag., ther. & case reports (Fr) 32376

*case reports*

29241

circumscribed (Sw) 54822

primary myxedema in congestive heart failure, case report (Fr) 37920

synd. of exophthalmos, hypertrophic osteoarthropathy & localized myxedema 47517

with myotonia congenita, familial study 43

*complications*

heart dis. (Fr) 31118

hyperthyroidism with pretibial myxedema in patient with hypertrophic pulm. osteoarthropathy 17047

hypothermic coma, case reports 14278

neurol. & musc. disord. (Sp) 38539

pericardial effusion 50693

pleural effusion, solitary, case report 16583

*diagnosis*

thyrotropic hormone stimulation test (Dan) 45511

*etiology and pathogenesis*

dimethyl-dithio-hydantoin, prolonged admin. (Fr) 9102

pretibial, caused by synthetic antithyroid ther. of hyperthyroidism (Fr) 2405

primary myxedema occurring after cessation of prolonged admin. of desiccated thyroid in initially euthyroid patient 39924

thyroid antag. ther. of hyperthyroidism (Fr) 41943

*immunology*

thyroid antibodies 28981

*in aged*

causing psychoses, case report 16574

*metabolism*

serum albumin, radioiodine-labeled, eff. of thyroxin on metab. 50457

*pathology*

cytol. of pituitary gland 51036

esophagus, x-ray (Sp) 9700

esophagus, x-ray determ. (Ger) 6721

heart, review (Ger) 27384

*physiology*

calorigenic eff. of acetylsalicylic acid 15048

neuromusc. response as measure of ther. efficiency (Fr) 37776

reaction time 6144

*therapy*

desiccated thyroid, triiodothyronine & thyroxin, comparative metab. eff. 4843

triiodothyronine, case report (Sp) 53904

*urine in*

neutral 17-ketosteroids, simplified method of combined continuous extraction & acid hydrolysis 40251

MYXOCOCCUS

xanthus, lysis 5085

MYXOMA

*case reports*

cardiac, bilateral multicentric, histogen. 34944

left auricle, with left auric. & pulm. artery pressure tracings 14043

jaws 20131

*surgery*

heart, technic 2157

*MYXOMATOSIS, INFECTIOUS see* VIRUS DISEASES

MYXOSARCOMA

*case reports*

develop. with scirrhous carcinoma in irradiated area after radiother. of asthma (Ger) 32642

fibromyxochondrosarcoma of mandible 24676

*experimental*

Fujinami tumor in chickens, electron microscopy of ultrastructure (Fr) 2322

*in infant and child*

rhabdomyomyxosarcoma of bladder, x-ray diag. & case report (It) 27625

NAILS

*see also* PARONYCHIA

fluorescent material 34855

quick determ. of arsenic in (Ger) 39031

*diseases*

caused by hypoparathyroidism, relation to hypothalamus (Ger) 34449

caused by tetany, relation to hypothalamus (Ger) 34450

ingrowing toenails, surg. 20558

ingrown toenails, surg., negative galvanic current technic 40388

Microsporum gypseum infect. of fingernails, case report 23368

mycotic onychia, ther,, zinc, iontophoretic admin. (Rus) 55197

onychodystrophia with alopecia areata & glossitis in child. (Ger) 27110

onychomycosis, ther., borotannic complex-salicylic acid prep. 4571

onchomycosis, ther., borotannic complex-salicylic acid prep. (Ger) 20604

onychoschizia, onychogryposis & abnorm. (Fr) 2400

*in various diseases*

psoriasis (It) 3908

*surgery*

wedge resection of toenail 29307

NALORPHINE

in labor, with increased dos. of meperidine 5571

mechanism of action in morphine antag. 44264

*effects*

antag. of (2,2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine, meperidine & methadon (Fr) 12962

*therapeutic use*

asphyxia neonatorum (It) 21486

*NANISM see* DWARFISM

*NANISM see* INFANTILISM

*NAPHAZOLINE see* SYMPATHOMIMETICS

NAPHTHALENE

*effects*

induction of cataract in newborn rabbits after maternal admin. (Bul) 16416

*injurious effects*

acute hemolytic anemia in postnatal period 25924

acute hemolytic anemia with methemoglobinemia & methemalbuminemia in newborn inf. (Ger) 34116

*metabolism*

liver, hydroxylation in rat liver microsomes by enzyme systems 37074

oxidative metab. by soil Pseudomonads 7173

*poisoning*

causing hemolytic anemia & glutathione metab. disord. in erythrocytes 7868

*related compounds*

α-cyano-β-(1-naphthyl)acrylic acid deriv., catalytic hydrogenation with failure of products to exhibit oxytocic activity 40384

3-hydroxy- & 3-alkoxy-2-naphthoic acid dialkylaminoalkyl esters & amides, synthesis & pharmacol. 16706

5-hydroxytetralone, reaction mechanism with glucose 14920

2-methyl-1,4-naphthalenedioldiphosphate - isoniazid - 2-diethylaminoethyl-(2-phenyl) butyrate prep. in ther. of whooping cough (Ger) 19446

α-naphthalene-acetic acid, eff. on prod. of cicatricial tissue in maple trees (Fr) 26930

naphthol AS-phosphates in histochem. demonstration of acid phosphatases 5436

2-naphthylamine & 2-acetamidonaphthalene metabolites, isolation & analysis 1653

α-naphthylthiourea, tox. hazards 30128

4-substituted 1,3-dihydroxy-2-naphthoic acids, antibact. eff. (Ger) 22997

tetrahydro-2-naphthol, conversion to tetralin-p-quinol & protein-bound deriv. in rat liver microsomes 16929

tetrahydro-2-naphthylamine, eff. on cyclophorase activity of liver in rats (It) 1885

tetrahydro-2-naphthylamine, eff. on cyclophorase activity of rat liver in vitro (It) 1887

tetrahydro-2-naphthylamine, eff. on succinic dehydrogenase activity of liver in rats (It) 1886

tetrahydro-2-naphthylamine, eff. on succinic dehydrogenase activity of rat liver in vitro (It) 1888

tetrahydronaphthylamine, eff. on urinary excretion of vitamin C, hexoses & pentoses in rats (It) 37402

tetrahydronaphthylamine, eff. on vitamin C content of various rat organs (It) 37401

tetralin smoke, tox. to guinea pigs & mice, comparison with sulfur dioxide 11533

NAPHTHOQUINONES

2-methyl-1,4-naphthoquinone inhib. of glycolysis in Ehrlich ascites tumor homogenates & intact tumor cells in mouse (Ger) 46163

NAPHTHYRIDINES

catalytic reduction 14915

*determination*

infrared spectra 14918

*preparation of*

2,3-benzo-1,6-naphthyridine & 1,7-naphthyridine 14917

1,6-naphthyridine 2812

2,7-naphthyridine 2813

*NAPHURIDE see* SURAMIN

NARCOSYNTHESIS

hydroxydione succinate as narcoanalytic drug 22424

indic. & technics 15917

methylphenidylacetate with barbiturate in narcoanalysis of schizophrenics & paranoid (It) 7742

narcosis, comparison with hypnosis (Fr) 55124

NARCOTICS

*see also* DRUG ADDICTION

*administration*

insidious admin. methods (Ger) 36507

*effects*

correlation with surface activity (Ger) 36951

on develop. of cond. reflex to heat stimuli in guinea pigs (It) 1891

on rigor mortis (Rus) 39325

*in urine*

determ. by high-voltage electrophoresis technic (Ger) 39871

*legislation*

in Kentucky 5245

NARCOTINE

*determination*

in presence of papaverine, method 17953

*NASAL BONE see* NOSE

NASAL CAVITY

*see also* TURBINATE BONES

absorp. of epinephrine - posterior pituitary extract prep. & insulin through nasal mucous membrane in clin. studies & exper. (Ger) 23740

inferior meatus, morphol. & eff. of disloc. of turbinate bones (Fr) 44659

measurement of nasal air flow resist. 36268

nasal instillations, risks (Fr) 45030

nasal mucus smear, diag. value in pregn. toxemias 24504

nasal smear comparison with cervical smears 49498

pH of nasal fossa, eff. of stimulation & fatigue of ophthalmic nerve (It) 37311

probe for insertion of tampons & drainage tubes (Pol) 30319

rhinomanometry in normal subjects & patients of various rhinol. disord. 51349

*abnormalities*

choanal atresia, bilateral complete, case report 51354

choanal atresia, case report (Sp) 53942

choanal atresia in newborn & premature inf. causing asphyxia, case reports 41271

choanal atresia, total, in newborn, case report 5403

congen. posterior choanal atresia 24680

imperforate choanae, causing grave dyspnea in newborn (Fr) 30475

*anatomy and histology*

cytochem. studies on nasal vestibular glands in cats 7657

erectile zones, localization & morphol. variations (Fr) 13071

nasal mucosa, histochem. (Ger) 22777

periodic acid-Schiff reaction of basement membrane of epithelium of nasal mucosa in chronic inflamm. (It) 1498

*calculi*

asympt. rhinolith containing deciduous tooth, case report (Sp) 23910

rhinolithiasis (Fr) 42003

*diseases*

atrophy of nasal mucosa (Ger) 52181

caused by stress factors, pathogen., prev. & ther. 36275

chronic purulent postnasal discharge, etiol. & ther. 46479

congestion, sympt. relief ther. 16310

furunculosis, ther., chloramphenicol & erythromycin (Ger) 42379

lower nasal hyperpatency, relation to maxillary sinusitis & clinicoradiol. data for vasodilative & secretory nasal ther. (It) 42600

ozena & rhinoscleroma, ther. eff. of novobiocin on Klebsiella ozenae & rhinoscleromatis (It) 1858

rhinobronchial dis., ther. thermal cure (Fr) 10037

rhinorrhea, cerebrospinal accid. prone person, case report 11725

rhinorrhea, cerebrospinal after cranial inj., diag. & ther. (Fr), 8235

rhinorrhea, cerebrospinal posttraum. (It) 42720

rhinorrhea, eff. of venous arteriolar reflexes 52762

ther., adrenolytic & cholinergic drugs, review (It) 42597

ther., vasodilative & secretory drugs in restoration of patency (It) 42599

tuberc., miliary, simulating lupus vulgaris (It) 48109

tuberculoma (It) 17529

*effect of drugs on*

formalin vapors, adaptation ability of mucosa in rats (Ger) 22770

(4-ter-butyl-2,6-dimethyl)benzyl-2-imidazoline on air permeability of nares (Ger) 3950

*embryology*

develop. of glands of vomeronasal organ, in humans (Ger) 11107

*in various diseases*

allergy, follicles of mucosa 39300

caisson dis., otorhinol. manifest. (It) 15764

rheum. fever, nasal cavities as site of primary streptoc. infect. in child. (Pol) 7810

*metabolism*

adenylpyrophosphate, eff. of naphazoline, phenylephrine, epinephrine & tetracaine in rats (Ger) 25334

mucosal content of lysozyme in patients of nasal polyps, eff. of surg., clin. study & review (It) 52938

pH of nasal fossa, statist. (It) 1856

*microbiology*

eff. of climate & geographic data on composition of bact. flora (Ger) 46227

eff. of penicillin on microorganisms of hosp. personnel & patients (Rus) 36379

micrococcal nasal carrier rate in staff & patients of maternity hosp. 19930

Micrococcus pyogenes aureus in anterior nares causing recur. styes, ther., intranasal gramicidin-neomycin ointment 10397

Micrococcus pyogenes aureus, nasal carriage by nurses 5647

Micrococcus pyogenes, eff. of hospitalization on carrier rate of antibiotic-resist. strains in patients 11628

*neoplasms*

chromophobe adenocarcinoma, clin. & postmortem pathol. 23451

diag. & radical surg. 6240

esthesioneuroblastoma, case report 12678

esthesioneuroepithelioma 34948

fronto-ethmoidal osteoma, extending into left nasal cavity 28477

ganglioneuroma not fully developed in child, surg. (Pol) 30315

melanoblastoma, case report (Ger) 23040

neurogenic tumor (Sp) 23920

review (It) 13493

schwannoma, case report (Fr) 13075

ther. & surg. 11737

uncommon neurogenic tumors, review 49624

with unusual metastases, case report (Ger) 23041

x-ray ther. of cancer of nasal fossa 12679

*pathology*

mucosal ground substance in infect., comparison with normal cond. 1193

*physiology*

crystallography of mucus in test of ovarian funct., reaction to crystallography of salivary & endometrial mucus (Fr) 3134

eff. of exper. mucosal inflamm., eff. on reflex & drug resorption in rats (Ger) 25340

eff. of olfactory stimulation on nasal pH (It) 48110

eff. of periarterial sympathectomy (Fr) 44668

eff. of stimulation & fatigue of ophthalmic nerve on pH of nasal fossa (It) 37311

funct. in relation to chronic obstruct. (Ger) 42259

nasal resp. capacity determ. by saturation test (It) 13502

*stenosis*

bilateral stenosis of nasal passages causing asphyxia neonatorum in inf. with Crouzon's dis. 34938

*surgery*

appar., self-holding nasal speculum (Ger) 27749

*wounds and injuries*

chromic acid inj. to nasal mucosa (Fr) 36164

## NASAL POLYPS

evaluation & ther. 29255

hemorrhagic (Sp) 23907

lysozyme content of polyps & nasal secretion, eff. of surg., clin. study & review (It) 52938

*diagnosis*

tomography of nasopharynx in Hirtz position (Fr) 13066

*surgery*

choanal (Ger) 46154

compl., postop. tracheopathia chondro-osteoplastica, case report (Ger) 19327

with optimal dose allergy ther. 52673

*therapy*

55020

management 49381

55020

## NASAL SEPTUM

*blood supply*

glomerular vessels, in normal cond. & Osler-Rendu dis. (Fr) 44663

*diseases*

tuberculoma (Sp) 21211

*surgery*

appar., bone raspatory (Ger) 27749

appraisal of results 16687

columella elongation by forked flap, technic 30659

indic. & technics (Fr) 45024

maxilla-premaxilla approach to extensive surg. 111

plastic surg. to improve nose appearance & resp. (Ger) 34190

prosth., corrective technics, indic. 5076

*wounds and injuries*

causing deviation in child., surg. indic. in relation to nose growth 23446

*NASAL SINUSES see* PARANASAL SINUSES

*NASAL VESTIBULE see* NASAL CAVITY

## NASOLACRIMAL DUCT

*anatomy and histology*

develop. in Xenopus laevis (Dut) 7358

*surgery*

problems 24540

reconstruction by Thiersch's skin graft technic, indic. 2851

## NASOPHARYNX

*diseases*

nasopharyngitis in aviators, causing otitis & sinusitis, pathogen. & prev. (Fr, Dut) 46555

*fistula*

internal, of developmental origin, case report 875

*infections*

in child., ther., oral vaccine (Fr) 50769

*microbiology*

cytotoxic eff. of various nasopharyngeal microorganisms on monkey kidney tissue cultures (Fr) 47400

*neoplasms*

36270

cytol. diag. & progn. 6224

diag., radiother. & surg. 6239

differentiation between Hodgkin's dis. & reticulum cell sarcoma, histopathol. (It) 1496

fibroma, case reports 5290

fibroma, case reports (Fr) 35248

fibroma, sonid hemorrhagic, in child. (Sp) 23905

fibroma, surg., transpalatine route (Fr) 47484

malignant tumors in Indonesia 46476

massive tumor with cervical adenitis, differ. diag. from infectious mononucleosis, case report 17630

metastatic, from hypernephroma, causing recur. tonsillar hemorrh. (Ger) 23034

metastatic to cervical lymph nodes (Ger) 38992

myeloma, plasma cell (Ger) 25338

nasopharyngeal & tonsillar tumor in acute leukosis in 9 year-old boy (Fr) 13083

plasma cell myeloma (Hun) 39431

plasmocytoma, isolated, case report (Fr) 13081

radiother., converging, technic (It) 19271

teratoma 5291

teratoma in newborn causing asphyxia 5294

with intracranial involvement, angiography (Fr) 35422

*physiology*

lymphoid tissue, relation to paranasal sinuses 53500

rhinomanometric measurement of resp. pressure variations in rhinopharynx, appar. & technic 35334

*radiography*

soft tissue x-ray of nasopharynx in determ. of size, shape & position of adenoids 6225

tomography in Hirtz position in diag. of neoplasms & polyps (Fr) 13066

## NATIONAL HEALTH PROGRAMS

51416

in Argentina, program for prev. of perinatal mortal. (Sp) 36857

in Canada 16227 48433 48434 48435 48436

in Canada, develop. of program 16229

in Canada, implementation of program 16228

in Canada, med. & hosp. care program of Manitoba 14590

in Canada, role of hosp. 16230

in Canada, role of nurses 2650

in Denmark, relation of family doctor to hosp. 2186

in European countries (Sw) 22138

in France, coverage of cresother. of rheum. under national health program (Fr) 43803

in Gt. Brit. 32904

45919

48293

in Gt. Brit. (Sw) 22140

in Gt. Brit., costs 14696

in Gt. Brit., disadvantages for physicians 30101

in Gt. Brit., filling of retirement vacancies 2179

in Gt. Brit., GP's position 17709

in Gt. Brit., health insurance coverage, benefits & organiz. of serv. (Sp) 39124

in Gt. Brit., increase in charge for private hosp. beds 41875

in Gt. Brit., jubilee (Sw) 10180

in Gt. Brit., National Health Serv. (Dan) 18586

in Gt. Brit., National Health Serv. (Sp) 39122

41888

in Gt. Brit., school health serv. 42176

in Hungary, expenditure in 1956-1957 (Hun) 30037

in Ireland, med. serv. for low-income groups 19444

in Sweden (Sw) 10181

in Sweden, integration of regional sick care into national plan for specialised hosp. care (Sw) 45341

in U. S., cooperations between private practice & Federal Government 45085

in W. Germany, admission to position as insurance physician as property right (Ger) 42394

increased use of drugs in E. Germany, econ. aspects (Ger) 11157

med. & hosp. care program, effective hosp. admin. 14594

med. & hosp. care programs, effective use of hosp. resources 14591

med. & hosp. care programs, effective use of nursing serv. 14592

med. & hosp. care program, laboratory & radiol. diag. serv. of hosp. 14593

## NATUROPATHY

*in various diseases*

kneipp steam ther. in circ. disord & rheum., with iontophoresis of histacon (Ger) 39949

kneippism in cardiovasc. dis. (Ger) 16101

kneippism in cerebral circ. disord. (Ger) 39948

peptic ulcer (Ger) 4049

phlebitis & ulcus cruris (Ger) 39957

## NAUSEA

*see also* PREGNANCY TOXEMIAS

mechanism of acute hypotension from fear of nausea 2262

*etiology and pathogenesis*

electroshock ther. of meni. patients, ther., diphenydramine HCl 12599

*in pregnancy*

ther., dicyclomine-doxylamine succinate-vitamin B6 prep. 4317

ther., menadione-vitamin C prep. (Fr) 22465

*physiology*

physiopathol., review 12285

*prevention and control*

cyclizine in postop. prev. in cataract extraction 12971

*therapy*

perphenazine in postanesth. nausea & retching 35981

## NECK

*see also* BRANCHIOMA

*see also* THYROGLOSSAL CYST

*abnormalities*

bilateral pterygium coli in 11-year-old girl, clin. & x-ray manifest. (It) 42799

pterygium, surg. (Ger) 29097

surg., problems 5205

*anatomy and histology*

fascia & musc. (Rus) 5964

*cysts*

calcified epithelioma of Malherbe of neck behind ear, case report 18485

*diseases*

actinomycosis, cervicofacial, after teeth extraction 41250

actinomycosis, cervico-facial, ther. (Bul) 45288

actinomycosis, pathogen. & clin. picture (Ger) 51856

carbuncle infect., case report 55361

carbuncle with develop. of gangrene of sternum, surg. (Fr) 2383

cervical synd., x-ray ther., indic. 53049

cicatricial seq. of severe burn of neck, surg. repair with dorsal flap, case report (Sp) 37277

echinococcosis of nape simulating benign cancer, case report (Sp) 8808

in inf. & child, surg. & anesth. (Fr) 425

lumps, classif. & differ. diag. 48172

neuromusc. disord., diag. value of electromyography 48760

pain, eff. on ECG during hyperextension & traction (It) 0660

pain, spinal traction 51564

painful cervico-scapulo-brachial synd. in coronaritis (Fr) 53380

traum. actinomycosis, cervico-facial, case report (It) 30338

traum. swelling & inflamm., ther. trypsin 24678

*fistula*

hosp. statist. (It) 25710

*foreign bodies*

shell fragment, prolonged presence (Rus) 45749

transpharyngeal penetration by segment of pipe (Rus) 45743

*fractures see* SPINE, *fractures*

*muscles and tendons*

elastic fibers in ox ligamentum nuchae, polarization microscopy 19576

strength of neck flexor musc. in postpolio. & normal child., comparison 1482

prolonged contraction causing periauricular pain (It) 25571

synd. of 4th cervical myotome (Ger) 29473

*neoplasms*

cervicomediastinal lymphangioma with chylopericardium in inf. 23481

cervicothoracic, x-ray diag. 47229

chondroma in child (Rus) 45751

differ. diag. & ther. of cancer & swellings (Ger) 8139

differentiation from persistent right jugular lymph sac 2892

embryonal rhabdomyosarcoma 48542

hemangioendothelioma in 2-year old child (Por) 43483

Hodgkin's dis., cervicothoracic, radiother. & surg. (Fr) 51444

lymphangioma, cystic, in Mexican child. (Sp) 37259

malignant melanoma, incidence, diag. & ther. indic. 36261

melanoma, diag. & surg. 6242

myeloma, plasma cell (Ger) 30030

myoblastoma, granular-cell 37559

paraganglioma, non-chromaffin 1181

primary (Fr) 32401

radiother., indic. 5227

reconstructive surg. 20397

surg. extensions & modifications of radical surg. technics 17508

surg. management of head & neck cancer 5202

surg., postop. rehabil., role of pub. health nurse 52797

synovioma (Tur) 33000

teratoma in newborn inf., postmortem pathol. (Ger) 34453

*physiology*

eff. of labyrinthine stimulation on musc. tonus in cats (Ger) 25392

tonic reflexes, eff. of body position (Rus) 1741

*surgery*

dissection after study of cerebral venous drainage by sinography 270

new concepts in correlation of surg. anat. & embryol. in lateral cervical vestigeal structures 10486

postop. reconstructive surg. 8010

principles of vasc. surg. 36262

radical bilateral dissection in metastatic cancer of cervical lymph nodes (Sp) 43885

*wounds and injuries*

burns, plastic surg. (Fr) 47376

definition & medico-legal aspects 40295

open wds. causing paralysis of brachial plexus (Fr) 35045

whiplash inj. 51482

whiplash inj., accid., diag., ther. & medicolegal aspects 47287

whiplash inj. caused by traffic accid., review 19904

whiplash inj., exper. prod. in cadavers, x-ray 48772

whiplash inj., medicolegal aspects 40118

whiplash inj., neurophysiol. basis for pain & rehabil. 16657

whiplash inj. unassoc. with fract. or neurol. sympt. 16690

whiplash inj. with multiple spinal disord. caused by traffic accid. 14553

***NECROBIOSIS LIPOIDICA see*** **LIPOIDOSIS**

***NECROBIOSIS LIPOIDICA DIABETICORUM see*** **DIABETES MELLITUS**

**NECROSIS**

aseptic, metaphysial of hip, shoulder & ankle in child. & adolescents, case reports (It) 42742

aseptic of bone in caisson dis. 26058

eff. of various necrosis-preventing factors on hemolysis in defic. rats & chicks 5552

humeral artery, caused by gunshot wd. of arm, with thrombosis (Sp) 25944

juvenile aseptic necrosis of knee, in 7-year-old child (It) 39665

maxillary, diag. & etiol. 24691

multiple skin necroses with hypoproteinemia in aged woman 37556

*diagnosis*

serum transaminase determ., new technic (Fr) 44880

x-ray diag. of acute necrosis of pancreas (It) 29664

*experimental*

after arterenol-induced extravasation, prev. in rabbit 35703

esophagus, caused by caustic burns, eff. of prednisone (It) 47825

*in infant and child*

renal tubular & islands of Langerhans necrosis in newborn inf. 23514

*metabolism*

transaminase & blood cholinesterase levels 28297

*pathology*

temporal lobe necrosis in viral encephalitis 17794

*therapy*

trypsin aerosol (Dan) 52713

***NEGATIVISM see*** **BEHAVIOR MECHANISMS**

**NEISSERIA**

phlegmon & peritonitis caused by Neisseria crassa in inf. (It) 29740

**NEISSERIA GONORRHOEAE**

endotoxin, eff. of sonic energy, ultracentrifugation & phenol 44113

natural resist. of guinea pigs to gonococci, mechanism (Ger) 25260

*culture*

identification on various media, comparison of results 17894

technical problems (Ilus) 13879

*effect of drugs on*

antibiotics, sensitivity (Dan) 51414

penicillin sensitivity (Ger)

penicillin, streptomycin & tetracycline on strains isolated in 1944 & 1957 48250

**NEISSERIA MENINGITIDIS**

specific hapten of group C, chem. characterization 17410

specific hapten of group C, prep. & immunol. behavior 17409

**NEMATODE INFECTIONS**

esophageal sarcomas assoc. with Spirocerca lupi infect. in dogs 38074

in sheep, relation to flock behavior of sheep 30360

increase in post-parturient sheep 30359

*case reports*

Macracanthorhynchus hirudinaceus (Rus) 18880

*diagnosis*

Cystocaulus acreatus lung infect. in Poland (Pol) 33721

lungs, in cattle in Poland (Pol) 33716

Ostertagia asymmetrica infect. of roe deer (Pol) 33798

philometrosis in crucian carp (Pol) 33774

test-tube cultivation method 4330

*experimental*

Dictyocaulus viviparus bronchitis in calves, eff. of oral & intramusc. diethylcarbamazine, comparison 17106

lungworm infect. of calves after subcutaneous inject. of larvae 12727

*statistics*

seasonal fluctuations of gastrointestinal nematodes of imported beef feeder calves in No. E. Iowa 4611

*therapy*

copper & nicotine sulfate mixture & phenothiazine in sheep 30358

hydromycin in gastrointestinal infect. in sheep, failure 40416

phenothiazine in yearling cattle on winter pastures 12729

phenothiazine prep. in feedlot cattle, field trial 4627

**NEMATODES**

***see also*** **ASCARIDOIDEA**

***see also*** **FILARIOIDEA**

***see also*** **SPIRUROIDEA**

***see also*** **STRONGYLOIDEA**

***see also*** **TRICHINELLOIDEA**

carriage of intestinal bact. (Pol) 33753

Cooperia mcmasteri & Cooperia surnabada in U. S. 5599

cuticle, electron microscopy (Rus) 25919

Dictyocaulus filaria, cultivation in vitro & growth in guinea pigs (Pol) 33719

Dictyocaulus, morphol. of species isolated from ruminating animals (Pol) 33718

Elaphostrongylus, proper designation of Neurofilaria 48974

Habronematinae, classif. (Fr) 36173

Haemonchus contortus & Ostertagia species, in vitro cultivation of histotrophic stages 52432

Hammerschmidtiella diesingi parasitic in cockroaches, morphol. of male, female & 4th stage female larva 30375

Leidynema appendiculata parasitic in cockroaches, digestion 30376

Longistriata kenyae n. sp. from house rat in Kenya & erection of new genus Longistrioides 5140

Parapsidodera sellsi, redescription & removal to new genus Morgascaridia 5137

Trichosomoides parasite of nasal cavity of sewer rat in Rome (It) 7618

Tylenchorhynchus martini, induced swarming as means of isolation in vitro 19602

***NEMBUTAL see*** **PENTOBARBITAL**

***NEOANTERGAN see*** **ANTIHISTAMINICS**

**NEOMYCIN**

chem., phys. & pharmacol. studies (Fr) 54897

prep. for prolonged retention in lymph (Rus) 36357

*administration*

spray delivering neomycin, bacitracin & polymyxin in powder form, eff. on bact. in vitro 48504

*effects*

B & C on bact., comparison of activity (Fr) 54908

neomycin glucuronate, exper., antibact. & ototoxic eff. 46484

on bact., sensitivity & cross-resist., comparison with kanomycin 25000

on bact., susceptibility & cross-resist. to other related antibiotics 31386

on blood proteins in rat, alone & with E. coli endotoxins 36349

on intestinal yeasts during ther. use 25134

relaxant eff. on frog nerve-musc. prep. 31463

*injurious effects*

allergic reactions to neomycin-streptomycin (Fr) 9634

conjunctivitis due to sensitivity 23426

deafness (Ger) 7105

dermatitis, caused by excessively protracted admin., with bacitracin ointment (Dan) 33386

dermatitis, contact, case reports 37552

neuromusc. blocking action as anesth. hazard 12976

resp. depression following peritoneal lavage in 6-year old boy 13487

*metabolism*

conjunctival sac (Cz) 38306

*therapeutic use*

acute bact. peritonitis, intraperitoneal admin. 10094

corneal ulcer caused by E. coli hemolytica & Pseudomonas aeruginosa, with streptomycin (Cz) 14834

eczema & neurodermatitis, neomycin - coal tar - hydrocortisone ointment 16342

eye dis., neomycin-prednisolone-sodium sulfacetamine prep., indic. (Fr) 14519

eye dis., with prednisolone & surfen ointment (Ger) 18952

eye dis., with prednisolone 24548

gramicidin-neomycin-polymyxin B solution for prev. of bact. contamination of donor eyes in eye banks 665

gyn. dis., with bacitracin, resorption & elimination (Ger) 22840

hepatic coma 34875

hepatic coma caused by liver failure or by gastrointestinal hemorrh. 26106

infantile diarrhea caused by pathogenic E. coli serogroups 26169

leukorrhea, with phthalylsulfathiazole, boric & lactic acids (Ger) 18954

neomycin-amphomycin-hydrocortisone eye ointment, clin. evaluation (Ger) 28904

neomycin-bacitracin-fludrocortisone ointment in skin dis. (Ger) 51862

neomycin-hydrocortamate ointment in skin dis. 50237

neomycin oleate in eye dis., with hydrocortisone & vitamin A (Ger) 10305

neomycin sulfate-cod liver oil ointment in ther. of burns and ulcers (Fr) 43819

pharyngitis caused by polymyxin B-resist. strain of Pseudomonas aeruginosa (It) 40874

preop. disinfect. of intestine, with bacitracin (Ger) 48355

preop. reduction of intestinal flora, with bacitracin (Ger) 13740

puerperal uterine infect. in cows, with chlortetracycline 28180

skin dis., with fludrocortisone & gramidicin ointment 38838

skin dis., with prednisolone & surfen ointment (Ger) 29422

styes caused by Micrococcus pyogenes aureus in anterior nares, intranasal gramicidin-neomycin ointment 18397

with bacitracin & hydrocortisone in ophthalmic ointments in eye dis., comparisons (Ger) 42277

*toxicity*

neomycin glucuronate, tox. & inj. eff. on cochlea & vestibular appar. (It) 52118

**NEOPLASMS**

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

antitumor action of spleen, mechanism (It) 20964

antitumor eff. of purified bovine xanthine oxidase in mice 19661

cancer quackery in U. S. 50858

cancer research program of U. S. Atomic Energy Commission 46758

cancerol., clin. cancer train. in U. S. 24100

cancerol., coordinated teaching in med. schools in U. S. 24190

cancerol. educ. for radiologists (Fr) 24181

cancerol., postgraduate educ. serv. & publications 24107

cancerol., professional & pub. educ. program in Brazil 24100

cancerol., professional & pub. educ. program in Peru (Sp) 24104

cancerol., professional educ. in U. S., methods 24182

cancerol., professional educ. in U. S., teaching patterns in med. schools 24103

cancerol., residency & postgraduate train. at Memorial Center, New York City 24109

cancerol. teaching in U. S. med. schools, 24191

cancerol., value of graphic arts in profession educ. 24185

chemother., radiother. & surg. (Fr) 49740

clin. classif. & applied statist. 55190

communication between physician & cancer patient 2507

contribution of Jacob Wolff 48532

culture of human neoplastic tissue, elimination of plasma from cultures 49800

cytotoxicity in human cell cultures as primary screen for detection of anti-tumor agents 26451

dependence of embryonic inductive action of HeLa cells on their growth media 40709

eff. of anti-tumor sera on Brown-Pearce rabbit carcinoma in tissue culture (Rus) 37211

eff. on work capacity, expert testimony (Ger) 12079

energy costs of growth in continuous metazoan cell cultures 2666

establishment of tumors as serv.-connected dis. (Ger) 15440

etiol. & ther. (Fr) 24255

etiol. & ther., research progr. 52840

extreme malignancy, evolutility & nucleotype (Fr) 31064

growth-promoting factors in tissues, review 26446

HeLa cell survival modified by 250-kvp & cobalt-60 radiation, variation with depth in tissue-equivalent phantom 31645

in animals 2661

in fish, species-specific tumors 3449

in physicians, psychother. aspects (Sp) 46760

Internat. Cancer Research Commission, Committee on Geographical Pathol. of Cancer, report 24171

KIK factor from urine of stomach-, liver-, lung- & breast-cancer patients, comparison with corresponding substance from normal urine 10386



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

KIK factor from urine of stomach-, liver-, lung-, & breast-patients & corresponding component of normal urine, toxohormone activity 10387

med. soc. serv. for cancer patient 2509

modern aspects (Ger) 4031

multiple malignant blastomas, review (It) 25649

neoplastic transform. of normal cells in vitro 2667

occult metastases, morphol. (Ger) 29117

oncol. develop. in Ukranian SSR (Rus) 33620

possible use of synthetic surface active agents for prep. of tumor cell nuclei 7232

precancer (Ger) 32287

precancerous state, classif. & case reports (Por) 28086

prev., diag. & ther. progr. in Burma 14535

primary carcinoma multiplex, review & case reports 37641

primary multiple cancer, case report 11805

Professional Educ. Committee of Georgia Division, Amer. Cancer Soc. 50798

prophase index of human tumors (Ger) 36418

punch-card for recording case hist. of tumor patients (It) 21418

quantitative biol. exper. in cancer research, review 50886

research 51521

research, cytol., support by US Government 24152

research, epidemiol. technics 17019

research, evaluation 19889

research, problems (Ger) 45267

research, value of electron microscopy (Fr) 30269

research, value of tissue culture 2665

resist. & sensitivity of domestic animals to cancer (Fr) 2328

sex chromatin in human tumor tissue culture 3512

spiritual care of cancer patients as special task (Ger) 6105

steroid inhib. & stimulation of cancer & steroid-producing cancer 53949

theory of collision & composition tumors, criticism (Ger) 24911

ther. abortion, indic. (Heb) 27780

tissue culture of neoplastic cells, eff. of actinomycin D 5420

toxohormone, eff. on liver arginase activity in mice (Fr) 3082

toxohormone, mechanism of action 39450

toxohormone with globulin-like characteristics from cancerous ascitic fluid, phys. & chem. properties 10365

toxohormones without KIK potency from cancerous & normal urines 10388

variation & selection within tumor cell populations 47581

Yates Memorial Clinic diag. statist. & serv. as graduate train. center for cancer detection 24188

***blood in***

ABO blood group distribution 42137

adenosine deaminase activity (Ger) 18325

amino acid levels in malignant dis. 4176

amino acids, determ., technic & diag. value (Fr) 51361

carcinolytic properties, eff. of hemother. (Rus) 20200

changes in nitrogen & proteins of blood returning from liver in DAB-treated rats (It) 55092

cholinesterase determ., diag. value 10437

coagulation (It) 8357

erythrocyte survival in tumor-bearing rats, radiochromium determ. 32695

esterases (Cz) 44871

glutamic-oxalacetic & glutamic-pyruvic transaminases (It) 20815

glutathione (Ger) 22959

glycolytic enzymes, eff. of protein on abnorm. enzyme activity 17777

glycolytic enzymes, limited diag. specificity of abnorm. enzyme activity 17776

glycoproteins & total proteins in cancer, carcinomatosis of bone marrow & myelomatosis (Sp) 8573

hexose mucoproteins, correlation with blood protein electrophoresis (Nor) 19947

hyaluronidase inhib. activity of serum in cancer patients (Hun) 51421

intravasc. erythrocyte aggregation in child. 47493

lactic acid dehydrogenase (Ger) 33964

leukocyte metab. (Ger) 23072

lipoproteins, eff. of cobalt telether. (P) 29603

malignant cells in peripheral blood, determ. by streptolysin-O technic 43132

mucoproteins in cancer with liver involvement (Sp) 21779

pentose splitting by blood of cancer patients (Rus) 55328

phagocyte activity, relation to dis. course (Ger) 32640

polarimetry (Rus) 20201

potassium, accelerated exchange between plasma & erythrocytes in Ehrlich's ascites tumor of mice (Ger) 3450

relation to arteriosclerosis, evaluation of dissection percentage & mortal. acceleration (Ger) 55530

seroflocculant activity of ethyl choladienate & various alcohols in Penn test 2680

specific substance in blood of cancer patient, possible ther. use (Sp) 15532

sulfhydryl cpds. (It) 55087

thermal blood serum coagulation (Rus) 54565

thrombocytopenia with circulating platelet agglutinin, platelet lysin & clot retraction inhibitor in cancer patient 48058

transaminases (It) 189

tumor cells in post-mortem blood in various types of neoplasms (Ger) 3274

***case reports***

monomelic multinodular tumoral eruption (Fr) 37889

multiple malignant neoplasms with Hodgkin's dis. in daughter & father 38075

multiple malignant primary tumors 38405

triple primary cancer 47256

***complications***

anxiety, depression & other ment. disord., ther., aminophylline with chlorpromazine & phenobarbital (It) 8603

diabetes mellitus (Ger) 33958

effusions in metastatic malignancy, ther., prednisone 16646

hemolytic anemia, role of spleen 2702

hemorrhagic pleurisy (Fr) 33382

hypertension (Rus) 45205

leukemia, rarity of assoc. (Sp) 43920

metastasis of cancer to cancer, pathol. & case reports 133

neurol. disord. 28960

pain, ther., dextro propoxyphene (Sp) 43934

pleural effusions, limited diag. value of radiophosphorus 14150

***diagnosis***

antihuman globulin test 2164

biochem. test for early diag. 46761

biopsy, needle, methods & value in cancer of various sites 24162

by induction of fibrinolysis of coagulated plasma of cancer patients in tumor tissue culture (Ger) 24190

carcinoma & sarcoma, microscopic criteria 11763

cytodiag. 24161

cytodiag. (Fr) 29200

cytodiag., hist. develop. 24127

cytodiag., importance of nuclear changes in comparison to cytoplasmic changes (Fr) 24143

cytodiag. of cancer cells in blood & bone marrow (Ger) 34173

cytodiag. of malignant growth (Ger) 55370

cytodiag., progr. 50820

cytodiag., quantitative & qualitative cytochem. exam. (Ger) 24146

cytodiag., rapid inclusion of exudative sediment (It) 52082

cytodiag., technic 14765

cytol. in early diag. 24467

early cytodiag. based on increased nuclear size (English & Fr) 24201

early diag. 5358

early diag. as a psychol. problem 18415

early diag. by fluorescence microscopy (Sp) 31860

early diag., practical aspects 13679

early diag., role of nurse 14728

early histol. diag. (Ger) 54374

Eisenstaedt serol. reaction, evaluation 41190

localization by transverse body-section roentgenography, technic 35866

localization with photoscintigraphy (Ger) 10006

radiophosphorus, external bremsstrahlung, technic (Fr) 32706

review 48410

Sagi-Pleas blood test (Bul) 32743

serum agar-agar reaction (Ger) 55523

significance of alterations in lactic dehydrogenase activity of body fluids 48538

testing programs, present-day status 24205

Tokuoka reaction based on blood spermine levels, evaluation (It) 44847

***differential diagnosis***

basalioma, histol. differentiation (Ger) 30020

***etiology and pathogenesis***

(It) 52047

arsenic cancer in vintners (Ger) 7086

arsenicals, in chem. workers (Ger) 11361

carcinogenesis in relation to electron transfer processes in carcinogen-protein complexes 26008

eff. of variations in host on pathogen. of tumor invasion, interaction of normal & transformed cells in tissue culture 48563

immunol. basis of carcinogenesis 28025

incidence in people exposed to dust (Ger) 46013

malignant degen. caused by irradiation ther. of benign cond. 53632

morphol. process of carcinogenesis, exper. studies on methylcholanthrene-induced skin tumors in mice (Ger) 32291

neuropigmentary imbalance of cells, theory (Por) 16127

pathogen. of metastasis form. in vivo in rabbit ear chamber 11766

popular beliefs on causes of cancer 2173

psychol. states as factors in develop. of cancer, review 50880

radiations, review 26403

relation of cancer mortal. to atmospheric deposit & smoke 37720

relation to dysproteinemia & paraproteinemia 40982

relation to nutrition (Ger) 45268

review (Rus) 20195

role of hormones & neuro-endocrine system in carcinogenesis & proliferative processes, review (Fr) 9182

role of hormones in genesis of human cancer (Fr) 9183

role of stimulation of sympathetic NS by hormones, regulating tissue growth (Fr) 9184

scurvy (Dut) 3759

smoking, determ. of arsenic in regular-sized unfiltered & filtered cigarettes 38050

smoking, differences in incidence between Seventh-day Adventists & others, statist. 14543

smoking, review 50880

thorotrast (Ger) 11346

trauma after exposure to carcinogen, review (Ger) 30271

trauma, expert testimony (Ger) 34550

trauma, relation to single inj. 48431

trauma, review 21844

use of germfree animals & technics in detection of unknown etiol. agents 13239

viral theory, review 13258

viral theory, review (Rus) 20194

viruses 23397

viruses, present concept (Hun) 43422

***experimental***

***see also*** **CARCINOGENS**

aging factor in cancerogenesis 13260

ameboid motility of ascites hepatoma cells & its significance for their invasiveness & metastatic spread 38093

ameboid motility of fresh ascites tumor cells 19535

anemia in tumor-bearing mice, mechanism of erythrocyte destruction 41183

antitumor eff. of sarkomycin-isoniazid complex in rats 40428

ascites tumor, eff. of cytotoxic & anti-cytotoxic antibodies on tumor growth in mice (Ger) 46145

astatine 211 induction of mammary tumors in rat, thyroid mechanisms 8536

atypical enzyme distribution in fractions of Ehrlich ascitas & liver cells prepared from glycerol homogenates 48589

azaserine with 2-amino-6-mercaptopurine causing inhib. of ascites cell growth 2698

basic studies on growth using method of transpl. in hamster cheek pouch 10502

bladder, induced in mice & rats by nitrogenous cpds. (Fr) 9010

bone, induction in monkeys (Rus) 20196

Brada-Švejda transplantable tumor, eff. of splenectomy in rat (Ger) 30020

Brada-Švejda tumor, eff. of various diets 30020

carcinogenesis, eff. of androgens in mice (Rus) 55324

carcinogenesis, eff. of time interval & sequence of initiating & promoting stimuli on tumor yield 38087

carcinogenesis in mouse ovaries after x irradiation 38073

carcinogenesis in rats, eff. of denervation (Ger) 38417

carcinogenesis, penetration of chromium into cell nucleus 38068

carcinogenic changes on sites of implantation of carcinogenic & non-carcinogenic substances, luminescence microscopy (Rus) 55320

carcinogenic response of mice to far & near ultraviolet light, influence of methoxsalen admin. 28444

carcinogenesis, cellular aspects 13254

carcinogenesis, endogenous factors (Ger) 15430

carcinogenesis, energy in causal-constitutional hypothesis, review (Ger) 12087

carcinogenesis on rabbit ear after sensitization & desensitization & cervical sympathectomy (Rus) 20197

carcinogenesis, review of theories 9577

carcinogenic action of plant hormones in plants (Fr) 9185

DS carcinosarcoma, eff. of surg. & N,N-bis(2-chloroethyl)-N',O-propylene-phosphorodiamidic acid with 2,5-bis-aziridinyl-3,6-dipropoxyquinone in rats (Ger) 52213

cell types in Ehrlich ascites fluid, fractionation by sucrose gradient centrifugation 31286

characteristics of assay for Rous sarcoma virus & Rous sarcoma cells in tissue culture 45829

chem. carcinogenesis, mechanisms of action, review (It) 44366

chem. induction of imitations of mitotic anomalies common to cancer cells 13253

chondroid metaplasia of chick embryo reticuloendothelial system produced by choriotropic virus (Fr) 44843

chromosomal numbers in sublines of hyperdiploid Ehrlich ascites mouse carcinoma (Ger) 55533

colon carcinoma, prod. & pathogen. in rats 2670

correlation between partial anaerobiosis & increased fermentation of cancer cells & their sensitivity to radiations (Ger) 47724

Crocker tumor, eff. of embryonic tissue suspension on growth of homo- & heterografts (Rus) 20198

crown-gall tumor induction in plants, role of nucleic acids 39256

cultivation & immunobiol. of BS rat tumors (Ger) 11360

culture of HeLa & KB epithelial tumor cells in vitro, new method (Fr) 44621

cytotoxic eff. of normal human serum on various human cells propagated in vitro 23464

cytotoxic isoantibodies in homograft reaction 5439

destruction of inoculation tumor by inflamm. (Ger) 25178

determ. of viral entity of Oberling's myeloma in tissue culture (It) 1880

develop. of fibroma at site of inject. of 5-androstene-3β-ol-17-one in rat (Ger) 34171

distribution of radiobismuth-lecithin camphocarbonate after infiltration into solid Ehrlich carcinoma in mice (It) 42585

eff. of ACTH & cortisone on tumor growth in x-irradiated mice 53740

eff. of adrenochrome on tumor cell metab. (Ger) 55534

eff. of 2-amino-6-mercaptopurine on resist. & sensitive Ehrlich ascites cells, comparison 26478

eff. of amobarbital on ther. eff. & tox. of 5-(β-chloroethyl)amino-4-methyl-uracil in sarcoma-bearing rats (Rus) 33602

eff. of 4-aminopteroyl amino adipic acid with dopane (Rus) 55299

eff. of amputation of tumor-bearing limb on increase of lung metastases in mice 11791

eff. of antireticular cytotoxic serum with xylyl-bis(β-chloroethyl)amine (Rus) 20199

eff. of aseptic inflamm. on site & growth of mouse mammary carcinoma in C3HA strains (Rus) 48022

eff. of benzimidazole deriv. on solid type Ehrlich ascites tumor 16453

eff. of caffeine on M-1 tumor in rats (Rus) 48019

eff. of calcium & magnesium on growth & morphol. of tissue cultures of mouse lymphoblasts 2703

eff. of carcinogenic dosage & duration of exposure on skin tumor induction in mice 50881

eff. of castration on Galliera sarcoma growth & on adrenals in rats (It) 13513

eff. of cancer nucleoprotein extracts on metab. in rats, histopathol. response to liver regen. (Bp) 18818

eff. of cancer nucleoprotein extracts on metab. in rats, transm. of metab. changes to offspring (Bp) 18816

eff. of chemother. in rats (Fr) 51358

eff. of coloration & genetic factors on susceptibility of mice to methylcholanthrene-induced tumors (Ger) 34178

eff. of cortisone & simultaneous carcinogen inj. in rabbits (Ger) 30263

eff. of cortisone on transplanted mammary adenocarcinoma growth & metastasis in mice, review 16306

eff. of cysteamine, vitamin K, flavonoids & adrenal cortex hormones on radiosensitivity of mouse mammary carcinoma

eff. of dehydroascorbic acid in Jensen sarcoma, Walker carcinoma & Ehrlich ascites tumor in rats & mice (Ger) 55526

eff. of diazotized arsenicals conjugated with blood proteins on mouse lymphoma cells in vivo 17250

eff. of diphtheria toxin on metab. of HeLa cells 50529

eff. of embryonic tissue suspension on growth of homografted tumor tissue (Rus) 55325

eff. of endotoxin & x-irradiation in mice bearing transplanted tumors 5423

eff. of Euphorbia amygdaloides extract on Walker rat carcinoma (Ger) 30034

eff. of Euphorbia amygdaloides subfraction of aqueous extract on Walker rat carcinoma (Ger) 30035

eff. of external x-irradiation on primary tumor & its distant metastases 48537

eff. of fluoxymesterone on mouse mammary carcinoma cultured in vitro (It) 55089

eff. of folic acid on mitosis & growth of Yoshida sarcoma in rat 24840

glycogen, ribonucleic acid & desoxyribonucleic acid, quantitative changes in livers of tumor-bearing rats 49670

eff. of glyoxal bis(thiosemicarbazone) & deriv. 38084

eff. of guinea pig serum on ascites form of Murphy-Sturm lymphosarcoma in vivo & in vitro 38086

eff. of heat on Ehrlich carcinoma of mice (Ger) 34157

eff. of heterologous antiserum on ascites tumor cells 26469

eff. of heterologous immune serums on HeLa tumors in rats 5437

eff. of heterologous transpl. on chromosomes of ascites tumors 23980

eff. of high ergotamine doses on develop. of Galliera sarcoma (It) 1978

eff. of high-protein high-nucleic acid diet on incidence of N-2-fluorenylacetamide-induced tumors in rats 31309

eff. of hormones on incidence of hyperplastic nodules & of noduloids in mammary glands of C3H/He Crgi mice 38089

eff. of hormones on develop. in animals (Fr) 23667

eff. of hydrocortisone on growth of transplantable mouse fibrosarcoma 2674

eff. of hydrocortisone on Walker tumor implants eff. on 30274

eff. of hydrogen peroxide on transplanted rat & mouse tumors 29818

eff. of hydrogen peroxide on tumor growth & blood catalase & hemoglobin in tumor-bearing rats 19572

eff. of hydrogen peroxide on tumors in mice & rats 7180

eff. of hydroxymethylglyoxal bis (guanylhydrazone) 38083

eff. of immune serum on Ehrlich carcinoma in tissue culture (Rus) 37185

eff. of intraperitoneal admin. of cigarette tar & smoke on chemically-induced liver carcinogenesis in rat 10244

eff. of intravenous inject. of carbon suspension on radiation-induced necrobiosis in ascites tumors of Wistar rats (Fr) 26812

eff. of irradiation & chemother. agents on cellular differentiation of mouse tumors 14761

eff. of Janus green B on tumor cell nucleus, mechanism of hydrogen-acceptor activity (Ger) 43082

eff. of lyophilized tissues on Walker 256 carcinoma in rat (Ger) 34172

eff. of mechlorethamine-N-oxide (It) 36824

eff. of mechlorethamine-N-oxide on inoculation tumors in mice & rats (Ger) 34162

eff. of nitric oxide on radiosensitivity of ascites tumor cells in mice 19599

eff. of nitrous oxide on radiosensitivity of mouse Ehrlich ascites tumor 19701

eff. of orotic acid on growth of tumors in rats (It) 330

eff. of penicillin, streptomycin & tetracyclines (Rus) 36381

eff. of placental & embryonal tissue extracts (Ger) 11175

eff. of plant extracts on growth of egg-yolk sac cultivated mouse mammary tumor 45377

eff. of pregn. on tumor growth in rat & eff. of tumor on fetus 26456

eff. of pretreatment of shale tars with high frequency currents & ultrasonics on carcinogenic activity in mice (Rus) 33325

eff. of proliferative inflammatory process on growth & pathogen. of 9,10-dimethyl-1,2-benzanthracene-induced cancer (Rus) 43084

eff. of proton radiation on anaplastic squamous carcinoma in rabbit ears 35484

eff. of radiogold & nitrogen mustard alone & together on Ehrlich carcinoma in mice 14742

eff. of radiother. combined with 6-aminonicotinamide & 6-mercaptopurine 2690

eff. of rabbit specific immune serum on Ehrlich mouse ascites carcinoma (Rus) 33597

eff. of Rous virus treatment of sarcoma during embryonic stage in rats 29974

eff. of sex hormones on growth & implantation of free tumor cells in ascites tumors in mice 48564

eff. of skin denervation on Guérin tumor growth in rats (Ger) 36417

eff. of spleen reticulum on growth & develop. of BS rat tumors (Ger) 11354

eff. of styrylquinolines on tumors in rats 2727

eff. of sulfhydryl compounds on changes of metab. of ascites carcinoma cells by 2,3,5-triphenyltetrazolium chloride (Ger) 18340

eff. of surg. stress on resist. to inoculated cancer cells 13319

eff. of 2-thio-5-methylcytosine with aminopterin & ethionine on Ehrlich ascites carcinoma (Ger) 6106

eff. of thyroidectomy in Galliera sarcoma-bearing rats (It) 43467

eff. of thyrotropic hormone & of thyroxin on growth & metastasis of exper. tumor grafts in rats (It) 27367

eff. of total body x-irradiation & bone marrow transpl. on mouse lymphosarcoma (Dut) 43046

eff. of total body x-irradiation & inject. of bone marrow & lymph node cells on mouse lymphosarcoma 41185

eff. of total pituitary extract with & without cytotoxic drugs on Ehrlich's ascites tumor (Ger) 46569

eff. of triiodothyronine on radiosensitivity of rat tumor tissues 52306

eff. of tumor induction on conditioned reflex activity in rats (Rus) 33603

eff. of tumor-necrotizing agents on blood pressure in normal & in tumor-bearing mice 5441

eff. of ultrasonics & urethane on Ehrlich ascites carcinoma in rats (Ger) 11201

eff. of ultrasonics on transpl. Brown-Pearce carcinoma in rabbits (Rus) 48021

eff. of ultraviolet light (Ger) 32672

eff. of various agents on regression of Ehrlich ascites tumor heterotranspl. 30275

eff. of various chemother. agents on prev. of recur. (Ger) 30277

eff. of various cytotoxic agents (Ger) 30272

eff. of various tissue factors on growth (Cs) 48625

eff. of virus infect. & cortisone on growth of fructose sarcoma in homologous & heterologous hosts 52302

eff. of WvWv substitution on ovarian tumorigenesis in mice 5426

eff. of x-irradiation combined with chemother. agents 2707

2724

eff. of xanthopterin on metab. (Pol) 30688

eff. of x-ray conditioning of heterografts (Fr) 17656

eff. of x-rays in adrenalectomized animals (Rus) 33575

eff. of x-rays on alanine incorporation into proteins in tumor cells (Ger) 10012

eff. of x-rays on anaerobic carbohydrate metab. in ascites tumor cells (Ger) 34234

eff. of x-rays on Ehrlich ascites tumors, cytochem. 2604

eff. of zymosan on growth of Jensen sarcoma & Walker carcinoma (Ger) 55527

eff. of zymosan on growth of transplanted cancer (Fr) 48890

Ehrlich ascites carcinoma, intraperitoneal virulence & autogenous resist. in mice (Ger) 22945

electron microscopy of Ehrlich ascites tumor cells & comparison with Yoshida sarcoma & with human ascites cells 26466

enhancement of growth of isolated Walker carcinosarcoma 256 by purine 39296

ergotamine-induced necrosis in Galliera sarcoma, eff. of hemostatics (It) 1979

erythrocyte-borne antigen causing resist. to implantation of tumor graft 47569

filtrable angio-endothelio-fibrosarcoma in chickens (Fr) 2315

fluorescence of tumor tissue under ultraviolet light in tetracycline prepared mice 843

fluorescent mast cell reaction in precancerous skin of lizard 19681

form. in Nicotiana plant hybrids, classif. of parent plants 49804

form. in scars of exper. skin burns in total-body irradiated rats 46503

fowl sarcoma in rats, eff. on adrenal gland, histol. study (It) 36819

Fujinami myxosarcoma in chickens, electron microscopy of structure (Fr) 2322

gall prod. by Agrobacterium tumefaciens in castor-oil plant, inhib. by garlic extracts (It) 44801

growth & regression of Ehrlich mouse ascites tumor heterotransplants 2669

growth conditions for Ehrlich mouse ascites carcinoma cells in vitro (Ger) 23618

growth rate of mouse ascites tumor cells in diffusion chambers & rate of entry of antibody 17775

hered. tumor in Drosophila melanogaster, histol. (Fr) 47999

hered. tumors in flies, genetic & physiol. study (Fr) 25923

heterologous transpl. immun. in rabbit after inject. of sarcoma 37 cells from mice 10097

heterotranspl. of human cancer in rats (Fr) 53429

heterotranspl. of human cancer in various organs of rats, methods (Fr) 2315

heterotranspl. of human tumors to cortisone-treated rats & hamsters (Rus) 13863



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

hormonal dependence of adrenal cortical tumors of CE & BALB/c mice in serial intraocular transfer 2673

hormonal factors in glandular cancers & role of pituitary gland, review (Fr) 47997

host-tumor relationships & metastases, review 30018

immunoelectrophoretic characteristics of normal mouse serums as basis for studying pathol. changes in serums of mice carrying transplantable tumors 50882

immunoelectrophoretic studies of serums from mice carrying two transplantable plasma cell leukemias 50883

in vivo localization of iodine-labeled anti-Murphy-Sturm lymphosarcoma antibodies in rat & hamster 11550

increased radiation-susceptibility of tumor cells at elevated temperatures 12689

induced susceptibility & resist. to indigenous transplantable mouse tumor with autolyzed & alcohol-killed tumor tissue 2669

induction by indust. aromatic amines 44066

induction by radiations in fern prothalli 21699

induction by virus-like agents released by tissue cultures 31279

induction in mice by combined estrogen load & acid diet (Fr) 38675

induction in mice by inject. with fraction from Ak leukemic tissues 31415

induction in mice with cigar, pipe & all-tobacco cigarette tar 38080

induction in rats by single doses of local x-irradiation of cervicosternal & abdom. regions (Fr) 26726

induction in rats surviving total body x-irradiation 136

induction in rats by tissue-culture prep. of SE polyoma virus 50887

induction in x-irradiated & cortisone-treated rats by human cell strains 2680

induction with nickel, relation to fixation of histamine (Fr) 48868

induction with ultraviolet rays in mice (Fr) 2316

inductive eff. of rat ascites hepatoma on amphibian competent ectoderm 39451

infect. with Rous sarcoma virus in vitro 49447

infective ribonucleic acid component from tumor cells infected with encephalomyocarditis virus 7225

inhib. by guinea pig serum of growth of Murphy-Sturm lymphosarcoma 2680

inhib. by sulfhydryl-blocking principle in garlic extracts 38085

inhib. eff. of dried rabbit thymus cells on Walker tumors in rats (Ger) 34222

inhib. eff. of salmine on Lipschutz ascites tumors (R) 36708

inhib. eff. of Streptomyces culture filtrates on tumor cells, relation to activity on ova of Ascaris 16799

inhib. of glycolysis in Ehrlich ascites tumor homogenates & intact tumor cells by 2-methyl-1,4-naphthoquinone in mouse (Ger) 46163

inhib. of mammary adenocarcinoma 755 by uracil antag. 2676

inhib. of tumor form. in ovarian splenic implants in castrated mice by antigonadotropic serum 48566

interference between uterine epithelioma T8 & mammary tumor G6 in rat (Fr) 2319

Jensen sarcoma, eff. of N,N-bis (2-chloroethyl)-N',O-propylene-phosphorodiamidic acid & inhib. of action by nicotinamide (Ger) 6072

keratoacanthoma successfully induced by methylcholanthrene in chickens 46382

kinetin & sodium glucuronate as mitotic stimulants for Yoshida sarcoma cells 27408

lipid peroxide form. & phospholipid changes in tumor tissues 49661

local reaction to non-metastasizing & metastasizing transplantable tumors 52328

lymph node structure & metallophilia in tumor-bearing mice 34951

maintenance & adaptability of mouse ascites tumor in x-irradiated rats 25999

maintenance of milk factor in cultures of mouse mammary epithelium 38082

malignant mesotheliomas induced by ribonucleic acid from human leukemic lymph node in newborn mice (Fr) 15066

mammary adenocarcinoma, x-irradiation time-dose relationships, eff. of fractionation 31636

DL-methionine labeled with radiosulfur uptake by Ehrlich ascites tumor 55532

methylcholanthrene- & estrogen-induced bone tumors in rat, histopathol. (R) 9317

methylcholanthrene induced epidermal tumors, eff. of cortisone in mice (Ger) 49859

mouse mammary carcinoma, blood supply (Rus) 33579

mouse mammary carcinoma, eff. on life-span of erythrocytes, relation to pathogen. of anemia 35380

mouse mammary carcinoma virus, carcinogenic activity after 6-year preserv. in dry state (Rus) 1760

mouse mammary fibroadenoma after prolonged admin. of carbon tetrachloride (Rus) 37189

nigrosin as dye for differentiating live & dead ascites cells 3495

oncolytic eff. of virus on metastatic human epidermoid carcinoma in chicks 26458

oncolytic eff. of viruses of metastatic human epidermoid cancer in chicks 26458

organ weight of mice bearing Ehrlich ascites carcinoma & spontaneous mammary carcinoma 3480

ovarian neoplasms in x-irradiated rats (Rus) 55322

possible role of properdin system in transplantable Gardner lymphosarcoma 6C3HED 703

preservation of canine thyroid carcinoma in frozen state 41187

prev. treatment of Murphy Sturm rat lymphosarcoma with nitrogen mustard 54663

problems in exper. tumorigenesis in various endocrine glands 48562

properdin titer in rats bearing human transplantable carcinoma 26471

quantitative colonial growth of single mammalian cells 13261

radiochromium labeling of Ehrlich mouse ascites tumor cells, distribution & valence state of label 31350

rapid induction of mammary carcinoma in rat & eff. of hormones 40811

reactions between tumor tissue & various bact. toxins in mice (Fr) 54128

receptivity of brain tissue to Gulliera rat sarcoma homografts (R) 54482

relation between cholesterol steroids, vitamin E & cancer 46761

relation of glycolysis (Ger) 6104

relation of Rous sarcoma virus to host cell 26448

reversibility of hydrocortisone-effected regression of induced skin carcinomas in mice 2678

Rous sarcoma virus, inhib. eff. of various fatty acids 49807

sarcoma in mice, reproductive capacity of tumor cells (Sp) 43930

simultaneous implantation of carcinoma & sarcoma cells (Ger) 25177

spontaneous adenoma & adenocarcinoma in colon of Syrian hamsters 11792

susceptibility of agent-free inbred mice & their in F 1 hybrids to estrogen-induced mammary tumors 17783

tobacco carcinogenesis, role of pyrolysis 38063

transm. of Yoshida sarcoma by feeding of tumor tissue to rats, comparison with oral admin. of tumor homogenates to mouse & rat sucklings (Ger) 34177

transpl. in mice, attempted demonstration of differences caused by sex-linked histocompatibility genes 22310

transpl. into mice, inhib. by bact. endotoxins & extracts (Fr) 48034

transpl. of B8 tumors into anterior chamber of rat eye (Ger) 11352

transpl. to mammalian embryos (Rus) 55326

transplantable alveolar mucous liver carcinoma (Rus) 55335

transplantable B8 rat tumor (Ger) 11353

transplantable metastasizing mammary epithelioma in rats (Fr) 3330

tryptophan in tumor-bearing animals 49668

tumor cell canavanine, incorporation into protein in Walker carcinosarcoma 256 cells in vitro 48581

tumor cell rate of glycolysis & competitive utilization of fructose, mannose & glucose in ascites tumor 48578

tumor cell surface reactions with polyelectrolytes, comparison with normal cells 26005

tumor-host interrelations in graftable sarcoma J (Fr) 26205

viral distribution in cell suspensions of chick Rous sarcoma (Ger) 23629

viral strain RPL12 causing avian visceral lymphomatosis & related neoplasms, host-virus interrelations affecting response 50885

viral strain RPL12 causing avian visceral lymphomatosis & related neoplasms, nature of lesions 50884

virus-like particles in tumor tissue of leukemic mice (Fr) 38700

x-ray photography of human cell tumors in x-ray & cortisone-treated rats 20777

Yoshida sarcoma, induction of regression by inject. of lipopolysaccharides from E. coli (Ger) 34159

***extracts***

eff. of decoctions of human cancer tissue on anabiotic & anoxygenic energy potentials (Ger) 34176

***heredity***

chromosomes in cancerogenesis in serial tissue culture of mammalian cells 13252

cytogenetics, serol. & transpl. of a heterozygous tumor & its derived variant sublines 28526

eff. of maternal age selection on methylcholanthrene induced tumors in mice 13246

eff. of selection on methylcholanthrene-induced mouse mammary carcinoma 13245

eff. of selection on methylcholanthrene-induced tumors in mice, review 13244

familial factors 13267

genetic & hormonal aspects of testicular & pituitary tumorigenesis in mice 13257

genetic aspect, review 13243

genetic concept in mouse mammary carcinoma 13248

genetic plant tumors in Nicotiana, review 13264

genetics of human cancer 13266

genetics of somatic cell, review 13250

mammalian cytogenetics 13263

mammary cancer-inducing & inhib. inherited hormonal patterns in mice 17770

mammary carcinoma in agent-free mice 13247

mutation hypothesis of exper. carcinogenesis in Cysticercus infestation in rats 13259

transplantable lymphosarcoma in mice, acquired immunity & hered. susceptibility 24109

***immunology***

anaphylactic phenomena in cancer, mechanisms (Fr) 37806

antibody & complement fixation reactions (Ger) 6654

antibody & complement funct. (Ger) 6032

antibody-antigen reaction in Ehrlich adenocarcinoma & Yoshida sarcoma (Rus) 37186

antibody titer in Brown-Pearce carcinoma (Rus) 48020

antigenic properties of corpuscular & soluble fractions isolated from tumors of inbred mice (Rus) 13856

antigenicity of pooled human malignant tissues, determ. of nature of antigen 4260

antigenic structure of liver proteins in exper. carcinogenesis (Rus) 37187

carcinogenesis, liver antigenic changes (Rus) 55321

cross-reaction & adsorp. of sera of guinea pigs immunized with neoplastic mouse tissues 22311

determ. of antigenic properties by anaphylaxis with desensitization in heterologous transpl. in mice (Rus) 48016

eff. of sex of donor & recipient mice on survival of tumor isografts & homografts 11488

Forssman's antigen in Ehrlich mouse carcinoma 19671

genetic studies on tumor immunity in mice 13251

growth of tumor implants in anterior chamber of eye of immune mice & regrowth of regressed tumors 10497

histocompatibility genes in mouse, prod. & analysis of isogenic resistant lines 28524

immunochem. properties of various fractions of cancerous & normal human tissues (Rus) 13860

immunol. enhancement of tumor homografts in mice, review 26447

immunol. responses of cancer patient to his own dis. 13318

immunol. theory of cancer, relation to tumor-enhancing factors 18633

induced immun. to cancer cell homografts in man 47551

intracecal vacc. of Yoshida cells against Yoshida rat ascites sarcoma, eff. of intestinal bact. 23965

isoimmun., review 3460

lipid haptens of human epidermoid carcinoma grown in rats 38063

lipid hapten of rat lymphosarcoma, chromatographic behavior & dependence of in vitro measurement on lipid interactions 38061

localization of radioiodine-labelled antibody to rat fibrin in transplantable rat lymphosarcoma 23348

natural immunity (Fr) 9186

passive anaphylactic reaction (Rus) 33572

plasma cell reaction in host as indic. of immunol. changes during tumor develop., exper. in rats 29977

resist. to cancer, review 40089
40090

tissue-specific primary response of chick embryo to mouse sarcoma 37 48565

***in infant and child***

classif. (Ger) 9974

in Canada, statist. (Fr) 10657

statist. in W. Germany (Ger) 35576

survival with widespread metastasis 46544

x-ray ther., statist. 17270

***manifestations***

peripheral skin, vasc. articular, neural & musc. manifest. of visceral cancer 19681

thrombophlebitis in visceral cancer (Por) 51635

***metabolism***

absence of phosphorylase activity in ascites tumor cells 13823

adenine & formate uptake by mouse ascites tumor cells in vivo 37088

alkaline phosphatase in cancer cells cultured in vitro, relation to cells surfaces (Ger) 3504

amino acid defic. in cancer patients, significance (Fr) 43966

amino acid exchange diffusion & transport in relation to intracellular level of amino acids in Ehrlich ascites tumor cells 40509

D-amino acid synthesis in cancerous tissues in vitro (Fr) 37805

amino acid uptake by Ehrlich ascites tumor cells in vitro, eff. of potassium levels 40507

aminopeptidase activity in human cancer cells 52452

anaerobic energy & synthetic processes (Rus) 55319

anaerobic energy-liberating processes in tumor tissues, induction of similar processes by unsaturated fatty acids & phospholipids in non-tumor tissues (Ger) 55536

antag. between thymine & folic acid during tumor-inhib. by 2-thio-5-methylcytosine (It) 33377

ATP breakdown to inosine & its eff. on glycolysis in regressing tumor homogenates 1341

azaserine, comparative mode & extent of uptake by 5 strains of ascites tumor 28529

biochem. & mechanism of action of chemother. agents, review 1254

biochem. defects in conversion of tryptophan to nicotinic acid in exper. neoplasms (It) 31675

blood & urine leucine aminopeptidase activities 7414

calcium exchanges of Ehrlich ascites tumor cells of mice in vitro 19534

carcinoid metab. changes in rats with hemineurocytoma, hered. factors (Sp) 18817

coenzyme I in Yoshida ascites sarcoma, eff. of x-rays (Ger) 9986

cystine desulfhydrase activity in mouse tumor tissue 16919

desoxycytidine diphosphate choline & ethanolamine in Novikoff hepatoma in rats, microbiol. assay with Lactobacillus acidophilus 16922

desoxyribonucleic acid synthesis in HeLa cell cultures in relation to mitosis & turnover time, radioautographic study 51310

6-diazo-5-oxo-norleucine, concentrative uptake by sarcoma 180 44089

eff. of adenosinetriphosphate on in vitro phosphorus metab. in Guerin epithelioma mitochondria (Fr) 15083

eff. of amethopterin on purine biosynthesis of susceptible & resistant TA3 ascites cells 38091

eff. of 2,5-bis-aziridinyl-3,6-dipropoxyquinone (Ger) 46125

eff. of 2-desoxy-D-glucose admin. to cancer patients 5433

eff. of fatty acids on metab. of Ehrlich ascites carcinoma cells 26452

eff. of steroids & metab. inhibitors on protein & nucleic acid incorporation of glycine in malignant lymphocytes 28260

eff. of 2,3,5-triphenyltetrazolium chloride reduction products on metab. of mouse ascites carcinoma cells (Ger) 27507

fructolysis & glucolysis, screening of chem. cpds. for inhib. action 2716

glucose-6-phosphate dehydrogenase & phosphohexonic dehydrogenase activities in exper. tumor tissues (It) 37511

glycogen in epithelial tumors 41008

glycolysis in Yoshida ascites tumor cells, inhib. by x-rays in rats (Ger) 46176

glycolysis, screening of chem. cpds. for inhib. action 2719

hexokinase form. in ascites carcinoma (Rus) 1737

hexose monophosphate shunt in glucose catabolism in ascites tumor cells 26463

hexose phosphate metab. in ascites tumor cells in vitro, eff. of inorganic phosphates 21714

hexosephosphate oxidative pathways in neoplastic tissues in vitro 26006

histone & nucleoprotein labeling with radiocarbon-labeled lysine in tissues of tumor-bearing rats 2695

hormone-producing tumors 10983

iron-containing proteins in various tissues of Walker carcinosarcoma 256 rats, eff. of iron & cobalt inject. 28525

iron distribution after inject. of radioiron-labelled erythrocytes into anemic tumor-bearing rats 17774

lactic dehydrogenase prod. in tissue culture of malignant human cell lines 30753

lactate prod. in ascites tumor cells in vitro, eff. of temperature on stimulation by 4,6-dinitro-o-cresol 31420

liver nucleic acid in DAB-induced cancer in rats (Ger) 34168

liver nucleic acid metab. in ascites hepatoma (Fr) 15148

metab. characterization of individual tumors, rapid method 20781

metab. disord. in pathogen. of cancers (Fr) 25922

musc. proteins, electrophoresis (Ger) 7084

nitrogen metab. studies with labeled aspartic acid 14753

nitrogen, review (Pol) 53208

nucleic acid depolymerization (Rus) 37145

nucleic acids & radiophosphorus intake by splenic tumor tissue, eff. of sarcolysis (Rus) 55397

nucleoproteins, review 38078

nucleoside triphosphates as precursors of ribonucleic acid end groups in Ehrlich ascites tumor cells 16923

oxidation of formate & of methyl group of methionine in liver homogenates from tumor-bearing mice 26472

oxidation systems, review (Fr) 7766

oxygen consumption & aerobic & anaerobic glycolysis in EC cancer cells in in vitro culture (It) 33376

oxygen consumption of mouse ascites cells, eff. of placenta extracts (Ger) 36960

pathways of glycolysis & resp. in Ehrlich ascites tumor cells, interrelationship & Crabtree eff. 37103

N1-phenylacetylglutamine, specific rotation of cpds. isolated from cancer patients & normal subjects 3452

phosphorus incorporation into mitochondrial ribonucleic acid in rat tumor in vitro, eff. of ATP (Fr) 37835

proline conversion to hydroxyproline in synthesis of collagen in guinea pigs bearing carrageenan granuloma, eff. of vitamin C 40551

protein synthesis in HeLa cells, comparison with rabbit macrophages 37564

protein synthesis in Yoshida ascites tumor cells, eff. of x-rays (Ger) 9985

protein utilization by human tumor cells cultivated in vitro (It) 37527

purine incorporation of formate in Ehrlich ascites tumor cells, eff. of glucose & various nucleosides 28267

purine synthesis in Ehrlich ascites cells in vitro, eff. of glucose & nucleosides 34844

pyridine nucleotide biosynthesis in solid Ehrlich carcinoma (It) 1984

quantitative cytochem. methods for analysis of chem. changes 24142

radioiodine uptake by thyroid in non-thyroid cancer (Sp) 21778

release of enzymes from ascites tumor cells into extracellular medium in study of metab. of phosphorylated & non-phosphorylated sugars 37122

ribonucleoprotein behavior in Walker carcinoma cells after single local x-irradiation, photometry (Ger) 9990

serotonin & histamine synthesis in neoplastic mast cells in tissue culture 48567

sulfomucopolysaccharides in connective tissue of exper. skin tumors in mice & Rous sarcoma in fowl, radioautographic studies 51308

storage of uranium nitrate in Ehrlich tumors (Ger) 15854

succinate metab. patterns in tissues of tumor-bearing rats in vivo 26473

sulfhydryl cpds. in rat liver, intracellular level changes 7133

thymine synthesis in tumor tissue, pathways 16921

tumor cell methionine distribution in Ehrlich ascites cells, radiosulfur autoradiography 27415

tumor tissue 2-amino-6-mercaptopurine 26459

tumor tissue carbamyl phosphate-aspartate transcarbamylase 48577

tumor tissue desoxyribonuclease & ribonuclease 19586

tumor tissue desoxyribonucleic acid composition, analysis (Rus) 10934

tumor tissue, liver & spleen desoxyribonucleic acid & desoxyribonuclease, eff. of total-body x-irradiation in rat 39453

tumor tissue nucleoproteins, metabolic-stimulating eff. in normal animals (Sp) 8589

tumor tissue phosphorus in exper. rye tumors, radiophosphorus determ. 26449

tumor tissue purine synthesis 48573

tumor tissue pyruvaldehyde form. during glucose catabolism 48576

tumor tissue utilization of host purines 48570

vitamin B2 in liver during carcinogenesis, eff. of quinacrine in rats 23065

vitamin B12 distribution in hepatoma-bearing & normal rats, isotopic & microbiol. determ. 2682

zinc distribution in various organs, isotope tracer studies 33074

***pathology***

acridine orange accumulation in vital exudate cells from suspected cancer patients (Ger) 49133

acridine orange vital staining of mouse ascites carcinoma (Ger) 55627

atypical nucleoli in cancer, cytol. & mechanisms, review 13235

average & total cell volume during growth of ascites tumors 28529

binding by bacteriophage of tumor cells in vitro (Pol) 30903

brain in various internal tumors (Rus) 34751

Brown-Pearce rabbit carcinoma metastases to skeletal musc. (Ger) 34169

changes of argyrophile basic substances (Ger) 22972

chromosome cytol. in mouse sarcoma-producing cell strains & their deriv. 17781

coagulative properties of cancer tissue 16396

cytopathogenicity in tissue cultures by tumor virus from mice 30773

eff. of vaccinia virus on HeLa cells (Pol) 30190

frequency of tumor cells in bone marrow of cancer patients, comparison with tumor cells in blood 38066

histochem. differentiation of neoplastic lesions with large vacuolated intraepidermal cells 46494

histol. response of transmissible venereal tumor of dog to x-irradiation 49669

importance in diag. & etiol. (Ger) 42324

intraperitoneal pathol. of Ehrlich ascites carcinoma, eff. of endogenous defense (Ger) 22954

M. tuberc. infect. of HeLa cells, virulence variations (Ger) 55501

mast cell count in diverse benign & malignant tumors & comparison with normal tissues in which the tumors were formed 38057

measurement of tissue pressure in surg. sections (Ger) 11351

mechanism of form. of metastases following intravenous inject. of ascites tumor cells in mice (Ger) 23609

metastasis form. in Yoshida ascitessarcoma & Walker ascites carcinosarcoma in rats (Ger) 34179

metastases from injected carcinoma particles in rabbits, relation to particle size 2692

metastasis to major long bones causing pathol. fract., management 40627

morphogenesis of melanotic tumors in wild stocks of Drosophila melanogaster, genetic control 49326

morphol. (Ger) 22874

morphol. of induced sarcomas in relation to typol. characteristics & funct. cond. of NS in rats (Rus) 33604

morphol. progression of reticulum cell sarcoma of mouse in vivo & in vitro 17782

osteoid & cartilaginous metaplasia in transplants of rat liver tumors 5648

proposed plan for study of tumor tissue derived from cancer patients subjected to chemother. 38829

radioautography of in vitro activated tissue sections in histochem. studies 51297

relation of pathol. histomorphogenesis to induction (It) 42584

relation to arteriosclerosis (Ger) 55528

relation to arteriosclerosis, statist. findings (Ger) 55529

spontaneous cure & growth inhib. of malignant tumors (Ger) 11375

spontaneous regression, mechanism 2944

spontaneous regression, review 3168

submicroscopic structure of cell nuclei of Erlich ascites tumors in mice (Ger) 23061

theory & classif. of neoplastic proliferation of cells (It) 21000

tumors of Swiss game animals (Fr) 9161

***physiology***

anaerobic energy-eff. in cancer cells, induction by oxygen-free decoction of tumors (Ger) 39262

eff. of dietary pantothenic acid defic. on immune mechanisms & tumor growth in cancer patients 14743

endocrine funct. of human embryonal testicular carcinoma transplanted into hamsters 46502

hormonal dependence (Ger) 41764

hormone-dependent cancer 22284

***prevention and control***

(It) 54203

Amer. Cancer Society, develop., organiz. & fund-raising methods 46751

Amer. Cancer Society program 46755

cancer detection center in rural hosp. 24207

cancer detection program for senior indust. employees 11596

cancer detection programs in indust., relation of cancer yield to screening procedures, statist. 11591

cancer propaganda, types 24197

cancer registries 48412

detection, criticism analysis of early diag. concept (Fr) 46730

detection exam., results, hosp. statist. 46729

detection possibilities (Fr) 46731

detection trends 46728

in Argentina, organiz. (Sp) 46733

in Austria, organiz. (Ger) 46736

in Canada, organiz. & operation of cancer welfare program 14736

in Canada, provincial centers 46744

in Chile, program of soc. campaign 46746

in Czech., organiz. (Cz) 14896

in Ecuador 46750

in France (Fr) 46737

in Gt. Brit., organiz. 46756

in Gt. Brit., voluntary cancer appeals 46743

in Honduras (Sp) 8921

in New York City, cancer clinics 24203

in New York City, Health Department program 30182

in Nova Scotia 14727

in Peru (Sp) 46749

in Russia (Ger) 42909

51261

in Russia (Rus) 33595

in underdeveloped countries, problems (Sp) 46752

in U. S., cancer program of Federal Government 46770

in U. S., National Cancer Institute (Fr) 32970

in USSR, activities of methodol. & organiz. departments of oncol. institutes (Cz) 14894

in USSR, organiz. (Fr) 46741

in Venezuela, cancer detection clinic (Sp) 24202

in Yugosl. (Ser) 51676

periodic exam. programs in indust. 11580

prev. & detection clinic in Radium Institute of Havana, Cuba 46760

pub. control in E. Germany (Ger) 6107

pub. educ. 24193 24194 24195 24196



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

stain cancer coordinating committee, funct. 46740

surgeon's role in cancer control 46738

tumor department in general hosp. in Venezuela, value (Sp) 46754

***psychology***

problems 47299

psychother. 12633

telling the patient & his associates about his cancer, pros & cons (Fr) 46747

***statistics***

(Ger) 49037

in Australia, mortal. 18745

in Austria, occup. incidence (Ger) 45941

in Czech. (Cz) 14895

in Finland 36015

in Florence, mortal. statist. & epidemiol. 1119

in France & Switz., mortal. (Ger) 30261

in Italy, mortal. of cancer of breast, skin & genital, resp. & digestive tracts (It) 36222

in Japan, mortal. trends 33888

in tropics (Fr) 6414

in Turkey (Fr) 46734

in U. S., morbid. & mortal. of various types 49659

in Vienna, mortal. statist. (Ger) 41775

in Vietnam (Fr) 14453

in W. Germany, comparison with France & Switz. (Ger) 38969

in Washington, mortal. 7498

incidence among Fr. Canadians 25989

incidence, distribution & ther. of cancer in region of Valencia (Sp) 42211

influence of changes in general mortal. rates & of age on survival of patients 38076

mortal., age-adjusted death rates in various countries 24179

mortal., geographical & geol. distribution, hypotheses 24178

mortal., relation of vegetable fat nutrition to decrease (Ger) 6109

mortal., relation to dietary fats (Ger) 51283

pub. opinion on cancer, changes after 5 years of cancer educ. 10416

rate of incidence of malignant tumors 7951

relation to birth month & blood group (Ger) 32643

survival determ. by life table method 28290

trends 41445

***surgery***

adjuvant chemother. & methods of preventing spread of cancer 54770

anesth. (Bul) 28727

conservative surg., indic. 23090

extensive radical, indic. 42813

in aged, prep. & postop. med. evaluation 17537

in incurable cancer, management 54724

in Swedish cancer clinics (Sw) 45340

indic. 18709

induced regression of cancer by controlled limitation of blood supply, indic. & technics 24674

pioneers in Rhode Island 9269

possibilities & limitations (Ger) 42268

postop. follow-up care (Ger) 42267

postop. recur. & metastases, prev. by cytotoxic drugs (Ger) 41711

progr. (It) 6902

progr. (Por) 13599

progr. & problems (Sp) 38526

review 48409

***therapy***

***see also*** CYTOTOXIC DRUGS (Ger) 22182

actinomycin D, chemother. eff. & compl. in advanced cancer 38069

aid & care of incurable cancer patients in Italy (Fr) 46755

antiserum, palliative eff. in advanced cases 2274

artif. radionuclides (It) 29680

n,n-bis(2-chloroethyl)-N',O-propylene-phosphorodiamidic acid (Ger) 32835

chemother. 30914, 41012

chemother., analysis of cpds. & review (Fr) 26198

chemother. & hormones (Sp) 39110

chemother., national program of research in U. S. 48553

chemother., progr. (Sp) 32432

chemother., review (Pol) 30722

chemother. screening, tissue culture in 2687

chemother. stomes, negative data on mouse tumors 2714

chemother. studies, screening of miscellaneous agents 2715

chemother. stomes, screening of new cpds. against ascites tumors 2711

chemother. studies, screening of new cpds. against cancer tissue cultures 2717

chemother. studies, screening of new cpds. on ascites tumors 2721

chemother. studies, screening of new cpds. on mouse & rat tumors 2722

chemother. studies, screening of new cpds. on mouse tumors 2708 2710 2713 2725 2728

chemother. studies with quaternary salts, screening on mouse tumors 2712

chemother., use of body surface area as criterion of drug dosage 2683

colloidal radioactive substances, intravenous & intracavitary admin., results 51615

colloidal radiogold, eff. on blood picture & hemopoiesis (Ger) 32675

contact x-ray ther. of cancers of various sites (Fr) 41375

cortisone, review (It) 42619

county welfare serv. for cancer patients in Canada 14638

desacetyl-N-methylcolchicine (Ser) 41928

dietetic management at Centre d'Ecquevilly, France (Fr) 22151

direct observation of lesion size & number as method of following growth of tumor in testing results of chemother. 48549

drug. & surg. ther. (Ger) 49011

ergotamine tartrate with chloroarsenol for pain (It) 3865

Filatov's biogenic stimulators, comparison with cytotoxic agents (Ger) 4033

home care of cancer patient 19921

hormones (Dan) 41955

hormones, prether. determ. of sex of tumor cells 4531

hormones with antiblastic drugs (Sp) 32434

hosp. & home care in Israel (Heb) 3974

hydrocortisone in ganglion 11884

isotopes, adjuvant in surg., review 54772

isotopes, appar., methods, prev. of compl. & dos. (Sp) 39120

isotopes, indic. & admin. (Sp) 44425

management of advanced cancer 46745

management of advanced cancer (Fr) 46748, 46748

mechlorethamine-N-oxide in palliative ther. of solid tumors 34965

19-nortestosterone propionate in pulm. & peritoneal tumors & Hodgkin's dis. (It) 31665

nursing care 2508, 14732

nursing care, educ. of nurse 14730

nursing care, role of pub. health nurse in home care 14735

orthovoltage radiother., evaluation 37950

palliation (It) 30268

palliation by horse serum admin. 2599

palliative ther. (Ger) 22184

palliative ther., terminol. & degrees of palliation 12692

phenylbutazone, analgesic eff. (Sw) 10194

prev. of recur. by reinforcement of natural antineoplastic defense (Fr) 30262

problems 6411

radiocobalt (Bul) 16425

radiocobalt, advantages & indic. (Sp) 15525

radiocobalt rotation ther., appar. & technic (It) 13118

radiocobalt 60 bomb, advantages & indic. (Sp) 27210

radiocobalt 60 rotation ther. of tumors, dose determ. by integrated transit measurements 35451

radiocobalt-60 telether., clin. advantages 35849

radiocobalt-60 telether., phys. advantages 35848

radiocobalt telether. (It) 13125

radiocobalt telether. (Sp) 18847

radio-cobalt telether., early & remote results (Fr) 13131

radiocobalt telether., eff. on blood proteins (It) 31663

radio-cobalt telether., eff. on hemoglobin, erythrocyte count & leukocyte count of peripheral blood (It) 13130

radiocobalt telether., indic. & technic (It) 13122

radiocobalt telether., technic (It) 13117

radiopalladium, interstitial implantation during surg. 13316

radiother. 10249, 14072, 32368

radiother. (Por) 13600, 26404

radiother., alone & with surg., review (Fr) 33429

radiother. & surg. combined (Fr) 15203

radiother., conventional & supervoltage 41153

radiother., convergent beam ther. (Fin) 27284

radiother., eff. of bone marrow & peripheral blood (Rus) 10837

radiother., grid irradiation (Hun) 29167

radiother., 45 million volt linear accelerator as source of electrons (Ger) 9997

radiother., indirect eff. 38079

radiother., intraoperative (Ger) 19344

radiother. of incurable cases, value 29771

radiother. of various organs, prev. of skin lesions by Aloe (Rus) 10794

radiother., potentiation by hematoporphyrin 38059

radiother., proximity ther., technics & value 29774

radiother., secondary mucous & skin lesions (Ger) 32651

radiother., urinary excretion of metabolites as indic. of cell demolition (Dut) 43055

radiother. with med. & surg. ther., clin. pathol. conf. 26406

rehabil. center for convalescents in E. Germany (Ger) 15315

review 20571

review (Dut) 52525

Ringer's solution inject. in previously irradiated tumors in man & mice (Ger) 9980

screening of potential anti-tumor agents on Clostridium anaerobes & on yeast mutants 26475

statist. analysis of effectiveness of ther., method (Rus) 33618

superiority of treatment to euthanasia, responsibility of physician (Por) 35964

supervoltage x-ray ther. & cobalt bomb, common & contrasting properties 21860

supplementary general ther. (Ger) 51871

Trypanosoma cruzi extract, mechanism of action clin. & exper. results (Fr) 45035

x-irradiation, prev. of inj. eff. by bone marrow transpl. (Dut) 43054

x-ray orthovoltage rotation ther., indic. & methods 31629

yttrium 90 insertion in sella turcica to destroy pituitary, eff. on adrenal cortex & thyroid funct., urinary gonadotropins, serum phosphorus (It) 42546

***urine in***

desoxyribonuclease, acid, eff. of x-irradiation in rats bearing Walker tumor 256 (It) 13514

17-ketosteroids, eff. of cortisone & hydrocortisone 48552

KIK-inactive toxohormones 22261

**NEOSTIGMINE**

***effects***

antag. eff. on response to d-tubocurarine, in rats (It) 27620

inhib. eff. on hexamethylenebis-carbamoylcholine iodide in anesth. (Ger) 12099

on blood sugar in diabetic & non-diabetic patients (Ger) 39051

on end-plate uptake of radiocarbon-labeled curarine in phrenicotomised mice, radioautographic determ. (Ger) 39917

on motility of ileal segment used in form. of artif. bladder 48484

on neuromusc. block in cat 23987

on red-green color vision sensitivity (Ger) 43573

on tubocurarine-induced musc. paralysis, failure to restore musc. tonus (Pol) 38758

potentiation of eff. of various choline cpds. on isolated guinea pig ileum strips 36600

***related compounds***

decamethylene-bis-ω, ω'-(m-dimethylaminophenyl)-N-methylcarbamate methobromide causing almost lethal vagus shock during glaucoma ther. (Ger) 28885

decamethylene-bis-a, ω-(m-dimethylaminophenyl N-methylcarbamate methobromide), ther. of glaucoma (Fr) 14517

hexamethylene-bis(N-mesnylcarbamoxy-m-methylpyridine)dibromide cholinesterase inhib. in liver dis. (Ger) 22819

***therapeutic use***

bladder sphincter incontinence following prostatectomy, with diphenhydramine, case report 42151

funct. disord. of colon, mucosal penetration under continuous electrical current, ionophoresis technic (Fr) 39497

hepatitis, infect., with vitamin C (Ser) 21959

orthostatic cardiovasc. disord., with phenobarbital (Ger) 54322

***toxicity***

eff. of atropine in white mice (Rus) 49431

***NEOSYNEPHRINE*** ***see*** **SYMPATHOMIMETICS**

**NEPHRECTOMY**

nephro-ureterectomy, new technic 33089

of ectopic pelvic kidney during cesarean section (It) 9408

partial, principles, indic. & results 9477

partial, simplified technic 41835

postop. nursing care 619

preserv. of renal funct. during partial nephrectomy by using rubber band toruniquet for hemostasis 4465

subcapsular, comparison with classic method 4626

transperitoneal abdom. technic in cancer (Fr) 41466

transthoracic & transperitoneal approaches (Fr) 46767

transthoracic approach (Fr) 46766

transthoracic or transperitoneal approaches, anesth. & special care (Fr) 46768

unilateral, postop. renal funct. compensation (It) 33098

***case reports***

with concomitant prostatolithectomy (Sp) 9733

***complications***

calculosis of ureteral stump (It) 29746

postop. uncontrollable hemorrh. caused by massive fibrinolysis, case report (Fr) 41476

*effects*

eff. of partial renal corticectomy on exper. renal hypertension in rabbits 23949

eff. of unilateral nephrectomy on induction of hypertension by desoxycorticosterone in rats 3419

exper. hypertension, potentiation by dietary proteins in dogs 48720

on erythropoietin prod. response of rats to hypoxic anoxia 5257

on potassium & sodium metab. response to adrenal cortex hormones in rat, extrarenal action 47124

*experimental*

adrenal regen. hypertension after unilateral nephrectomy with contralateral adrenal enucleation in weanling rats, pathogen. 15595

blood lipoprotein & cholesterol changes in nephrectomized dogs on artif. kidney 12510

eff. of blood pH on cellular-extracellular exchanges of phenobarbital in nephrectomized dogs (Fr) 38729

eff. of serum from unilaterally nephrectomized rats on mitosis in cultures of rat kidney medulla 31399

partial, postop. body fluid balance & electrolyte metab., eff. of sodium & potassium admin., in rats (Fr) 26719

*in various diseases*

cancer of kidneys, transperitoneal abdom. approach (Fr) 28681

ectopic kidney & other renal disord., indic. 17486

hypernephroma causing massive intraperitoneal hemorrh., emergency radical surg. 18141

hypernephroma, spontaneous postop. disappearance of pulm. metastases, case report 12712

hypertension caused by renal tuberc., temporary improvement of hypertension by ablation of excluded tuberc. kidney (Fr) 17852

hypertension, malignant, with unilateral renal hypoplasia in child, case report (Fr) 17663

hypertension with unilateral renal tuberc. (Sp) 13538

hypertension caused by unilateral atrophy of kidney after pyelonephritis (Ger) 45581

nephroblastoma in inf. & child. 52672

nephroblastoma, with 16 year survival in female, case report 55048

partial, in renal lithiasis, indic. (Sp) 42213

renal hypertension, indic. (Ger) 11319

tuberc., renal, hosp. statist. (Sp) 44545

tuberc., renal, indic. & compl. of partial nephrectomy (Ger) 33447

tuberc., renal, partial nephrectomy (Sp) 42202

tuberc., renal, with hematuria, case report (Fr) 28683

**NEPHRITIS**

*see also* GLOMERULONEPHRITIS

*see also* NEPHROSIS

*see also* PYELONEPHRITIS

acute, epidemic, in Japan, bacteriol., serol. & epidemiol. aspects 11103

bibliog. 9970

Bright's dis., changing concept of a century 39716

Bright's dis. discovery, as reported by Bright 39714

Bright's dis., histol. aspects of kidneys as described by Bright 39720

Bright's dis., manifest., albuminuria 39717

chronic, develop. (Fr) 41150

chronic, without hypertension (Rus) 41662

contribution of Richard Bright 35709

*blood in*

circulating anticoagulant causing hemorrh. diathesis, case report (Tur) 22369

*case reports*

atypical acute nephritis (Dan) 10631

hepatonephritis, non-amaril fatal toxic infect. (Fr) 14432

postop. salt losing nephritis (Dan) 10630

salt-losing nephritis in Burnett synd. 52635

with osteomalacia in acut (Fr) 35610

*complications*

ascites, differentiation from ascites caused by liver cirrhosis by radioiodinated human serum albumin clearance 50020

pulm. edema (Rus) 51223

*diagnosis*

aortography in diag. of Bright's dis. 39727

biopsy of kidney in interstitial nephritis (It) 3875

Bright's dis., aortography, pyelography & abdom. x-ray 39727

Bright's dis., renal biopsy findings 39719

funct. tests (Rus) 10234

*differential diagnosis*

papilloma of kidney pelvis & ureter from endemic nephritis in Bulgaria (Ger) 35528

*epidemiology*

in Gt. Brit. 26123, 26124

in Yugosl., chronic nephritis (Fr) 38773

*etiology and pathogenesis*

appendicitis causing perinephritic phlegmon, case report (Fr) 31966

chronic interstitial, caused by acetophenetidin (Fr) 41933

criminal abortion, anuric (Ser) 51723

3,3-diethyl-2,4-dioxo-tetrahydropyridine-antipyrine-caffeine-acetophenetidin prep. (Ger) 30626

focal infect. (Ger) 38953

pathogen. stages (Sp) 53896

potassium defic., due to primary aldosteronism (Dan) 10650

radiother. 35735

review (Sp) 53901

rhinopharyngeal infect., ther. (Fr) 9071

streptoc., outbreak in small Hungarian community (Hun) 52911

tuberc. causing nephritis & nephrosis (Rus) 41663

*experimental*

eff. of acetazolamide & mersalyl on course & histol. kidney changes in rats (Ger) 23593

induced by heteroantibodies, eff. on renal & hepatic perchloro-soluble mucoproteins (It) 39655

serum sickness nephritis in rabbits, electron microscopy of kidneys 28330

x-irradiation-induced, prod. of erythropoietic factor different from erythropoietin in kidneys of mice 26127

*heredity*

chronic, follow-up study 11631

*in infant and child*

acute, hemorrh., eff. of bed rest 39730

acute, ther., prednisolone, case reports (Fr) 25494

eff. of tonsillectomy (Rus) 43561

rheum., case reports (Pol) 7824

salt-losing nephritis in 4-year-old child in Naples (It) 29725

ther., follow-up statist. on hosp. patients (Fin) 27271

*in pregnancy*

Bright's dis., etiol., progn. & case reports 39725

*manifestations*

acute, changing picture (Ger) 22790

*metabolism*

proteins (Rus) 41661

salt depletion (Sw) 22111

*statistics*

in Finnish armed forces (Fin) 54492

*therapy*

diets for chronic nephritis (Fr) 54168

hypertonic & isotonic sodium chloride solutions in azotemic salt-losing nephritis (Ger) 39888

*urine in*

calciuria in nephritis with glomerular involvement, semeiol. value (Fr) 47349

inositol (Fr) 26305

**NEPHRITIS, INTERSTITIAL**

*etiology and pathogenesis*

acetophenetidin misuse (Ger) 39886

*in infant and child*

chronic (Ger) 30042

**NEPHROBLASTOMA**

(It) 52051

*case reports*

arterenol-secreting 48330

fetus, causing dystocia 24519

retroperitoneal (Nor) 10366

*in infant and child*

bilateral, case report (Ger) 25287

differ. diag. from sympathoma (Fr) 31976

surg., nephrectomy 52672

*statistics*

(Sp) 1816

*surgery*

nephrectomy with 16 year survival in female, case report 55048

*therapy*

review 31494

*NEPHROLITHIASIS see* KIDNEYS, *calculi*

*NEPHRON see* KIDNEYS

**NEPHROSCLEROSIS**

*see also* KIMMELSTIEL-WILSON SYNDROME

*differential diagnosis*

glomerulonephritis, clin. & laboratory differentiation 24431

*experimental*

eff. of somatotropin in hypophysectomized rats (Sp) 8697

induction in rats surviving total body x-irradiation 137

*pathology*

eff. of antihypertensive ther. on develop. of renal lesions in malignant nephrosclerosis 12463

**NEPHROSIS**

*see also* NEPHROTIC SYNDROME

concept, hist. (Ger) 29791

morphol.-funct. concept 44025

*blood in*

albumin pool masses, exchange rates & catabolic rates, comparative behavior of radioiodine-labeled & unlabeled albumin 32701

*complications*

hypochloremic nephrosis with pyloric stenosis (Tur) 32998

jejuno-ileitis 31476

*diagnosis*

Bennhold Congo red test (Ger) 18979

*etiology and pathogenesis*

reserpine causing necrotizing nephrosis, autopsy findings (It) 30685

*in infant and child*

antibody response to influenza vaccine, eff. of cortisone 43513

caused by hypoproteinemia (Pol) 20235

clin. manifest. & ther. 43162

compl., pleural effusions, x-ray aspects (It) 24965

kidney biopsy & ther. by adrenal cortex hormones (Sp) 21120

ther., ACTH, eff. on blood lipoproteins (It) 29731

ther., adrenal cortex hormones, testosterone & thiosemicarbazone, case with humoral regression (Sp) 21140

ther., cortisone & prednisone, long-term admin. (Ger) 25281

*metabolism*

albumin 50719

*pathology*

electron microscopic study of nephrosis induced by 6-dimethylamino-purine-3-amino-d-ribose in rats 40817

*physiology*

osmotic nephrosis, physiopathol. (Ger) 27829

tubulo-nephrosis, cholemic, funct. semiol. of kidney, review (It) 7660

*therapy*

cortisone, prolonged intermittent ther. 4494

*urine in*

inositol (Fr) 26305

zinc (Ger) 39050

*NEPHROSIS, LIPOID see* NEPHROTIC SYNDROME

**NEPHROTIC SYNDROME**

50228

(It) 44175

clin. aspects (Sp) 21045

etiol., ther. & case reports (Rum) 6580

pathogen. & progn. (Fr) 31084

prednisone-like eff. of mumps in nephrotic patients (Dut) 18575

*blood in*

lipoprotein lipase activity (It) 14030

partition of unesterified fatty acids & its eff. on electrophoretic pattern 40694

proteins, metab. (Fr) 14330

*case reports*

in congestive heart failure 2903

*complications*

aldosteronism (Fr) 41936

aldosteronism, ther., ACTH & adrenal cortex hormones (Fr) 2300

*diagnosis*

biopsy of kidney (It) 3875

*etiology and pathogenesis*

arthritis, rheum. (Ger) 46193

bilateral thrombosis of renal veins (Hun) 43448

in adults, review 13154

prolonged admin. of mercury ointment 18350

*experimental*

relation to dysproteinemia & hypercholesteremia in exper. protein withdrawal by plasmapheresis (Ger) 55468

*immunology*

autoantibodies 40904

variations in blood complement, serial determ. 4159

*in infant and child*

51538

blood glycoproteins in child., determ. & significance of variations (Fr) 16372

caused by trimethadione ther. 20249

causing bone decalcification, osteoporosis & osteomalacia (Fr) 25491

diethylstilbesterol 1028

ther. (Ger) 3281

ther., ACTH, cortisone & deriv. & TBI, statist. (Cz) 38317

ther., adrenal cortex hormones, eff. on ammonia excretion in urine (Ger) 41760

ther., prednisolone 4217

with metaphyseal decalcification, causes 13084

*in pregnancy*

with hypertension, determ. of 17-ketosteroids in amniotic fluid (It) 24956

*metabolism*

lipids (Fr) 26174

proteins in blood & urine, starch & immuno-electrophoresis, comparison with orthostatic proteinuria (Fr) 53901

*pathology*
- electron microscopy of biopsy material (Dan) 33392
- renal biopsy 31590
- reversible glomerular lesions in adult, electron microscopy 13155

*physiology* 28973

*therapy* 41827
- (Sp) 21046
- ACTH, cortisone & testosterone, follow-up (Fr) 39912
- adrenal cortex hormones & diuretics 54509
- antibiotics, chlorothiazide & adrenal cortex hormones 20545
- chloroquine diphosphate in nephrotic synd. caused by glomerulonephritis (Sp) 21176
- concentrated human albumin 28966
- hormones, evaluation of ther. efficiency by albumin loading test 12330
- prednisone (Fr) 32416
- prednisone with classical ther., case report (Sp) 9699
- pyrexal & pyrogenic lipopolysaccharide from E. coli (Fr) 54868

*urine in*
- proteins, eff. of prednisolone & human albumin (Ger) 19003
- proteinuria, correlation with kidney biopsy 47082

*NERVE BLOCK see* ANESTHESIA, REGIONAL

NERVE ENDINGS

*see also* TASTE BUDS
- modulation of sensory discharge by efferent spindle excitation in toad 5518
- post-synaptic membrane at motor end-plates & localization of cholinesterase activity 15696
- sensory terminal corpuscles of fallopian tubes (Sp) 2947
- structure in female genital tract in rodents & human (Fr) 36051

*anatomy and histology*
- carotid sinus pressure receptor histol. in normal & in hypertensive patients (Ger) 35254
- patterns in skin of human hand 478
- sensory endings in skin of cat 28306
- sensory in anal region in humans 28626
- sensory nerve endings in skin (Ger) 46626
- skin (Ger) 46630
- stretch receptors in trachea of human fetus, inf. & adult (It) 37377

*effect of drugs on*
- chlortetracycline on interoceptive responses to acetylcholine (Cz) 26517
- serotonin on acetylcholine-sensitive nerve endings of peripheral vessels (Ger) 23613

*embryology*
- histogenesis in small intestine (Rus) 33310

*metabolism*
- cholinesterase in end plate after severance of psychomotor nerve (Ger) 32267
- cholinesterase in motor end plates of striated musc. in guinea pig following denervation (It) 27667

*pathology*
- in peptic ulcer (Rus) 47883
- lesions induced by histamine fixation in nickel carcinogenesis (Fr) 48868
- motor end-plate changes in vitamin B1 defic. in pigeons (Fr) 26922

*physiology*
- ampullae of Lorenzini in ray Raja clavata, eff. of combined thermal & electrical stimulation 51099
- caudal abdom. photoreceptor responses in crayfish 679
- electrical activity of chemoreceptors of blowfly in response to chem. & mechanical stimulation 17330
- electrical activity of chemoreceptors of blowfly in response to electrical stimulation 17331
- form., storage & release of acetylcholine at nerve endings 48474
- motor end-plates in mammals, desensitization by acetylcholine 313
- neuromusc. spindles, eff. of stimulation of cerebellar nuclei (Fr) 44735
- peripheral touch receptors in toads, excitability & funct. organiz. 46704
- stretch receptors in left atrium of dog, transient responses 11551
- stretch receptor lobster, site of impulse initiation 5794

NERVE-MUSCLE PREPARATION

*see also* MYONEURAL JUNCTION
- eff. of anaphylaxis in guinea pigs (Rus) 25735
- eff. of inj. of motor nerve in rabbits (Rus) 7805
- eff. of neomycin & its fractions, relaxant eff. on frog nerve-musc. prep. 31463
- eff. of nerve stimulation of musc. working capacity (Rus) 1750
- eff. of temperature of neuromusc. junction of frog 50074
- eff. of tetraethylammonium on activity of prep. previously treated with isoflurophate 24008
- perfused electrode system for anodal block in a whole nerve 28634
- relation between end-plate depolarization & repetitive response to diisopropylfluoro phosphonate in isolated rat phrenic nerve-diaphragm prep. 28615
- tetraethylammonium restoring eff. on curare-blocked nerve-musc. prep. 33989

*effect of drugs on*
- calcium, magnesium & strontium ions on rat prep. 13435
- cortisone (Rus) 3572
- fractionated thymus extracts from patient with myasthenia gravis, lack of inhib. action 44077
- oximes on end-plate potentials 10435
- tubocurarine inhib. in relation to frequency of stimulation (It) 13440
- volatile anesthetics on human prep. in vitro 955

*effect of radiations on*
- x-rays, electrophysiol. analysis of distribution of non-impulse eff. (Rus) 47984

NERVES

*see also* MYONEURAL JUNCTION

*see also* NEUROGLIA

*see also* NEURONS

*see also* SYNAPSES
- generation of nerve impulses in receptor organs 39189
- giant nerve cells & fibers in Arenicola claparedii 42995
- tetanus toxin receptor in nervous tissue, determ. 52352

*anatomy and histology*
- epithelioneural bodies in chick, review 35025
- fine structure of nerve fibers in cockroach, light & electron microscopy 40586
- myelin sheath of peripheral & central nerve fibers, x-ray diffraction & polarized light characteristics 15681
- myelin sheath staining for paraffin sections (Ger) 23104
- myelin sheath structure, lipid components, review 14199
- structural characteristics of myelinated nerve fibers 42994
- ultrastructure exam., use of x-ray diffraction & polarized light methods (It) 29632

*effect of drugs on*
- alcohols & phenols, blockade of conduction in peripheral nerves & relation to their penetration into monomolecular layer of nerve-tissue lipids 47954
- 4-aminostilbene, 3-4-benzophenanthrene & p-dimethylaminostilbene, relation to their fixation of histamine (Fr) 38736
- cocaine & veratrine on toad nerve, influence of high hydrostatic pressure 50577
- cortisone on cicatrization of sutured nerves in rabbits (Ger) 40990
- guanidine hydrochloride, on irritability in isolated medullated nerve fibers (Ger) 30546
- nerve sclerosants, comparative eff. on rabbit sciatic nerve 43370
- stigmasterol, thioctic acid & vitamin B7, chronaxymetric comparison in rats (Fr) 38659

*embryology*
- inductive action of prechordal plate on ectoblast previously influenced by the chorda in salamanders (Fr) 35019

*metabolism*
- eff. of bact. lipopolysaccharides (Ger) 34005
- electrolytes, method for multiple analyses on small tissue samples 50916
- incorporation of carbon-labelled orotic acid & lysine in regenerating single nerve cells 19524
- metab. changes in artif. hibernation & frostbite, review (It) 20961
- mucopolysaccharides in normal & regenerating nerve in animals & humans, histochem. (Rus) 36885
- nucleic acids & phospholipids, eff. of electric stimulation on phosphorus turnover in isolated frog sciatic nerves 5493
- resting oxygen consumption of nerve fibers excised from incubating chicks 12486
- sodium transport system, eff. of electrotonus tension in medullated single fibers (Ger) 30562

*pathology*
- myelin degen., Marchi staining 19803
- wallerian degen., eff. on axoplasm in early stages in rats 16948

*physiology*
- action potential of isolated nerve fiber (Fr) 26982
- action of potential of insect nerve fibers in sodium-defic. media (Fr) 38691
- anode opening excitations of single Ranvier nodes (Ger) 30567
- antidromic reflex of Toennies of nerve fibers, studies in rabbits (Fr) 15118
- appearance of action potential in giant axon in squid & in sciatic nerve in frog (Rus) 25910
- conduction in changes induced by various substances (Rus) 49547
- conduction of impulses in sodium chloride deficient media 16473
- control of hair growth & stiol. relation to hemitrichosis 46631
- delayed eff. of peripheral severance of afferent nerve fibers on efficacy of their central synapses 51114
- eff. of exper. ischemia on neuromusc. appar. of intact rabbits (Rus) 13852
- eff. of external currents on duration & amplitude of normal & prolonged action potentials from single nodes of Ranvier 5110
- eff. of heat on excitability in rats (Rus) 49540
- eff. of lipid-soluble quaternary ammonium ions on conducting membranes 32335
- eff. of stimulation of Lillie's nerve prep. with sinusoidal alternating current & determ of optimum frequency (Fr) 15091
- eff. of sulfhydryl group blockade on funct. of frog nerve 4808
- eff. of temperature on action potential (Rus) 47983
- excitability, concept & mechanism (Fr) 12990
- form. of 3 substances with autonomic action during electrostimulation of visceral nerve in snail, chem. (Fr) 15070
- funct. organiz. of nerve tissue (Ger) 34228
- initial heat prod. of stimulated nerve 44030
- kinetics of potential, electrotonance & chem. change in excitable system of nerve 5111
- membrane potentials in isolated myelinated frog nerves using voltage clamp technic 5790
- Mycobacterium leprae affinity for nerve tissue, histopathol. demonstration in leprosy 27984
- myelinated fiber response to inj. (Rus) 33309
- nerve impulses in squid, review 44983
- neuro-musc. excitability, measurement (Fr) 54017
- neuromusc. excitability in endocrine dis., determ. & diag. value (Fr) 54461
- neuromusc. response in hypothyroidism & myxedema as measure of ther. efficiency (Fr) 37778
- nuclear multiplication & cell migration in degenerating unmyelinated nerves 50295
- photodynamic actions of medullated fibers isolated from frogs (Ger) 11278
- plateau form. in toad myelinated nerve fibers, relation to sulfhydryl groups in plasma membrane 52300
- potassium & sodium movements in single myelinated fibers, eff. on electric potentials 15687
- prolonged action potentials from single nodes of Ranvier 5109
- Ranvier's node, eff. of temperature on action potential (Ger) 30554
- regen., mechanism of re-establishment of neuron & relation to ribonucleic acid content 15690
- slow changes in membrane potential induced by direct current polarization of single nerve fibers, kinetics 47098
- stimulation of tetanic & tonic reflex apparatus, optimum & contraoptimum in spinal frogs (Rus) 13843
- stimulation of tissue proliferation by regenerating nerve fibers in newt 15587
- sudden jumps & fluctuations of subthreshold potentials in medullated nerve fibers (Ger) 46163

NERVES, ABDUCENT
- accessory nucleus of abducent nerve in Discoglossus pictus (It) 37159

*diseases*
- in primary brain tumors 46446

*paralysis*
- caused by dysraphia (Ger) 28923

NERVES, ACCESSORY

*paralysis*
- trapezius substitution operation (Ger) 40992

NERVES, ACOUSTIC

*see also* NERVES, COCHLEAR

*see also* NERVES, VESTIBULAR

*anatomy and histology*
- central auditory pathways in brain stem & inferior colliculi 35327

*diseases*
- neuritis (Rus) 39429
- neuritis, ther., N-bis(2-chloroethyl)-2-chloropropylamine (Rus) 10762

*embryology*
- origin of acoustic ganglion in sheep 40788

*in various diseases*
- parietal lobe cancer, otoneurol. signs of posterior fossa (Sp) 19784

*neoplasms*
- case reports in cattle 12740
- develop. & clin. aspects (Rus) 45727
- neurilemmoma-causing synd. of pontocerebellar angle, diag. value of otoneurol. exam. (It) 13494
- neurilemmoma, exper. growth in tissue culture (Ger) 34600
- neurinoma simulating Foster-Kennedy synd., case report (Fr) 54112
- neuroma 15744
- neuroma, case report 20650

otoneurol. diag. 44041

surg., postop. chronic arachnoiditis & hydrocephalus 44042

surg., radical, with conservation of facial nerve 23796

variations in cerebellopontile angle location 23801

***physiology***

electric responses of auditory neurons to sound stimulation in cat 28556

location of sound by recording of time differences in brain-stem (Ger) 35301

***NERVES, AUTONOMIC** see* **AUTONOMIC NERVOUS SYSTEM**

**NERVES, BRACHIAL PLEXUS**

***anatomy and histology***

variations in bird Progne subis 23558

***diseases***

manifesting as phantom limb (It) 32132

traction lesions, progn. 50387

***neoplasms***

solitary neurinoma of musculocutaneous nerve (It) 44335

***paralysis***

caused by disulfiram ther. of alcoholism (It) 32130

following open wds. of neck (Fr) 35045

subtotal, in fract. of clavicle, pathogen. & ther. (Fr) 51451

traum. partial paralysis of arm, reflexol. ther. (Por) 36905

***wounds and injuries***

closed, ther. (Ger) 9541

perop. compression & elongation, causes & management (Fr) 24754

traction type inj., classif., compl. & ther. 16971

**NERVES, CERVICAL PLEXUS**

***diseases***

cervical synd. caused by compression of cervical spine (Por) 16155

cervical synd., chiropractic ther. (Ger) 8059

cervical synd., diag. & ther. (Ger) 22753

neuralgia, cervico-occipital caused by malform. of atlas, diag. & case report (It) 36208

posterior cervical synd., etiol. & ther. 5238

posterior cervical synd. in cervical arthrosis, otovestibular manifest. (It) 42756

posterior cervical synd., review & case reports (Sp) 20638

posterior cervical synd., ther., prednisone (It) 31761

**NERVES, COCHLEAR**

***metabolism***

cytochem. changes in spiral ganglion cells following acoustic traum. 35321

***physiology***

eff. of faradization of corpora quadrigemina on cochlear nuclei response to sound stimulus (Fr) 15150

response to direct electrical stimulation (Fr) 26845

**NERVES, CRANIAL**

***diseases***

diag. role of stapedius reflex, review (Dan) 33383

herpes zoster 41061

synd. of foramen lacerum posterius & other disord. caused by neoplasms in & near foramen, x-ray diag. (It) 8552

***paralysis***

in herpes zoster (It) 27666

of 3rd, 4th & 6th cranial nerves 35769

**NERVES, FACIAL**

conservation in radical removal of acoustic nerve tumors 23796

***anatomy and histology***

age factor (Rus) 47882

***diseases***

auriculotemporal synd. after parotidectomy, anat. & physiol. theories & surg. 14304

auriculotemporal synd. etiol. based on response of separate sweat glands to various stimuli 35288

neuralgia, craniofacial, etiol. classif. & ther. (Fr) 9081

prolongation caused by giant parotid tumor, case report (Fr) 2324

***embryology***

intracerebral pathway in human fetuses (Rus) 47868

***neoplasms***

intraparotid neurilemmoma (Sp) 25952

schwannoma 34933

***paralysis** see* **FACIAL PARALYSIS**

***physiology***

chorda tympani as taste pathway 35330

geniculate ganglia, eff. of aging (Rus) 10758

***surgery***

resection in parotid gland dis., indic. & technic (Ger) 11258

surg. anat. 41055

**NERVES, FEMORAL**

***diseases***

femoral neuropathy caused by abdominopelvic surg. 18658

***physiology***

cortical areas responsive to stimulation of contralateral & ipsilateral saphenous nerves in cats 38558

***wounds and injuries***

surg., caused by Mann's abdom. retractor in pelvic laparotomy, cause unjustly attributed to spinal anesth. 14572

***NERVES, GANGLIA** see* **GANGLIA**

**NERVES, GLOSSOPHARYNGEAL**

***anatomy and histology***

nerve cells & microscopic ganglia, histol. (Jpn) 41617

***diseases***

neuralgia (Fr) 41146

***physiology***

eff. of anions on activity of gustatory receptors in tongue-glossopharyngeal nerve prep. from frog 16470

species differences in taste qualities mediated through glossopharyngeal nerve 35387

**NERVES, HYPOGLOSSAL**

parapharyngeal glomangioma of hypoglossal & vagus nerves (Fr) 32379

**NERVES, LUMBAR PLEXUS**

neuralgia, vertebral exercise ther. (Fr) 15190

**NERVES, MAXILLARY**

unlisted branches related to lacrimal & salivary systems 47071

**NERVES, MEDIAN**

***blood supply***

vasc. anat. of median nerve in forearm & hand 50296

***diseases***

pronator synd. causing thumb & index-finger dysfunct., case report 19840

***physiology***

eff. of stimulation of motor cortex in cat (Fr) 36605

**NERVES, MUSCULOCUTANEOUS**

solitary neurinoma of musculocutaneous nerve in brachial plexus (It) 44335

**NERVES, OBTURATOR**

neuritis caused by posttraum. calcification of obturator membrane (Ger) 41707

**NERVES, OCULOMOTOR**

***anatomy and histology***

innerv. of inner rectus oculi (It) 36213

oculomotor nucleus in frogs & toads, morphol. (It) 37151

***diseases***

in primary brain tumors 46446

uveoneuritis synd. with multiple sclerosis (Fr) 41911

***physiology***

eff. of exper. lesions on radiophosphorus eye uptake in animals (Rus) 52981

**NERVES, OLFACTORY**

unmedullated nerve fibers with afferent function, correlation with morphol., electron microscopy 15680

***diseases***

neuritis syphilitica 13272

***neoplasms***

meningioma, x-ray diag. (Ger) 55755

***pathology***

olfactory bulb in sarcoma of spinal cord meninges, postmortem histopathol. 46474

***physiology***

centrifugal arousal in olfactory bulb of cats 54416

eff. of stimulation on nasal pH (It) 48110

electrophysiol. response to odorous cpds., relation of phys. & chem. properties of cpds. to olfactory stimulating effectiveness 324

slow electrical response of olfactory end organs in frog 15705

**NERVES, OPHTHALMIC**

herpes zoster, ther., emetine (Ger) 30631

herpes zoster, with chickenpox, case report & etiol. relations 24549

***physiology***

eff. of stimulation & fatigue on pH of nasal fossa (It) 37311

**NERVES, OPTIC**

review 11712

***abnormalities***

coloboma with polycystic kidneys, case report (Ser) 51703

crater-like disc with macular cyst (Ger) 28866

***diseases***

atrophy & neuritis, ther., anterior pituitary extract & thiamine, eff. on visual acuity & field 24108

atrophy in meningeal tuberc., nicotinic acid ther. 40917

caused by lithium antimony-thiomalate ther. of schistosomiasis 14318

compression by sphenoidal mucocele, x-ray diag. & surg. (Fr) 19765

congen. syphilitic retrobulbar neuritis 17421

dominant hered. optic atrophy with bitemporal hemianopia, comparison with Leber's atrophy 99

drüsen of optic papilla, review (Fr) 43349

drüsen of papilla, case reports & review (Fr) 257

etiol. & differ. diag., review 10148

incarceration of intrascanalicular segments in prechiasmatic neuritis, surg. 20124

Kennedy synd., etiol., pathogen. & clin. aspects (Fr) 19769

macular neuroretinitis caused by tuberc. in adolescents, ther. (Fr) 7074

neuritis after cataract extraction 55012

neuritis after chickenpox in 4-year old girl (Ger) 20123

neuritis caused by alcohol & tobacco, ther. with massive doses of vitamin B6 (Fr) 32916

neuritis caused by tolbutamide (Fr) 31997

neuritis in child. (Hun) 45372

neuritis, retrobulbar, caused by brain tumors (Fr) 27027

neuritis, retrobulbar, ther. & surg. (Fr) 44665

neuritis, ther., vitamin B6 (Fr) 32405

neuritis with gastric hypo- or achlorhydria (Fr) 7066

neuro-optic myelitis, clin. & postmortem pathol. (Rus) 46341

papilledema & papillitis, differ. diag. by floaters in aqueous humor 34908

papilledema, atypical forms (Fr) 7069

papilledema, case reports (Fr) 14484

papilledema, differ. diag. from papillitis 55050

papilledema, exper. prod. in monkeys 23436

papilledema, post-traum. (Fr) 7062

retrobulbar axial neuritis, dark adaptation (Rus) 45709

retrobulbar neuritis caused by Melkersson-Rosenthal synd., with trigeminal & vestibular nerve paralysis, case report (Ger) 28084

ther., vitamin B12 (Rus) 22564

***metabolism***

acid mucopolysaccharides, histochem. demonstration in pathol. cond. 33038

***neoplasms***

glioblastoma, case report (Ser) 45909

glioma, surg. 24537

meningioma of one month's clin. duration 24551

metastatic, clin. manifest. & pathol. 47038

***pathology***

colloidal bodies of optic disk in retinitis punctata albescens in 3 generations (Pol) 28840

glaucoma-like optic papilla without glaucoma, familial cases 23830

pits & crater-like holes in optic disk 23842

***physiology***

chronaxy during ther. of synd. of neuroses with hypochondria & cenesthopathia (Rus) 46337

conduction velocity in rabbit 24564

eff. of electrostimulation on visual cortex neurons in cats (Ger) 25378

eff. of massive electrostimulation on single visual cortex neurons in cats (Ger) 25379

eff. of optic nerve section on cortical response to lateral geniculate radiation stimulation in cats 44969

electric activity of individual fibers, eff. of iodoacetate pois. in cats (Ger) 33842

electric activity of individual fibers, eff. of short-lasting retinal ischemia in cats (Ger) 33941

mechanism of lateral inhib. in eye of horseshoe crab 5515

neurophysiol. 11693

optic chronaximetry in brain concussion (Rus) 45855

subthreshold excitatory processes in eye of king crab, electric potentials arising in single receptors 15703

visual cortical response to optic nerve stimulation 50936

***radiography***

demonstration with iodopyracet contrast medium (Ger) 28891

historadiography (Fr) 13061

historadiography, technic & clin. value (Fr) 14510

***surgery***

combined intraorbital & intracranial removal in retinoblastoma, value in prev. of metastases to CNS 46480

***NERVES, PARASYMPATHETIC** see* **PARASYMPATHETIC NERVOUS SYSTEM**

***NERVES, PECTORAL** see* **NERVES, THORACIC**

**NERVES, PERIPHERAL**

***anatomy and histology***

incisures of Schmidt & Lantermann on sheaths of medullated nerve fibers 20114

relation of axon to satellite cell in peripheral nerve fibers 15682



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

staining method for cytoplasmic structures (Ger) 35264

***diseases***

hered. sensory radicular neuropathy with other abnorm. in large family 12335

in influenza (Ger) 19760

neuritis in macroglobulinemia of Waldenström (Fr) 2486

ther., vitamin B12 (Rus) 21890

with lung dis. & acute infect., pathol. assoc. 36151

***effect of drugs on***

ganglion-blocking hypotensive agents & reserpine, mechanism of action 15009

peripheral effector cell responses to arterenol, epinephrine & postganglionic stimulation, influence of hexamethonium iodide & pentolinium tartrate in cats 48239

***effect of radiations on***

acute radiation sickness cutaneous nerve structure in animals (Rus) 51769

ultraviolet rays, relation of dos. to histopathol. responses of fibers (Rus) 22500

x-ray, lexnal dose, histol. aspects in rats (Cz) 48629

x-rays, on regen. of nerves, in rabbits & guinea pigs, histol. aspects (It) 53749

***embryology***

relation between axons & Schwann cells during prenatal develop. in rats 53702

***metabolism***

acid & alkaline phosphatase activities during exper. wallerian degen. (It) 37393

cholinesterase in mixed peripheral nerve, histochem. 23547

in wallerian degen., acetic acid incorporation into cholesterol & phospholipids in cat nerves in vitro 41207

in wallerian degen., acetyl-coenzyme A synthetase & choline acetylase activity in cat nerves in vitro 41208

in wallerian degen., choline phosphokinase activity in cat nerves in vitro 41209

nitrogen-containing phosphate ester levels in rats & hens 5471

***neoplasms***

angioma, pathol. (Por) 15953

***pathology***

electron microscopy of ultra-thin sections of leprous peripheral nerves 46653

in Sudeck's atrophy, review (Ger) 48349

***physiology***

CNS response to stimulation to peripheral unmyelinated C fibers in cat 5509

eff. of peripheral excitation on vitamin B1 metab. 15684

eff. of stimulation on sympath. activity (Ger) 43572

regen., eff. of vitamin B1 & phenazine alone & in combination & dibazol (Rus) 46322

regulation of aldosterone secretion, review (Ger) 54359

relation to blood pressure regulation & hypertension (Dut) 52500

***surgery***

(Sp) 8219

forceps for use in nerve repair 35881

peripheral nerve-spinal cord anastomosis in exper. cord transection 19807

***transplantation***

exper. autografts & homografts, regen. of nerve fibers (It) 6808

***wounds and injuries***

causing causalgia, differ. diag. from hyperpathia 48486

regen. after repeated trauma in rabbits (Rus) 49225

surg. of extensive inj. (Cz) 23659

upper extremities, employment & working capacity determ. (Rus) 34699

## NERVES, PHRENIC

***diseases***

neuralgia, differentiation from neuralgia caused by spinal tract. of C4 & treated by posterior radicotomy (Fr) 8231

***paralysis***

in inf. during labor causing acquired eventration of diaphragm 43493

***physiology***

eff. of stimulation of motor cortex in cat (Fr) 36605

relation between end-plate depolarization & repetitive response to diisopropylfluoro phosphonate in isolated rat phrenic nerve-diaphragm prep. 28615

***surgery***

anastomosis with facial nerve in facial paralysis (Fr) 35251

anastomosis with facial nerve in facial paralysis (Rus) 22535

## NERVES, RADIAL

***paralysis***

pathogen. (Dan) 10611

***physiology***

cortical areas responsive to stimulation of contralateral & ipsilateral radial nerves in cats 28558

## NERVES, SACRAL PLEXUS

***surgery***

Cotte's technic in dysmenorrhea with backache (Pol) 8093

***wounds and injuries***

during labor 14680

## NERVES, SCIATIC

***diseases***

***see also*** SCIATICA

root compression & tension, flip sign as simple diag. method 22064

***metabolism***

chem. biomorphosis, eff. of aging (Ger) 22942

fats & lipids, sex & age differences (Ger) 22941

histochem., sex & age differences (Ger) 22940

lipid synthesis by electrically-stimulated rat nerves in vitro 50917

***paralysis***

peroneal palsy in recur. bilateral disloc. of superior tibiofibular joint 16985

***physiology***

alarm reaction induction by electric stimulation of central portion of sciatic nerve in rabbits, influence on alkaline reserve & blood electrolyte balance (Fr) 26764

eff. of section on ATP & myosin in striated musc. (Rus) 23650

restorative processes after exper. lesions, eff. of various drugs (Rus) 3576

## NERVES, SPINAL

arachnoidal proliferation & cystic form. in spinal nerve-root pouches 50950

neurol. patterns of innerv. in transitional vertebra phenomenon & topography of transitional fibers 49614

***abnormalities***

anomalous nerve root with abnorm. of cauda equina (Sp) 8163

***anatomy and histology***

dorsal root fibers on motor cells in lumbosacral spinal cord of cat, relation of distribution to site of excitatory & inhib. terminals in monosynaptic pathways 53487

***diseases***

lumbosacral radiculitis, epidural penicillin, procaine & vitamin B1 ther. (Rus) 46318

lumbosacral radiculitis, epidural procaine ther. (Rus) 46319

lumbosacral radiculitis, oscillography & epidural procaine block ther. (Rus) 45145

polyradiculitis causing resp. paralysis, intra-tracheal prolonged artif. resp. (Rus) 34698

radicular pain assoc. with protruded intervertebral disks, review 29273

radiculitis, ethyl chloride ther. (Rus) 28833

radiculitis, ther., intracutaneous alcohol-procaine anesth. (Rus) 28832

radiculitis, ther., pendimide (Fr) 45029

***paralysis***

postop. suprascapular nerve paralysis, etiol. (It) 33131

***pathology***

wallerian degen. of dorsal root fibers, eff. on synaptic transm. in spinal cord 5508

***physiology***

eff. of dorsal root section on conditioned avoidance response in monkeys 21675

efferent nerve impulses in dorsocutaneous nerves induced by cutaneous stimulation in frog 39369

electrical skin resist. reaction after section of sensitive spinal nerve roots in intervertebral disk displacement (Cz) 38292

modulation of sensory discharge by efferent spindle excitation in toad 5518

pathways in insulin sensitization to dextran-induced anaphylactoid inflamm. in rat 35803

spinal motoneuron membrane potential changes accompanying excitation & inhib. during natural activation, in cats 35380

***radiography***

nerve root radiography using methiodal, results (Fr) 17996

***surgery***

anastomosis of branches of facial & spinal accessory nerves for facial paralysis 54650

in palliative ther. of uterine cancer, indic. (Por) 23738

***NERVES, SPINAL ACCESSORY*** *see* NERVES, ACCESSORY

***NERVES, SYMPATHETIC*** *see* SYMPATHETIC NERVOUS SYSTEM

## NERVES, THORACIC

location & dissection of long thoracic & thoracodorsal nerves in radical mastectomy 54735

## NERVES, TRIGEMINAL

***see also*** NERVES, MAXILLARY

***see also*** NERVES, OPHTHALMIC

***see also*** TRIGEMINAL NEURALGIA

***anatomy and histology***

(Dut) 7354

nerve cell-capillary relationship in nuclei (Rus) 47881

***diseases***

hypesthesia caused by colloid cyst of third ventricle 48305

neuroparalytic keratitis, surg. tarsorrhaphy 2091

***embryology***

first stages of develop. & differentiation of ganglionic elements (It) 37490

***neoplasms***

neurinoma (It) 51985

***paralysis***

caused by Melkersson-Rosenthal synd., with vestibular nerve paralysis & retrobulbar neuritis (Ger) 28884

***physiology***

eff. of exper. lesions on radiophosphorus eye uptake in animals (Rus) 52981

eff. of resection on phosphorus metab. in rabbit teeth (Rus) 52983

stimulation inducing tonic substance in aqueous humor of rabbit eye (Cz) 38305

## NERVES, ULNAR

carpal, anatomopathol. & ther. (Ger) 44916

late after elbow inj. (Ger) 38431

luxation (Ger) 27163

traum. neuritis, surg., late results of removing medial humeral epicondyle 50390

## NERVES, VAGUS

***see also*** VAGOTOMY

***anatomy and histology***

lymphatic system of nodose ganglion (Rus) 47865

ramus intestinalis of vagus nerve in bony fish (Fr) 35024

***diseases***

shock during decamethylene-bis-$\omega_5\omega$-(m-dimethylaminophenyl)-N-methylcarbamate methobromide ther. of glaucoma (Ger) 28885

vasovagal, causing carotid sinus synd. (Ger) 55556

***effect of drugs on***

bronchoconstrictor drugs on vagal regulation of resp. rate in guinea pigs (Ger) 23660

parasympatholytics on cardiac vagus in patients undergoing electroshock ther. 37959

***neoplasms***

intracranial tumor of vagus nerve in child, case report (Rus) 39734

non-chromaffin paraganglioma of pneumogastric plexiform ganglion causing paroxysmal vasomotor disord. (Fr) 29135

non-chromaffin paraganglioma of vagal body, postmortem findings 48500

paraganglioma, cervical, case report (Fr) 13065

parapharyngeal glomangioma of hypoglossal & vagus nerves (Fr) 32379

***paralysis***

recur. nerve, physiol. of inferior vocal cords (Ger) 19325

with traum. extracranial internal carotid aneurysm in inf., surg. (Ger) 27744

***physiology***

continuous stimulation of bulbar vagus center inducing periodic activity in frog heart prep. (Ger) 24031

eff. of destruction of nucleus in medulla oblongata (Rus) 15759

eff. of pulm. congestion on vagal afferent activity 47107

eff. of single-shock stimulation on excitability of resp. center, in rabbits 11104

eff. of stimulation of central end of pneumogastric on blood pressure of dogs anesthetized with ether, urethane, pentobarbital & chloral hydrate, comparison (Fr) 38726

eff. of stimulation on funct. of cardia (Ger) 33975

eff. of stimulation on temperature changes in blood,in heart & sagittal sinuses, mechanism (Cz) 21560

eff. of vagal stimulation with multiple & single shock on response of isolated turtle heart to cholinesterase 35796

electrical stimulation of abomasal nerve in sheep causing reflex inhib. of ruminal atrium, significance (It) 37318

excitability of cardiac pneumogastric, eff. of inhalation of smoke of belladonna, henbane & stramonium, in dogs (Fr) 26884

hypotension of vagal reflex due to direct stimulation during surg. 7453

inotropic action of vagus stimulation on isolated rabbit auricle (Ger) 43575

relation of pressor & depressor reflex to single fiber groups in cervical vagus in dogs (Ger) 30540

role in cardiac rhythm, evaluation by determ. of ECG eff. of eyeball compression 491

role in control of aldosterone secretion in dogs 21715

significance of additive synergism of parasympathomimetics & aminopyrine (Ger) 36585

stimulation causing hypertension in dog (Sp) 32465

NERVES, VESTIBULAR

*anatomy and histology*

cell density in vestibular nuclei (Rus) 22662

*diseases*

neuritis, manifest. (Ger) 20528

*paralysis*

caused by Melkersson-Rosenthal synd., with trigeminal paralysis & retrobulbar neuritis (Ger) 28884

*physiology*

eff. of exper. section on exper. cerebellar ataxia in monkeys 12932

Scarpa's ganglia, eff. of aging (Rus) 10758

NERVOUS SYSTEM

*see also* AUTONOMIC NERVOUS SYSTEM

*see also* CENTRAL NERVOUS SYSTEM

*see also* PARASYMPATHETIC NERVOUS SYSTEM

*see also* SYMPATHETIC NERVOUS SYSTEM

neuropathogenicity of ECHO 9 viruses 49834

origin of design of NS 12946

*abnormalities*

unilateral spinal vasomotor lesions with trophic disord. in child. (Ger) 34103

*anatomy and histology*

develop. & structure of cephalic nerves in annelid Nereis 40731

impregnation of NS of insects, modified Samuel method (It) 1971

neurosecretory inclusions, detection with modified Gomori's stain. (Rus) 13582

sensory appar. of Savi in Torpedo marmorata, morphol. (Fr) 34435

works of Cajal & Sherrington 6255

*diseases*

adynamia in exper. adrenal cortex insuff. in rats 305

amino acid metab. & ther. use, review (Pol) 43681

antistreptolysin O titers in (It) 27662

assessment of work fitness by district physician (Cz) 2803

brucellosis, ther., endovenous vaccine (Sp) 44572

caused by aortic dis. (Rus) 28806

caused by lung & esophageal cancer 16308

caused by manipulation of cervical spine (Fr) 9196

caused by rabies vacc. in child. (Rus) 34791

caused by Rauwolfia extracts & phenothiazine deriv. (Fr) 47456

caused by rheum. (Rus) 45201

caused by thrombocythemia (Fr) 44747

chem. pois., ther. 3658

2-chlorbutandiene-induced lesions (Rus) 46323

compl. of Asian influenza, case reports (It) 25692

compl. of fluid ther. in child. with neurol. dis., review 53010

compl. of myxedema (Sp) 38539

CSF & serum transaminases (It) 32165

demyelinizing dis., classif. (Pol) 43675

descriptive epidemiol., review 17005

develop. at site of former inj., diag. (Ger) 42929

diabetic neuropathy 17562

diabetic neuropathy (Por) 28088

diabetic neuropathy after institution of diabetic control 12310

diabetic neuropathy, case report 49177

diabetic neuropathy, classif. & clin. aspects (Por) 4359

diabetic neuropathy, peripheral, symptomatol. (Fr) 37938

diabetic neuropathy presenting as initial clin. manifest. of diabetes 1169

diabetic polyneuropathy (Ger) 46800

diag., tests of swaying of body while standing (Ger) 33932

diag. value of cerebral angiography (Ger) 11044

diag. value of electrophoresis of CSF proteins (Por) 25774

diag. value of sensitivity to vibrations, review (Por) 36906

differ. diag. from schizophrenia in child. (Ger) 4051

ECHO virus infect., review (Ger) 27488

electrodiag. stimulators for neuromusc. disord., types & designs 2207

endocrine & biochem. aspects, review 47149

etiol. & ther., review 18696

following epidural anesth., case reports 2189

following spinal anesth., value of electromyography in determining anesth. as true causative agent 16616

form change (Ger) 42334

glutamic-oxalacetic & glutamic-pyruvic transaminase activities in CSF collected by ventric. puncture (It) 37324

glutamic-oxalacetic & glutamic-pyruvic transaminase activities in CSF in (It) 37333

hered. 32486

hormonal ther. (Ger) 42342

horse serum neuropathy caused by tetanus vacc. 37817

in child. (Ger) 42282

in child., CSF electrophoresis (Ger) 34129

in child., transaminase in blood (It) 44358

in etiol. of conversion hysteria 33863

in etiol. of pain in shoulder & arm 50220

in inf., role of enviroment (It) 43479

in obesity, special diet ther. (Rus) 31152

in spasmophilia (Fr) 988

in thrombotic thrombopenic purpura, case report (Fr) 53982

incidence in Rochester, Minnesota 17005

infect. neurol. dis., problems of nosol. classif. (Rus) 34703

insurance risks & coverage for neurol. dis. patients, panel discussion 31250

metab. disord., clin., genetic & biochem. aspects 31271

Minamata dis. from ingestion of contaminated fish, clin. manifest. 18364

multiple neurol. disord. caused by vitamin B1 defic. in German prisoners of war in Egypt (Ger) 35599

myelin degen., Marchi reaction for staining of degenerating tissue 5475

nervousness in child., etiol. & ther. (Ger) 15316

neuro-allergic tissue damage, biochem. aspects 44201

neuro-humoral & neuro-hormonal correlates (Rus) 55854

neurol. & psychiatric compl. from gold ther., treatment with dimercaprol (Fr) 54108

neurol. compl. of influenza, clin. aspects (Rus) 46344

neurol. compl. possibly related to polio. immun. 45555

neurol. disord. caused by aortic stenosis 37814

neurol. disord. caused by periarteritis nodosa, case report 11678

neurol. disord. caused by piperazine intoxication, case report 19929

neurol. disord. caused by prochlorperazine ther. in child., EEG (Fr) 38775

neurol. disord. in pregn. 43296

neuromusc. dis., ther., 3-(o-methoxyphenoxy)-1, 2-propanediol monocarbamate 48424

neuromusc. disord. in child., eff. on glutamic oxalacetic transaminases in blood 43495

neurol. manifest. of stupor & coma 15907

neurol. synd. in macroglobulinemia of Waldenström, case reports (Fr) 2475

neuromyopathies in cancer patients 28960

neurotrophic ulcers of feet, diag. & ther. 4495

neuro-vasomotor disord., causing sudden deafness, case report (Fr) 13082

pain in neuromusc. dis., review 29277

polyneuropathy with acute porphyria, case report (Tur) 45488

polyradiculitis caused by antitetanus serum, ther., cortisone 2197

postop., in child. (Fr) 301

proteins in CSF, diag. value of paper electrophoresis (Ger) 27176

psychovegetative & neurol. disord., ther., benactyzine (Ger) 11057

recur. polyneuropathy, ACTH, cortisone & prednisone ther. 2019

review 47155

rheum., eff. on blood proteins (Rus) 34713

sarcoidosis 48298

senile dis. with emotional disord., 2-piperidinoethyl-2-carboxylic acid hexanone-1 benzyl ester (Ger) 46023

sensory neuromyopathy with cancer of lung, onset 3 1/2 years before diag. of cancer 38020

ther. (Fr) 49745

ther., acupuncture (Rus) 46321

ther., chloramphenicol-tetracycline prep. in chronic infect. (Sp) 21790

ther., echinopsin (Rus) 46320

ther., 2-oxo-5-chlorobenzoxazole 10698

ther., β-phenylisopropylamine nicotinic acid (Rus) 34692

ther., prednisone, prednisolone, vitamins B 1 & B 6, indic. & results (Fr) 45036

ther., progr. 50860

ther., role of funct. reeduc. (It) 6840

ther., Scopolia himalayensis alkaloid himaline (Rus) 34691

ther., vitamin B12, massive doses (Rus) 34695

ther., vitamin B12 with thromboplastin (Ger) 42343

time factor, subjective & objective concepts in develop. of NS dis. (Fr) 10666

urinary adrenal steroids (Rus) 52968

with contracture, ther., oral thiocolchicoside (Fr) 2492

x-ray differ. diag. from assimilation of atlas (Ger) 3614

*effect of drugs on*

2-amino-6-methylheptanol-6 on nerv. fatigue in rats (Fr) 38731

dibazol, 5,6-dimethyl-benzylimidazole & vitamin B12, on neural inhib. in animals (Rus) 49427

3-diethylaminoethyl-3-phenylglutarimide in mice (Ger) 44939

*effect of radiations on*

x-rays, on developing fetal nerv. system 31639

*embryology*

eff. of method of develop. on nerv. differentiation of fragment of ectoblast (Fr) 4988

responses of developing fetal nerv. system to x-irradiation 31639

*in aged*

morphol. 21875

*in various diseases*

caisson dis. (It) 15783

electroshock (It) 39359

glaucoma (Rus) 33510

hypertension (Ger) 15301

intestinal parasitic dis. in child. (Pol) 30395

latent vasc. insuff. of brain stem (Cz) 2767

neuro-ergonal system in silicosis, pathogen. mechanisms (Fr) 13471

periarteritis nodosa, neurol. compl. (Fr) 32036

porphyria, acute, review 28509

spondylitis, ankylosing (Pol) 43660

trichinosis, case report 30160

tuberc. 35853

tuberc. (Ger) 25791

tuberc., electroneurogram (Ger) 25792

*metabolism*

acetylcholine in nerv. tissue 8359

neurochem. 6256

proteins (Pol) 53301

proteins, review (Pol) 30761

*neoplasms*

angiomatosis, incomplete form of Sturge-Weber dis. (It) 3654

epidermoidermoid cyst & teratoma, embryonal & traum. pathogen. (Fr) 35240

neuroectodermal tumors, classif. (Rus) 55304

*pathology*

changes in diphtheria with myocarditis 10663

changes in neuro-musc. electric excitability in fatigue & loss-of-confidence synd. in jet pilots (Fr) 29239

in aphasic & deaf child. 1192

in diabetes mellitus (It) 39351

in height vertigo (Ger) 19319

in influenza & other neurotropic virus dis. (It) 1998

*physiology*

blood count regulation, review (Ser) 30094

eff. of body temperature changes (Nor) 45416

eff. of diphenylhydantoin on neurosecretion in mice 36115

eff. of dysenterial toxin in dogs (Rus) 25740

eff. of removal & orthotopic transpl. of limbs in anura amphibia (It) 9324

gamma neural system control of motor system, review (Cz) 26523

higher activity in neurasthenia patients in relation to ther. (Rus) 46338

immunol. tolerance to nerv. tissue inject. into rats 47571

in regen. of irradiated extremities in Amphibia (Dut) 7351

mechanism of sensorimotor synchronization (Fr) 25090

neuro-endocrine responses to trauma 51125

neurol. bases of consciousness (Dut) 7312

neuromusc. excitability (Fr) 5317

neurosecretion, symposium 48470

origination of pre-albumin in CSF in neural parenchyma 15805

parameters of integrative action of NS at neuronal level 15697

pathways of electron transm. in NS (Rus) 47996

phasic & tonic motor units, detection in humans & mammals (Ger) 27150

regression & peripheral control of differentiation in motor hypoplasia in chick embryo 46893

role in radiophosphorus distribution in bones of toads 24041

role of nerv. regulation in pathogen. of nonspecific polyarthritis (Fr) 4737

role of neuro-endocrine system in carcinogenesis, review (Fr) 9182

sensory preconditioning, review 53644

sensory transm. mechanisms 2574

supposed localization of language centers & relation of sensation & higher ment. funct. to language (Sp) 9722

transport processes in membrane in nerve mechanism & kinetics of electrochem. & hydrostatic interaction 15605

*NERVOUS SYSTEM SYPHILIS see* NEUROSYPHILIS

NEURALGIA

*see also* TRIGEMINAL NEURALGIA

causalgia, etiol., manifest. & differ. diag. from hyperpathia 48486

craniofacial, etiol. classif. & ther. (Fr) 9081

glossopharyngeal (Fr) 41146

intercostal, caused by cervicodorsal spondylosis, balneol. & phys. ther. (Hun) 31128

lumbar, in discopathy caused by spinal puncture in anesth. & appendicitis (Fr) 44782

Shuler's & allied neuralgias 50601

*case reports*

cervico-occipital, caused by abnorm. of atlas, simulating spinal arthritis (It) 36208

pelvic neuralgia with dyspareunia (Fr) 26269

*diagnosis*

errors (Rus) 21883

*differential diagnosis*

phrenic neuralgia, differentiation from neuralgia caused by fract. of C4 & treated by posterior radicotomy (Fr) 8231

*therapy*

assoc. & synergism of drugs (It) 39506

ethyl chloride in intercostal neuralgia (Rus) 28833

procaine nerve block (Rus) 21889

vertebral gymnastics in lumbar neuralgia (Fr) 15190

**NEURASTHENIA**

*diagnosis*

objective diag. (Rus) 46336

*physiology*

EEG in sleep & waking state (Rus) 23260

higher NS activity, dynamics in relation to ther. (Rus) 46338

*therapy*

vitamin-mineral prep. with essential food components (Ger) 19015

**NEURILEMMOMA**

acoustic nerve neurinoma simulating Foster-Kennedy synd. (Fr) 54112

gastric neurinoma (It) 53770

giant, of cauda equina, with minimal sympt. (Por) 53865

intraparotid neurilemmoma of facial nerve (Sp) 25952

malignant neuriaoma in region of cardia ventriculi (Hun) 52900

vulva (It) 33380

*case reports*

acoustic nerve tumors in cattle 12740

cauda equina 41978

facial nerve 34933

ileum, enormous neurinoma (Fr) 42007

intrathoracic, causing spontaneous hypoglycemia (Ger) 6061

mediastino-pleural (Fr) 28361

nasal cavity (Fr) 13075

primary, of pancreas 23502

pyriform sinus (Fr) 1022

sigmoid colon (Fr) 6309

spine (It) 27669

solitary neurilemmomas of stomach & duodenum (It) 37531

solitary neurinoma of musculocutaneous nerve in brachial plexus (It) 44335

stomach (Pol) 30748

stomach, exogastric, with perf. causing grave hemorrh. (It) 39682

*complications*

synd. of pontocerebellar angle caused by neurilemmoma of acoustic nerve, diag. value of otoneurol. exam. (It) 13494

*diagnosis*

pneumoradiographic localization in anterior pillar of cerebral fornix & anterior hypothalamus (Fr) 18016

*experimental*

acoustic nerve, growth in tissue culture (Ger) 34600

*manifestations*

intra-osseous cystic lesions in schwannoma of iliac crest 17454

*pathology*

argyrophil neurinoma, histopathol. (Ger) 33525

*surgery*

peripheral (Ger) 38439

**NEURITIS** 47318

acoustic nerve (Hun) 39429

neuritis syphilitica 13273

optic, after cataract extraction 55012

optic, retrobulbar, ther. & surg. (Fr) 44665

vestibular (Ger) 20528

*complications*

deafness, sudden, case report (Ger) 21590

prechiasmatic neuritis with incarceration of intracanalicular segments of optic nerves, surg. 20124

*differential diagnosis*

interstitial hypertrophic neuritis, differ. diag. from progr. musc. atrophy (Fr) 9158

*etiology and pathogenesis*

femoral nerve, caused by radiations (Rus) 45186

gastric hypo- or achlorhydria causing optic neuritis (Fr) 7066

isoniazid causing peripheral neuritis, prev. by vitamin B6 4485

leprosy, ther. 33133

macroglobulinemia of Waldenstrom causing peripheral neuritis (Fr) 2486

multiple neuritis in macroglobulinemia of Waldenström (Fr) 3475

multiple sclerosis with uveoneuritis synd. (Fr) 41911

obturator nerve, caused by posttraum. calcification of obturator membrane (Ger) 41707

plantar, caused by ganglion & hemangioma 8114

retrobulbar neuritis caused by Melkersson-Rosenthal synd., with trigeminal & vestibular nerve paralysis, case report (Ger) 28884

tolbutamide causing bilateral optic neuritis (Fr) 31997

*in infant and child*

optic nerve (Hun) 45372

optic neuritis following chickenpox in 4-year old girl (Ger) 20123

*physiology*

dark adaptation in retrobulbar axial neuritis (Rus) 45709

*surgery*

removal of medial humeral epicondyle for traum. ulnar neuritis, late results 50390

*therapy*

acoustic neuritis, N-bis(2-chloroethyl)-2-chloropropylamine ther. (Rus) 10762

anterior pituitary extract & vitamin B1 in optic neuritis 24108

assoc. & synergism of drugs (It) 39506

dextro propoxyphene (Sp) 32457

drug ther. 26136

intraosseous procaine and local alcohol-procaine block (Rus) 45690

vitamin B6 in optic neuritis (Fr) 32405

***NEURITIS, MULTIPLE see* POLYNEURITIS**

**NEUROBLASTOMA**

*case reports*

retroperitoneal (Nor) 10366

*in infant and child*

pathol. (Ger) 23130

progn. 166

retroperitoneal, case reports (Sp) 31884

sympathogonioma, case report (Pol) 7834

ther. & survival, case report 6454

**NEUROCIRCULATORY ASTHENIA**

diag. & ther. (Ger) 6676

psychol. & soc. aspects (Sw) 21800

*differential diagnosis*

angina pectoris, role of patient & physician in cardiac sympt. form. 18641

*epidemiology*

in military personnel, military & medicosoc. medicolegal aspects (It) 19208

19209

*manifestations*

severe coronary insuff., unusual case (It) 15248

*physiology*

ECG 36251

organ selection & mediation of arachnoid in physiopathol. 39371

*therapy*

ACTH (Rus) 46315

exercise ther. (Ger) 12053

*urine in*

5-hydroxyindolacetic acid excretion 35174

**NEURODERMATITIS**

*etiology and pathogenesis*

gastrointestinal tract dis. (Ger) 6060

*physiology*

peripheral blood flow, photoelectric plethysmography (Ger) 36437

plethysmography in disseminated dis. (Ger) 3209

*therapy*

coal tar - hydrocortisone - neomycin ointment, comparison with hydrocortisone ointment 16342

electronarcosis (Rus) 45142

prednisone in neurodermatitis disseminata, long-term ther. 2834

vitamin B6 (Rus) 22501

**NEUROEPITHELIOMA**

olfactory esthesioneuroepithelioma 34948

*case reports*

esthesioneuroblastoma 12678

metastases of retinoblastoma to CNS, indic. for combined intra-orbital & intracranial removal of affected optic nerve 46460

*heredity*

retinoblastoma (Fr) 5131

retinoblastoma, genetic & familial analysis of cases 24973

*pathology*

retinoblastoma, statist. (Por) 8741

*therapy*

photocoagulation in retinoblastoma (Ger) 28857

retinoblastoma, radiother. 23848

retinoblastoma, x-rays & triethylene melamine 11705

**NEUROFIBROMA**

trigeminal neurinomas (It) 51985

uncommon neurogenic tumors of nasal cavity, review 49624

*case reports*

form. after presacral neurectomy in dysmenorrhea 24497

orbit (Fr) 27025

orbit (Pol) 28850

*complications*

sudden deafness caused by neurofibroma of cerebellopontile angle 40477

*pathology*

oral (Ger) 41718

**NEUROFIBROMATOSIS**

multiple mid-facial & laryngeal mucosal neuromas as a dis. entity (Fr) 47380

ocular phakomatoses, review (Dut) 52502

*case reports*

(It) 25617

congen., tongue (Ger) 55665

5 cases in a family (Hun) 37243

with neurofibroma of bladder 35886

with sebaceous adenoma, ment. defic. & epilepsy (Fr) 2423

*complications*

cancer of Vater's ampulla (Ger) 3204

orbit defect with exophthalmos, case report (Fr) 6322

*in infant and child*

generalized congen., spontaneous cure (Pol) 7833

*manifestations*

cranial changes (Ger) 44306

eye manifest. (Fr) 7076

myopia (Ger) 51261

skin discoloration 12042

visceral manifest. (Por) 39463

*pathology*

brain lesions (Fr) 9154

histopathol. (Hun) 16270

*surgery*

2 operations for Recklinghausen's dis. (Fr) 42035

***NEUROFIBROSARCOMA see* FIBROSARCOMA**

**NEUROGLIA**

centrosome of vertebrate neuroglia (Sp) 25657

fine structure in cockroach, light & electron microscopy 40586

*anatomy and histology*

ependyma in vertebrates, relation to carbohydrate metab. of CNS (Ger) 34411

*effect of radiations on*

ultraviolet rays, reaction of photosensitized glia cells in tissue culture to incandescent light & electronic flash 28081

*metabolism*

cytochrome oxidase & succinic oxidase activity in glial capsule cells of rabbits 5491

*pathology*

piloid gliosis, histol. 17804

*physiology*

electric response of neuroglia in cat cerebral cortex 21721

pyknosis of gliacyte nucleus (It) 9765

**NEUROLOGY**

child neurol., relation to other branches of med. (Cs) 38280

contribution & scientific works of Babinski (Sp) 44389

contribution of Babinski (Fr) 44723

44725

44726

contribution of Richard Bright 39715

contribution of Cajal & Sherrington to neurohistol. 6255

contribution of James Collier 48597

contribution of Liverija O. Darkshevich (Rus) 21909

contribution of Freud 28544

contribution of J. Godwin Greenfield 11667

contribution of Hermann Oppenheim (Ger) 32278

contribution of Yves Pourailes (Fr) 29193

contribution of Frank R. Teachenor 6994

cybernetics in, review (Rus) 46327

future trends 19797

in Gt. Brit. (Rus) 46330

in Rumania (Rus) 34702

need for neurol. & psychiatric exam. in outpatient serv. (Fin) 54636

neuroanat., contribution of Elizabeth Caroline Crosby 55142

neuropathol. in W. Europe 17792

neuropsychiatry, progr. (Fr) 41106

neuropsychiatry, review (Fr) 9195

New Jersey Neuropsychiatric Assoc. 50232

pediatric neurol. in Czech. (Pol) 30407

pediatric specialization (Pol) 30070

progr. 34890

relation to child psychiatry (Ger) 44918

Schweizerische Neurol. Gesellschaft (Ger) 44910

status of Babinski in modern neurol. (Fr) 44724

*education*

museum mountings & colored prints used in teaching neuropathol. 5355

poor train. manifested by requests for unnecessary diag. tests 49195

**NEUROMA**

acoustic nerve 15744

neurogenic lung tumors (Ger) 54942

post-cholecystectomy neuroma of residual cystic duct stump (Por) 53861

*case reports*

acoustic nerve 28655

retroperitoneal (Pol) 53175

*pathology*

lymphomatous neuroma of maxillary sinus (Fr) 36152

***NEUROMUSCULAR SPINDLES* see NERVE ENDINGS**

**NEURONS**

axon reflexes, mechanism 49372

axon-satellite cell relation in peripheral nerve fibers 15682

centrosome of vertebrate neurons (Sp) 25657

cytol. & cytochem., review (Pol) 30908

dendrite as receptive pole of neuron 39185

dendrite funct. 39189

dendrites, electrophysiol. & pharmacol., review 39186

dendrites, structure & contracta 39184

dendrites, structure & funct. 39187

distribution of arterenol in intra-axonal structures studied in beef splenic nerves 333

eff. of anoxia on electrical activity of giant neurons of Tethys (Fr) 38664

eff. of carbon dioxide on giant axon of mollusk Tethys (Fr) 38678

fine structure in cockroach, light & electron microscopy 40586

histol. characteristics of sensory nerve expansions in diaphragm of monkeys (It) 37524

induction of changes in dendritic & recruiting processes & their DC after-effects in cat 27322

membrane potential changes accompanying excitation & inhib. in spinal motoneurons & interneurons during natural activation in cats 35380

micronеurons forming ascending pathways in white substance of spinal cord of rabbit (Fr) 38719

neuronal reactivity to inj. during embryonic develop. 5071

oscillatory behavior of squid axon membrane potential 5104

protein of spinal cord neurons, eff. of proteinases 38415

reflexes from ipsilateral motoneurons transmitted by non-myelinated fibers in cat (Fr) 38708

synapses & crossed inhib. of sacral motoneurons 5506

*anatomy and histology*

cell counts in Auerbach & Meissner plexuses in guinea pigs 15713

basophil structure of cytoplasm (Rus) 13562

*effect of drugs on*

2-acetoxyethyl-dimethyl-dodecyl-ammonium iodide on sensitive membranes of nodes of Ranvier (Ger) 27852

adiphenine quaternary deriv. on neurons of various organs in frogs & mice (Rus) 33182

anisotonic solutions on morphol. of nodes of Ranvier (Ger) 27848

chlorpromazine, histol. eff. on Nissl substance & Golgi appar. of cortical neurons in mice 20749

cobaltous chloride on action potential of single myelinated nerve fiber, determ. by new extracellular recording method 50067

epinephrine on neurofibril form. in adult rabbit cortical neurons in tissue culture 52299

potassium & sodium ions on resting & action potentials of giant axon of cockroach 52347

*effect of radiations on*

ultraviolet rays, reaction of photosensitized neurons in tissue culture to incandescent light & electronic flash 28081

*embryology*

axon relation to Schwann cells during develop. of peripheral nerves in rats 53702

*metabolism*

enzyme activity of giant squid axoplasm & axon sheath 50915

*pathology*

axoplasmic changes in early stages of wallerian degen. in rat 16948

vacuolated neurons in medulla oblongata from apparently healthy sheep of various breeds 17107

*physiology*

anodal threshold phenomenon in squid giant axon 29831

component analysis of action potential from single neurons 15693

eff. of calcium defic. on action potential of motor axons of lobster limbs 50578

eff. of chem. stimulation of musc. spindles on single motor neurons in cats (Ger) 30541

eff. of stress on lower neuron activity 15724

eff. of sulfhydryl group blockade on funct. of lobster axons 4808

electric responses of auditory neurons to sound stimulation in cat 28556

electrophysiol. of squid giant axon, critical depolarization for spike 16468

excitation, inhib. & coordination of cortical neurons in cat 15694

excitation of squid axon membrane in isosmotic potassium chloride 52454

interaction of electrical activity among neurons of lobster cardiac ganglion 50066

learning as process induced by changes in interneuronal transm. characteristics, use of electronic analogue computers in research 14218

membrane potential characteristics of individual nodes of Ranvier, dependence on ion concentration (Ger) 27837

neurosecretion & elaborative funct. of neurons in gastropods (Fr) 15139

parameters of integrative action of NS at neuronal level 15697

photoactivation of pigmented neurons from gastropod Aplysia (Fr) 25518

primary process in re-establishment of neurons during nerve regen., relation to ribonucleic acid content of neuron 15690

properties of dendrites & funct. in cell excitation 15707

proximo-distal movement of radiophosphorus in motor axons after inject. into spinal cord in cats 739

reflex responses & auto-inhib. of tonic & phasic alpha-motoneurons during prolonged chem. stimulation of musc. spindles (Ger) 15705

responses of motor neurons after chromatolysis in cats 5786

retrograde reaction in motoneuron dendrites after ventral root section in frog 28306

spinal reflex regulation of fusimotor neurons in cats 17958

swelling & chromatolysis, influence of state of cell develop. 479

undifferentiated neuronal spread of excitation & eff. of local anesthetics on post-stimulatory after-discharge of neurons 15691

unitary analysis of response of motoneurons 15692

**NEUROPHYSIOLOGY**

contribution of George H. Bishop 39186

contribution of Horace Winchell Magoun & Giuseppe Moruzzi 55075

research using unanesthetized & unrestrained animals (Fr) 54089

*apparatus and instruments*

unity gain cathode follower 27337

*education*

for physiotherapists 30639

**NEUROSES**

***see also* DEPRESSION**

***see also* HYPOCHONDRIA**

***see also* HYSTERIA**

***see also* NEURASTHENIA**

***see also* NEUROCIRCULATORY ASTHENIA**

***see also* PSEUDOPREGNANCY (Por) 16482**

anniversary neuroses & their cardiac manifest. 4014

compensation neurosis & sinistrosis (Sp) 29359

in air force personnel, flight train. & qualification of suspected neurotics (Ger) 45786

in indust. workers, causes & prev. (It) 42225

Munchausen synd., case reports 14320

natural hist. 48262

perceptual response selections of neurotics & controls, eff. of relative familiarity & soc. desirability of items 4384

psychosomatic patients as soc. adjusted neurotics (Dut) 43049

relation to IQ (Sw) 10172

role of reflex increase in autonomic neuroses (Ger) 15817

traum. (Fr) 27350

*blood in*

oxygen levels, determ. & relation to emotional tension (Rus) 46333

*case reports*

with cyclic edema, intermittent hyperaldosteronism, severe hypokalemia & tetany (Fr) 2485

*diagnosis*

behavioral (Sw) 43252

persistent juvenile EEG (Ger) 44199

*epidemiology*

in Indonesia (Dut) 6331

*etiology and pathogenesis*

brain & cranial trauma (Ger) 23096

brain inj., medicolegal classif. (Sp) 8724

cardiovasc. factors, genetic & constitutional aspects (Cz) 2780

caused by doctor's diag. of illness (Sw) 33138

climacteric, female, estrogen ther. (Rus) 46818

hyperopia, mechanism & pathol. (Fr) 54109

multiplicity of causes (Ger) 23083

soc. forces 50914

*experimental*

eff. on conditioned reflexes in lactating & pregn. rabbits & on offspring growth (Rus) 49565

neurotic behavior during discrimination learning in albino rats (Fr) 48915

*in infant and child*

anxiety as precursor 35403

develop. (Ger) 33861

drawings by neurotic child. 54879

parents of neurotic child., comparison with parents of schizophrenic child. 31547

postop. (Fr) 301

with sympt. of paper-eating, psychotherapy (Ger) 34138

*physiology*

neurol. symptomatol. in neuroses (Cz) 2781

optic nerve chronaxy during ther. of synd. of neuroses with hypochondria & cenesthopathia (Rus) 46337

*psychology*

behavior patterns, differentiation from modes due to endogenous processes in acute schizophrenia (Ger) 20629

dreams, enuresis, nocturnal orgasm & somnambulism in neurotics, comparison with same cond. in normal persons 5458

eff. of exposure time in immediate recall on extraversion, neuroticism & rigidity in neurotics 17733

neurotic ego distortion, psychoanalytic interpretation 4301

neurotic ego distortion, psychoanalytic interpretation, introduction 4302

relation of neuroticism to radicalism & tendermindedness 17165

role of retreat of love, psychosoc. aspects, psychoanalytic interpretation (Ger) 6374

sense of humor (Fr) 995

sympt. & sympt. substitution, review 31559

sympt. clusters on psychol. tests 17736

*therapy*

benactyzine, behavioral eff. 33434

chlorpromazine, correlation of psychiatric & psychol. eff. 49611

examination neurosis, psychoanalytic ther. (Sp) 44584

group psychother., re-enactment of marriage neurosis 50902

lysergic acid ethylamide, psychopathol. eff., comparison with lysergic acid diethylamide (It) 9763

management of chronic neuroses in GP 6141

meprobamate 17448

meprobamate, comparison with chlorpromazine 24865

meprobamate, results (Ger) 3373

psychother. (Ger) 49054

psychother., indic. & contraindic. (Por) 50081

psychother., Morita method (Ger) 8377

reserpine ascorbate (Fr) 993

sleep ther., arguments of structural & existential nature (Fr) 46622

**NEUROSES, ANXIETY**

*therapy*

benactyzine 50833

benactyzine, response of various components of anxiety 50834

hematoporphyrin-methylparafynol carbamate -succinonitrile prep., oral admin. (It) 26827

suggestion with placebos 50832

**NEUROSES, OBSESSIVE-COMPULSIVE**

acute manifs., manifest. & ther. (Fr) 9199

as preliminary stage of presenile psychosis (Fr) 48413

castrophilia as a character neurosis 50036

concepts & mechanisms (Por) 28082

fear of becoming insane 47193

irresistible impulse in responsibility of murder 3185

MMPI psychasthenic scales, relation to uncertainty in judgments 4908

phobias, progr. in psychiatric diag. & ther. 47192

religious symbolism 28038

*case reports*

obsessive state of short duration (Dan) 30220

*complications*

hallucinations in obsessive neurosis, case reports (It) 32162

*differential diagnosis*

obsessional personality 41829

*etiology and pathogenesis*

cerebral hemorrh., with visual pseudo-hallucinations & confusional state (It) 54274

epilepsy (It) 33131



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

kleptomania in epileptoid persons (Ger) 34302
temporal epilepsy (Fr) 48417

*in infant and child*

46713
kleptomania in childhood (Ger) 34203
school phobia, causes & prev. 38025

*physiology*

CNS in compulsive synd. (Fr) 44756
pathophysiol. role of primary & secondary conditioned reflexes (Ger) 44211

*psychology*

compulsive crying (Ger) 33864
monopolarity of logical reasoning & bipolarity of feelings, comparison with normal persons (Pol) 30067

*therapy*

review (Fr) 21340

**NEUROSES, REACTIVE**

traum., medicolegal aspects (Ger) 49058

*in infant and child*

manifest. & case reports (Ger) 55519

*manifestations*

premorbid sympt. (Cz) 2753

**NEUROSES, WAR**

medicolegal aspects (It) 19180
phases of somatopsychic crisis (Ger) 27040
prev. & management (Ser) 22642
reactions of Algerian Moslems in recent Algerian political conflicts (Fr) 998

**NEUROSPORA**

crassa, genetic control of conidiation in a heterokaryon 5081
crassa, random distribution of nuclei in conidia of heterokaryons 34384
forward-mutation rates in Neurospora crassa, direct method for determ. 19709
sitophila, use in microbiol. determ. of vitamin B6 (It) 53810

*metabolism*

acetoin & 3-hydroxy-2-pentanone as probable precursors of isoleucine & valine in Neurospora crassa 40550
kynureninase from Neurospora crassa, properties & partial purification 13720
nicotinamide & nicotinic acid in Neurospora crassa 13722
sulfur-containing amino acids in Neurospora crassa, eff. of molybdenum 37118
thiosulfate utilization, inhib. by sulfate in certain strains 1366

**NEUROSURGERY**

*see also* PSYCHOSURGERY

10-(3-dimethylaminopropyl)thiophenylpyridylamine in (Ger) 35588
Harvey Cushing Society 28559
high-energy proton beam as neurosurg. tool, exper. in goats & rabbits 19688
in child., review 7382
in Gt. Brit. (Rus) 46330
in Russia, organiz. (Rus) 10951
med. ethics in (Ger) 23807
recent trends 28565
review 20574
review (Fr) 24258
review (Ger) 52234
use of isotopes (Sp) 44424
with artif. resp., advantages (Fr) 7387

*anesthesia and analgesia*

anesth. & resuscitation (Fr) 12983
meparine 12856
pregnane-21-ol-3, 20-dione succinate, indic. (Fr) 421
technics 48164
1,1,1-trifluoro-2-bromo-2-chloroethane 4329
1,1,1-trifluoro-2-bromo-2-chloroethane (It) 19254
1,1,1-trifluoro-2-bromo-2-chlorethane, drip-feed admin. 12857

*apparatus and instruments*

cup-and-ball chemopallidectomy appar. 6152

*education*

poor train. manifested by incidence of unnecessary operations 49195
teaching methods & need for expansion of courses in various countries (Sp) 8185

*history*

(Fr) 41907
1st operation for radicular compression due to previously diagnosed discal hernia (It) 8058

**NEUROSYPHILIS**

*see also* PARESIS

*see also* TABES DORSALIS

in motorists, importance for traffic safety (Ger) 11227

*case reports*

olfactory neuritis 13273

*cerebrospinal fluid in*

sedimentation reaction, Maksimov technic (Rus) 45643

*diagnosis*

CSF analysis 50243
Treponema immobilization test, negative reaction (Ger) 24233

*epidemiology*

parenchymatous in Moslems of No. Africa (Fr) 39490

*manifestations*

psychoses, develop., diag.) & incidence in U. S. 12324

*statistics*

advanced conjugal syphilis (Pol) 44184
mortal., autopsy data (Rus) 55203
recovery rate, Italian hosp. statist. (It) 31695
survival rate of general paresis hosp. patients 40662

*therapy*

penicillin & fever ther. (Fr) 29198
penicillin, hazards of masking diag. of worsened cond. (Dut) 7340
penicillin prep. 10279
statist. analysis (Por) 39989

**NEUTRONS**

*see also* ELECTRONS

characteristics of neutron beams from University of California 60 inch cyclotron 49858
dosimetry (It) 42736
eff. on broad bean root 31607
neutron activation analysis, principles & technics as applied biol. material 53725

*determination*

projection microscope for neutron dosimetry 49862
threshold detector method of fast neutron dosimetry, improvements 27812

*effects*

biol. action on tissues, comparison with other radiations (It) 9326
fast neutron induction of chromosomal aberrations in Tradescantia plants, effectiveness as compared with other radiations 31606
fission neutrons on duodenum of mice, histol. comparison with damage from gamma rays 31609
irradiation of exper. animals, appar. (Rus) 6647
14-Mev neutrons & fission neutrons on fertility of male mouse, comparison with cobalt 60 gamma rays 8535
relative biol. effectiveness of fast neutrons for life shortening in mice 8526

*NEUTROPENIA see* AGRANULOCYTOSIS

**NEVUS**

*see also* ANGIOMA

clin. & pathol. evaluation 8040

*case reports*

blue nevus, intraoral 41245
central pigmented nevi in alopecia areata (Ger) 4005
cerebriformis, of scalp (It) 6824
hairy nevus of doubtful histol. (Fr) 36526
woolly hair nevus 11563

*differential diagnosis*

nevus syringadenomatosus papilliferus of scalp simulating sebaceous cyst, case report 11583

*etiology and pathogenesis*

flammeus, & vascularis of frontal & cervical region (Ger) 16092

*in infant and child*

surg. problems (Ger) 34533

*pathology*

blue, histogenesis & histopathol. (It) 36706
cellular, unusual histol. forms (Fr) 37067
multiple basal-cell nevus, relation to multiple skin cancers & assoc. develop. abnorm. 34852

*surgery*

dermabrasion tattooing for nevus flammeus, technic 20390

**NEVUS, PIGMENTED**

classif. & ther. 15923
junctional activity in nevus-cell nevus & melanoma, histopathol. & incidence (Ger) 23633

*case reports*

metastatic nevus causing rupt. of liver 4153
pilaris giganteus (Ger) 11429

*differential diagnosis*

premalignant melanosis of scrotum, from Paget's dis. (Ger) 15272

*in infant and child*

in lepromatous leprosy, case report (Por) 13618

*surgery*

intradermal nevus of fifth toe, left foot, excis. technic 50278

**NEWCASTLE DISEASE**

*experimental*

myoclonus develop. in infected cats 5789

*virus*

cyclic multiplication in tissue cultures 23762
growth in chorioallantoic membrane cultures, influence of antimetabolites 12771
hemolysin inactivation by antiserum & high-energy electrons 31348
infect. of tissue culture, resist. to herpes simplex virus 5015
inoculation into rabbit cornea causing morphol. & funct. changes in endothelium 37565
interaction with HeLa cells & measurement of lethal action of virus 23595
prod. of pulm. consolidation after intranasal inoculation into mice 10871

*NIACIN see* NICOTINIC ACID

**NICKEL**

in blood & urine of carbonyl nickel workers (Rus) 39589

*effects*

induction of resp. defic. in yeast 7303
on skin 23378

*injurious effects*

cancer of lung & nose in nickel workers 26051
cancer of lung in nickel workers 26052
carcinogenic action, relation to fixation of histamine (Fr) 48868
dermatitis caused by nickel cpds. from corrosive metal earpieces of eyeglasses 11560
lung pathol. in nickel workers 26053

*poisoning*

of edathamil in mice & rabbits 23379

*NICOTINAMIDE see* NICOTINIC ACID

**NICOTINE**

*see also* TOBACCO

*antagonists*

γ-aminobutyric acid 41347
1-bicyclohexyl & 1-phenylcyclohexyl amino ethers, inhib. of eff. of nicotine on isolated rat duodenum (Fr) 26913
1-hydroxyimino-acetone, eff. on isopropyl methylfluorophosphate pois. in guinea pigs (Fr) 48876
selective antag. of nicotine-induced contracture of isolated rabbit intestine (Fr) 3052

*determination*

isolation from roots & stems of Erythroxylum coca (Dut) 20317

*effects*

antag. of acetylcholine action on isolated frog heart 12491
antidiuretic response of rats, influence of chlorpromazine 31293
induction of convulsions, antag. by ganglionic blocking agents in mice 36596
inject. into various parts of brain, EEG changes in cats 327
on arterenol-epinephrine ratio in adrenals, intravenous inject. in rats (Fr) 26808
on bronchial musc. isolated prep. 41336
on cardiovasc. system 2036
on contraction of rabbit colon in vitro 28629
on develop. of offspring after admin. to pregn. rats, negative eff. 54396
on exper. hypercholesterolemia in cockerels 50261
on isolated guinea pig atria, influence of reserpine (It) 37419
reflex responses of mesentery, mechanisms 17931

*metabolism*

fate & determ. of metabolites after admin. to dogs & cats 1441
Nicotiana rustica, glutamate as precursor for pyrrolidine ring of nicotine 16920
oxidation by cell-free bact. prep. 40560
oxidation by cell-free bact. prep., isolation & identification of (1)-6-hydroxynicotine as first oxidative product 40561

*related compounds*

cotinine form. by rabbit liver after nicotine admin. 52368
ganglion-blocking activity of certain deriv. (Rus) 49429

*therapeutic use*

historical & current use of tobacco plant 10840
nicotine & copper sulfate mixture in nematode infect. in sheep 30358

**NICOTINIC ACID**

53263
nicotinic acid & nicotinamide, review 4208
nicotinic acid-tryptophan dietary requirements in man, designation in nicotinic acid-equivalents 4424

*antagonists*

6-aminonicotinamide, antag. of coenzyme I-dependent enzymatic systems 38081
6-aminonicotinamide, antag. of pyridine nucleotides 16924
6-aminonicotinamide, eff. on behavior in rats & guinea pigs 5537
6-aminonicotinamide, eff. on growth of fibroblasts in vitro (It) 9323
6-aminonicotinamide pois., eff. on oxygen consumption in rat (It) 25594

*deficiency*

causing hypochromic anemia in tropics, case report 13873


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

eff. of pyridine deriv. in ducklings, review 20023

eff. of tryptophan defic. on nitrogen balance, blood pyridine nucleotides & urinary metabolites of nicotinic acid in low-nicotinic acid diet 50967

eff. on adrenal response to ethyl alcohol, determ. by adrenal content of cholesterol & vitamin C 44284

eff. on tryptophan metabolites in urine 50968

in pregn., possible causative agent of pregn. toxemias 16302

***determination***

content in bread (Ger) 16387

content in cooked foods, comparison with pre-cooking levels 4184

in Phaseolus aureus seed extracts (Fr) 48919
48920

quantitative determ. with cation exchanger wofatit KPS 200 (Ger) 53093

***effects***

inhib. of action of N,N-bis (2-chloroethyl)-N',O-propylene-phosphorodiamidic acid on Jensen sarcoma in rats (Ger) 6072

on blood cholesterol, admin. in buffered form to lower tox. of pure nicotinic acid 3206

on blood cholesterol, alone & with phenylbutyramide, in hypercholesteremic dogs & humans 461

on blood cholesterol in dogs & rabbits (Ger) 33985

on blood lipids & carbohydrate tolerance in diabetics & non-diabetics 46923

on blood lipids in pulm. tuberc. (Sp) 53894

on cholesterol content of rat liver 7236

on fibrinolytic activity in vivo 20742

on gastric juice hydrochloric acid & pepsin contents in dogs (Rus) 22676

on resp. (It) 54205

prod. of increased blood bilirubin & iron levels in normal & in anemia patients 11972

sodium nicotinate on body temperature & resp. in guinea pigs, comparison with other vasodilator drugs (Fr) 48862

***in blood***

excess, ther., sodium thiosulfate with glucuronic acid & magnesium (It) 26635

***in urine***

eff. of x-rays in rats fed various diets (Rus) 22675

***metabolism***

alkali-treated maize 28567

amniotic fluid content in normal & toxemic pregn. (Rus) 12150

Bacillus, biosynthesis in various species (Por) 21065

biochem. defects in conversion of tryptophan to nicotinic acid in exper. neoplasms (It) 31675

biochem. defects in tryptophan-nicotinic acid conversion in avitaminosis, cataract, hypoplastic anemia, diabetes & neoplasms (It) 31674

corn & tobacco, failure to demonstrate tryptophan as precursor by isotope technics 40548

E. coli (It) 13981

in peptic ulcer (Rus) 41666

M. tuberc. in liquid Dubos tween albumin culture medium (Ger) 25805

M. tuberc. in 4-mercaptosalicylic acid medium comparison of human strains with avian & bovine types (Ger) 25803

M. tuberc. in solid media, comparison of human strains with avian & bovine types (Ger) 25804

metab. interrelation with tryptophan & requirements in man 24368

nicotinamide & nicotinic acid in Neurospora crassa 13722

requirements of mice, eff. of dietary fat level 28576

***related compounds***

3-acetylpyridine-induced hippocampal lesions in mice & rats 20720

6-aminonicotinamide with 6-mercaptopurine & radiother., eff. on exper. tumors 2690

antibact. eff. (It) 3544

bis-nicotinoyl morphine, analgesic eff., clin. & exper. evaluation (Ger) 22831

β-butoxyethyl-nicotnic acid-nonylic acid vanillamide ointment as contact medium in ultrasonic ther. 3727

β-butoxyethyl-nicotinic acid with nonylic acid vanillamide as counterirritant to pain, eff. on skin temperature (Fr) 10665

β-butoxyethylnicotinate-nonylic acid vanillamide ointment in ther. of circ. disord. of amputation stump & backache (Ger) 52212

diethylamine, eff. on cardiovasc. system, comparison with camphor & pentylenetetrazole (Rus) 3569

N1-methylnicotinamide determ. in urine by fluorometric method (Ger) 43595

3-methylhydroxyethylamino-2-hydroxypropyl-theophylline nicotinate, ther. of cardiovasc. dis. in diabetics (Ger) 52249

$N^1$-methylnicotinamide, postop. urinary levels (It) 27639

N-methyl-4-oxo-nicotinamide determ. in urine (Ger) 28065

nicotinamide, antag. of eff. of serotonin on smooth musc. & tranquilizing activity in rats 32337

nicotinamide causing vitamin B12 destruction, with vitamin B1, protection by iron salts 51082

nicotinamide, eff. of massive doses on glucose-6-phosphate dehydrogenase & 6-phosphate gluconic dehydrogenase activity of liver in rats (It) 37510

nicotinamide eff. on acetoacetate utilization by liver of alloxan diabetic rats in vitro, colorimetry (Tur) 45436

nicotinamide, eff. on acetoacetic acid metab. in liver homogenates of normal & alloxanized rats 52416

nicotinamide, eff. on acetoacetate utilization by liver of alloxan diabetic rats in vitro, determ. by distillation method (Tur) 45435

nicotinamide, eff. on formate & glycine incorporation into adenine & protein in mouse liver 40555A

nicotinamide, eff. on liver synthesis of coenzyme I & on adenosine phosphates levels in rats (It) 1939

nicotinamide, eff. on liver synthesis of coenzyme I & on level of phosphorus cpds. in rats (It) 1938

nicotinamide in ther. of ment. disord. in aged, combined with pentylenetetrazole 40936

nicotinamide-induction of coenzyme I synthesis in rat liver, relation to levels of nucleotide phosphorus (Fr) 26326

nicotinamide metab. in liver, relationship between nicotinamide, pyridine nucleotides & N1-methylnicotinamide, exper. study 9588

nicotinamide metab., review 1259

nicotinic acid nitriles & -oximes as growth factors for Bacterium proteus vulgaris & Micrococcus aureus (Ger) 46173

phenol esters, prep., antimycotic & hyperemizing eff. (Ger) 1322

β-phenylisopropylamine nicotinic acid, ther. of NS dis. (Rus) 34692

N-(2-phenylpropyl)nicotinamide ther. of obesity (Rus) 45180

pyrazinamide, eff. on blood proteins & Middlebrook-Dubos reaction in exper. tuberc. in rabbits (It) 24928

pyrazinamide, eff. on gamma globulin & Middlebrook-Dubos reaction in rabbits vaccinated with killed M. tuberc. (It) 24921

pyrazinamide, eff. on uric acid metab. (It) 31772

pyrazinamide, in drug-resist. pulm. tuberc., with cycloserine 22327

pyrazinamide in solution, ther. of pleural tuberc. empyema, topical admin. (It) 29636

pyrazinamide, prosp. & postop. protection in pulm. resection for tuberc. 15545

pyrazinamide ther. of pulm. tuberc., low dos. in combination with isoniazid or PAS 35919

pyrazinamide, ther. of pulm. tuberc., review (Ger) 51786

pyrazinamide ther. of pulm. tuberc., with cycloserine 24733

pyrazinamide ther. of tracheobronchial tuberc. (It) 39694

3-pyridinemethanol, ther. of rheum. arthritis (Ger) 42931

1,2,5,6-tetrahydro-1-methylnicotinic amides, eff. on CNS, in rabbits, comparison with lysergic acid diethylamide (Fr) 26663

trigonelline detection in king crab (Ger) 49903

***therapeutic use***

adnexitis, with aminopyrine, sodium salicylate & procaine (Ger) 45973

blindness due to tuberc. meningitis 40920

hypercholesteremia, AMA council report 16666

hypercholesteremia, admin. with vitamin B6 565

hyperlipemia, side-eff. following oral admin. 12258

idiopathic hyperlipemia & xanthomatosis (Sp) 35537

in labor analgesia, with atropine, phenobarbital & procaine (Ger) 29489

magnesium-dehydrocholic acid-magnesium nicotinic acid in Sudeck's atrophy, eff. on blood circ. (Ger) 42911

nicotinic acid-aminopyrine-procaine-sodium salicylate prep. in inflamm. & degen. arthritis (Ger) 11040

nicotinic acid-cobalt prep. in anemia (Rus) 45162

nicotinic acid-meclizine prep. in Ménière's dis., eff. on neurolabyrinthine mechanisms 21510

optic atrophy due to meningeal tuberc. 40917

rheum. arthritis, local admin., for calorific nerve stimulation as adjuvant of balneother. (Ger) 22832

tuberc. chorioretinitis, with streptomycin (Rus) 33514

## NICOTINIC ACID ISOMERS

*see also* ISONIAZID

*see also* TUBERCULOSIS, *therapy*

2-amino-isonicotinic acid & deriv., prep. (It) 3540

iproniazid deriv., chem. & pharmacol. (It) 49406

iproniazid ingested for attempted suicide, case report 49199

iproniazid phosphate, AMA council report 4489

***antagonists***

reserpine-serotonin antag. iproniazid antag. by reserpine-serotonin in brain (Fr) 44915

***effects***

N-(2-diethylaminoethyl)-iso-nicotinamide prev. of ventric. fibrill. in induced cardiac arrest in hypothermic dogs 12824

m-ethyl-thioisonicotinamide on isoniazid-resist. tuberc. (Sp) 27877

2-ethylthioisonicotinamide on M. tuberc. in vitro & in exper. animals 35903

α-ethylthioisonicotinamide, on various bact. (Rus) 37200

growth of young rats fed milk of mothers receiving isonicotinic acid isomers in absence & presence of dietary vitamin B6 (Rus) 22674

iproniazid antag. of monoamine oxidase, comparison with N-isonicotinyl-N'-(1-methyl-2-phenyl-ethyl)-hydrazine 44091

iproniazid-induced coronary dilatory eff. in rabbits (It) 42683

iproniazid inhib. of coronary constrictor eff. of pitressin in rats (It) 42676

iproniazid irreversible inhib. of monoamine oxidase, comparison with inhib. by choline-p-tolyl ether bromide & pentamidine 13396

iproniazid on amphetamine, methylphenidylacetate & pipradrol-induced hypermotility in mice (It) 37514

iproniazid on blood ammonia in liver dis. 38616

iproniazid on cardiovasc. system in rabbits (Ger) 37849

iproniazid on cond. reflex abolition by reserpine in rats (It) 37441

iproniazid on eosinophil & thrombocyte count (Ger) 21655

iproniazid on gastric secretion in dogs 12520

iproniazid on gastrointestinal motility & secretion, relation to changes in metab. of endogenous serotonin (Ger) 49693

iproniazid on hypothalamo-adenopituitary axis in rats (Fr) 26801

iproniazid on induction of false pregn. in rats, with reserpine (Fr) 48966

iproniazid on monoamine oxidase activity in vivo, comparison with alkyl-hydrazides of amino acids (Ger) 27850

iproniazid on space localization 23417

iproniazid on spontaneous motility of rats, comparison with mechanism of action of amphetamine (It) 1949

iproniazid on tox. of serotonin in mice (It) 37450

iproniazid, pharmacol. in rats (It) 37451

iproniazid pretreatment antagonizing reserpine inhib. of conditioned escape reaction in rats (Ger) 37838

isonicotinic acid deriv., antibact. eff. (It) 3544

on M. tuberc. bovis in vitro (Por) 8778

on urinary 17-ketosteroids (Rus) 39337

3-sulfo-isonicotinic acid dineodymium, blood group reactions (Ger) 12082

***in urine***

3-hydroxy-5-hydroxymethyl-2-methyl-isonicotinic acid determ. by fluorimetry 4769

***injurious effects***

iproniazid 39160

iproniazid causing hepatitis 16513

iproniazid causing hepatitis, case report 30161

iproniazid causing jaundice during ther. of depression 14249

iproniazid causing jaundice, liver pathol. 40261

iproniazid causing jaundice, review & case reports 35716

iproniazid causing liver necrosis 38841

iproniazid causing massive necrosis of liver 24992

iproniazid causing transitory ment. disord. during ther. of decubital angina 14250

3-sulfo-isonicotinic acid disodymium causing hemoglobinemia & hemoglobinuria 10349

***metabolism***

iproniazid, relation between metal & duration of eff. on monoamine oxidase in rats 17940

***therapeutic use***

N-(2-diethylaminoethyl)-isonicotinamide HCl in cardiac arrhythmia (Ger) 11054

m-ethyl thioisonicotinamide in pulm. tuberc., with cycloserine & viomycin, after failure of PAS, isoniazid & streptomycin (Fr) 54166

hexaisonicotinoyl-cyclohexane in arterial insuff. of legs (Sw) 45345

iproniazid in angina pectoris 438
48494

iproniazid in angina pectoris (Ger) 21602
26483

iproniazid in angina pectoris (Sp) 20819
31021
53963

iproniazid in angina pectoris & intermittent claudication (Sp) 21795

iproniazid in angina pectoris, eff. on prothrombin concentration (Sp) 43859

iproniazid in depression 12610

iproniazid in depression (Fr) 47453
47454

iproniazid, in depression (It) 8632
iproniazid in depression (Sp) 31013
iproniazid in depression, clin. aspects & pharmacol. 17788
iproniazid in depression, comparison with 2-hydrazino-1-phenylpropane 24635
iproniazid in depression, with reserpine 39167
iproniazid in depressive psychoses in female, statist. results 15577
iproniazid in depressive states 50860
iproniazid in ischemic angina pectoris 14248
iproniazid in ment. disord. 42104
iproniazid in ment. disord. (Sp) 18859
iproniazid in ment. disord. (Sw) 54824
iproniazid in ment. disord., limited ther. value & side-eff. 3191
iproniazid in orthopedics 39159
iproniazid in psoriasis, disappointing results 50195
iproniazid in psychoses 17721
iproniazid in psychoses (Nor) 43251
iproniazid in psychoses (Sp) 18853
iproniazid in psychoses with akinesia 24627
iproniazid in rheum. arthritis 54187
iproniazid, indic. 30306
non-tuberc. dis. 30167

***toxicity***

iproniazid 39156
39157
iproniazid phosphate 4454

***NICTITATING MEMBRANE*** *see* **EYELIDS**

**NIGHT BLINDNESS**

***case reports***

with slow curve of dark-adaptation (Fr) 20119
retinochoroid dis., classif. 45045

**NIKETHAMIDE**

***related compounds***

N-(3-phenylpropyl)nicotinamide ther. of obesity (Rus) 45180

***therapeutic use***

arthrosis, with adenosine (Ger) 51807
cardiovasc. & resp. disord. in aged, alone & with synergistic drugs (It) 39519
coronary dis., with adenosine (Ger) 32605
resp. failure 48300

***NINHYDRIN*** *see* **INDICATORS AND REAGENTS**

**NITRATES**

***see also*** **SILVER NITRATE**

in vegetables in inf. nutrition, value (Ger) 34118
nitric acid esters, quantitative determ. technics for esters with ther. value (Ger) 30613
starch nitrate, review 35551
sugar nitrates, prep., phys. properties & reactions 46787

***determination***

quantitative colorimetry using sulfuric acid solution of diphenylamine (Rus) 39594

***effects***

aluminum nitrate, antiperspirant eff. & duration of eff. (Fr) 38852
on activation energy of ventric. contraction & relaxation in vitro 32355
on growth of Tribonema aequale alga in pure culture 25303

***injurious effects***

nitric acid causing pulm. edema in brewery worker (Ger) 38904

***metabolism***

content of grass species & strains 19649

***poisoning***

ther., prednisone & prednisolone (Ger) 23132

***therapeutic use***

aminotrate in angina pectoris (Rus) 45119
bismuth subnitrate in gastrointestinal disord. (Fr) 32374
pentaerythritol tetranitrate-hydroxyzine prep. in intermittent claudication 36000

***toxicity***

red fuming nitric acid-hydrofluoric acid vapor mixture, acute tox. in rats & mice 33

***NITRIC ACID*** *see* **NITRATES**

***NITRILES*** *see* **CYANIDES**

**NITRITES**

amyl nitrite test of coronary insuff. (It) 48991
color reactions of benzene deriv. with nitrous sulfuric acid in presence of mercuric salts (Fr) 13098
hydrogen peroxide yield from gamma-irradiated aqueous nitrite solutions 31604
isoamyl nitrite in ampuls, degradation kinetics, nature of reaction products eff. of temperature, solvent & oxygen on overall degradation rate 4553
isoamyl nitrite in ampuls, degradation kinetics, stabilization 4554

***effects***

amyl nitrite causing cerebrospinal fluid pressure increase, diag. value (Ger) 12098
amyl nitrite, hemodynamic & vasomotor eff. in normal humans (It) 31672
anoxemia induced by sodium nitrite, eff. on exper. arsenic pois. in rabbits (It) 13899
aristolochic acid inducing selective necrosis of renal tubules of first order in rabbits (Ger) 43010
glyceryl trinitrate induction of headache, role of capillaries in prod. & eff. on serum mucopolysaccharide levels (It) 53586
glyceryl trinitrate on capillary circ. of dent. pulp, topical admin. 20155
on E. coli nitratase adaptation 25142
organic nitrites, antiseptic eff. (Ger) 1575
prev. eff. on beta ray induction of skin lesions in rats 8520

***metabolism***

mononitro-aryl cpds., mechanism of reduction by enzyme systems of various animal organs (Ger) 27802
p-nitrotoluene, enzymic oxidation in rabbit liver homogenates 40557

***poisoning***

ethyl nitrite vapor inhalation (Ser) 25723
glyceryl trinitrate, occup. pois. causing ment. disord. (Fr) 47758
sodium nitrite pois., fatal with intervals of clin. improvement (Ger) 35586
spontaneous recovery from ingestion of sodium nitrite in anti-rust powder 42096

***preparation of***

aristolochic acid isolation & purification from Aristolochia clematitis (Ger) 43011

***related compounds***

aromatic cpds., oxidative metab. by Nocardia & Pseudomonas species 5080

***therapeutic use***

aminotrate biphosphate, glyceryl trinitrate & pentaerythritol tetranitrate, comparison of vasodilator eff. 28511
aminotrate in angina pectoris (Rus) 45118
glyceryl trinitrate in left ventric. failure, eff. of sublingual admin. on pulm. arterial pressure 47507
glyceryl trinitrate-pentaerythritol tetranitrate-reserpine prep. in angina pectoris, statist. 8135
glyceryltrinitrate ointment in coronary dis. (Pol) 8085
heart dis. (It) 42687
nilatil in angina pectoris (Nor) 54949
nilatil in angina pectoris (Sw) 45349
pentaerythritol tetranitrate in angina pectoris, alone & with khellin (Ger) 19016
pentaerythritol tetranitrate in angina pectoris, combined with secobarbital in timed-disintegration capsule form. 16358
pentaerythritol tetranitrate in angina pectoris, time-disintegration capsules for continuous 24-hour vasodilat. to reduce frequency & severity of attacks 38830
pentaerythritol tetranitrate in angina pectoris, with amobarbital in sustained release prep. 902
sodium nitrite in gangrene of leg & intermittent claudication (Sp) 3341

***toxicity***

nitro-olefins, acute tox. 11596

**NITROBACTER**

***effect of drugs on***

heavy metals on nitrification (Rus) 51927

***metabolism***

cell-free nitrification by Nitrobacter agilis 28218
cytochromes 19504

**NITROBENZENE**

***poisoning***

causing convulsive crises, EEG (It) 42704
determ. of exposure of workers to aromatic nitro cpds. 28407
exper., eff. of dimercaprol in dogs & rats (Fr) 28421

***related compounds***

chloronitrobenzene pois. causing sulfhemoglobinemia, eff. on porphyrin metab. (It) 42219
m-dinitrobenzene causing inhib. of growth of Aspergillus niger, reversal by amino acid mixtures 31460
1,3-dinitrobenzene color reaction in quantitative determ. of digitalis alkaloids & cardiac glycosides (Ger) 29892
2,4-dinitrochlorobenzene causing contact dermatitis in guinea pigs, measurement of binding to skin proteins in vivo 28320
dinitrochlorobenzene, eff. on skin, potentiation by BCG vacc. in guinea pigs (Ger) 15271
dinitrochlorobenzene induction of eczema, eff. of d-amphetamine with caffeine & chloral hydrate in guinea pigs 14086
2,4-dinitrochlorobenzene reaction with isoniazid, mechanism & use in colorimetric determ. of isoniazid (Ger) 47686
N-(β-hydroxyethyl)-N-(p-[4'-nitrophenoxy]benzyl)-dichloroacetamide, ther. of intestinal amebiasis 16309
o-nitrobenzaldehyde reactions with β-keto-amines (Ger) 47671
nitrobenzoic acids, oxidative metab. by Nocardia & Pseudomonas species 5080
p-nitrobiphenyl, new bladder carcinogen in dog 40109
1-(p-nitrophenyl)glycerine in prev. of swarming in Proteus culture (Ger) 15394
1-(p-nitrophenyl)glycerin inhib. of colonization in bact. culture (Ger) 23166
α-(p-nitrophenyl)maltoside as substrate for assay of amylase 7228

**NITROFURANTOIN**

***effects***

on Proteus species in vitro, develop. of resist. (Fr) 13048
on Proteus vulgaris in vitro, admin. with chloramphenicol & erythromycin 47618
sensitivity of bact. isolated from urinary infect., disk tests (Fin) 49208

***in urine***

colorimetric determ. method 44903

***injurious effects***

hemolytic anemia in 10-month old inf. 36535

***therapeutic use***

trichomonas ureteritis & vaginitis (Fr) 3137
urinary infect., with chloramphenicol & sulfisoxazole (It) 44178
urinary tract infect. 14167
urogenital infect. 33093

**NITROFURAZONE**

***injurious effects***

eczema & edema in food preserv. worker (Fr) 9629

***therapeutic use***

bact. infect. of skin, topical admin., effectiveness & incidence of hypersensitivity reactions 40320
eye dis. (Rus) 45710
with procaine anesth. in prev. of postop. suppurations (Rus) 18188

**NITROGEN**

eff. of tapioca macaroni replacement of rice diet in undernourished child 37594
nitrogen oxide-treated gauze for hemostasis (Rus) 7809
nitrogen storing action of somatotropin in normal & depancreatized bitches 49176
oxide concentration in tunnels for water supply & drainage sewer during construction, measurement & prev. of risks 46885

***deficiency***

caloric-nitrogen denutrition (Fr) 37904
in chronic dis., determ. by lean-body mass creatinine coefficient relation to urinary steroids 24375

***determination***

amido-nitrogen in amino acids, peptides & proteins, micro method (Ger) 49896
content in human enamel samples from different tooth surfaces 17206
in discolored dent. enamel 40767
in opaque white enamel 40768
in proteins, by indanetrione hydrate method 52450

***effects***

intravenous insufflation on blood circ. & resp. in cats & guinea pigs (Ger) 46575
nitric oxide on radiosensitivity of ascites tumor cells in mice 19599
on Actinomyces streptomycini growth in synthetic media (Rus) 36390
on auxin action on wheat coleoptiles in presence of cold 9553
on portal blood ammonium levels in chronic liver dis. 17571
on ration digestibility & nitrogen balance of lambs fed semipurified rations 5540

***in blood***

α-amino-nitrogen in renal blood of rabbits, eff. of cystine (Ger) 34031
balance in erythropoiesis under endogenic cond. (Ger) 49909
eff. of anoxia in hogfish (Fr) 26925
eff. of intermediate protein formula in inf. 434
eff. of passage from fresh water on level of amino & non-protein nitrogen in blood of tench (Fr) 48008
hyperazotemia in dogs, eff. on glucose tolerance test 3355
in arteriosclerosis, levels after blood coagulation & fibrinolysis (Pol) 8102
in burns, eff. on rest-nitrogen levels in child. & adults (Pol) 30696
in erythrocytes & reticulocytes (Ger) 23823
of hepatoma-bearing rats, changes in nitrogen of blood returning from liver (R) 55092

***in urine***

amino nitrogen, relation to hydrogen ion concentration (Ger) 6075
eff. of high fat-high cholesterol diet in rat 36616
postgastrectomy, in cancer (Rus) 55329

***injurious effects***

survival of normal & decorticated rats in nitrogen atmosphere (Cz) 21566

***metabolism***

absorp., eff. of total gastrectomy in dogs 22002

alga Anabaena cylindrica, enzymic mechanisms of photochem. reduction of elementary nitrogen 13827

amino acid requirements of older men in relation to total nitrogen intake 51921

amino nitrogen in Actinomyces streptomycini (Rus) 55303

assimilation by algae, review 43283

Bacillus megatherium, relation to iron metab. during sporulation (Fr) 15081

balance, eff. of dietary protein content in humans (Ger) 40179

balance in aged (It) 3595

balance in epilepsy (Ger) 27000

balance in peptic ulcer, relation to protein intake (Ger) 15465

balance, relation to caloric intake, review 7571

bone marrow, labeled albumin & glycine tests of modes of absorp. (It) 37476

cell-free nitrification by Nitrobacter agilis 28218

conversion of plant nitrogen to microbial nitrogen in sheep rumen 47593

disord. causing acute delirium (Rus) 34705

eff. of ACTH, cortisone & somatotropin in exper. toxic hepatitis in rats (Rus) 13851

eff. of intravenous amino acids in various pathol. cond. (Fr) 54900

eff. of isoniazid in normal & hungry animals (Rus) 3575

eff. of radiophosphorus (Rus) 10805

eff. of tryptophan defic. in low-nicotinic acid diet 50967

Eremothecium ashbyii, synthesis during fermentation, relation of osmotic pressure (Ger) 32283

fixation by cell-free extracts of Azotobacter 39230

fixation by gram-negative bact. other than Azotobacter 19571

fixation by non-nodulated plants & nodulated Coriaria arborea 42978

fixation, contribution of Evan Pugh 1607

fixation in Azotobacter, competitive inhib. by oxygen 13781

fixation in Azotobacter vinelandii mutant 50338

fixation in presence of catalyst colloidal molybdenum oxide during photosynthesis of amino acids from paraformaldehyde 52292

fungus Zygorhynchus 17304

in aged, eff. of androgen-estrogen-thyroid prep. 55359

in cancer in man 14753

in cancer, review (Pol) 53208

in child. on high protein diet, eff. of amino acid supplementation of corn 50959

in child. on medium-high protein diet, eff. of amino acid supplementation of corn 50960

in marine teleosts, excretion 26407

in severe burns 25042

inorganic nitrogen in bact., review 25114

kidneys, excretion & reabsorption in epidemic hemorrh. fever (Rus) 45889

liver, eff. of dietary protein levels on rats 40082

liver, eff. of vitamin B defic. in rats 28059

liver of rats fed 3'-methyl-4-dimethylaminoazobenzene, eff. of adrenalectomy & desoxycorticosterone 2675

nitrification, participation of resp. enzymes (Rus) 19115

nitrogenous cpds. in digesta along sheep alimentary tract 37592

nitrogenous excretory products of Taenia taeniaeformis larvae 50997

Nitrosomonas europaea (Rus) 51926

post-gastrectomy, eff. of 17α-ethyl-4(5)-estren-17β-ol-3-one (Dan) 45503

Pseudomonas aeruginosa growth on medium containing single amino acid as sole nitrogen source (Fr) 37829

reduction to ammonia by Desulfovibrio desulfuricans in presence of pyruvate (Fr) 3038

requirements for maintenance of normal & of protein-depleted adult roosters on diets of whole egg protein & amino acids 41236

residual blood nitrogen & urine nitrogen, eff. of renal colic in dogs (Rus) 55147

retention, dietetic indic. (Fr) 31078

retention in adult rats, eff. of amino acid imbalance 40512

retention in castrated male rats on amino acid-defic. diets after admin. of testosterone propionate, body & organ weight changes (Sp) 44388

retention in inf., eff. of fresh & pasteurized human milk 30429

retention in man produced by chymotrypsin digests of bovine somatotropin 29534

Salmonella schottmuelleri growth on medium containing single amino acid as sole nitrogen source (Fr) 37830

total & non-protein nitrogen of digesta along sheep alimentary tract 37588

***poisoning***

bronchiolitis caused by occup. inhalation of nitrous fumes, case reports 54923

nitric oxide & nitrogen di- & tetraoxide pois. in miners after subterranean mine explosion, chest x-rays (Bul) 16421

***related compounds***

causing neoplasms in bladder of mice & rats (Fr) 9010

***therapeutic use***

liquid nitrogen in verruca & other skin cond. (Dut) 43024

## NITROGEN MUSTARDS

***see also*** **CHLORAMINES**

2-amino-1,3-dichloropropane & structurally related cpds., hydrolytic dechlorination & cytotoxic eff. (Ger) 36934

1,6-bis-(β-chloroethylamino)-1,6-desoxy-D-mannitol, exper. & clin. evaluation of cytotoxic eff. 54875

mechanisms of action following bone marrow inject. in rat 10431

***effects***

p-bis-(2-chloroethyl) aminophenylalanine, anti-tumor activity of optic isomers (Rus) 37188

p-bis-(β-chloroethyl)aminophenylalanine, eff. on exper. sarcoma, radioautography (Rus) 7788

5-bis-(2-chloroethyl)amino-uracil on sarcoma 180 & Ehrlich carcinoma 44092

N-bis(2-chloroethyl-2-propyl-amine hydrochloride, on exper. anaphylactic shock & Arthus phenomenon (Rus) 52985

N,N-bis(2-chloroethyl)-N'O-propylene-phosphorodiamidic acid, on Jensen sarcoma in rats, inhib. of action by nicotinamide (Ger) 6072

N,N-bis(2-chloroethyl)-N',O-propylene-phosphorodiamidic acid with 2,5-bis-aziridinyl-3,6-dipropoxyquinone & surg. on D8 carcinosarcoma in rats (Ger) 52213

chlorambucil on hemopoietic activity in bone marrow & spleen of rat 26020

5-(β-chloroethyl)amino-4-methyluracil, eff. of amobarbital on ther. eff. & tox. in sarcoma-bearing rats (Rus) 33602

depression of normal serum bactericidal activity 50802

dopane, on growth of transplanted tumors & nucleic acid metab., with 4-aminopteroyl amino adipic acid (Rus) 55299

mechlorethamine, on growth & differentiation of Pseudomonas aeruginosa 11752

mechlorethamine-N-oxide causing leukopenia & decrease of glutathione in liver, protective eff. sulfhydryl cpds. of nucleic acids & deriv. (Fr) 46934

mechlorethamine-N-oxide on exper. neoplasms (It) 36824

mechlorethamine-N-oxide on inoculation tumors in mice & rats (Ger) 34162

mitotic-inhibitory eff. on mouse ear epidermis in vitro 27421

on adrenal cortex funct. in man 14762

on cell multiplication in degenerating spinal tracts in rabbits 16055

on Ehrlich carcinoma alone & with radiogold in mice 14742

on hemoglobin synthesis by bird erythrocytes in vitro 14754

on radioiron uptake by erythrocytes in rats 5256

prev. treatment of Murphy Sturm rat lymphosarcoma with nitrogen mustard 54663

sarcolysin, on splenic tumor tissue nucleic acid & radiophosphorus inclusion (Rus) 55297

xylyl-bis(β-chloroethyl)amine, on exper. cancer, with antireticular cytotoxic serum (Rus) 20199

***injurious effects***

pathol. eff. on spleen in ther. of leukemia & lymphoma 20944

***poisoning***

mechlorethamine, protective eff. of isologous or homologous bone marrow in mice (Fr) 9024

***therapeutic use***

adjunctive, in surg. of cancer of colon & rectum 39138

advanced genital cancer (Fr) 26245

N-bis(2-chloroethyl)-2-chloropropylamine in neuritis of acoustic nerve (Rus) 10762

N-bis(2-chloroethyl-2-chloropropylamine in rhinoscleroma, remote results (Rus) 55224

p-bis-(β-chloroethyl)amino-phenylalanine perfusion of isolated tumor-bearing area in metastatic melanoma of leg 40318

N-bis(2-chloroethyl)-2-chloropropylamine in Hodgkin's dis. in child. (Rus) 42549

N,N-bis(2-chloroethyl)-N'O-propylene-phosphorodiamidic acid in blood dis. (Ger) 33832

N,N-bis(2-chloroethyl)-N', O-propylene-phosphorodiamidic acid in cancer (Ger) 32635

N,N-bis(2-chloroethyl)-N', O-propylene-phosphorodiamidic acid in lymphosarcoma (Ger) 380

cancer 41862

cancer, palliative ther. 930

chlorambucil in lymphatic leukemia, combined with cortisone & blood transfusions (Fr) 50773

chloroethylamine in leukemia, Hodgkin's dis. & malignant tumors, statist. (Bul) 16406

5-(β-chloroethyl)amino-4-methyluracil in myelocytic leukemia (Rus) 45133

5-(β-chloroethyl)amino-4-methyluracil in myelocytic leukemia & other forms of cancer (Rus) 55330

hydrocele & spermatocele (Ger) 34528

Kaposi's sarcoma 41886

lymphoid tissue neoplasms, with surg. (Fr) 2389

mechlorethamine-N-oxide in palliative ther. of solid tumors 34965

mechlorethamine room disinfection in tuberc. (Ger) 42942

reticulosis, cutaneous, with surg. (Fr) 6320

2,3,2-trichloroethylamine HCl in rheum. arthritis (Ger) 11296

tumors, increased urinary excretion of metabolites in relation to tumor destruction 28007

***toxicity***

detoxication by liver, mechanism 31324

## *NITROGLYCERIN see* NITRITES

## NITROPHENOLS

***determination***

4,6-dinitro-o-cresol with nitron, in organs of corpses (Ger) 36505

***effects***

alkyl nitrophenol, eff. on yeast metab. (Ger) 23617

4,6-dinitro-o-cresol on Amoeba proteus form & movement under various cond. of pressure & temperature 39274

4,6 dinitro-o-cresol, on frog skin resp. in vitro, comparison with skins of other animals (Ger) 30549

dinitro-o-cresol on liver metab. in homoiothermic & poikilothermic animals, comparison (Ger) 33079

dinitro-o-cyclohexylphenol, molluscicidal eff. on snails in control of schistosomiasis 2451

dinitro-o-cyclohexylphenol-pentachlorophenoxy sodium prep., resist. of Oncomelania nosophora 24701

2,4-dinitrophenol & 2,6-dinitrophenol, eff. of lethal dos. on postmortal free amino acid content of organs & tissues of rats (It) 14002

2,4-dinitrophenol & 2,6-dinitrophenol, eff. of lethal dos. on postmortal musc. content of lactic acid & pyruvic acid in rats (It) 14004

2,4-dinitrophenol & 2,6-dinitrophenol, eff. of lethal dos. on postmortal total buffer capacity of musc. of rats (It) 14003

2,4-dinitrophenol causing uncoupling of oxidative phosphorylation, mechanism of action 40524

dinitrophenol-induced cataract in domestic fowls 46463

2,4-dinitrophenol, on acid-soluble mononucleotides in rat diaphragm during incubation under aerobic & anaerobic cond. 320

2,4-dinitrophenol on ATP metab. & oxidative phosphorylation in submitochondrial particles, points of actions 1885

2,4-dinitrophenol on carbon dioxide fixation by Saccharomyces cerevisiae (Sp) 8903

2,4-dinitrophenol on cardiac ventric. action potential in frog (Fr) 15157

2,4-dinitrophenol on distribution of thyroxin injected into thyroidectomized rats 35076

2,4-dinitrophenol on epinephrine & acetylcholine action on taenia coli activity in guinea pigs 5797

2,4-dinitrophenol on ethylene evolution, resp. & ripening of tomato fruit 48446

2,4-dinitrophenol on histamine release during anaphylactic reaction in vitro 39260

2,4-dinitrophenol on magnesium-activated ATPase in rat liver in vitro 47937

2,4-dinitrophenol, on metab. in denervated musc. in insects (Ca) 39213

dinitrophenol on musc. membrane resting potential 15710

2,4-dinitrophenol on oxygen consumption & ammonia prod. by erythrocytes & reticulocytes (Ger) 23621

2,4-dinitrophenol on oxygen consumption of diaphragm isolated from guinea pig (It) 36736

dinitrophenol on tonic & tetanic reactions of isolated musc. fibers of frogs & rats (Rus) 13044

2,4-dinitrophenol on transport of phosphates across isolated intestinal wall (Ger) 25881

2,4-dinitrophenol on variation with time in distribution pattern of thyroxin injected into thyroidectomized rats 35077

2,4-dinitrophenol on water reabsorp. from proximal tubule of salamander kidney 35793

***poisoning***

dinitrophenol, mechanism, prev. & ther. (Ger) 1578

***therapeutic use***

2,4-dinitrophenol in diabetes mellitus, comparison of metab. eff. with acetylsalicylic acid 2210

## NITROSOMONAS

europaea, viability & properties after dessication (Rus) 19122

isolation of Nitrosomonas in pure culture 28221

oxidation of ammonia to nitrite by Nitrosomonas europaea, eff. of corn steep liquor 5098

***metabolism***

nitrogen in Nitrosomonas europaea (Rus) 51926

## *NITROUS ACID see* NITRITES

NITROUS OXIDE
in measurement of renal circ. rate & oxygen consumption in dogs (It) 37408
37409
nitric oxide pois., silo-filler's dis. 27075
nitric oxide, rate of uptake by normal human erythrocytes & experimentally produced spherocytes 5107
*anesthesia and analgesia*
adjuvant 1, 1, 1-trifluoro-2-bromo-2-chlorethane in outpatient dent. extractions 48163
clin. evaluation, indic. & compl. (Rus) 43435
*determination*
simplified method for determ. in presence of other anesthetic agents (Ger) 41970
*effects*
on radiosensitivity of mouse Ehrlich ascites tumor 19701
on spontaneous salivary secretion in dogs (Rus) 13858
*metabolism*
Pseudomonas denitrificans prod. & utilization 50333
*related compounds*
nitric oxide determ. in air by reagent column technic 46678
*therapeutic use*
intestinal parasitic dis., comparison with ether-oxygen mixture & oxygen (Fr) 24298
NOCARDIA
paraguayensis, protoplasts 50344
*effect of drugs on*
isoniazid on Nocardia asteroides in vitro & in vivo (Fr) 47420
*metabolism*
oxidative metab. of nitrobenzoic acids & nitro-aromatic cpds. 5080
NOCARDIA INFECTIONS
morphol., clin. & soc. cultural aspects (Ger) 18315
*case reports*
(Fr) 22455
brasiliensis infect. causing mycetoma of foot (Sp) 21170
craniocerebral (Fr) 35057
in cholelithiasis (Por) 53854
pleuropulm. 15547
*in infant and child*
cutaneous granuloma, ther., sulfadiazine 43510
*therapy*
brasiliensis, diaminodiphenyl sulfone ther. (Sp) 8904
NOISE
*see also* SOUNDS
controlling exposure to indust. noise, standards & technics 12233
filtered, band-limited white noise, correlation with speech reception threshold 121
in machine compartments of modern ships (Fr) 54028
measurement in indust. 12230
military aspects, review (Ser) 10917
noise specifications, types 12242
relation to speech in psychoanalytic technic 4276
*effects*
EEG responses of newborn inf. to acoustic stimuli (It) 42777
impalpable pain responses to auditory irritants 40807
localized responses in auditory cortex to brief tones in high level noise in dog 35832
nonauditory eff. of high intensity sound stimulation on deaf human subjects 55895
on blood pressure, conditioned reflex behavior, hearing & vasc. reaction, in indust. & laboratory cond. (Rus) 33332
on blood pressure, pulse & EKG (Ger) 54320
on coronary circ. in dogs (Rus) 49536
on EEG & evoked potentials in rabbit 23350
on hearing, indust. aspects 12227
on normal & infected with influenza & encephalitis virus mice (Rus) 52967
on pupil, servomechanism of pupil unrest 19545
submicroscopic changes in Corti's organ in guinea pigs after short exposure to noise & after 24 hours, comparison (Ger) 20525
*injurious effects*
audiogenic seizures in mice, 24 hour periodicity & eff. of lighting 9570
deafness in engine-room personnel of ships caused by noise of engines (Fr) 13069
funct. & organic disord. & soc. hazards (Fr) 22458
hearing disord., expert testimony (Ger) 49035
49044
hearing disord., prev. in U. S. Army 6439
hearing loss in indust., incidence in controlled population 470
hearing loss, misconceptions & conservation of hearing 4493
tractor noise, on auditory sensitivity of operators 1187
traum. otitis & deafness in aviators, prev. (Fr, Dut) 46555
*prevention and control*
air flow noise reduction 46890
aviation noises (Rus) 10761
community noise control by aircraft manufacturer 12241
frequency analysis in railroad cars (Ger) 47664
in hosp. 41842
in indust. 12243
in indust., advantages & disadvantages of control measures 12239
in indust., by enclosure, snubbers & mufflers & substitution of quieter tools 46891
in operation of blower for wet hot-acid gases, construction of muffler 12237
in operation of pencil shaping machine, technic 12235
in operation of pneumatic hammer on plate with resilient support, technic 12236
in operation of pneumatic sample crusher, construction of enclosures & air exhaust mufflers 12238
in operation of punch press, technic 12234
in operation of tumbling barrel, technic 12240
in paper indust. (Rus) 39591
NOMENCLATURE
anat. eponyms, criticism 51124
anat. nomenclature of tracheobronchial tree 11722
chemotaxonomy, develop., review (Ger) 7958
dis. & causes of death, necessity for unification of Soviet & internat. terminol. (Rus) 3807
fever concept in med. terminol. 42171
genesis of med. eponym 14340
Hebrew med. terminol., prefixes & suffixes (Heb) 39822
Hebrew med. terminol., system (Heb) 39823
Internat. Statist. Classif. of Dis., Inj., & Causes of Death, use in Danish hosp. (Dan) 33402
lung neoplasms (Ger) 55653
med. jargon 20556
med. terms, current misspellings (Sw) 53718
of adult pulm. tuberc. based on code numbers (Hun) 10571
of Rh factors (It) 53690
recommendations for reforms made by Nomenclature Committee of Ministry of Health & of Labor in France (Fr) 48946
terminol. & definitions for patient centers 16252
WHO dis. classif., use in mission hosp. 4829
*NORADRENALIN see* ARTERENOL
*NOREPINEPHRINE see* ARTERENOL
NOSE
*see also* NASAL CAVITY
*abnormalities*
classif. for diag. & surg. indic. 6237
deform. of nasal tip, surg. indic. & technic 24681
double nose (Ger) 46157
dysmorphia frontonasalis (Cz) 14772
nasal lobule, surg. indic. 13280
naso-orbital deform. with cranio-meningocele, plastic reconstruction, case report 20391
saddle nose, surg. correction with prosth. (It) 29588
*anatomy and histology*
cartilages (Fr) 51392
*diseases*
(Sp) 3325
folliculitis naris perforans 42138
gigantism in acromegaly (Ger) 3953
manifested by nasal edema, etiol. & management (Sp) 21795
*effects*
on nature on higher tones of hearing in foundry workers, relation to pneumatization of mastoid process (Pol) 30308
*fractures*
endonasal fixation, new methods (Rus) 10767
surg., immediate, case reports (It) 25572
*hemorrhage see* EPISTAXIS
*neoplasms*
diag., evaluation of Csaba-Törö reaction (Hun) 39430
early diag. 28460
glomangioma, case report (Fr) 44679
glioma in newborn inf., surg. & histopathol. 17903
in Filipinos, statist. 7986
in nickel workers, statist. 26051
polymorphocellular sarcoma of vestible & angiolipoma of lobule (It) 1860
squamous cell carcinoma of skin of nose with metastasis to heart, case report 12685
tip of nose, case report 11742
*surgery*
corrective, value of preop. characterol. test (Fr) 31937
plastic (Cz) 23653
plastic correction of deviation of antero-inferior cartilage (It) 42759
plastic, for correction of nasal apex, case report (Hun) 3653
plastic, management & prev. of compl. (Fr) 1025
plastic, of traum. & morphol. deviations, indic. & technics (Fr) 32027
plastic, problems of skin & subcutaneous tissues 5204
plastic reconstruction, cosmetic aspects 52697
plastic, retrograde intramucosal hump removal, technic 117
plastic surg. after repair of bilateral clefts of lips & palate (Ger) 34189
plastic surg., comparison of past & present technics 11718
plastic surg., evaluation of implants & grafts 49388
plastic surg., postop. compl., case report 3534
plastic, technics 113
6336
6338
plastic, technics for lowering the radix & narrowing the bony dorsum 20395
plastic, with orthopedic septo-columellar suture 18484
postop. pain, ther. (It) 52115
post-rhinoplasty nasal clamp, new type combined with eyeglasses 20395
rhinoplasty, cylindrical brachial flap technic (Fr) 14391
rhinoplasty, cylindrical flap technic (Fr) 14357
rhinoplasty, Filatov's flap in Khitrov's modification (Bul) 28699
rhinoplasty, hazards & their prev. 15738
15746
rhinoplasty, hist. in Italy since 15th century (It) 14522
rhinoplasty, homogenous bone & cartilage grafts 49396
rhinoplasty, management 43166
rhinoplasty, postop. control & reduction of ecchymosis with adrenochrome semicarbazone-sodium salicylate prep. 24670
rhinoplasty, prev. of compl. 35304
rhinoplasty, technic to reduce height of excessively forward projecting nasal tip 11736
*wounds and injuries*
caused by automobile accid. (It) 9283
gunshot wds. in soldiers, ther. (Rus) 45719
in child., classif. & management 45088
*NOVOBIOCIN see* ANTIBIOTICS
*NOVOCAINE see* PROCAINE
NUCLEAR PHYSICS
*see also* ATOMIC ENERGY
*see also* NEUTRONS
atomic theory from Anaxagoras to modern science (Ger) 4059
betatron detector (Rus) 55250
biol. application of principles (Cz) 48617
design & management of nuclear science laboratory for teaching nuclear physics & radiochem. 7170
distribution of nuclear-active particles & $\pi$-mesons 52313
exper. physics of dosimetry 23337
low-power med. reactor, prod. & med. applications of short-half-life radioisotopes 53726
low-power nuclear med. reactors, phys. factors 53724
med. problems of nuclear age 51550
nuclear med. reactor, AGN-201-M reactor thermal column 53727
nuclear med. reactor installed at National Naval Med. Center, Bethesda, Md. 53723
nuclear reactions (Fr) 48939
radiation protection in research, review 36333
study in undergraduate med. curriculum 55412
theoretical physics of dosimetry 23336
NUCLEASES
*see also* DESOXYRIBONUCLEASE
*see also* RIBONUCLEASE
review 1268
NUCLEIC ACIDS
*see also* DESOXYRIBONUCLEIC ACID
*see also* NUCLEOSIDES AND NUCLEOTIDES
*see also* RIBONUCLEIC ACID
acid solubility, promotion by polypeptide substance from human leukemic urine 2094
as carriers of viral activity, review 8333
hyperchromicity 42955
metachromasia (Ger) 11266
nucleoprotamines as carriers of hered. traits (Ger) 29792
of tobacco mosaic virus, prod. of mutations in virus by chem. treatment of component nucleic acids in vitro (Ger) 34400
pentosenucleic & desoxypentosenucleic acids, partial chromatographic separation 54415
photochem. (Pol) 30892
photochem., review 43693
polyinosinic acid, molecular structure 13749


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

quantitative infrared absorp. spectra of nucleosides, nucleotides, polynucleotides & polynucleotide interactions in heavy water 37096

structural realtionship between nucleic acid & protein in DNK-α-chymotrypsin & natural nucleoprotein (Rus) 47979

***determination***

in human leukocytes & liver homogenates (Ger) 27845

in tissue cultures, rapid dissolution method for suitable cells 1369

microbiol. assay of nucleic acids & their deriv., review 6751

quantitative determ., review 6750

separation of acids variously bound with proteins in animal tissue (Rus) 37130

spectrophotometric determ. of total acids (Rus) 37129

staining by gallocyanin-chromalum-lake technic 17906

***effects***

high-nucleic acid high-protein diet on incidence of N-2-fluorenyl-acetamide-induced tumors in rats 31309

on in vitro concentrations of tobacco mosaic virus in tobacco in in vitro cultures (Fr) 38697

sulfhydryl cpds. of nucleic acids & deriv., protective eff. against action of mechlorethamine-N-oxide on blood & liver (Fr) 48934

***in blood***

leukocytal, in healthy & leukemic subjects (Rus) 13853

***metabolism***

actions of tobacco leaf ribonuclease on polycytidylic & polyuridylic acids 47957

Agrobacterium tumefaciens, participation of nucleic acids in germ-free extract in aseptic induction of crowngall in Datura plants (Fr) 47405

algae 19646

bones, in animals (Fr) 26881

Brucella abortus, comparison with amino acid composition 5188

changes in content in organs of young rats during arrested growth 315

changes in content in rats during postembryonal develop. 39259

composition & content in brain of mice with exper. Japanese B encephalitis & tick-borne encephalitis 24210

concentration variations during develop. of early chick embryos 46700

depolymerization in normal & tumor tissues (Rus) 37145

E. coli, eff. of aging of culture (Rus) 19098

E. coli, eff. of composition of medium on prod. (Sp) 29539

E. coli, eff. of streptomycin 1374

eff. of 2-amino-6-mercaptopurine on biosynthesis of nucleic acid purines in vivo & in vitro 38090

eff. of 4-aminopteroyl amino adipic acid with dopane (Rus) 55299

eff. of cortisone & epinephrine (Rus) 37215

eff. of total body x-irradiation in rats (Rus) 51773

eff. of x-ray lethal irradiation in rats (Rus) 6637

enzymol., review 1268

form. of complexes between polynucleotides & acridine orange in inhib. & activation of polynucleotide phosphorylase 7127

formate incorporation into tissue nucleic acids of rats with exper. hepatoma 14624

hepatoma tumor tissue content in rats (Fr) 21286

hydrolysis of leukocytic nucleic acids by prolonged treatment with alkaline lead acetate (Fr) 24903

in Azotobacter agilis, eff. of chloramphenicol 4709

in HeLa cells infected with equine abortion virus 44153

in spleen of x-irradiated mice, eff. of purified vaccine lymph, relation to radiation protective action 55430

in tissues of leukemia bearing AkR mice (Fr) 32195

in x-irradiated squamous carcinoma cells in oral smears 35653

incorporation of glycine in normal & malignant lymphocytes, eff. of steroids & metab. inhibitors 28260

incorporation of 4,6-radiocarbon-labeled adenine in various mouse tissues 3453

incorporation of radiophosphorus into nucleic acids of human bone marrow in vitro (R) 6949

infectious nucleic acid from tobacco mosaic virus, electrochromatography 45827

iron content of infectious nucleic acids of tobacco mosaic virus prep. 40500

Lactobacillus arabinosus, degradation of intracellular nucleic acid & leakage of fragments 13785

liver desoxyribonucleic & ribonucleic acids in exper. fatty liver, eff. of thyroxin & vitamin B12 in rats on steatogenous diet (R) 37319

liver, eff. on exper. ascites hepatoma in rats (Fr) 15148

liver, in DAB-induced cancer in rats (Ger) 34168

liver, in subacute plutonium pois. in dogs (Rus) 33561

liver level, eff. of orotic acid in rats (It) 35533

metab. stability in cultures of pure strains of mammalian cells 1647

metabolic isotope transfer from soluble nucleic acids to microsomal nucleoprotein in cell-free rat liver system 3515

nerves, eff. of electric stimulation on phosphorus turnover in isolated frog sciatic nerves 5493

neuraxis in mammals, radioautography of turnover 40594

ova of frog, composition & metab. activity, comparison with frog liver 27406

pancreas, radioautographic study with tritium-labeled cytidine & thymidine 51314

pattern of in vitro metab. in animal cells 1679

prostate composition in rats, eff. of castration & androgen replacement 3412

Proteus vulgaris, normal & drug-inhibited strains (Ger) 25309

radioautographic study 51304

relation to protein synthesis, radioautographic study 51306

Ryan strain of filamentous influenza virus 5083

skin, eff. of protein defic. (Fr) 26882

spleen tumor tissue intake, eff. of sarcolysin in rats (Rus) 55297

synthesis in penicillin-treated Alcaligenes faecalis 40456

syntnesis in Saccharomyces carlsbergensis, eff. of actidione & fungicides 40841

synthesis in ultraviolet-irradiated Bacillus cereus 40457

thyroid gland content, relation to thyroid structure & funct. in guinea pigs 49254

tobacco mosaic virus 45833

tobacco mosaic virus, eff. of phosphodiesterase from Micrococcus pyogenes aureus 29815

tobacco mosaic virus, spectrophotometry (Ger) 25319

utilization by fungus Phycomyces blakesleeanus (Ger) 25330

***physiology***

role in induction of crown-gall tumors in plants 39256

## NUCLEOPROTEINS

***see also*** NUCLEIC ACIDS

osterm. of thymine & uridine content in small samples of nucleic acid-protein residues 25421

nucleoprotamines in various trout species, amino acid content (Ger) 27896

of pea seedling microsomes, structure & properties 47948

role in graft rejection 44143

separation from animal tissue (Rus) 37130

structural relationship between nucleic acid & protein in DNK-α-chymotrypsin & natural nucleoprotein (Rus) 47979

***determination***

desoxyribonucleoproteins, determ. of serol. activity in stomach cancer by sorption on cotton fabric (Rus) 48017

desoxyribonucleoprotein in BCG strain of M. tuberc. bovis 13758

desoxyribonucleoprotein in human & bovine spermatozoa, quantitative determ. by microspectrophotometry & interference microscopy (Ger) 49913

ribonucleoproteins in microsomal & mitochondrial fractions of pigeon pancreas 24035

***effects***

cancer nucleoprotein extracts on metab. in rats, histopathol. response to liver regen. (Sp) 18818

cancer nucleoprotein extracts on metab. in rats, transm. of metab. changes to offspring (Sp) 18816

metabolic-stimulating eff. of tumor tissue nucleoproteins in normal animals (Sp) 6569

***in blood***

nucleohistone-globulin reaction in disseminating lupus erythematosus, determ. by fluorescent antibody 22913

***metabolism***

antibodies & gamma globulin in baby rabbits after transfer of ribonucleoprotein from adult rabbits 52386

cell nuclei (Rus) 37135

desoxyribonucleioprotein from sea urchin sperms, interaction with calcium or magnesium ions 3503

desoxyribonucleoproteins in brain of schizophrenics, antigen-antibody reactions 39368

desoxyribonucleoproteins in exper. sarcoma 45, eff. of cytotoxic drugs on structural viscosity (Rus) 33576

in x-irradiated squamous carcinoma cells in oral smears 35653

labeling with radiocarbon-labeled lysine in tissues of tumor-bearing rats 2695

liver, amino acid incorporating system in rat liver microsomes 4760

liver, eff. of inorganic pyrophosphate on amino acid incorporating system in rat liver microsomes 4761

localization of nucleus-specific protein as shown by transpl. exper. in Amoeba proteus 39295

lymphocytes & plasmacytes in nucleoprotein metab. 35033A

metabolic isotope transfer from soluble nucleic acids to microsomal nucleoprotein in cell-free rat liver system 3515

nucleoprotamine form. during spermiogenesis in river trout (Ger) 27910

plants (Rus) 1729

ribonucleoprotein incorporation of amino acids, relation to protein synthesis & eff. of somatotropin 28258

ribonucleoprotein particles in E. coli 19512

ribonucleoproteins in rat liver cytoplasm, biol. factors 40592

ribonucleoproteins in Walker carcinoma cells, eff. of single local x-irradiation, photometry (Ger) 9990

tumors & other tissues, review 38078

## NUCLEOSIDES AND NUCLEOTIDES

***see also*** ADENOSINE

***see also*** ADENYLPYROPHOSPHATE

***see also*** COENZYMES

adenosinediphosphate, chem. eff. of x-irradiation 8529

adenylic acid-amino acid mixed anhydrides, prep. & properties 1372

adenylic acid-bound peptides in Streptococcus faecalis, isolation & characterization 37124

adenylic acid, 3' or 5'-phospho-, as intermediate in ACTH-stimulation of phosphorylases of beef adrenal cortex slices 28273

coenzyme activity & structure, review (Fr) 26334

degradation by hot alkali 2544

5'-desoxyuridylic acid, analysis of products formed on enzymatic or acid hydrolysis (It) 1922

5'-desoxyuridylic acid, ultraviolet spectral characteristics (It) 1923

imidazoleacetic acid riboside, confirmation of structure by chem. synthesis 13833

interactions of nucleotides with cytochrome reductase 4781

luciferyl-adenylate & oxyluciferyl-adenylate, chem. synthesis & properties 40517

palmityl adenylate synthesis & properties 1672

photochem., review 43883

pyridine nucleotides, fluorescence study on intramitochondrial binding of reduced nucleotides 4778

thymidine-3H in labelling of mouse spermatozoa 3514

thymidine, tritiated in radioautographic study of neutrophilic granulocyte develop. in dogs 20750

zinc complexes, synthesis & properties (Ger) 49922

***antagonists***

6-aminonicotinamide of pyridine nucleotides 16924

***determination***

adenine nucleotides in tissue extracts (Ger) 34024

adenosinediphosphate, chromatographic separation & spectrophotometric determ. in animal tissues (It) 53823

cytidine-5-monophosphate in Phaseolus aureus seed extracts (Fr) 48910

in acid-soluble fraction of animal tissues & cell nuclei 1379

in Phaseolus aureus seed extracts (Fr) 40919

microspectrophotometric demonstration of site of diffusible nucleotide in fixed tissue, comparison of frozen & dried tissue 28389

nucleoside triphosphate content of cells during division cycle in synchronously dividing mass cultures of Tetrahymena pyriformis 1715

nucleotides in brain of rats, separation & identification (Ger) 29884

quantitative infrared absorp. spectra of nucleosides, nucleotides, polynucleotides & polynucleotide interactions in heavy water 37096

uridine in small samples of nucleic acid-protein residues 25421

***effects***

adenosine-5-monophosphate on stability of mixtures of vitamin B1 & B12 (It) 49400

adenylic acid & acetylcholine mixtures in attempt on induction of cardiac arrest in open heart surg. in hypothermia by inject. in coronary arteries in dogs (Ger) 46568

adenylic acid, on cerebral circ. in cats (Ger) 41734

6-dimethylaminopurine-3-amino-d-ribose in induction of nephrosis in rats, electron microscopy 40817

6-dimethylaminopurine-3-amino-d-ribose on adenylpyrophosphate form. in yeast 20746

guanosine triphosphate activation of enzyme systems of fatty acid oxidation in guinea pig liver (It) 49362

guanylic acid deriv. on musc. work capacity, adrenal & heart hypertrophy in rats (Hun) 41625

inosine on erythrocyte metab. in preserved blood 26411

inosine on erythrocyte preserv. 17057

inosine on metab. behavior of erythrocytes during preserv. of blood in cold 48448

inosine on osmotic resist. of rabbit erythrocytes in relation to their age 4859

on purine incorporation of formate in Ehrlich ascites tumor cells 28267

on purine synthesis in Ehrlich ascites tumor cells in vitro 34844

pyridine nucleotides, on liver metab. of nicotinamide 9588

reduced diphosphorydine nucleotide activation of thiophosphates 52401

ribonucleotide inhib. of anti-Rh & anti-Lutheran sera 55346

ribosides on isolated strip of frog ventricle, positive inotropic eff. 14998

*in blood*

acid-soluble erythrocyte nucleotides in rat (Fr) 26944

acid-soluble nucleotides in metamorphosing salmon 29869

adenylic acid system in heart dis. (Ger) 41736

adenylic acid system of erythrocytes in hyperthyroidism (Ger) 41735

pyridine nucleotides, eff. of tryptophan defic. in low-nicotinic acid diet 50967

*in urine*

desoxycytidine as evidence of metab. eff. of radiations 19492

*metabolism*

acyladenylic acid form., eff. of phenylethyl-acetic acid (It) 1960

adenosine nucleotides, dependence of oxidative phosphorylation in liver mitochondria on mitochondrial nucleotide concentration (Ger) 25901

adenosine phosphates in frog striated musc., radioautographic localization 51111

adenosine phosphate levels during liver synthesis of coenzyme I (It) 1939

adenosine-3'-phosphate-5'-phosphosulfate biosynthesis by two enzyme systems in yeasts 4767

adenosine-5'-phosphosulfate biosynthesis in yeast, enzymic mechanism 4768

adenosinediphosphate activity of Coxiella burnetti 5186

adenosinediphosphate, anomaly in erythrocytes of schizophrenics 26986

adenosinediphosphate exchange with ATP in oxidative phosphorylation reactions in mitochondria 40528

adenylic acid incorporation into 2 soluble ribonucleic acid fractions of rat liver 47962

adenylosuccinic acid biosynthesis, equilibrium & mechanisms 1671

amination of uridine nucleotides to cytidine nucleotides by soluble mammalian enzymes, requirements for glutamine & guanosine nucleotides 13818

amino acyl adenylates, conversion to ATP by yeast enzyme system 4752

biosynthesis of plant glycosides from uridine diphosphate glucose 29867

brain, eff. of glutamate & potassium on phosphorus incorporation into nucleotides in brain slices 24036

cytidine triphosphate dependence of amino acid binding to soluble ribonucleic acid 1714

desoxyuridylic acid conversion to thymidylic acid by soluble extract from rat thymus 47693

desoxycytidylic acid, enzymatic phosphorylation by extracts of Azotobacter vinelandii 40518

desoxycytidine diphosphate choline & ethanolamine in Novikoff hepatoma in rats, microbiol. assay with Lactobacillus acidophilus 16922

5'-desoxycytidylic acid deamination to 5'-desoxyuridylic acid by enzyme from sea urchin Paracentrotus lividus 1713

5'-desoxyuridylic acid, enzymatic synthesis (It) 1921

free nucleotide content of brain in rats during generalized convulsions (Ger) 43003

α-hydroxysteroid dehydrogenase as catalyst for transhydrogenation of pyridine nucleotides 13833

in acid soluble fraction of unfertilized egg of Drosophila melanogaster, eff. of Y chromosome 3490

inosine form. from ATP breakdown in regressing tumor homogenates 1341

inosinic-adenylic pyrophosphate synthesis by inosinicase 47973

Micrococcus lysodeikticus, determ. of free nucleotide content during stationary phase (Fr) 26294

mononucleotides, acid soluble, in rat diaphragm, eff. of incubation under aerobic & anaerobic cond. & addition of 2, 4-dinitrophenol 320

mononucleotides, enzymic conversion by rat diaphragm in vitro 321

myocardium 52412

nucleoside triphosphates as precursors of ribonucleic acid end groups in Ehrlich ascites tumor cells 16923

nucleotide phosphorus levels after nicotinamide-induction of coenzyme I synthesis in rat liver (Fr) 26326

nucleotide utilization in ribonucleic acid synthesis in rat liver, eff. of exper. protein defic. (Fr) 37834

orotidine-5'-phosphate & uridine-5'-phosphate synthesis from E. coli B cultures 19640

pyrimidine nucleotide digestion & absorp. by small intestine in vitro 40519

ribonucleotides in liver tumor tissue in rats 26003

ribonucleotide incorporation of orotic acid in exper. liver tumors in rats 26004

ribosyl transfer between ribose nucleotides in rat 42967

pyridine nucleotide biosynthesis in solid Ehrlich carcinoma (It) 1984

pyridine nucleotides in rat liver mitochondria 19488

Saccharomyces cerevisiae during growth & fermentation 42984

Saccharomyces cerevisiae, incorporation rate of phosphorus into nucleotides 35481

Saccharomyces cerevisiae, incorporation rate of phosphorus into nucleotides, eff. of glycolytic inhibitors 35482

Saccharomyces cerevisiae, incorporation rate of phosphorus into nucleotides, eff. of inhibitors of oxidative phosphorylation 35483

thiouridylic acid form. & relation to growth in E. coli 1399

thymidine incorporation in cytoplasm of Amoeba proteus 40602

thymidine incorporation in ovaries of Gryllidae, study by radiotritium labelling (Fr) 3516

thymidine utilization during chromosomal reprod., eff. of colchicine 7221

thymidylic acid form. from 5-methyl-5'-desoxycytidylic acid (It) 13970

transfer of pyruvate to uridine diphosphate N-acetylglucosamine by bact. enzyme system 47963

tritium-labeled cytidine & thymidine in study of nucleic acid metab. of pancreatic cells, radioautography 51314

tritium-labeled cytidine in study of ribonucleic acid metab., radioautography 51313

tritium-labeled thymidine in radioautographic studies on chromosomes, eff. of tritium on interpretation of results 51311

tritium-labeled thymidine in study of desoxyribonucleic acid synthesis & cell turnover in hemopoietic tissues, radioautography 51309

tritium-labeled thymidine in study of renewal of cell populations, radioautography 51312

uridine diphosphate galacturonic & glucuronic acids, biosynthesis by pyrophosphorylases in mung bean seedlings 47707

uridine diphosphate glucose, enzymatic synthesis & degradation mechanisms (Fr) 26308

uridine diphosphogalactose, metab., enzymol. & biol. review 35555

uridine phosphates, role with coenzyme II in glycogen synthesis in rat diaphragm 37125

yeast Torulopsis utilis, soluble nucleotides & nucleotide-amino acid cpds. 52332

*preparation of*

adenosine phosphonate deriv. 40382

amino acyl adenylates 4753

*therapeutic use*

adenylic acid in ankylosing spondylitis deformans (Ger) 45403

adenylic acid in cardiac insuff., with strophanthin (Ger) 42360

thymidine in megaloblastic & pernicious anemias, limited ther. value 18438

*NUCLEOTIDASE see* PHOSPHATASES

*NUCLEOTIDES see* NUCLEOSIDES AND NUCLEOTIDES

NUMISMATICS

med. in numismatics (Rus) 9933

*NUPERCAINE see* ANESTHETICS, LOCAL

NURSING CARE

*see also* INFANT CARE

*see also* PUBLIC HEALTH NURSING

circular nursing division in hosp. planning 19295

civil defense aspects 6770

home & hosp. nursing care, comparative value 6560

Home Care Plan of Reddy Memorial Hosp., Montreal 2646

home care programs in U. S. 13677

home care, relation to GP 8127

home patient serv. in chronic dis. 20896

hosp. intensive care unit, description 40012

in pediatrics 24482

in small college health departments 45278

individualization of patient care & freeing nurses from paper work 52156

inexpensive plaster manikin train. aid 6511

intensive care unit 16170

52788

nurse-patient relations 52795

nurse's interview with patients in state ment. hosp., methods & soc. factors in communication 40387

nurses' role in emergency obst. care in major disaster 52780

nursing serv. in national health program 14592

of difficult, complaining & distressed patients 42850

of emotionally disturbed child. 7538

on-call nurses for recovery unit 52817

organiz. in mass casualties 19990

postop. in nephrectomy 619

postop. in nephrectomy & nephrostomy 618

psychiatric, cooperation between nurses & psychiatrists 51902

serv. as administrative problem 16180

serv., nursing staff study 616

special unit for critically ill 4110

train. courses for nursing home staffs in Michigan 8450

*NURSING HOMES see* SANATORIA

NURSING PROFESSION

*see also* PUBLIC HEALTH NURSING

aircraft stewardness-nurse 24489

ANA-NLN film serv. 12367

Canadian Nurses' Assoc., auxiliary serv. to Red Cross 14715

central serv. supervision 4080

church nurse in hosp., funct. 26439

contribution of Mary A. Nutting 12364

cooperation with med. 28350

diabetic applicants, problems 19990

educ. changes, funct. & shortage of nurses 52795

Girl Scout hosp. aide program 27936

graduate nurse shortage in U. S. 41161

growth & changes with soc. changes 2651

hosp., counseling technics 624

hosp. nursing serv. department, organiz. 16213

hosp. nursing serv., hosp. administrator's viewpoint 16194

hosp. nursing supervisor, necessary characteristics & problems in selection 40019

hosp., turnover among staff nurses 7525

hosp., value of employment contract 622

hosp. volunteer groups, organiz. & utilization 19148

hosp. volunteer teams providing escort serv. for patients 40023

importance of communication between patients & nurses 19151

importance of total-patient care in hosp. 16210

in Canada 14716

14726

in Canada, relation to National Health Program 2650

in Denmark, comparative wage levels & possibilities for advancement (Dan) 33390

in Holland (Dut) 11525

in Russia 7542


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

intergroup relations 34485
International Council of Nurses 2648
liability, changing patterns 4093
liability of surgeon for mistakes of nurse assistant, expert testimony (Ger) 29018
living quarters for hosp. nurses in France (Fr) 54846
maternity clinic nursing 52792
military med. technicians in civilian nursing 7541
military women-nurses (Ser) 10918
National League for Nursing Council on Practical Nursing 19985
newly graduated nurse, employment patterns 16243
nurse administrator in educ. & serv. 52783
nurse's aides, train. & duties 52157
nurse-anesthetist, liability 16178
nurse-anesthetist, useful legal hints 16212
nurse as administrator after previous assoc. with school of nursing 26441
nurse as group psychotherapist 24483
nurses' home of Duinenbosch Provincial Hosp. at Bakkum (Dut) 23276
nurses on jury serv. 12370
nurse-patient relations 52821
12368
nurses responsibilities in supervision, counselling & teaching new parents 14724
nurses retired from professional activity 52786
nurses' role in patient educ. 19999
nurses' role in parent educ. in prenatal care 52782
nurses' role in suicide prev. 7520
nursing serv. admin., principles 46061
nursing staff communications 49966
nursing supervisor's functions 49958
occup. health nurses, radiation hazards 12366
present status of the nurse 42032
private nurses' registry, financing 620
professional nursing, distinctive funct. 19287
psychiatric aides, evaluation 19994
19996
psychiatric nursing serv., review 47160
psychiatric nursing, consultation serv. 7530
radiation hazards for nurses 19992
research in a local health department 20004
retirement income plan 12373
retirement plan in Canada 14717
role of nurses in civil defense 40335
role of nurse in early diag. of cancer 14728
shortage & possible solutions 48944
shortage in Kansas, reasons & solutions 41019
staff orientation 12377
standardizing nursing serv. 42063
student nurse sickness rates, relation to size of hosp. 2118
tuberc. in student nurses in Switz. (Ger) 44945
uniform fabrics 615
world problems 2649

***diseases***

drug addict. 15933

***education***

(Dut) 39549
accredited basic nursing programs, comparative study 20007
associate in arts program, role of nursing serv. director 52796
basic collegiate program in So. Africa 621
clin. train. course for graduate nurses 7550
correlation of train. & actual position 7015
current train. programs 16550
curriculum planning for motivation of students 19984
dignity & high standards of nursing school directors 2647
diploma program, criticism 19995
educ. & train. of nurses & nurse-maids of inf. & small child. (Ger) 42866
educ. programs for exchange visitors 24479
estimate of nurses with college degrees 52787
evaluation of schools, pilot project 2586
graduate educ. 7527
guidance & counseling in nursing schools 7555
Hôpital Ste-Justine nursing school, Montreal 2528
hosp. administrator's responsibility & obligation 49956
hosp. inserv. nursing aid & orderly train. program 16358
hosp. juniorate program for Catholic sisters 16196
hospital-sponsored diploma schools of nursing 16246
in care of cancer patient 14730
in Denmark, changes (Dut) 46359
in Italy, new home of nursing school at Merano (Fr) 54843
in U. S. Army, enlisted nursing personnel in serv. train. program at West Point 6517
inserv. prep. of hosp. staff for disaster nursing 19993
Institute of Research & Serv. in Nursing Educ., Teachers College, Columbia Univ. 20008
instructor's role in teaching process 7521
internat. levels & curricula (Dut) 34832
maternity nursing, progr. 52813
modern train. methods (Dut) 46356
need for intellect & humaneness in educ. 24486
need for liberal educ. 20009
nurse aide train. program in hosp. 40005
nursing arts, methods of teaching 7539
nursing records of patient's day as teaching tool 52806
nursing school, selection of dean 52793
nutrition train. program for student nurses 19969
patient-centered teaching 52790
pediatric nursing curriculum 16316
practical nursing programs in 1957 7532
prenursing chem. 7540
psychiatric hosp. program for aiding psychiatric aides to become professional nurses 7551
psychol. courses in med. & surg. nursing curricula 40017
questionnaire for follow-up survey of activities of nursing school graduates 52807
religion courses in professional nursing schools 16219
religious instruction in Catholic hosp. 16182
residency program in psychiatric nursing 7552
selection of students 52803
selection of students, methods 52818
State Board Exam., interpretation of scores 52791
student nurses, attitudes toward patient contact & preferences for four nursing specialties 20010
teaching, improvement 52819
trends 54283

***history***

(Ger) 15341

***statistics***

5253

NUTRITION

***see also*** DIETS

***see also*** FOOD

***see also*** INFANT NUTRITION

***see also*** INFUSIONS, PARENTERAL

43730
adequate & faulty nutrition in modern times (Ger) 55407
adequate nutrition program in prev. of endemic dis. in Brazil (Por) 13607
caloric intake, metab. adaptation in rats (Cs) 48636
caloric intake, relation to nitrogen balance, review 7571
calorimetry, review 34888
classical versus dynamic theories (Ger) 38995
contribution of basic sciences (Fr) 24873
current revisions in recommended dietary allowances proposed by Food & Nutrition Board of National Research Council 4423
dietary habits of men of different origin & occup. in Israel, eff. on blood cholesterol & lipids in healthy & coronary arteriosclerotic men 13153
dietary requirements for aged 51589
dietetics of exertion (Fr) 178
179
eff. of secretory funct. of stomach on nutrition in dog 37653
efficiency of food utilization of rats on protein-free, amino acid-containing diets & eff. of dietary supplementation 49375
food selectivity of rats exposed to physical exercise (Cz) 48639
group discussion on changing food habits 16553
in Bantu, biochem., review 7561
in countries bordering Mediterranean sea (Tur) 45450
in Czech. (Cs) 14896
in Czech. (Rus) 22678
in India, survey among low-income pregn. & lactating women 4183
in India, survey in Delhi 40084
in Indonesia (Dut) 7285
in phys. med. & rehabil. programs 1475
in Russia & satellites, conf. (Rus) 33467
in Spain, national survey (Sp) 47302
in Switz., elevated status (Ger) 40194
in Switz., in aged (Ger) 40193
influence of nutrition teaching on adolescents' eating habits 16558
influence of reproductive cycle on nutritional status & requirements, AMA council report 28160
livestock nutrition in Nigeria, problems 30233
mineral defic. in Amer. diet 49377
modern institutions for nutrition research (Sp) 15473
multiple vitamin-mineral prep. with essential food components (Ger) 19015
non-energetic powers of nutrition, review 30488
nutrition chem., problems (Ger) 52168
nutrition in space flight 40241
nutrition problems of prosperity 50234
nutritional aspects of normal growth & develop. (Sp) 48090
nutritional factors in gonadal funct., review 55287
nutritional factors in obesity 14034
nutritional requirements (Ger) 15349
nutritional requirements, eff. of climate, methods & indexes for assessment of climate 8274
nutritional requirements, eff. of heat stress 8276
nutritional requirements for preponderant ment. activity (Ger) 15324
nutritional requirements of cats 50292
nutritional requirements of farm animals, eff. of cold 8279
nutritional requirements of men working in temperate, hot & cold climate 8277
nutritional science & practical dietetics 9786
nutritional state of mother prior to conception, AMA council report 16650
nutritional status of population in rural India 27972
nutritional supplements (Fr) 54477
nutritional value of school meals (Ger) 38930
nutritional value of synthetic diet sterilized by gamma rays, as measured by reprod. & life span of rats 5550
nutritive activity of antibiotics 24388
nutritive value of noon meal of nursery school child. 16559
of aged (Fr) 9052
of aged & handicapped in Columbus, Ohio, program of home-delivered meals 50159
of aged, home-delivered meal program of Visiting Nurse Serv. of Rochester, N. Y. 50160
of aged, proper nutrition 16560
of aged, relation to maintenance of bact. intestinal flora (Bul) 16432
of animals, relation to human health problems (Fr) 6380
of captive wild animals at zool. parks (Ger) 40196
of child., calculation of requirements on basis of body surface 5729
of child, in Brazil (Por) 21073
of child. in tropical & subtropical countries (Fr) 24204
of child. in tropics 27683
of French workers (Fr) 13470
of mothers & child. in Iraq (Fr) 36186
of New Mexican school child. 16556
of Papuan child. (Dut) 36185
of school child. in So. Amer., funct. of pub. schools in improvements (Sp) 8024

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

of surg. patients, dietetic aspects (It) 42604

of tractor operators during field work (Rus) 33638

of young child. (Sp) 6195

problems of proper nutrition for child. in rural Uruguay (Sp) 47836

protein, fat & carbohydrate content of meals of metal indust. workers of Paris (Fr) 47761

recommended dietary allowances established by Food & Nutrition Board of National Research Council, origins 4422

relation of energy expenditure to regulation of food intake, gastrointestinal mechanisms 519

relation to health (Por) 21020

renal aspects, review 12349

report of joint Food & Agriculture Organiz./WHO Expert Committee on Nutrition 33876

research & train. in nutrition, needs & recommendations 15757

research progr. 50152

review 18698

review (Rus) 22691

survey of nutritional status of child. of Tlalitzapan, Mexico direct & indirect methods, comparative results (Sp) 48082

Swiss table of nutritive values for foods (Ger) 40192

thermochem. efficiency of growth, definition, review 7567

vegetarians, dietary levels of fiber 24373

WHO problems (Rus) 33508

***education***

program for student nurses 19989

train. in med. schools of U.S., survey 17707

***effects***

eff. of maintenance on survival rations on fitness, perception & personality 776

maternal nutrition on fetus, AMA council report 16667

on behavior, review 7556

on health (Ger) 23854

on hookworm infect. & schistosomiasis 2467

on lactation (Rus) 7937

on problems of aging, exper. studies 15998

***in various diseases***

abnorm., congen., etiol. role of nutrition in 1st trimester of pregn. 30385

acute renal failure, caloric intake 14541

in etiol. of dental caries, review 39961 (Ger)

nutritional factors in coronary arteriosclerosis, review 55289

nutritional factors in coronary dis., inter-racial factors in So. Africa 9830

nutritional factors in develop. of arteriosclerosis (Sp) 39447

nutritional factors in etiol. of liver cirrhosis in Moroccans (Fr) 18625

nutritional factors in pathogen. of parasitic dis. in man & animals, review 55286

nutritional response of burns in child. 51129

nutritional status in Belgium, relation to epidemiol. of tuberc. (Fr) 25489

preop. nutritional ther. 22017

relation to dysproteinemia in Africans (Fr) 42038

relation to pathogen. of cancer (Ger) 45268

variation of soluble proteins in feces in chronic nutrition disord. 7908

## NUTRITION DISORDERS

*see also* ASTHENIA

*see also* DEFICIENCY DISEASES

*see also* DIARRHEA

*see also* GASTROINTESTINAL DISEASES

*see also* INFANT NUTRITION DISORDERS

*see also* OBESITY

*see also* STARVATION

caloric-nitrogen demutrition (Fr) 37904

defic. in patients admitted to ment. hosp. 48502

dyspepsia & hypotrophy ther., pentaerythritol (Fr) 49749

dystrophy in recently returned German POW's (Ger) 29414

in rural population, diag., prev. & ther. 50883

malnutrition in Africa, etiol. & prev. 6557

malnutrition, relation to pathogen. of dis. in tropical countries 36187

***case reports***

fatal inanition in disord. of gastric motility caused by skeletal polymyositis or progr. musc. dystrophy 49724

***complications***

brain atrophy, with dystrophy, pathogen. (Ger) 7373

liver cirrhosis as late seq. of dystrophy (Ger) 365

malnutrition, causing hepatic & pancreatic dis. (It) 32089

***diagnosis***

fecal exam. 12581

***etiology and pathogenesis***

amino acid imbalance 24369

***experimental***

eff. on tensile strength of sutured wds. in rats 22019

malnutrition, caloric, eff. on factors of continuous growth & calcification of rat incisors (It) 37150

***in aged***

ther., pentaerythritol (Fr) 45032

***in infant and child***

blood protein levels 16313

chronic, reactivity determ. in evaluation of pathol. processes (Rus) 7906

dietary management (Sp) 13898

dystrophy (Por) 50080

malnutrition in tropical countries, diag. by modified arm-chest-hip index (Ger) 34330A

physiopathol. (Sp) 8827

protein malnutrition, biochem. factors 16318

school programs for prev. & control of malnutrition in Span. school child. (Sp) 31105

ther., deodorized fish flour (Sp, English) 13897

ther., molybednum-vitamin B12-vitamin T prep. (Sp) 21143

with giardiasis, diag. value of graded duodenal intubation (Fr) 24297

***manifestations***

perivisceritis of right hypochondrium, x-ray manifest. (Ger) 31618

skin dis. (Sp) 3683

***metabolism***

fluid excretion in malabsorp. states 6146

***pathology***

symmetrical pontine myelinolysis 46444

***statistics***

in Uganda 51334

***therapy***

human serum albumin solutions, value in malnutrition (Fr) 47325

progr. (Fr) 41119

vitamin B7 complex in disord. in child. (Fr) 32915

## NUTS

cashew nut dermatitis 7450

glycosides in edible nuts, goitrogenic action on rats 28577

peanut inositol phosphatide, structural analysis (Fr) 26340

peanut meal growth-promoting eff. in rats, influence of bound gossypol 41233

peanut oil, hydrogenated, in diet of chicks, eff. on cholesterol & polyenoic 319

peanut proteins prepared under different cond. of oil extraction, electrophoresis 17829

peanuts, nutritive value of differently processed peanut meals & eff. of supplementation by amino acids, antibiotics & vitamin B 12 17825

peanuts supplemented by antibiotics & vitamin B12, eff. on liver storage of vitamin A esters 17830

pignolia nuts in candy causing severe allergic reaction 1135

## NUX VOMICA

*see also* STRYCHNINE

determ. of strychnine content by chromatography 19507

*NYCTALOPIA see* NIGHT BLINDNESS

## NYLON

arterial prosthesis, comparison with homograft 11783

bifurcation grafts in aortic arteriosclerosis 22735

crimped nylon peripheral artery grafts 10079

net for revascularization in cardiopericardiopexy (Hun) 18591

nylon net in peritoneal alloplasty in rabbit, prev. of postop. compl. with ACTH (It) 27639

nylon-polytetrafluoroethylene aortic prosth., eff. of exper. arteriosclerosis in rabbits 22035

stockings of nonrubberized nylon for elastic support of legs in peripheral vasc. dis. 47787

substitute nylon prosth. in segmental resection of aorta in dog, long-term results (Sp) 37281

***injurious effects***

alopecia caused by nylon brush 2048

eczema, case reports (Dan) 10636

hair nets causing contact dermatitis 2161

superficial keratitis caused by nylon flakes used in manufacture of stiff petticoats 34924

## NYSTAGMUS

electronystagmogram, diag. value in CNS dis. & brain inj., review (Ger) 49119

electronystagmographic relief of vestibular excitability threshold by differentiated rotatory stimulation (It) 2958

optokinetic, theory (Ger) 28853

photo-electro-nystagmography (Fr) 54093

practical evaluation 29315

spontaneous rotatory nystagmus in Parinaud's synd. with vestibular lateral deviation (Fr) 32001

vertical or oblique nystagmus caused by caloric stimulation as manifest. of brain stem lesion, clin. & histopathol. findings (Sp) 19782

***case reports***

peculiar type of nystagmus in paramyoclonus multiplex (Fr) 9139

peripheral nystagmus with vestibular synd. appearing before mumps (It) 25963

retraction nystagmus (Fr) 14486

rotatory nystagmus in retro-olivary vasc. synd. & in syringobulbia (Fr) 54110

spontaneous rotatory nystagmus in unilateral cholesteatoma of cerebellopontile angle 100

***diagnosis***

using Bartel lens (Ger) 11130

***etiology and pathogenesis***

alcohol, relation to blood alcohol concentration 35313

cranial inj., early diag. (It) 19270

***experimental***

eff. of morphine & morphine antag. on prolonged nystagmus in guinea pigs (Ger) 29886

interrelation of central & labyrinthine nystagmus in rabbits 12529

post-rotatory, eff. of succinylcholine chloride (Ger) 36443

post-rotatory nystagmus test of labyrinthine funct., eff. of rotatory train., in chickens 35299

***physiology***

cinenystagmography in rotary test of vestibular nystagmus 35339

electronystagmography (Fr) 47400

electrophysiol. (Cz) 40609

form perception in congen. nystagmus (It) 37360

oscillating, arbitrarily produced, neurol. studies (Ger) 28854

piezography (Rus) 34714

rotatory acceleration nystagmus, eff. of ethyl alcohol in normal subjects (Ger) 27136

vestibular nuclei neurons, eff. of acceleration (Ger) 36493

***psychology***

emotional aspects of occup. nystagmus in miners 2215

emotional stability of miners with nystagmus 26040

***therapy***

antihistaminics in positional alcohol nystagmus, quantitative tests 35314

precorneal lenses (Fr) 26372

*NYSTATIN see* ANTIBIOTICS

*OATS see* GRAIN

## OBESITY

as dis. of modern civilization (Ger) 43805

in adolescence, causes & ther. 12049

in rheum. dis., ther., weight reduction (It) 42637

incidence & age distribution & diag. criteria 53292

physiol. mechanisms & psychother. (Fr) 15197

Pickwickian synd. 14216

Pickwickian synd. (Ger) 6710

psychol. & ther. aspects 5369

relation to diabetes mellitus 8852

12303

relation to hypertension & heart dis., review (Ger) 11130

relation to hyperthyroidism 29206
review 14672

*blood in*

synd. of obesity, paradontosis & atrophy of peripancreatic subcutaneous tissue in persons over 40, glucose tolerance test (Pol) 80814

unsaturated fatty acids (Ger) 23612

*case reports*

Pickwickian synd. 5300
psychodynamics 50443
with pseudohypoparathyroidism & dwarfism (It) 49583

*complications*

alveolar hypoventilation & cardiac insuff. (Sp) 43941
arteriosclerosis, review (It) 8649
cardioresp. synd. 18464 45044
diabetes mellitus, statist. 37975
heart dis., dietary & phenylpropanolamine ther. (Ger) 49877
resp. insuff. (It) 8362
right heart failure caused by extreme obesity, case reports 3172

*etiology and pathogenesis*

(Sp) 6597
high-fat diets, relation to longevity, review 20043
hypothalamic disord. (Sp) 27228
NS disord., special diet ther. (Rus) 31152
phys. & emotional aspects 7536
reserpine ther. of essential hypertension 46614
severe obesity, etiol. 50164

*experimental*

blood cholesterol levels in mice 52324
neutral fat storage in mesenteries of obese rats 2542
sterility in hered. obesity in mice 10053

*in infant and child*

juvenile, progn. 1405
prev. by diets (Dan) 51412
psychol., progn. & ther., review (Por) 40227
relation to thyroid funct. (Fr) 16377
ther. program 31785
urinary 17-ketosteroids in 1404

*in pregnancy*

eff. on labor (It) 6849

*metabolism*

basal metab. determ. (Ger) 11207
creatine & creatinine exchange before & after amino acid loading, eff. of thyroxin admin. (It) 27357
sodium retention in undernutrition in moderately obese persons, relation to extracellular space 6198

*physiology*

(Ger) 40189
blood circ. (Ger) 15357
liver, review 7560
physiol. & nutrition factor review (Ger) 40188
physiol. & nutritional factors, review 14026
relation of body fat to muscle glycogen in inbred strains of mice 35813

*prevention and control*

community weight control programs 4425
group action for weight control 7537

*psychology*

emotional factors in obesity, relation to phys. activity 29872
in adolescence 12648
review 14027

*therapy*

(Fr) 33419
amphetamine & phenmetrazine 24719
Banting's diet 18412
bis-glycerin tripyroborate (Ger) 19060
compl., excessive weight loss causing reactivation of lymph node & pulm. tuberc. (Fr) 29145
5-(1, 2-dibromo-2-phenylethyl)-5-methylhydantoin (Dan) 22405
diet & exercise 37704
diets & psychother. (Ger) 49030
dietary (Dan) 41962
dietary & psychother. (Ger) 29486
drug ther. (Ger) 40190
endogenous, group psychother. (Ger) 35401
group weight control, pilot study 40833
in GP (Dan) 41966
liquid formula diet, review 20012
management 12299
phenmetrazine (Fr) 41131
phenmetrazine (Pol) 43855
phenmetrazine (Sp) 20646
phenmetrazine, double blind study & comparison with amobarbital - d-amphetamine prep. 35697
phenmetrazine, hematol. (Fr) 44159
phenmetrazine in obesity in diabetes 38013
1-phenyl-2-aminopropane alginate 18657
N-(2-phenylpropyl)nicotinamide (Rus) 45180
review 34879

*urine in*

17-ketosteroid fractionation in adolescent boys with essential obesity & retarded sexual develop. (It) 27364

**OBITUARIES**

Acuña, Mamerto (Sp) 9680
Akerlund, Ake 35436
Aleksiewicz, Józef (Pol) 38452
Algire, Glenn H. 5429 10484
Allen, Arthur W. 14335 54673
Álvarez, Agustín J. (Sp) 21039
Alsona, Federico (It) 14528
Amoss, Harold L. 10414
Andérodias, Jean (Fr) 5331 27727
Armstrong, Charles J. 30664
Ascoli, Maurizio (It) 54199
Baar, Edeltraud (Ger) 49809
Bailly, Jacques E. (Fr) 37766 42015
Baudouin, Alphonse (Fr) 9163
Bauld, William S. 2606 7199 15040
Bazin, Alfred T. 14678 14699
Beck, Adolf (Pol) 24045 24046
Benlloch Giner, Nicasio (Sp) 1547
Berezov, Efim L. (Rus) 51194
Berkheiser, Elven J. 20685
Bernheimer, L. Benno 44027
Bethe, Albrecht (Ger) 39216
Bianchi, Andrés E. (Sp) 21172 21784
Blair, Robert B. 48277
Blankenhorn, Marion A. 33034
Blaringhem, Louis F. (Fr) 44764
Bliss, Rodney W. 52466
Böhm, Franz (Ger) 45457
Borgertn, Alberto (Por) 53858
Borghi, Bruno (It) 23731 27653
Boulin, Raoul (Fr) 31096 32413 37911
Brash, James C. 16797
Braude, I. R. (Rus) 55786
Bray, Harry A 10415
Briusova, Sefarima S. (Rus) 10953
Brockbank, Edward M. 37746
Bru, Camille (Fr) 41394
Brunet, Félix-Louis-Émile (Fr) 54026
Bublichenko, Lazar L. (Rus) 46833
Burger, H. 20542
Burtniex, Ernest M. (Rus) 32901 33509
Cahill, John 17551
Calzolari, Torquato (It) 1990
Caraven, Pierre (Fr) 37785
Carleton, Harry M. 17909
Carmichael, Robert 5634
Carswell, William E. 52705
Cavara, Vittoriano (Fr) 14481
Chambers, Robert 18067
Chernogubov, B. A- (Rus) 9911
Chugunov, Sergei A. (Rus) 34740
Clare, Thomas C. 36139
Clark, Katherine J. 14308
Coert, Hendrik J. (Dut) 7317
Cohn, Alfred E. 33035
Comberg, Wilhelm (Ger) 28869
Comfort, Mandred W. 33036
Corrigan, Patrick H. 3581
Costedoat, André (Fr) 14356
Cowan, Darcy 2223
Craig, James A. 26159 41849
Crépault, Alexandre Z. (Fr) 22467
Crichton-Miller, Hugh 37745 51335
Cruickshank, John C. 5632
Cummer, Clyde L. 23370
Cummins, Loretta J. 11571
Cutting, A. Howard 26138
Damodaran, Manayath 15636
Darrou, Albert F. (Fr) 9164
Davies, William 14268
Davison, Hal M. 1136 8672
Delaby, Raymond (Fr) 31481 37774
Delbet, Pierre (Fr) 2312
De Lisi, Lionello (It) 19255
di Valmaggiore, Raffaele P. 17485
Doorokhotova, Aleksandra I. (Rus) 7917 9880 33460
Dobson, Jonathan 50410
Doyne, Philip G. 48311
Drake, Eugene H. 41102
Durán-Reynals, Francisco 38094 42983
Elkin, Daniel C. 37801
Ellis, John D. 14018
Emanuel, Joseph G. 14044
Emerson, Haven 33037
Englander, Charles 46907
Etchegorry, Fernando (Sp) 1832
Evans, Frank A. 10416
Fabian, Abraham 8416
Faria, José A. de (Por) 16481
Fegler, George 19660
Fenrsen, F. O. 9797
Fell, Matthew H. 48328
Fennel, Eric A. 517
Fenton, Ralph A. 50183
Ferris, Eugene B. 10418 33038
Fiedorowicz, Konrad (Pol) 30687
Finochietto, Enrique 8197
Firket, Jean (Fr) 48360 54033
Foley, Sidney I. 20958
Ford, Alice P. 27062
Forel, Francois (Fr) 44713
Fossati, Giuseppe (It) 13109
Fox, Selina F. 37748
Franco, Roberto (Sp) 44544
Frazer, William M. 2221
Friedmann, D. A. (Heb) 3964
Friedrich, László (Hun) 52874
Frumin, Lev L. (Rus) 10788
Furey, Warren W. 49990
Gareiso, Aquiles (Sp) 8720 8721
Gascó Pascual, José (Sp) 18835 18836
Geimanovich, Aleksandr I. (Rus) 46308
Girard, John (Fr) 45779
Giri, Kramadhati V. 19604 40398
Giuliani, Giovanni M. (It) 47807
Glissan, Denis J. 29310 40644
Goadby, Kenneth W. 6157
Goldbach, Heinz J. (Ger) 27120
Goldenberg, Marcel (Ger) 55304
Goldschmidt, Richard B. 3484
Gollwitzer-Meier, Klothilde (Ger) 39218
Gordon, John 5633
Grafe, Erich (Ger) 52223
Greenfield, J. Godwin 11888 11667
Gregg, Alan 33039
Gregory, John C. 48292
Guleke, Nicolai (Ger) 3254 11385 55751

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

Gunn, James A. 14266 16475 29856
Gusyuin, Vasilii A. (Rus) 10952
Guzmán Barrón, Eleazar S. 33033
Guzmán Barrón, Eleazar S. (Sp) 8974
Haberer, Hans von (Ger) 6063 11018 23196 38948 41892 42933
Haberer, Hans von (Sp) 44447
Hance, Bennett 2220
Hardie, Lillias B. 37749
Hartley, Percival 5670
Hartman, George W. 33103
Haultain, William F. 41807
Haworth, James K. 14244
Heiss, Robert (Ger) 12956
Hélie, J. D. (Fr) 33431
Helmholz, Henry F. 17925 43529
Herrera Vegas, Marcelino (Sp) 1838 31800
Higgins, William H. 10417
Hilliard, Anna M. 2607
Hitschmann, Eduard 50043
Hodge, Ralph S. 48346
Höber, Rudolf (Ger) 39217
Hope-Robertson, Walter J. 55056
Hulk, Johannes F. (Dut) 7318
Hult, Olf (Sw) 43204
Hunt, Henry F. 12284
Hurley, Thomas E. 18770
Hurley, Victor 13308
Irons, Ernest E. 50184
Jackson, Chevalier 2166 6191 18667 28480 36200 51356
Jackson, Chevalier (Fr) 54035
Janssens, G. J. (Dut) 53529
Jermstad, Aksel (Fr) 26201
Joetten, K. W., bibliog. (Ger) 25249
Jokela, Väinö (Fin) 54493
Joliot-Curie, Frédéric (Ger) 53103
Joliot-Curie, Frédéric (Rus) 51776
Jonas, Leon 50121
Jones, Ernest 2119 40148 40149 40150
Judd, James R. 49850
Kallabis (Ger) 46198
Kapel, Otto (Dan) 45538
Karcher, Hans (Ger) 21603 27577
Keichline, John M. 20957
Keller, C. J. (Ger) 42924
Keller, Josef C. (Ger) 55477
Kennaway, Ernest L. 43098
Kennaway, Ernest L. (Fr) 2313 26191
Kerkofs, Robert (Fr) 21580
Ketron, Lloyd W. 23372
King, Earl B. 10453
Kinney, Kenneth K. 27065
Kirschbaum, Arthur 38095
Klein, Sidney 53640
Klier, Vladimir O. (Rus) 47894
Klug, Cecil C. 29301
Knight, Robert A. 16993
Kogan-Iasnyi, Viktor M. (Rus) 51231
Kohlrausch, Wolfgang (Ger) 47691
Kowalczyk, Jan (Pol) 20406
Kuhlman, Harry H. 47850
Kuhn, Hedwig S. (Fr) 9080
Kuntz, Albert 23809
Kyle, Bernard H. 50385
Lacey, Frank H. 5580
Langfeld, Herbert S. 799
Lapierre, Gaston (Fr) 33430
Lashley, Karl S. 2200 19809
Laurendeau, Remus (Fr) 22466
Lavergne, G. H. (Fr) 31073
Lawrence, Edward O. 53745
Leiter, Hy E 28506
Lemberskii, I. G. (Rus) 31217
Lepsov, Panteleimon G. (Rus) 55242
Lipiz, Jacob S. 2767
Lo Cascio, Gerolamo (It) 1108
Löhner, Leopold (Ger) 11032
Löune, Friedrich (Ger) 15451
Loewenberg, Samuel A. 50122
Longmore, Thomas A. 6495
Lotsch, Fritz (Ger) 34554
Lur'e, Aleksandr Iu. (Rus) 12178
Lutz, Wilhelm (Ger) 38851 39812 44941
McAuley, Henry F. 28456
McGrigor, Dalziel B. 14267 18474 37616 47235 53707
Mackie, Thomas J. 17908
Malengreau, Fernand (Fr) 26192
Marriner, Humphrey I. 26160
Martel, Henri (Fr) 32016
Martin, Emile (Fr) 6376
Martin, Robert T. 48276
Mayerhofer, Ernst 53844
Megaw, John W. 14288 10473
Mel'nikov, Aleksandr V. (Rus) 22546 33498 51193
Mennell, Zebulon 48312
Merrifield, Frederick W. 30665
Metzger, Jeremiah 1566
Miljanić, Niko (Ser) 32617
Miltó, Vilmos (Hun) 6333
Miller, Arthur 14307
Milloy, Frank J. 36878
Mixter, William J. 5534
Moody, Arthur S. 30208
Moore, Joseph E. 33040
Moore, Thomas D. 55022
Moss, William L. 33041
Mugrage, Edward R. 12283
Murphy, Joseph B. 50640
Navarro, David N. 2280 16417
Nachlas, I. William 16994
Nasonov, Dimitrii N. (Rus) 33459 49573
Natanson, Abram M. (Rus) 10785
Nechaev, Aleksandr A. (Rus) 18313
Neuberg, Carl 35541
Nicati, Marthe (Fr) 9118
Norcross, John R. 20686
Novak, Edward E. 5282
Novy, Frederick G. 33042
Charrio, Juan M. (Sp) 21037
Officer, Robert 36311 51534
O'Hea, Michael 17546
Orchard, Albert J. 30207
Pais, Carlo 40645
Pais, Carlo (It) 36784 53774
Paolucci, Raffaele (It) 24952 39705 42544 47804 53590
Petrova, Maria K. (Rus) 48351
Philip, Peter 37711
Platnitski, Nikolai N. (Rus) 46355
Piéchaud, Ferdinand (Fr) 28355 43772
Pirani, Renato (It) 2504
Pokrovskii, Aleksei I. (Rus) 33515
Polettini, Bruno (It) 21440
Post, Lawrence T. 11713
Poursines, Yves (Fr) 29190
Power, D'Arcy 37747
Preobrazhenskii, Sergei A. (Rus) 34741
Protopopov, Viktor P. (Rus) 34724
Quick, Arthur B. 29302
Quimby, Adoniram J. 35867
Rake, Geoffrey 11570
Richer, Victor (Fr) 6321
Roberts, Mary M. 52809
Robertson, J. Hinton 14320
Rochette, Roméo (Fr) 55128
Roderick, Henry B. 2222
Rodman, John S. 14336
Rodríguez López-Neyra, Carlos (Sp) 41776
Rosenthal, Georges (Fr) 54124
Roesello, Héctor J. (Sp) 8975
Roux-Berger, Jean L. (Fr) 2304
Rozenberg, Aleksandr Z. (Rus) 34701
Rubashov, S. M. (Rus) 5978
Rubin, I. S. (Heb) 27776
Rubin, Isidor C. (Fr) 43969 44640
Rubin, Isidor C. (Por) 35961
Rubin, Isidor C. (Sp) 30246
Rŝehak, Alfred (Ser) 45911
Sachs, Ernest 37691
Sainton, Paul (Fr) 53402
Sanderson-Wells, Thomas H. 14221
Sandiford, Hugh A. 6190
Sarton, George 9566
Savy, Paul (Fr) 31085
Schmidt, Lajos (Hun) 6334
Schmidt, Louis E. 55024
Schönberg, Salomon (Ger) 49106
Schüller, Arthur 6479 37630
Schuls van Treeck, Alfred (Ger) 23046
Schwarzacher, Walther (Ger) 55373
Scott, Roy W. 33043
Seed, George S. 14242
Segal', Iadif' E. (Rus) 34743
Sekerak, Arthur J. 38834
Sepp, Evgenii K. (Rus) 34723
Serafimov, Boris N. (Rus) 34700
Sgerist, Henry E. (Hun) 10753
Sigurdsson, Bjarni (Icelandic) 41780
Simmons, Fred A. 49500
Sitchevska, Olga 11714
Sjöström, Leonart (Fin) 27274
Sjöström, Leonart (Ger) 279
Skrotskii, Arkadii I. (Rus) 7918
Smith, David P. 27063
Smith, Ferris 20381
Snijders, Emilius P. 10513
Sourdille, Gabriel (Fr) 14482
Southwell-Sander, Geoffrey 37710
Spisić, Bozidar (It) 26595
Stampar, Andrija 35035
Stenström, Thor (Sw) 45368
Stieglitz, Edward J. 6434
Stopes, Marie C. 2281 51729
Stott, Arnold 48156
Stradyn, Pavel I. (Rus) 55192
Straith, Claire L. 17500
Strauss, Maurice J. 27064
Strode, George 37712
Sudomir, Aleksandr K. (Rus) 34742
Surányi, Gyula (Hun) 16070
Tait, Edwin F. 46471 54709
Taylor, Raymond G. 53746
Tchertkoff, Iekoussiel G. 21739
Teräskeli, Hilja 23869
Thompson, Gordon G. 10452
Timofeev, Nikolai V. (Rus) 49529 55241
Tin, U 14536
Todd, Edgar W. 5635
Toit, J. S. du 9831
Tómasson, Helgi (Icelandic) 41781
Trémolières, Fernand (Fr) 37916
Trow, Emerson J. 34861
Tsimmerman, Sergei E. (Rus) 47893
Tuchendler, Antoni (Pol) 8078
Turnbull, Henry H. 6457
Turnbull, Jane H. 14243
Tuthill, Alexander M. 13561
Uhlenhuth, Paul (Ger) 23143 25216
Ullrich, Henry F. 16995
Ullrich, Otto (Ger) 34088 34194
Uluefe, Mustafa H. (Tur) 33907
Ungley, Charles C. 2184 6180
Urbain, Achille (Fr) 32013
Valero Navarro, Antonio (Sp) 2951
Vasconcelos, Fábio A. de (Por) 13615
Vest, Samuel A., Jr. 55023
Vlasenskii, N. M. (Rus) 55310
Vietti, Marco (It) 53751
Vigliani, Giovanni A. (It) 8616
Villamil, Alberto (Sp) 8673
Vyshelesskii, Sergei N. (Rus) 55819
Wardale, John D 48275
Wartenberg, Robert (Ger) 33279
Waterhouse, Rupert 2202
Watson, John B. 54392
Webb-Johnson, Alfred 2310 4005
Webster, James R. 44026
Webster, William J. 2241


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

Weigl, Rudolf (Fr) 38434
Weigl, Rudolf (Ger) 34476
Weill-Hallé, Benjamin (Fr) 9637
Wells, Arthur Q. 5871
Westrienen, Anna van (Dut) 51404
Wijnen H. P. 36862
Wilson, Howard B. 12875
Wishart, G. M. 7200
Wohlwill, Friedrich (Ger) 52571
Wolff, Walter (Ger) 6716
Worthing, Harry J. 47189
Young, Henry M. 27066
Zahradníček, Jan 50411
Zahradníček, Jan (Cs) 35033
Zentmayer, William 108
677
Zesiger, Werner (Ger) 54353
Zinner, Nándor (Hun) 6335
Zoon, J. J. 11569

*OBSESSION see* NEUROSES, OBSESSIVE-COMPULSIVE

OBSTETRICS

*see also* MIDWIVES

blood transfusion in, statist. (Hun) 41986
clinical aspects in Korea 18750
common areas with other med. specialties 12411
contribution of Lorenz Heister (Ger) 19435
costs & fees for various obst. procedures in Europe & relation to cost of living (Sp) 54988
group practice 47017
guides for clin. exam. & case hist. (Sp) 7594
hosp. obst.-gyn. department, proposed separation 16214
hosp. statist. 5410
in Greece (Fr) 15170
in Russia in rural areas (Rus) 46805
need for standards in maternity statist. & hosp. reports 17855
nurses' role in emergency care in major disaster 52789
obst. causes of perinatal fetal death (Ger) 36028
obst. clin. in Germany (Ger) 15398
obst. diag. roentgenography, reduction of radiation dose by hard-ray technic (Hun) 41984
Obst. Med. Research Unit, Scotland 17856
obst. nursing 19987
obst. nursing educ., progr. 52813
Obst. Research Laboratory at Tulane University School of Med. 26283
obst. serv. in So. Africa 50975
progr. (Fr) 41106
progr. (Ger) 18934
radiation hazards 20079
research in non-university hosp. 7638
Residency Review Committee in Obst. & Gyn., organiz. & funct. 12409
So. Atlantic Assoc. of Obstetricians & Gynecologists, 20th anniversary 12379
use of antibiotics (It) 38543
use of cito-curarcon anesth. (It) 42573
x-ray diag., progr. (Ger) 16422

*apparatus and instruments*

appar. for retraction of cervix & exposure of vagina 47016
forceps based on principle of parallelism & hist. note on various types of forceps 31267
forceps, parallel type 47015
Gauss scalp forceps (Ger) 46288
modified ring forceps for cervical repair 7637
straight forceps (Rus) 13158
vacuum extractor (Sp) 9412
vacuum extractor, Malström's model (Sw) 54804
vacuum extractor, review (Ger) 19439
vacuum extractor, use & advantages (Fr) 27715

*education*

integration with prev. med. (Sp) 31874

*history*

anesth., substitution of chloroform for ether in midwifery 37542
in ancient & late China 38417
in Russia, course for scientific midwives (Rus) 13143
lawsuits concerning obst. cases in France in 18th century (Fr) 26210
18th century reports & superstitions concerning prolonged pregn., pregn. in aged, multiple births & other unusual obst. phenomena (It) 42574

*surgery*

hosp. statist. (Sp) 8946

OCCIPITAL BONE

*abnormalities*

basilar impression with Arnold-Chiari malform. causing hemifacial spasm, surg. correction (Fr) 43119
of occipito-vertebral region (It) 53712

*diseases*

osteomyelitis caused by Salmonella paratyphi B with subsequent epidural abscess, case report (Fr) 35249

*pathology*

foramen magnum, relation to high cervical synd. 9818

*radiography*

anatomical & embryol. exam. of newborn inf. & child. (Pol) 30704
foramen lacerum posterius, diag. value in cranial nerve disord. & neoplasms in & near foramen (It) 8552
hypoglossal canal, x-ray anat. study (Fr) 41371

OCCIPITAL LOBE

*diseases*

causing alexia (Rus) 34814
contralateral pains & photophobia induced by light stimulation following cerebral contusion, with homonymous hemianopia (Fr) 9116

*neoplasms*

EEG (Rus) 55853
glioma, 18 years after total excis. of astrocytoma of same place (Fr) 19777
with homonymous macular scotomata, case report 11707

*physiology*

eye movements induced by surface & depth stimulation in monkeys 28303

OCCUPATIONAL DISEASES

*see also* DERMATITIS, CONTACT

*see also* INDUSTRIAL HYGIENE

*see also* LEAD POISONING

*see also* PNEUMOCONIOSES

allergic dis. of upper resp. tract (Ger) 13193
allergic dis., prev. (Fr) 33406
allergy in fur workers caused by p-phenylenediamine dye 50124
allergy to antibiotics in med. personnel, determ. with intracutaneous test (Rus) 45189
argyria in photochem. indust. workers (Ger) 51250
backache (Fr) 44992
backache, med. problems 28125
benzidine pois. (Ger) 23136
berylliosis 26050 46397 46398 46399 46400 46411 46412 46413
berylliosis, ACTH & cortisone ther., eff. on pulm. funct. 46404
berylliosis, chronic, ACTH ther. 46403 46409
berylliosis, ther., aurintricarboxylic acid 46410
bladder tumors, statist. in France (Fr) 37807
blood dis. & coagulatory disord. caused by benzene (It) 21422
bronchiolitis caused by inhalation of nitrous fumes, case reports 54923
bronchitis, chronic, in indust. workers in England, relation to air pollution by dusts, disability & mortal rates 11600
brucellosis in agricultural workers (It) 3598
brucellosis in dairy workers (Pol) 31533
bursitis, chronic, x-ray diag. (Rus) 45761
bursitis, prepatellar, in coal miners (Rus) 45124
cadmium oxide pois. (Ger) 28422
callosities 37551
cancer due to arsenicals in chem. workers (Ger) 11361
cancer due to arsenicals in vintners (Ger) 7086
cancer of lung & nose in nickel workers 26051 26052
carbon dioxide pois. in stevedores & ship personnel 14226
carbon disulfide pois., blood protein levels (It) 27465
carbon disulfide pois., CNS funct. (Rus) 33326
carbon tetrachloride pois. in cargo ship crew members 42111
cardiovasc. dis. (Rus) 39577
caused by cobalt, review (It) 36768
caused by stress & strain (Ger) 15382
cervicobrachial synd., evaluation of origin, review & case reports (Ger) 11162
chinga, diplococcal joint dis. in seal hunters (Rus) 45763
chloroform pois. in workers preparing chloroform-containing lozenges 26054
classif. (Sw) 10171
coronary dis. in Argentina, medicolegal aspects (Sp) 39097
deafness in boiler makers, relation to presbycusis (It) 30354
deafness in engine-room personnel of ships caused by noise of engines (Fr) 13069
deafness in tractor operators 1187
diag. & reporting technic 28121
dimethylformamide pois. in synthetic textile factory workers (Fr) 47763
dinitro-o-cresol pois. in agricultural workers 9463
dis. not well known in neotropical regions (Sp) 29375
eczema, hepatitis, conjunctivitis & upper resp. irritation caused by hexamethylenediamine (It) 51654
elbow dis. caused by work with air-pressure hammer (Heb) 49035
exposure to fire ants as occup. hazard 4238
farmer's lung 33671 48521
farmer's lung, histopathol. 12361
fatal asphyxia caused by sulfites in cellulose workers (Ger) 46222
funct. vocal disord. in executives, etiol., ther. & case reports 2943
hand lesions in seal trappers & fat processing plants (Rus) 45160
hearing disord. (Sp) 21207
hearing loss 33031
hearing loss, workmen's compensation legislation in New York 13228
heat exposure (Ger) 25241
hookworm infect. among agricultural workers, prev. & insurance aspects (It) 1120
hypertension, occup. factors in pathogen. (Rus) 45253
in carpenters of Italy (It) 27466
in plastic material workers (Sw) 10179
in workers in tropical regions of So. Amer. (Sp) 18860
indust. dermatitis in coal miners 26045
leptospirosis in swine breeders & brucellosis in dairy workers as occup. dis. (It) 240
liver dis. caused by chem. pois., review (It) 44369
Loeffler's synd. (Ger) 35596
lumbar joint dis. in agricultural workers, etiol. & pathogen. (It) 44327
lung cancer in uranium miners in Czech., review (Rus) 55343
lung dis. of cotton carders (Sp) 44417
mercury pois., review (Ser) 25724
mercury pois., ther., edathamil calcium disodium 26049
Monday synd. in cotton mill workers (It) 39366
multiple arsenic keratoses of trunk in vintners (Ger) 3201
neoplasms, incidence in Austria (Ger) 45941
nystagmus in miners, emotional aspects 2215
osteoarthritis caused by decompression cond., x-ray diag. in workers (Fr) 13475
peripheral neurovasc. disord. in air hammer operators, ther., adiphenine (Rus) 33179
polyneuritis caused by percutaneous absorp. of tris-o-cresyl phosphate in indust., case report & review (Fr) 54127
precocious loss of teeth & asymmetrical shoulder in Italian basket makers (It) 3597
pulm. edema caused by nitric acid in brewery worker (Ger) 38904
pulm. fibrosis due to iron oxide dust in electric-arc & oxyacetylene welders 6148
pulm. fibrosis in chem. indust. (Rus) 3823
pyoderma in sugar factory workers (Rus) 9873
Q fever caused by cotton in sewing shops (Rus) 22699
radiation inj. in physicians of radioscopy stations of indust med. serv. in Lyon region of France, prev. (Fr) 47762
radiation inj. in radiologists 24651
recur. & prolonged dermatoses in indust. workers, etiol. & case reports 11808
research in Czech. & Russia (Cz) 48671

resp. allergy to coffee dust in coffee plant workers (Ger) 13189

ringworm (Rus) 22500

silicosis in ceramic indust. workers (It) 39531

silo-filler's dis. 27075

skin & mucous membrane lesions caused by fuels of turbo-jet aircraft (Fr) 46563

skin burns & irritation caused by contact with butyl tin cpds. in process workers 38046

skin dis. caused by formol & deriv., in indust. workers (Fr) 47765

skin dis. in rice cleaners & transplanters (It) 8813

skin dis., medicolegal aspects, AMA council report 16618

skin dis., oscillometry in (Hun) 13880

spinal lesions in bus & streetcar workers (It) 42232

subungual hemorrh. in pan washers caused by detergents 16603

swineherd's dis. caused by Leptospira pomona & Leptospira mitis (Fr) 32049

thallium pois. 40107

trichophytosis transmitted by laboratory animals to laboratory workers, prev. & case reports (Ger) 34467

tuberc. in med. personnel (Ger) 30611

tuberc. in med. workers (Rus) 31193

tuberc., pulm., expert testimony (Ger) 10557

11149

11368

tuberc., pulm., in butchers & agricultural workers (Ger) 11120

upper resp. tract dis. in glass indust. workers, etiol. & prev. (It) 3595

zinc chromate pois. in indust. paint workers (Ger) 25186

*case reports*

aplastic anemia of possible occup. toxo-allergic origin, in welder (Fr) 47769

chimney sweeps' carcinoma of external ear (Hun) 37242

eczema caused by trichloroethylene (Fr) 47766

electric-arc welding amblyopia in engineering student 35782

erysipeloid in butcher, case report (Fr) 44780

farmer's lung 41096

nitroglycerin pois., causing ment. disord. (Fr) 47758

phosphine pois., causing purpura in worker in metal indust. (It) 21009

phosphine pois., fatal, in acetylene generator operator 23382

*diagnosis*

berylliosis 46407

beryllosis, chronic, x-ray 46403

beryllosis, patch-test 46405

46406

diag. errors by inadequate determ. of occup. etiol. 3660

lung dis. caused by beryllium pois., unusual x-ray findings 46401

*prevention and control*

backache (Fr) 43799

in France, 1957 improvements (Fr) 21460

in med. personnel (Rus) 45248

in Sweden (Sw) 9771

skin dis. (Fr) 47759

*statistics*

allergic dis., incidence 35002

in med. workers (Rus) 9927

lung cancer, incidence in German asbestos workers (Ger) 15383

skin dis. of oil miners in Bulgaria (Bul) 16412

OCCUPATIONAL THERAPY

at Centre de Traitement & de Réadaptation Sociale, Neuilly-sur-Marne (Fr) 36126

36127

basic concepts of clin. practice 24526

basic concepts of clin. practice in psychiatric occup. ther. 24527

California Rehabil. Center, facilitation technics in occup. ther. 48477

concept of specialization 24523

in psychiatric hosp. in Poland (Ger) 44215

occup. med., organiz. of residency program 11597

occup. therapist as specialist in ment. hosp. 12430

of child., application of science experiences in pediatric program 12435

of handicapped in Stockholm State Clinic (Sw) 10161

of hospitalized child., plan to encourage growth & develop. 24528

phys., emotional, intellectual & professional aspects in relation to principles of muscle reaction 24533

with rehabil. (Sw) 45357

*apparatus and instruments*

leather punching device adapted to drill press 12434

static night splint for fingers & wrist 12431

*education*

criteria for evaluation of professional prep. 24529

present status of graduate educ. 24524

professional teaching in rehabil. center 24530

proposed revision of undergraduate & graduate educ. programs 24531

requirements & standards in U. S. 49970

trends & future outlook 24525

24532

*in various diseases*

arthritis & hemiplegia 23500

blindness, success as darkroom technician 23646

ment. defic. (Dut) 52486

ment. disord., aspects of roles & funct. 12529

ment. disord., attitudes of therapist in psychiatric activity setting 12429

ment. disord. in psychiatric hosp., value 767

ment. disord., intensive activities program for chronic patients 12432

ment. disord., involvement of ment. patient in group activities 8394

ment. disord., review 47161

sewing groups in ment. disord. 51887

tuberc., pulm. eff. on work capacity (Fr) 46723

OCHRONOSIS

*see also* ALKAPTONURIA

ochronosis & alkaptonuria (Sp) 8169

*case reports*

(Dan) 25829

*OCULAR TENSION see* INTRAOCULAR PRESSURE

*ODD'S SPHINCTER see* BILE DUCT, COMMON

*ODONTOMA see* CYSTS, DENTIGEROUS

ODORS

*see also* DEODORANTS

*see also* PERFUME

*see also* SMELL

relation of phys. & chem. properties of odorous cpds. to their olfactory stimulating effectiveness 324

*OESOPHAGOSTOMUM see* STRONGYLOIDEA

*OIDIUM see* MONILIA

OILS

*see also* FISH LIVER OILS

*see also* MINERAL OIL

corn oil in cooking of pastry & other products, comparison with hydrogenated fat 50154

ethereal oil content of peppermint leaves after storage, eff. of various packing materials (Ger) 30624

rape oil as nutritional supplement (Ger) 16391

*determination*

cocoa butter, identification by microthermoanalysis (It) 15748

vaseline oil in toasted coffee, method (It) 31716

*effects*

cashew nut shell oil hyposensitisation against rhus dermatitis 16

cocoa butter on blood & tissue chem. in rat (It) 21006

degree of unsaturation & hypocholesteremic eff., relationship 2541

essential, anthelmintic properties (Rus) 18875

jatamansi oil principle, testing for anti-arrhythmic & anticonvulsant activity 40077

margosa oil & its fractions, estrogenic & antipyretic properties 16330

olive oil & sunflower oil feeding on body fatty acid content in rats (Ger) 16389

olive oil on gastric secretion in rat, inhib. eff. 20919

olive oil on glycemia in diabetes, comparison with normal subjects (It) 20963

on fermentation during streptomycin synthesis (Rus) 36356

on transportation funct. of ciliated epithelium in isolated guinea pig trachea (Ger) 27737

palm oil on nutrition of young calves, comparison with butterfat 37598

peanut oil, hydrogenated, in diet of chicks, eff. on cholesterol & polyenoic fatty acids in tissues 319

soy bean oil, on blood cholesterol (Fr) 43946

vegetable oils as principal source of fat, eff. on blood cholesterol 28144

volatile horseradish oils, on M. tuberc., electron microscopy (Ger) 55491

volatile oils & their components on exper. tuberc. in guinea pigs 36559

volatile oils, on growth of M. tuberc. (Ger) 34654

34071

*metabolism*

rape seed oil, erucic acid body distribution & biol. half-life in rats on rape seed oil diet (Ger) 27915

*therapeutic use*

camphor-ethereal oil-quinine balsam in ther. of resp. dis., with roll bandage (Ger) 42353

coconut oil with sucrose in infantile dystrophy (It) 29126

colloidal oatmeal powder impregnated by emollient oils in pediatric skin dis. 36698

emollient oil baths in dermatoses & burns 6531

essential oils in ringworm of scalp (Sp) 35535

ethereal oil-camphor-quinine prep. in prev. & ther. of postop. resp. tract inflamm. (Ger) 3303

Hippophe rhamnoides oil in combined burn ther. (Rus) 45234

oil bath in skin dis. 11585

unsaponifiable oil of corn germ, indic. (Fr) 8330

*toxicity*

cis- & trans-isosafrols in mice (Fr) 38660

OINTMENTS

additions to Italian Pharmacopeia (It) 48105

barrier ointments, protective eff. against contact dermatitis (It) 19186

bases, analysis by determ. of ultraviolet absorp. spectrum (Ger) 47673

bases, influence on skin permeability to ions (Hun) 37239

base pasta cordes containing titanium dioxide instead of zinc oxide (Ger) 42352

separation of ointment ingredients with aluminum hydroxide adsorbent, affinity of aluminum hydroxide towards ointment bases (Ger) 1323

sterility of antibiotic ophthalmic ointments 50254

unguentine, hist. 6542

zinc-oxide containing ointments & pastas, salicylic acid transform. (Dut) 52477

*therapeutic use*

anorectal disord. 18794

prev. of contact dermatitis by skin-protective ointments (Ger) 12184

OLEANDER

determ. of oleander glycosides & standards for their pharmaceutical prep. (Sp) 44588

*therapeutic use*

neriolin in congestive heart failure in child. (Rus) 53039

oleander glycosides in congestive heart failure (Ger) 10300

*OLEANDOMYCIN see* ANTIBIOTICS

OLEIC ACID

*effects*

ethyl esters of oleic acid on blood cholesterol ester fatty acid composition 20766

on gastric secretion in rat, inhib. eff. 20919

*OLEOMARGARINE see* FATS

*OLFACTORY BULB see* NERVES, OLFACTORY

OLIGODENDROMA

*case reports*

clin., x-ray & histopathol. aspects (Fr) 43117

*OLIGOPHRENIA see* MENTAL DEFICIENCY

*OLIGOPHRENIA, PHENYLPYRUVIC see* PHENYLPYRUVIC OLIGOPHRENIA

*OLIGOSACCHARIDES see* CARBOHYDRATES

*OLIGURIA see* ANURIA

*OLLIER'S DISEASE see* DYSCHONDROPLASIA

**OMENTUM**

***abnormalities***

with gastric torsion & diaphragmatic relaxation (Rus) 51183

***blood supply***

circ., in epinephrine-induced pulm. edema in rats 5679

***cysts***

12836

serous, twisted pedicled, simulating appendicitis, case report (It) 27630

***diseases***

echinococcosis (Rus) 5972

epiploic filling of calcified, supurated & fistulized cavity following marsupialization in echinococcosis of liver, case report (Sp) 3315

torsion in child. 36330

torsion, intra-abdom., surg. (It) 29567

torsion of greater omentum, case report (Pol) 30703

torsion of greater omentum, simulating appendicitis (It) 9271

***infarction***

primary idiopathic segmental, in 81-year-old man (It) 1096

***neoplasms***

metastatic from peritoneum in regression of ovarian cancer (Ger) 41720

with generalized carcinosis of peritoneum, of possible ovarian origin, clin. pathol. conf. (Sp) 9711

***physiology***

eff. of formaldehyde-, heat- & peptone-shock on mast cells in rat omentum (Ger) 35023

relation of omentum majus to mesocolon transversum (Dut) 7357

***surgery***

omentohepatic fixation & omentorenopexy with splenectomy in portal hypertension (Rus) 18245

resection of greater omentum in subtotal gastrectomy for gastroduodenal ulcer (Sp) 1833

***wounds and injuries***

post-traum. eventration after stab wound., surg., case report (Sp) 43886

*OMNADIN see* **LIPOPROTEINS**

**ONCHOCERCIASIS**

conjunctiva 33146

***case reports***

eye (Fr) 36373

***complications***

ocular compl., prev. by hetrazan, comparison with 4 other drugs 22303

***diagnosis***

skin scarification technic for recovery of Onchocerca volvulus microfilariae 898

***epidemiology***

geographical distribution (Fr) 38791

in Kenya, 11 years after eradication of vector 3401

in Uganda, W. Nile District 10474

ocular, in Fr. W. Africa, Upper Volta (Fr) 1471

20128

***manifestations***

clin. manifest. in Liberian natives 999

eye lesions, pathogen. 55058

*ONIONS see* **VEGETABLES**

**OOPHORITIS**

***therapy***

pyrexal ther. in salpingo-oophoritis, eff. on blood proteins & neuraminic acid in blood (Ger) 18938

**OPERATING ROOMS**

accid. prev. 16234

accid. prev. (Ger) 55873

air conditioning (Rus) 39585

analysis of various operating suites 19286

aseptic practices based on sound bacteriol. principles 42858

chem. disinfect. in operating room 42465

Cleveland Clinic Hosp., Cleveland, Ohio, operating suite 19285

Clostridium tetani contamination of atmosphere 26110

53550

control of surg. supplies 52162

explosions caused by electric equipment & static electricity sparks (Fr) 48944

Micrococcus pyogenes aureus distribution 47585

new arm support for operating table (Bw) 10159

prep. of operating room schedule, cooperation of surgeon, admitting officer & operating room supervisor 42844

safety measures. 7554

simple device for testing conductivity of shoes worn in operating rooms to reduce explosive hazards 35983

static electricity & corrective measures 4108

16167

**OPHTHALMIA**

electric, expert testimony on fundus changes, review (Ger) 11146

in ancient Egypt, seasonal occurrence 238

***in infant and child***

endophthalmitis caused by visceral larva migrans, case report 5858

**OPHTHALMIA NEONATORUM**

prev. & ther. with sulfonamides & penicillin 20579

***prevention and control***

Credé's method, replacement of silver nitrate with sulfathiazole solution (Pol) 27591

silver nitrate eye drops 30435

**OPHTHALMIA, SYMPATHETIC**

***pathology***

atrophy (Rus) 22553

**OPHTHALMOLOGY**

***see also* EYE DISEASES**

atopic dermatitis & contact dermatitis management in ophthalmol. practice 55021

congress 3444

contribution of Robert Boyle 37802

contribution of George Frick 23424

contribution of Giuseppe Ovio (It) 31668

contribution of Carl Theodore, duke of Bavaria 48206

contribution of William Zentmayer 677

hosp. for charity ophthalmol. cases (Dut) 55870

in New Zealand 24539

in Royal Army Med. Corps 18040

in U. S., impressions of Brit. traveler 28043

National Med. Foundation for Eye Care in U. S., organiz. & program 10844

neuro-ophth., review 11712

ophth. emergencies & their management (Fr) 54624

Ophthalmic Research Institute of Australia, contribution to ophthalmic surg. & med. 24542

ophthalmol. department in hosp. (Fin) 21996

ophthalmol. prep. in recent pharmacopeia & in current use (It) 39510

ophthalmologist's role in retarded reading ability of child. 47026

plastic surg. of congen. & acquired deformities in ophthalmol. (Por) 31086

progr. 14058

55360

qualities for dexterous hands of ophth. surgeon (Sp) 21781

research in U. S. 47076

trends (Fr) 41122

***apparatus and instruments***

appar. for rapid study of night vision (Rus) 45875

corneal scissors and scissor needle-holder 48219

corneoscleral suturing forceps 23441

enucleation scissors with notch for trapping optic nerve 23442

exhibit in Germany (Rus) 33518

fixed magnifying glass for cornea illumination (Rus) 22555

improved binocular magnifier 34923

mobile operating table (Ger) 28881

model eye for student laboratory 41172

moist chamber as ther. device 12448

musc. light, multiple reading, color card combination unit for refractors 24552

new instruments for optic problems 16515

of Gallo-Romans (Fr) 25507

portable ethylene oxide steriliser 47030

***history***

in Italy 12456

in traditional Chinese med. 38394

Johannes Müller on the inverted image, new translation 47061

**OPHTHALMOSCOPY**

slit-lamp exam. of fundus 11696

technic for measurement of small eye movements 17885

***apparatus and instruments***

binocular indirect ophthalmoscope with upright fundus image 104

hand ophthalmoscope, refinement 24554

modified Bausch & Lomb ophthalmoscope for retinal photography 2110

Schepens binocular indirect ophthalmoscope, value in retinal detachment surg. 11711

***in various diseases***

hypertension (Ger) 28912

visual field disord., value in differ. diag. 49389

**OPIUM**

***see also* MORPHINE**

***see also* NARCOTINE**

***see also* PAPAVERINE**

***addiction***

ther., meprobamate in withdrawal synd. 23422

ther. problems (Ger) 7102

***OPPENHEIM-ZIEHEN DISEASE see* DYSTONIA MUSCULORUM DEFORMANS**

***OPPENHEIM'S DISEASE see* AMYOTONIA CONGENITA**

**OPTIC TRACTS**

***see also* NERVES, OPTIC**

eff. of lesions on foveal flicker fusion frequency, temporal determinants 4927

***anatomy and histology***

nerve fiber connections between retina & hypothalamus, histol., review (Ger) 34419

***blood supply***

chiasmatic vessels, relation to hypophyseal & hypothalamic blood vessels 2031

***cysts***

cholesteatoma of optic chiasma region (Fr) 35236

***diseases***

bilateral inflamm. causing sudden blindness in inf., case report (Cz) 38335

chiasmal arachnoiditis 48217

chiasmatic synd. caused by meningioma, diag. value of pupil exam. (Fr) 31993

chiasmatic synd., post-traum., pathogen. & case reports (It) 36220

compression synd. caused by craniopharyngioma (Fr) 26371

prechiasmatic neuritis with incarceration of intracanalicular segments of optic nerves, surg. 20124

***metabolism***

ribonucleic acid in supraoptic nucleus ganglia, eff. of salt loading in rats (Ger) 34414

***neoplasms***

glioma 55054

glioma of chiasma, surg., Torkildsen's operation, results (Fr) 32006

***physiology***

eff. of stimulation on cerebellar cortex after section of cerebellar peduncle fibers in cats (It) 48113

single unit eff responses to brief flashes of light in cat 50942

stimulation causing electrical responses in cerebellar peduncles in anesthetized cats (It) 48117

stimulation causing electrical responses in cerebellar peduncles in unanesthetized cats (It) 48116

synapse discharge by single fiber in cat 19501

***surgery***

exploratory surg. of chiasm, indic. (Fr) 32000

**OPTICS**

***see also* LENSES**

***see also* LIGHT**

***see also* VISION**

Maddox-rod phenomenon 46461

**OPTOMETRY**

sociol. perspectives 691

value of optometry in increasing reading speeds 2111

**ORBIT**

***abnormalities***

naso-orbital deform. with cranio-meningocele, plastic reconstruction, case report 20391

***cysts***

cholesteatoma, classif. & case report (Fr) 35237

congen. massive cyst with enlargement of bony orbit (Ger) 28094

***diseases***

defect with exophthalmos caused by neurofibromatosis, case report (Fr) 6333

echinococcosis (It) 19350
eosinophilic granuloma 55013
eosinophilic granuloma (It) 25969
eosinophilic granuloma (Ser) 9947
orbital apex synd. as manifest. of sinusitis 13284
orbital sepsis in newborn, proptosis as initial sympt. 48208
para-orbital lipophagic granuloma (Fr) 27026
review 107
rhinoscleroma with involvement of ethmoid & maxillary sinuses, case report 38393
sclerosing lipogranuloma 26070

***fistula***

with empyema of frontal sinus (Ger) 51251

***foreign bodies***

knob of drawer, point of knife & metal fragment, case reports (Fr) 11950

***fractures***

causing diplopia & ocular musc. imbalance, surg. indic. & technics 24667
classif. & ther. 34911

***hemorrhage***

hematoma caused by retro-bulbar anesth. inject., prev. & ther. (Fr) 36369

***neoplasms***

benign lymphadenosis of orbit, epibulbar region & eyelids with glaucoma, case report (Pol) 28846
ganglioneuroma in child, case report 17638
hemangiopericytoma 23435
leukosarcoma in boy, clin. & postmortem pathol. 38408
leukosarcoma in child., case reports 47033
meningioma of optic foramen, case report (It) 1106
metastatic, unusual forms (Fr) 28374
neurofibroma, case report (Pol) 28850
osteogenic sarcoma, primary, case report (Por) 13593
21051
osteoma, case report 675
osteoma, case reports (Fr) 43343
polycystic organismoid teratoma in newborn inf. (Fr) 36145
post-traum. in inf., case report (Cz) 38309
primary, case reports 12440
pseudotumors, ther., local cortisone (Ger) 28882
reticulum cell sarcoma in child., diag. value of biopsy (Fr) 14511
review (It) 13493
statist. 33530
teratoma in inf. (Ger) 35597
with intracranial involvement, angiography (Fr) 35422
xanthoneurofibroma (Fr) 27025

***pathology***

hydrophilia of orbital connective tissue in exper. exophthalmos 47038
in facial fract. 33019

***radiography***

new unilateral incidence for radiol. exam. of sphenomaxillary fissure (Fr) 41393

***surgery***

epithelization of orbit after exenteration for ocular cancers, technic (Por) 21085
plastic reconstruction (Ger) 29071

**ORCHITIS**

***complications***

diagerminoma caused by mumps orchitis with atrophy, case report 8106

***etiology and pathogenesis***

brucellosis causing ulcero-necrotic orchiepididymitis (Fr) 32369
brucellosis, clin. picture & ther. (Rus) 55155
mumps, causing sterility (Ser) 9959
mumps, fatal (Nor) 43231
mumps, review 15044
mumps, ther., ACTH & adrenal cortex hormones 5354

***in infant and child***

with testicular torsion (It) 54220

***ORIENTAL SORE*** *see* **LEISHMANIASIS, CUTANEOUS**

**ORIENTATION**

in Megachiroptera, paleotropical bats 17375
orientation to visible environment & environment beyond range of vision in animals 3120
perception of upright, relation to personality, review 54430
spatial disorientation, case report (Fr) 27348

***ORINASE*** *see* **ANTIDIABETICS**

***ORNITHINE*** *see* **AMINO ACIDS**

**ORNITHOSIS**

broncho-pulm., diag., clin. aspects & epidemiol. in No. France (Fr) 32388
in turkeys, isolation & identification of virus 12759

***case reports***

(Fr) 54612
(Ser) 45905

***complications***

abortion in sheep caused by psittacosis-lymphogranuloma virus 4648

***diagnosis***

serodiag. by substitution of ornithosis-related antigens from Bacillus mitratum 35380
serol. (Ger) 32302

***epidemiology***

in Japanese pigeons 4338
in Pennsylvania 40394
in Wisconsin, human psittacosis outbreak transmitted from turkeys 24639
psittacosis in Yugosl. (Ser) 18517
review & report of outbreak in turkey-processing plants in Texas 11614

***experimental***

eff. of spiramycin on infect. in mice & chick embryos (Fr) 26671

***immunology***

detection of indirect complement fixing antibodies in Japanese chicken, technic & results 4335

***in infant and child***

psittacosis inclusion bodies in inf. with myocarditis, autopsy findings 33530

***manifestations***

kidney (Fr) 54053

***therapy***

chlortetracycline in psittacosis in parakeets 47617

***virus*** *see* **MIYAGAWANELLA**

**OROTIC ACID**

***effects***

on blood pentose fractions in normal subjects (It) 42629
on choleresis in animals & humans (Ger) 19374
on growth of exper. neoplasms in rats (It) 330
on Lactobacillus bulgaricus growth (It) 334
on nucleic acid level in liver of rats (It) 35533

***metabolism***

CNS, incorporation into deoxyribonucleic acid in non-dividing cells in cat neuraxis 16965
incorporation into ribonucleic acid & ribonucleotides of exper. liver tumors in rats 26004
incorporation of carbon-labelled orotic acid in regenerating single nerve cells 19524

***therapeutic use***

potassium orotate, in chronic liver dis. (It) 9272
potassium orotate in post-gastrectomy edematigenous complex defic. synd., with vitamin E (It) 25631

***ORTHO-AMINOBENZOIC ACID*** *see* **AMINOBENZOATES**

**ORTHODONTICS**

***see also*** **MALOCCLUSION**

eff. of orthodontic treatment on shape of face (Ger) 51782

**ORTHOPEDICS**

***see also*** **BONE DISEASES**

contribution of German A. Al'brekht (Rus) 52870
contribution of Buckminster Brown 48755
contribution of Robert Chesshar 29291
cooperation of neurosurgeon with orthopedist in pain associated with orthopedic dis. 8471
duties, train. & certification of orthotists & prosthetists 53803
fabrication of balance inlays from leather inserts for foot imbalance 16739
geriatric aspects (Bul) 28776
in Gt. Brit. 40622
in Russia (Cz) 11853
in Vietnam (Cz) 11854
indic. for iproniazid ther. 39159
nomenclature, problems (Ger) 34252
office fabrication of balance appliances for foot 16740
orthopedic problems in GP 18102
progr. (Ger) 22884
progr. in pediatric orthopedics (Fr) 41123
rehabil. of aged orthopedic patients, aims & limitations (It) 42581
review (Ger) 7109
52244
technic for finger & toe extension (Ger) 34267
traction, technic for permanent extension (Ger) 34268
vasc. inj. in orthopedic patients 40609

***apparatus and instruments***

***see also*** **CRUTCHES**

***see also*** **SPLINTS**

adjustable back & leg supports (Ger) 34303
chair device for prev. & ther. of truncal deformities in polio. patients (Sp) 29371
dynamometer for crutches & canes (Rus) 43387
exper. spinal brace 36294
foot roller (Dan) 45521
orthopedic bed made from slotted angle iron 48595
plast. r cast cutter (Rus) 52869
suprometer for measurement of supination & pronation of forearm (Rus) 43386

***history***

hist. of bone-setting 22485
in Austria (Ger) 40951
in U.S., founding of Boston Orthopedic Institution 16992

***surgery***

anesth. (Ger) 51040
anesth., clin-curarcon (It) 11826
anesth. in minor surg., comparison of recovery time with & without 4, 4-ethylmethylglutarimide 12061
anesth., sympath. nerve blocks 4510
arthrodesis & arthroplasty 35216
biochem. aspects (Bul) 28763
changes in circulating blood volume incident to major orthopedic surg., determ. with radioiodine-labeled serum albumin 50185
eff. on adreno-cortical response, Thorn test 16305
endoprosth. & medullary nailing, causing stress reactions (Ger) 29485
hydroxyzine as coadjuvant in segmentary peridural anesth. (It) 6781
indic. & technics, review 18700
postop. blood protein picture (It) 19185
review 20573
review (Fr) 34269
risk in aged, mortal. statist. (Fr) 12989

**ORTHOPTICS**

definition & orthoptic train. of child. 27058

***history***

Bates system in Germany (Ger) 28887

***in various diseases***

strabismus (Fr) 9089
14485
strabismus, oblique fixation of squinting eye (Pol) 38849

**OSCILLOMETRY**

cathode oscillography (Fr) 8313
eff. on histamine wheal test in determ. of peripheral blood circ. 43618
in diag. & progn. of inj. of limb joints (It) 21469
oscillography in general anesth. (It) 37533

***apparatus and instruments***

appar. for logarithmic calculation standards (Ger) 30555
modified arterial oscillograph for blood pressure registration in dogs (Rus) 49555

***in various diseases***

after lumbar sympathectomy with adrenal medullectomy in vasc. dis. of legs (Ger) 11388
arterial, in diphtheria (Rus) 36278
arterial oscillography in schizophrenia (Fr) 44203
bilateral oscillography in diag. of peripheral vasc. dis. (Ger) 49068
oscillography in diag. & ther. of traum. aneurysms of extremities (Rus) 45668
oscillography in lumbosacral radiculitis (Rus) 45145
peripheral vasc. dis. (Rus) 45884

peripheral vasc. dis., diag. value (Ger) 49843

skin dis., occup. (Rus) 13880

***OSLER-RENDU DISEASE see*** ANGIOMATOSIS

***OSLER-VAQUEZ DISEASE see*** POLYCYTHEMIA VERA

## OSMIUM

osmium suboxide increase of density of biol. specimens in electron microscopy 16953

removal of osmic acid stains from glassware & appar. prior to prep. & staining of tissues 19659

## OSMOSIS AND PERMEABILITY

***see also*** DIALYSIS

cellulose acetate membranes suitable for osmotic measurements 53363

colloidal osmotic pressure of blood, eff. of glucose loading (Ger) 24844

exosmosis in plants induced by x-rays (Rus) 25911

glucose distribution between plasma water & musc. water 40563

measurement of colloid osmotic pressure through hydrostatic compensation, micromethod 32244

osmosis through collodion membrane, exper. study 17333

osmotic activity of cells during mixed dehydration in horse (Fr) 26860

osmotic pressure of blood, determ. before & after electroshock & pentylenetetrazole shock in rabbits (Fr) 33935

osmotic regulation of body fluid balance, role of vasopressin (Ger) 35579

osmotic resist. of leukocytes in exper. leukopenia caused by heterologous anti-leukocytic immune serum (It) 32111

osmotic uniformity concept, relation to hyper- & hyponatremia 55141

permeability of glomerular renal membranes to polyvinylpyrrolidone, determ. by molecular sifting in dogs (Ger) 55485

permeabilizing eff. of heparin & heparin-like substances 7249

rapid automatic semimicro colloid osmometer 50732

review (Ger) 39219

semipermeability of cell nuclear membrane 19482

transfer of solutes in moving fluids through walls of biol. tubes, theoretical study 51100

## OSSIFICATION

***see also*** SYNOSTOSIS

in bone marrow grafts in rats (Fr) 11855

of distal femoral epiphyseal nuclei in evaluation of postmaturity of newborn inf. (Cs) 14857

of fibrocartilage grafts from exper. fract. in rats (Fr) 3123

of tarsal navicular, relation to Koehler's dis. 40640

of thyroid, cricoid & arytenoid cartilages, x-ray manifest. & histol. 9776

osteogenic potential of calcium hydroxide & other material in soft tissue & bone wds. 40778

parosteal, with mosaic distribution, peculiar form, relation to periostitis deformans (It) 26593

***effect of drugs on***

estradiol-17β-n-valerate on endosteal ossification in mouse femur 39193

***physiology***

acid phosphatase distribution during endochondral ossification (Fr) 26717

acid phosphatases in endochondral ossification in mice, rats & man (Sp) 8904

develop. of ossification centers in inf. of diabetic mothers 35112

relation of alkaline phosphatase activity to calcification process, histochem., review 35287

relation of ossification centers to maturity of newborn, x-ray (Cs) 14856

retarding eff. of protracted undernutrition on appearance of the postnatal ossification centers in hand & wrist 49976

role of glycogen in direct & endochondral ossification, histochem. study 16976

## OSTEITIS

ethmoid bone, possible etiol. role in aplasia of frontal sinus (Fr) 41389

***case reports***

chronic, of femur neck, relation to osteoid osteoma (It) 38786

condensans ilii (Fr) 45019

gummatous of cranium 14177

pubic bone (Sp) 53353

***etiology and pathogenesis***

syphilis (Fr) 9004

***in pregnancy***

osteitis condensans ilii, x-ray differ. diag. from disloc. of pelvic girdle (Ger) 39406

***pathology***

alveolar, histopathol. 17868

## OSTEITIS DEFORMANS

relation to osteoporosis circumscripta cranii of Schüller (It) 31625

with Grönblad-Strandberg synd., review & case report (Fr) 14497

***blood in***

glycoprotein & mucoprotein changes in localized synd. (Fr) 54465

***case reports***

clin. & x-ray studies (Rus) 45757

patella 40620

***complications***

basilar impression, diag. (It) 8547

fibrosarcoma of humerus, case with long survival 40636

hemosiderosis, cutaneous, of legs (Fr) 21393

ment. disord., with cranial (It) 33148

paraplegia in osteitis deformans of thoracic vertebrae & 8th rib, x-ray diag. (Rus) 29165

sarcoma of femur, case with long survival after amputation 40637

tabes dorsalis, case reports (Fr) 8335

***differential diagnosis***

fract. caused by osteodystrophy in aged (Ger) 38432

***etiology and pathogenesis***

(Fr) 48359

***manifestations***

osteoporosis of skull as early manifest. (Fr) 44795

***pathology***

anatomopathol. (Fr) 48358

***surgery***

bone graft replacement in monostotic osteitis deformans, case report 33479

## OSTEITIS FIBROSA

cystica generalisata, ocular, pancreatic & maxillary manifest. & case report (Fr) 44784

Recklinghausen's dis., case reports & review (Ger) 27378

***case reports***

Albright dis. with chronic myelocytic leukemia (Sp) 53930

Albright's synd. in child. (Fr) 33937

Albright's synd., manifest., hyperchloremic renal acidosis (Fr) 54448

in hyperparathyroidism with breast carcinoma metastasis to parathyroid gland 14751

isolated cranial osteodystrophia fibrosa (Rus) 55316

55317

Jaffe-Lichtenstein dis. 22070

Jaffe-Lichtenstein dis. in native of Somaliland, with pulm. tubere. (It) 36207

Jaffe-Lichtenstein dis., polyostotic, (Ger) 37755

Jaffe-Lichtenstein dis., relation to syringomyelia (Ger) 36480

Jaffe-Lichtenstein dis., unusual case (Den) 10649

Jaffe-Lichtenstein dis. with endocrine disord. 11965

knee, in child with pithiatic paraplegia (Fr) 51507

Recklinghausen's dis. (Rus) 41503

Recklinghausen's dis. caused by hyperparathyroidism (Sp) 21182

Recklinghausen's dis., x-ray & histopathol. (It) 2500

***diagnosis***

Jaffe-Lichtenstein dis. of jaw, x-ray diag. 20950

***etiology and pathogenesis***

traum. malocclusion causing Jaffe-Lichtenstein dis. & asymmetry of facial bones, pathol. & case reports 35331

***in pregnancy***

fibrous dysplasia, polyostotic, case report 12407

***manifestations***

Recklinghausen's dis., x-ray manifest. 42718

***therapy***

Jaffe-Lichtenstein dis. 35285

RE tissue extract (Por) 19994

## OSTEOARTHRITIS

clin. manifest. & ther. 42136

diag. & management 51591

hip, venographic demonstration of circ. disord. 46660

knee (Por) 39975

knee, x-ray diag. (Por) 16130

review 13632

***case reports***

hip, in gorilla 48781

neurogenic osteoarthrosis (Pol) 30712

***complications***

cervical, with atrophy of mucosa & constrictor musc. of pharynx (Fr) 44673

dysphagia due to osteoarthrosis of cervical spine 38002

***differential diagnosis***

spine, from malform. of atlas causing cervico-occipital neuralgia (It) 36208

***epidemiology***

in urban population 36301

***etiology and pathogenesis***

alkaptonuria, x-ray manifest. 12665

decompression cond., x-ray diag. in workers (Fr) 13475

knee, after patellar fract. ther. (Ger) 23187

prednisone ther. with subsequent infect. osteoarthritis (Fr) 54191

smallpox 17433

***manifestations***

deformans endemica, early features (Rus) 43343

x-ray in osteoarthritis following hip subluxation, comparison with osteitis condensans ilii 47896

***pathology***

articular cartilage 21406

Heberden's nodes (Ger) 3205

***surgery***

hip, intertrochanteric osteotomy 54189

hip, trochanter chiseling with partial ligament & capsule resection & adductor tenotomy (Ger) 25347

***therapy***

hexylresorcinol, statist. 21408

hip, conservative ther. & surg. 18736

hydrocortisone & prednisolone & tert-butylacetate deriv., intra-articular inject. 17017

hydrocortisone, prednisolone, phys. & surg. ther. in osteoarthritis of knee (Por) 51645

intra-articular inject. ther. in osteoarthritis of knee, statist. 40625

mobilization & metab. of pathol. tissues as primary objective of ther. 24716

rubefacient ointments in osteoarthritis of spine 14078

vitamin E as ther. coadjuvant (Por) 16134

## OSTEOARTHROPATHY, HYPERTROPHIC PULMONARY

(Fr) 45013

in dog, clin.-pathol. report 40400

secondary 30153

***case reports***

(Bul) 33826

45297

(Pol) 30742

synd. of exophthalmos, hypertrophic osteoarthropathy & localised myxedema 47517

unusual evolution of case secondary to lung cancer treated with x-ray ther. (It) 19245

with bronchial carcinoma, surg., vagotomy 6130

***complications***

achalasia of cardia & carcinoma of esophagus 37716

echinococcosis, hepatopulm., case report (Fr) 17680

hyperthyroidism assoc. with pretibial myxedema 17047

***etiology and pathogenesis***

bronchial cancer (Ger) 396

bronchial cancer, x-ray ther. (Bul) 32823

cancer of lung (It) 31746

cancer of lung, develop. of osteoarthropathy after exploratory thoracotomy & radiother. (It) 3722



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

generalized, caused by abdom. cancer 41166

lung dis., review (It) 31748

*pathology*

hippocratic finger (Sp) 32466

hippocratic fingers, clin. & x-ray aspects (Fr) 31095

relation to hippocratic fingers (Tur) 33005

*physiology*

eff. on peripheral circ. 8488

**OSTEOCHONDRITIS**

dissecans, case report & x-ray manifest. 6495

Koehler's dis. 20483

relation to body types (Fr) 45768

Scheuermann's dis. (Dut) 19726

*case reports*

ischiopubic (Fr) 54185

ischio-pubic (Hun) 29164

Kienböck's dis. of wrists, bilateral (It) 9334

osteochondrosis of capitulum humeri 36013

Perthes dis. (Pol) 38459

*complications*

cervical spine, with spinal cord synd. (Ger) 19756

*diagnosis*

dissecans, x-ray diag. (Fr) 5324

Scheuermann's dis. of lumbar spine, x-ray (Ger) 34275

*in infant and child*

clavicle (Fr) 31119

Legg-Perthes dis., progn. & case reports 5727

patella (Ger) 34548

*manifestations*

vasc. changes of hand in Kienboeck's dis., arteriography (Ger) 25686

*pathology*

Koehler's dis. 50406

Koehler's dis., relation to ossification & vascularization of tarsal navicular 40640

*physiology*

calcaneum growth in Koehler's dis. (Ger) 51233

*therapy*

cervical (Ger) 11017

***OSTEOCHONDROMA** see* **OSTEOMA**

***OSTEOCHONDROSIS** see* **OSTEOCHONDRITIS**

***OSTEOFIBROMA** see* **FIBROMA**

**OSTEOGENESIS IMPERFECTA**

essential fragilitas ossium (It) 3642

Lobstein's dis., manifest., hered. & case reports 35195

*case reports*

(Por) 20247

(Sp) 1805

atypical, with cystinuria in mentally retarded siblings 46539

congen., in 4-month-old girl, hered. aspects (Fr) 25495

congen., Porak-Durante dis. (Fr) 26242

familial group (It) 48111

in 2-month-old inf., case report (It) 43478

in utero x-ray diag. 50986

newborn inf. (Ger) 25277

unusual form (Ger) 34382

with irregular cutaneous pigmentation & other congen. malform. 168

*complications*

deafness in van der Hoeve's synd. & Lobstein's dis. (Fr) 47467

dyschondroplasia, case reports (Dut) 7298

hyperplastic bone reaction after thymoparathyroidectomy (Fr) 31060

massive hyperplastic callus form., simulating osteogenic sarcoma, after fract. of femur 36003

*diagnosis*

x-rays (Fr) 41407

*surgery*

(Ger) 51236

**OSTEOMA**

***see also* EXOSTOSES**

*case reports*

femur, clin. pathol. conf. 43160

frontal & ethmoidal sinuses & left nasal cavity 28477

fronto-ethmoidal, giant, with orbital & endocranial invasion (It) 13497

mastoid process (Rus) 10777

orbit 675

orbit (Fr) 43343

osteochondroma of coronoid process of mandible 17875

osteochondroma of scapula 36009

osteochondroma of spine (It) 36785

spongiosum, of sternoclavicular joint (Ger) 34283

tenosynovial osteochondroma in hand 40608

*diagnosis*

cranium, x-ray (Fr) 31112

*etiology and pathogenesis*

necrotic paranasal osteomas (Cz) 14845

*in infant and child*

osteochondroma, statist. & relation to skeletal growth 4804

*surgery*

external auditory canal 18482

**OSTEOMA, OSTEOID**

review & case report 28313

review & case report (It) 15896

*case reports*

(Rus) 45756

femur neck, relation to chronic ostetis (It) 36786

ilium, x-ray diag. & surg. 50120

mandible, concurrent with submaxillary gland calculi 20148

vertebral 50401

*differential diagnosis*

femur, differentiation from atypical osteomyelitis, case report (Ger) 46803

**OSTEOMALACIA**

(Fr) 10034

after ureterosigmoidostomy, pathogen. & case reports 37672

patella (Tur) 32996

*case reports*

vitamin D resist. in cases caused by renal phosphate reabsorp. disord. 12357

with celiac dwarfism & anemia 20698

with chronic nephritis in adult (Fr) 35610

*complications*

secondary hyperparathyroidism in sprue (Ger) 23094

*diagnosis*

static & dynamic diag. tests (Sp) 8795

*etiology and pathogenesis*

bismuth ther. of syphilis, causing decalcifying osteosis (Fr) 44776

internal dis., review (Ger) 49311

prednisone ther. of pemphigus vulgaris (It) 3905

renal tubular acidosis, report of case with multiple spontaneous fract. 38402

rheum. arthritis, case report (It) 54441

stenosis of D2 & D3 portions of duodenum, with tetany (Fr) 45017

*in infant and child*

caused by lipoid nephrosis (Fr) 35491

*in pregnancy*

chromatography of urinary amino acids (Fr) 26219

*metabolism*

calcium & phosphorus changes in cases assoc. with osteoporosis, diag. value (Fr) 24771

*therapy*

vitamin D (Fr) 28078

**OSTEOMYELITIS**

acute (Fr) 39477

jaws, predisposing cond. & surg. 40655

*blood in*

antistaphylolysin titer, in child (It) 43470

*case reports*

calcaneal following triple arthrodesis 12714

5th toe 16756

hip, chronic postop. cases 34975

mandible, in Chinese subject 20133

*complications*

femur fract. in hematogenic osteomyelitis, osteosynthesis with metal pin (Rus) 43414

hemorrh. of popliteal artery secondary to decubitus ulcer on bone irregularity of osteomyelitic femur (It) 25615

micrococcal bacteremia, novobiocin ther., case report 34886

*diagnosis*

arteriography (Cz) 9437

femur neck, x-ray (Fr) 44305

*differential diagnosis*

femur, differentiation from osteoid osteoma, case report (Ger) 46803

*etiology and pathogenesis*

femur, caused by Salmonella choleraesuis infect., ther., chloramphenicol (Ger) 55727

granulomatous osteomyelitis of femur in cat-scratch dis., case report 52647

Salmonella bareilly infect., case report (It) 37306

Salmonella infect. with sickle cell anemia, case reports (Fr) 38195

Salmonella paratyphi B causing occipital osteomyelitis with subsequent epidural abscess, case report (Fr) 35249

urinary tract infect., relation to paravertebral venous plexus 2143

*experimental*

mandible, induced by x-irradiation in dogs 53739

pathogen. in rabbits (Rus) 45753

*in infant and child*

acute, hematogenous, of spine with thrombophlebitis caused by Micrococcus pyogenes aureus septicemia, case report 10691

acute hematogenous, surg. & antibiotic & sulfonamide ther. (Ger) 38453

caused by Escherichia freundii, cortisone ther. (Ger) 24236

caused by intramedullary fluid infusions in premature inf., case reports (It) 42805

caused by Salmonella newport infect., case report 8481

chronic, ther. (Sp) 8825

differ. diag. from extension fract. of tibia (Cz) 38319

elbow & other sites, caused by smallpox 8490

frontal bone, after maxillary sinusitis, case report (Sp) 44418

hematogenous, of femur, eff. on epiphyseal growth juncture (Ger) 29054

in newborn, statist. (Fr) 45007

maxilla, antibiotic ther. & surg. (Pol) 30331

maxilla, with facial hemiatrophy after 25 years (Ger) 23051

relation to vitamin C defic. (It) 9289

spine, intervertebral disk changes (Ger) 15389

ther., 3-sulfanilamido-6-methoxypyridazine (It) 42779

tooth germ (Ger) 42396

*metabolism*

protein content of long bones of hands & feet (It) 44844

*surgery*

osteoplastic replacement of bone defects in chronic osteomyelitis, technics (Ger) 34541

*therapy*

antibiotics & sulfonamides in chronic fistulous osteomyelitis, local admin. (It) 44334

chronic, autogenous vaccine 36320

femur neck, antibiotic ther. (Ger) 15395

penicillin, local admin. (Rus) 9902

**OSTEOPATHY**

current status 53287

progr. 4545

16684

unlawful use of title, doctor of osteopathy 31608

*education*

in U. S., statist. 50249

Kirksville College of Osteopathy & Surg., Rural Clinics Program 50248

**OSTEOPETROSIS**

*case reports*

(It) 42653

familial (Ger) 34272

melorheostosis (Dut) 28708

unusual skull & finger changes 37617

*heredity*

(Ger) 21639

*in infant and child*

with rickets & scurvy in Negro 37618

*in pregnancy*

melorheostosis, case report 7614

*transmission*

exper. transm. of avian osteopetrosis 17110

**OSTEOPOROSIS**

circumscripta cranii, case reports & relation to Paget's dis. (It) 31625

idiopathic 4788

skull, as early manifest. of osteitis deformans (Fr) 44795

Sudeck's atrophy, clin. manifest., x-ray findings & ther. (Ger) 22838

Sudeck's atrophy, histopathol. & case reports (Fr) 47343
Sudeck's atrophy, pathogen. & neurol. aspects, clin. study & review (Ger) 48349
Sudeck's atrophy, sympt. & ther., comparison with shoulder-hand synd. 31278

*case reports*

with oat cell carcinoma of lung & adrenocortical hyperplasia, clin. pathol. conf. 30147

*complications*

Brown-Séquard synd. (Ger) 55443
diffuse, with amyloidosis of liver & kidneys (Rus) 45105
paralytic polio., ther., total bone extract (It) 6956
Sudeck's atrophy with diabetes mellitus, prednisolone ther. (Ger) 18983

*diagnosis*

static & dynamic diag. tests (Sp) 8795

*etiology and pathogenesis*

50214
(Ger) 45393
adrenal cortex hormone ther. of rheum. arthritis 35223
adrenocortical hyperplasia 17030
bismuth ther. of syphilis causing decalcifying osteoporosis (Fr) 44776
internal dis., review (Ger) 49311
prednisone ther. of pemphigus vulgaris (It) 3905

*in aged*

management, review 49778
ther., protein-calcium enriched diet (Fr) 41931

*in infant and child*

caused by lipoid nephrosis (Fr) 25491

*metabolism*

calcium & phosphorus changes in cases assoc. with osteomalacia, diag. value (Fr) 24771

*pathology*

fish vertebrae (Ger) 34265
reversibility 4851
spine changes (Ger) 34293

*therapy*

phys. ther. in Sudeck's atrophy (Ger) 23100
Sudeck's atrophy (Ger) 18915
Sudeck's atrophy, ther., magnesium dehydrochloric acid-magnesium nicotinic acid prep., eff. on blood circ. (Ger) 42911
Sudeck synd., ther., β-butoxy-ethyl-nicotinic acid - nonylic acid vanillamide ointment (Ger) 55714

*OSTEOSARCOMA see* SARCOMA, OSTEOGENIC

## OSTEOSCLEROSIS

osteopoikilosis (Ger) 11401
38905

*case reports*

isolated cranial localization in myeloid splenomegaly (Fr) 18011
osteopoikilosis with dermatofibrosis lenticularis disseminata (Dut) 52482
sclerosis of spongiosa of bone with urticaria pigmentosa, x-ray manifest. & pathol. 53719
spine, in multiple myeloma (Ger) 21655
with calcification of kidneys & hypothyroidism, clin. & post-mortem aspects (Pol) 30380

*etiology and pathogenesis*

metastatic carcinoma of prostate (Sp) 31804

*OSTEOSCLEROSIS MYELOFIBROSIS see* ANEMIA, LEUKOERYTHROBLASTIC

## OTITIS

barotrauma, in aviators, relation to nasopharyngitis & noise (Fr, Dut) 46555

*etiology and pathogenesis*

cholesteatoma of inner ear (Fr) 35239
scarlet fever, penicillin ther. (Fr) 31046

*in infant and child*

otoantritis, pathogen. (Ger) 49824
paracentesis with severe hemorrh. in inf. with afibrinogenemia, case report (Fr) 47479
secretory, tonsillectomy, adenoidectomy & myringotomy 31474
ther., 3-sulfanilamido-6-methoxy-pyridazine (It) 42779

*physiology*

laxity of ossicular articulations in adhesive otitis (Fr) 47466

*therapy*

3-(p-amino-benzolsulfonamido) 2-phenyl-pyrazol (Ger) 3276
penicillin in acute otitis, statist. (Cz) 14841
x-ray, in otitis media & externa (It) 53795

## OTITIS EXTERNA

(Ger) 42370
in tropics 20589

*case reports*

in Cyprus & Germany 50750

*etiology and pathogenesis*

alteration of lipid content of ear canal by temperature & humidity, exper. study & review 51353
necrotic otitis of external auditory meatus (Cz) 14846

*microbiology*

survival of exogenous bact. in external canal under varied cond., exper. study & review 51352

*surgery*

ablation of ear canal in chronic canine otitis externa 16763
in bilateral stenosing chronic inflamm. of auditory canals (Ger) 19315

*therapy*

antibiotic-fludrocortisone prep. in dogs 50290
management 19278

## OTITIS INTERNA

*differential diagnosis*

vertigo caused by cerebellopontine tumor, insuff. of basilar artery & Meniere's dis. 43703

*etiology and pathogenesis*

scarlet fever, with internal carotid artery infect. (Ger) 52177

## OTITIS MEDIA

acute, review 4208
34948
recur. 42167
spontaneous tympanoplasty in 13495
tubotympanitis, microbiol. & protein-bound carbohydrates in effusions 1191
unresolved 10252

*complications*

brain dis., case reports (Rus) 38428
cerebellar & cerebral abscesses 10766
deafness following inadequate ther. 22470
facial paralysis in unrecognized mastoid fract., surg., case report (Fr) 38161
hearing loss, surg., tympanoplasty, indic. & results 36264
kopf-tetanus in chronic suppurative otitis media, case report (Sp) 23910
meningitis, with unusual intracranial compl. & psychol. manifest. (Ger) 23033
rheum. fever (Ger) 19316
sero-mucinous catarrh, causing middle-ear deafness, surg. 28479

*etiology and pathogenesis*

allergy (Rus) 9891
diphtheria in adult, case report 41072
polio. (Fr) 30230
systemic factors in middle ear effusion 6219

*experimental*

pathol. biophysics of sound conduction chain in guinea pigs (Ger) 25331
reinfect. in laboratory animals, pathol. 23447

*in infant and child*

acute suppurative, ther., penicillin, chlortetracycline & oxytetracycline, comparisons 35332
causing facial paralysis, surg. (Fr) 25479
diag. of latent cases (Bul) 28704
etiol. relation of coughing during whooping cough (Cz) 14852
etiopathogen. & compl. (Ger) 3256
salt-losing otorrhea after cranial fract., case report 2251
secretory, review 23455
serous 11733
surg. (Fr) 51506
surg., myringotomy 5181
ther., hyaluronidase assoc. with antibiotics (It) 42752
with pseudoappendicitis (Ger) 22782
with pyoderma gangrenosum, possibly caused by Pseudomonas infect. or Shwartzman phenomenon, in inf. 23521

*manifestations*

x-ray tomography (It) 23913

*metabolism*

calcium & magnesium in blood & middle ear secretions in various forms of otitis (Rus) 22657

*pathology*

relation to mastoid pneumatization 35290

*statistics*

in Filipinos 7989

*surgery*

acoustic probe in preop. & postop. exam. (Cz) 14839
chronic suppurative, indic. & technics 5233
chronic suppurative otitis media (Fr) 36157
myringostapedopexy, postop. hearing evaluation (Ger) 49821
paracentesis tympani, postop. dressing & drainage methods (Fr) 13067
petromastoid évidement, attico-antrotomy & tympanoplasty, methods & results (Por) 53873
postop. hearing acuity & dryness of cavity following various surg. technics, comparative follow-up statist. 35294
radical surg., delayed intracranial & extracranial compl. (Ger) 19317
retrosinuic. tympanoplasty, evaluation (Ger) 49827
tympanoplasty in child., postop. hearing acuity (Rus) 45723
tympanoplasty, technics & results (Hun) 3648
various technics in chronic suppurative otitis media 11734

*therapy*

antibiotics, indic., compl. & recur. 2264
antipyrine-procaine-sodium salicylate ear drops 35292
bacitracin & polymyxin with trypsin, local admin. (It) 30340
ferrous chloride solution (Rus) 55222
hydrocortisone & hyaluronidase, pertubal admin. in catarrhal forms (Ger) 11264
otorrhea, bact. resist. to antibiotic ther. (Sp) 23922
penicillin, compl., empyema of petrous pyramid appearing 3 months later (Ger) 19318
promethazine in secretory otitis media 23456

*OTOLOGY see* OTORHINOLARYNGOLOGY

## OTORHINOLARYNGOLOGICAL DISEASES

*see also* EAR, *diseases*

*see also* LARYNX, *diseases*

*see also* NOSE, *diseases*

*see also* THROAT, *diseases*

allergic, related hormones 55019
allergy 7990
in armed forces personnel in Germany, expert testimony (Ger) 11259
multilocular carcinomas, differentiation of primary or metastatic origin (Ger) 45949
of Freud 3539
review (Ger) 42948

*etiology and pathogenesis*

skin diving 11729

*heredity*

review (It) 43339

*in infant and child*

micrococcal in hosp. (Ger) 11135
perop. compl. caused by local anesthetics (Sp) 22906

*prevention and control*

chronic dis. (Rus) 55214

*surgery*

anesth. causing compl. & fatal reactions (Rus) 45718
anesth., hydroxydione succinate (Fr) 34751
53249
anesth., hydroxydione succinate (Ger) 27747
appar., combined lip retractor & throat pack holder 35944
local anesth., tox. eff. (Sw) 32849
plastic surg. 49385
postop. metab. disord., ther., 4β-chlorotestosterone acetate (It) 13504
tripelennamine anesth. 43583
use of antitussive nonaethylene-glycol-monomethylether-p-butyl-aminobenzoate (It) 30350

*therapy*

acupuncture (Rus) 55213
balneother. (Fr) 10037
2,5-bis-aziridinyl-3,6-dipropoxy-quinone in otorinolaryngol. tumors (Ger) 34192
colimycin (It) 52036
indic. for isotope ther., local irradiation (Ger) 39015
Matheida water from spring in Casciana Terme, Pisa (It) 25965

med. & surg. indic., review 18685

nutritional & psychosomatic management of mucosal dis., application of stress concept 18490

otorhinolaryngol. dis. & neoplasms, ther., radiocobalt telether., methods & results (Fr) 13132

pain ther. 39303

review 20565

3-sulfanilamido-2-phenyl-pyrazole (It) 52077

ultrasonics 3501

vitamin C (Ger) 22893

**OTORHINOLARYNGOLOGY**

atopic dermatitis & contact dermatitis management in r rhinolaryngol. practice 55021

changes in recent times (Hun) 39426

contribution of H. Burger 20542

contribution of Jules Mouret (Fr) 44655

current progr. (Fin) 32710

Dutch Soc. of Otorhinolaryngol., progr. 20534

Dzerzhinski Children's Hosp., Moscow, otorhinolaryngol. serv. (Rus) 7936

in Russia (Rus) 45716

malpractice suits in otolaryngol. 29329

neurotol. aspects of CNS dis. (Hun) 3647

otol., develop. in Netherlands 20535

otolaryngol. in Royal Med. Army Corps 18041

otolaryngol. in Russia 12317

otorhinolaryngol. & other physiol. compl. of submarine activities as compared to amateur & professional diving (Fr) 41935

review 41897

trends (Fr) 41121

*apparatus and instruments*

funnel-shaped otoscope without light reflex (Dut) 52483

laryngostroboscopic short-film appar. (Ger) 25335

new laryngeal spray for local anesth. 47316

salpingoscope for tubal auscultation 41901

twin phonoscope for ear auscultation 46490

*education*

proposed 4th year of train. for certification in otolaryngol. 11719

18476

*history*

in Spain (Sp) 23912

otol., develop. (Dut) 52496

**OTOSCLEROSIS**

*see also* **FENESTRATION**

*case reports*

in identical twins 13293

*etiology and pathogenesis*

failure to demonstrate etiol. relation to blood chem. (Cz) 14844

*in infant and child*

differ. diag. from congen. footplate fixation 13290

*physiology*

laxity of ossicular articulations (Fr) 47466

*surgery*

acoustic probe in preop. & postop. exam. (Cz) 14839

exper. stapes mobilization, repair process & compl. 1189

fenestration versus stapes mobilization (Fr) 23897

interposition (Fr) 9064

new methods (Ger) 54360

perf. of base of stapes, first case by Aldosterone (Fr) 13079

perf. of base of stapes, indic. & results (Fr) 13079

present status of stapes surg. 30178

stapes mobilization
17426 19880 23445 26282
28474 29874 35312 37694
45078 45079

stapes mobilization after fenestration (Fr) 20541

stapes mobilization, evaluation by per-cent improvement formula 46478

stapes mobilization, hist. case 11717

stapes mobilization, hist. note with report of case published in 1842 (Fr) 47481

stapes mobilization, histopathol. of a case 15 months after surg. 112

stapes mobilization in otosclerotic deafness (Sp) 21145

stapes mobilization, instruments (Ger) 52178

stapes mobilization, perop. audiometric control (Fr) 31932

stapes mobilization, perop. detection of malform. & anat. variations of middle ear, review 6326A

stapes mobilization, retroauric. technic & statist. (Ger) 30958

stapes mobilization, Rosen technic 2198

stapes mobilization, surg. anat. of ear ossicles & temporal bone 6327

stapes mobilization, symposium 6329

stapes mobilization, technic (Ger) 11363

stapes mobilization, transtympanic, eff. on transm. characteristics of middle ear 11724

stapes mobilization with audiometric control, technic 5839

stapes mobilization with subsequent fenestration 18481

41900

*OUABAIN see* **STROPHANTHIN**

**OUTPATIENT SERVICES**

at Firmin Desloge Hosp., St. Louis, Missouri 16216

cooperation of pediatric department & outpatient serv. (Cz) 38340

for aged, results (Rus) 9919

for glaucoma (Rus) 45216

for patients with internal dis. (Ger) 49027

geriatric outpatient department of St. James's Hosp., Leeds, England 18403

in England, outpatient's department of St. James' Hosp., Balham 14054

in St. James' Hosp., Balham, England 14054

need for appointment system to prevent outpatient waiting for doctor 2273

Outpatient Clinic of Muscatatuck State School, Indiana, for retarded child. 24474

pediatric, problems requiring further study 43527

psychiatric day hosp., funct. & tasks (Dut) 49767

scope & develop. of hosp. outpatient serv. in relation to other health serv. in the community in New Zealand 10928

surg. (Rus) 45223

tuberc. clinics in Hungary, med. record & report forms & technics (Hun) 10564

tuberc. clinics in Hungary, med. research in (Hun) 10583

value & progr. of group care in public dispensaries (Ger) 15314

**OVARIES**

*see also* **CASTRATION**

*see also* **CORPUS LUTEUM**

*see also* **GRAAFIAN FOLLICLE**

*see also* **OOPHORITIS**

preserv. of ovarian funct. in young women in radiother. of cervical cancer (Dan) 22391

*abnormalities*

*see also* **TURNER SYNDROME**

agenesis, manifest. 48594

causing dystrophic infantilism, case report (It) 3850

displacement into right iliac fossa with inflamm., case report (Fr) 26257

dysgenesis, eff. on androgen prod. (Fr) 36064

dysgenesis, ther., ovarian homografts with millipore filter chambers 12426

dysplasia, diag., pneumopelvigraphy (Fr) 15185

sex chromatin studies of dysgenesis (Sp) 21185

terminol. & classif. (Ger) 15986

*anatomy and histology*

histol. & histochem. study of sheep ovaries 12743

interstitial cells, develop. & histochem. changes in rabbits (Pol) 39830

lymphatic vessels (Rus) 47855

normal ovary, Stieve's definition (Ger) 23230

*blood supply*

eff. of aging (Rus) 46624

ligation of vessels with subsequent pregn. 26379

spiral arteries, morphol. & funct. in guinea pigs, review (It) 25525

vasc. patterns of cortex, hilum & medulla (Sp) 20048

*cysts*

anal protrusion of ovarian cyst during labor 14948

benign, causing rectal hemorrh., case report 18758

cystic degen. caused by admin. of gonadotropin, with acute abdom. (It) 53773

cystomas of germinal epithelial origin, classif. 21514

differ. diag. from hemorrh. leiomyoma of small intestine, case report 12300

in mesocolon 50624

in pregn., surg. (Fr) 26259

of residual ovary after hysterectomy (It) 44830

polycystic ovaries 20078

surg. 13888

surg. (Sp) 3842

total cystic degen. caused by gonadotropin ther. of amenorrhea, differ. diag. in acute abdom. synd., case report (Fr) 14331

with oxyuriasis granuloma on peritoneal surface 50984

*diseases*

*see also* **STEIN-LEVENTHAL SYNDROME**

actinomycosis with perf. into bladder, case report 45578

causing hirsutism in women, differ. diag. from adrenal hirsutism by titration of urinary 17-ketosteroids & 17-hydroxycorticosteroids by ACTH infusion (Cz) 36119

causing intra-abdom. hemorrh. (Fr) 54380

dysfunct. causing appendicular dyskinesia, physiopathol. (Fr) 27714

exaggerated reaction to chorionic & pituitary gonadotropins, fatal case (Sp) 35967

funct. disord. causing dyskinesia & appendicitis 9478

hormonal disord., diag. value of determ. of 17-ketosteroids in urine (It) 8462

hyperovarianism in hybrid mice, role of pituitary gland 31370

hypophyseal-ovarian dysfunct. causing changes in mammary gland (Sp) 31801

insuff., diag. by non-nucleated epithelial cells of distal urethra in urinary sediment 40670

insuff., eff. of gonadotropic ther. on reticulocyte count (Ger) 49287

insuff., gonadotropin ther., hazards of antihormonal eff. (Ger) 41757

pituitary-ovarian asynergy, indic. for hormone ther. (Fr) 51470

theca-cell hyperplasia in pregn. 47000

torsion & infarction of normal ovary causing acute abdom. pain 54721

*effect of drugs on*

chorionic gonadotropins on hypothyroid rats, influence of adrenalectomy, hypophysectomy & androgens 12452

exogenous gonadotropins on rats on protein-free diet 31298

follicle-stimulating hormone & interstitial cell-stimulating hormone fractions in guinea pigs (Fr) 26936

follicle-stimulating hormone in amenorrhea 40667

human chorionic gonadotropin & pregnant mare serum on mouse ovary 17220

hyperfunct. induced by chorionic gonadotropins in rat (Ger) 34580

lipoid extracts of mammary gland & placenta & cholesterol, chemomorphotic eff. in young rats (It) 29627

pituitary gonadotropins in immature rats, correlation of eff. with type & mode of admin. & theory of superovulation phenomenon (Fr) 36049

pituitary gonadotropins, variations of sensitivity during estrus cycle (Fr) 26877

progesterone on ovarian morphol. in pregn. rats, pigs & sheep 13199

reserpine, prolonged long-term admin. in mouse (Fr) 15062

sex hormones & homologous gonadotropins on early develop. of right rudimentary ovary in left ovariectomized fowl 15593

*effect of radiations on*

x-ray contact ther. in graduated doses, on histochem. of ground substance of impuberal rabbit ovary (It) 8460

x-rays on hormonal funct. in rats 35094

x-rays on liquor folliculi histochem. after contact x-ray ther. (It) 20905

x-rays, regulation of ovarian response to x-irradiation by gonadotropic antiserum 12948

*function tests*

cervical mucus crystallization test (Rus) 46816

comparative clin. tests (Pol) 27611

crystallography of saliva, endometrium & nasal mucus, interrelation (Fr) 3134

endometrial biopsy in ovarian cycle disord. (Por) 12898

hormonal funct. evaluation by exam. of vaginal smears 24130

in female sterility, comparative hormone test, endometrial biopsy, vaginal cytol. & temperature curve methods, review (Sp) 225

urocytogram, clin. value in threatened abortion (Sp) 7568

vaginal smear (Rus) 45220

***hemorrhage***

apoplexy, differ. diag. from appendicitis (Rus) 18258

***hormones see*** **ESTROGENS**

***innervation***

asymmetry, clin. significance (Rus) 12119

in mammals (Fr) 3071

***metabolism***

cocarboxylase & coenzyme A, eff. of estradiol & gonadotropins (It) 37345

β-estradiol biosynthesis from acetate & testosterone in dog ovary slices, eff. of FSH 28247

1,3,5-estratriene-3β-ol-16,17-dione (Ger) 46595

free amino acid determ. in normal ovarian tissue 24839

iodides & thyroid hormones, fixation by frog ovary (Fr) 26792

lipid synthesis & distribution in chick embryos (Fr) 26904

phosphoprotein synthesis in frogs 31464

radiophosphorus in rabbit & guinea pig ovary, radioautography (Ger) 39545

thymidine incorporation in ovaries of Gryllidae, study by radiotritium labeling (Fr) 3516

***neoplasms***

***see also*** **ARRHENOBLASTOMA**

***see also*** **BRENNER TUMOR**

***see also*** **DISGERMINOMA**

***see also*** **GRANULOSA CELL TUMOR**

***see also*** **GYNANDROBLASTOMA**

***see also*** **THECA CELL TUMORS**

(Sp) 15499

age at onset, age incidence & fertility of patients (It) 222

benign, surg. 13886

benign, ther. (Sp) 39633

blood protein determ., clin. value (Sp) 8867

choriocarcinoma in 6-year old girl (Rus) 13138

choriocarcinoma, metastatic in 12 year old girl (Ger) 3937

chorio-epithelioma, case reports (Fr) 26232

cilio-epithelial malignant tumors, statist. & classif. (Rus) 33589

classif. (Sp) 39631

classif. & nomenclature, review (Sp) 37578

clin. diag., value in malignant tumors (Pol) 43646

C-reactive proteins in blood, diag. limitations (It) 33378

cystadenocarcinoma papilliferum, surg., follow-up (Dut) 43051

cystic teratoma (Ger) 35582

cystomas, biostatist. & pathol. study 34974

dermoid cysts, bilateral, surg. (Ger) 8139

dermoid cyst, ectopic with unicornuate uterus & ectopic kidney, case report 21813

dermoid cyst in dog, case report 40405

diag. & differ. diag. (Sp) 3841

diag. & ther. 38604

diag. value of peritoneal washings 38565

differ. diag. from inflammatory adnexal tumors (Ger) 52209

differ. diag. from mesothelioma of pelvic peritoneum 35765

early surg. followed by radiation ther. 44850

eff. of WvWv substitution on ovarian tumorigenesis in mice 5426

endometriosis, with intra-abdom. perf. in sisters (Dut) 30004

epithelial tumors with stromal thecal reaction 17833

feminizing tumors with uterine cancer, case reports (Ger) 27494

fibroma assoc. with fibroma of fallopian tubes, case report (It) 15889

free amino acid determ. in malignant human ovarian tissue 24839

hemangioendothelioma, relation to Meigs' synd., case report & review (Fr) 47346

hilus-cell & granulosa-cell tumors in same ovary 653

histogenesis 17834

in Cushing synd., case report 28968

infect. dermoid cyst with carcinomatous degen. & unusual hydroaeric x-ray image (Fr) 36178

inhib. of tumor form. in ovarian splenic implants in castrated mice by antigonadotropic serum 48566

inoperable, with peritoneal carcinosis metastasizing to omentum (Ger) 41720

Krukenberg tumor, bilateral, in pregn., case report (Por) 31853

Krukenberg tumor, unilateral, unusual case (Fr) 15172

lymphoma, malignant 13400

malignant, lactic dehydrogenase in ascitic fluid (It) 43570

mechanism of develop., exper. in guinea pigs & rats (It) 6877

Meigs' synd. (Nor) 10365

Meigs' synd. & struma ovarii, case report (Fr) 44630

Meigs' synd., case report 2619

Meigs' synd., case report (Fr) 18644

Meigs' synd., relation to gelatinous dis. of peritoneum (Fr) 18635

Meigs' synd., relation to pseudomyxoma peritonei (Fr) 4825

mesonephroma 10082

metastatic from cancer of stomach in pregn., case reports (Ger) 25179

multiple hemorrh. sarcoma in 7-year old girl (Rus) 12137

of residual ovary after hysterectomy (It) 44830

papillary cystadenocarcinoma with adenocarcinoma of cecum, case report (It) 2002

papillary cystocarcinoma with undifferentiated malpighian epithelioma of the portio vaginalis, (It) 21494

papilloma, superficial, case report & review (It) 47501

perchloride-soluble mucoproteids in serous cysts & cystadenomas, biochem. determ. 13108

primary carcinoid with teratoma (Fr) 2327

primary, in pregn., case reports 30093

primary unilateral cancer, surg., oophorectomy, review 2627

progn. 14763

rupt. of bilateral tumors (Fr) 6401

secretory tumors, review (Fr) 25094

stimulating mesonephroma 35766

solid tumors, with ascites & hydrothorax, etiopathogen. (It) 14011

struma ovarii, case report 2655

surg. & radiother. (Sp) 3843

surg. of benign cystic tumors (Sp) 3842

surg., postop. shock, prolonged arterenol ther. 34486

surg., remote results (Rus) 12121

teratoma 11768

teratoma, bilateral, in young women, surg. indic. (Fr) 27696

teratoma containing a carcinoid tumor in case of malignant carcinoid synd. 11970

teratoma, differ. diag. from urinary disord. (Ger) 34376

teratoma, histochem. of malpighian layer of tumor epithelium (It) 13115

teratoma, with endometrial adenocarcinoma (Dut) 29096

teratoma, with extracapsular loop of colon 35764

teratoma with tubercl. causing bladder perf. (Rus) 55169

thecoma, malignant (Fr) 51465

ther., 3,5-bis-aziridinyl-3,6-diproxyquinone & x-ray ther., statist. (Ger) 6101

ther., endoperitoneal admin. of colloidal radiogold suspension, eff. on serum proteins (It) 53684

ther., hosp. statist. (Ger) 6102

ther., radiogold, intraperitoneal admin. (Ger) 39013

tomother. of malignant tumors, statist. (It) 29641

tumorigenesis in mouse ovaries after x irradiation 38073

with ascites & pleural effusion, review (Sp) 44525

with ovarian abnorm., eff. of abnorm. on ther. success (Ger) 34584

x-ray differ. diag. from sigmoid tumors (Ger) 22889

***pathology***

histopathol. after hysterectomy 7632

in cancer of breast, histol. & histochem. (It) 33374

sclerosis in genetically male women with genital infantilism, case reports (Fr) 36059

***physiology***

activity after hysterectomy 50974

chem. identity of estrogens in left ovary of chick embryo using castrate rat bioassay (Fr) 38689

eff. of exper. hypothalamic lesions on funct. in rats (Fr) 48848

eff. of exper. splenomegaly & splenectomy (Rus) 48003

eff. of follicle stimulating hormone on estrogen & gonadotropin excretion in postmenopausal women, comparison with ovariectomized women 18561

eff. of higher nerv. funct. on hypophyseal-utero-ovarian system studied by eff. of amphetamine on pregn. rats in impuberal rats 9461

eff. of hormonal state of rabbit ovary on radiosulfur uptake in corpus (Fr) 26846

endocrine funct., determ. (Sp) 9753

factors affecting viability of frozen ovarian tissue 40794

funct. studies in various premenstrual synd. (It) 36754

hormonal secretion of chick left ovary after culture in vitro (Fr) 26830

intraovarian homografting of anterior pituitary fragments cultivated in vitro (Fr) 26876

maturity induced by fertilization in crustacean Porcellio dilatatus (Fr) 15044

normal weight according to age & weight after stress ending in death 36039

primordial follicular develop. in rabbits (Pol) 39639

stimulation following lesions in thalamus, caudate nucleus & adjacent areas in ferret 40805

***surgery***

unilateral ovariotomy, eff. on menstrual funct. (Rus) 48825

***transplantation***

acquired tolerance to homotranspl. in inbred mice 37561

fertility of orthotopic grafts in mice 10062

homografts in primate with millipore filter chambers, clin. application in ovarian dysgenesis 12426

homograft survival within millipore filter chambers in monkey 43294

intraocular transpl., local & systemic requirement of gonadotropin for luteinization in rabbit 32067

intrasplenic combined ovarian-uterine implantation as measure of gonadotropic activity in castrate rats (Ger) 35131

intrauterine implantation for sterility due to tubal obstruct. (Fr) 31071

transfer of immature rat ovarian tissue to anterior chamber of eyes of immature male recipient rats of different strain 49475

**OVIDUCTS**

***see also*** **FALLOPIAN TUBES**

***diseases***

hydrosalpinx, ther., periodic puncture (Rus) 13131

torsion & strangulation of Morgagni's hydatids (Sw) 43218

***effect of drugs on***

estradiol on oviduct hypertrophy in immature pullets, response to thiouracil 14605

***embryology***

müllerian duct develop. in female desman (Fr) 40810

***metabolism***

sulfomucopolysaccharides, radioautographic & histochem. studies in rabbits after radiosulfur admin. 11909

**OVULATION**

***see also*** **ESTRUS CYCLE**

***see also*** **MENSTRUATION**

anovulation, diag. & ther. (Sp) 30237

anovulation, hormone ther. (Sp) 20053

anovulation, ovarian resection (Sp) 20052

anovulation, prednisone ther. (Sp) 30053

detection (Sp) 7579

detection by blood platelet count in rabbits (Sp) 32469



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

determ. of ovulation time by cervical smear with fern test 41079

determ. of ovulation time by test of allergic reaction to estrogen (It) 44836

discord. causing sterility (Sp) 9748
9752

methods of detecting ovulation 14303

monophasic, radiother. (Sp) 20051
20054

superovulation in immature rat as assay for luteinizing hormone & human chorionic gonadotropin 39194

superovulation phenomenon in rat, hypothesis (Fr) 36048

*effect of drugs on*

17α-ethinyl-5(10)-estren-17α-ol-3-one, 17α-methyl-19-nortestosterone & norethisterone on hens, comparison (It) 48121

sex hormones in female rat 15809

*physiology*

anat. & histol. characteristics of müllerian ducts in Scyliorhinus canicula during ovulation (Fr) 38752

blockade by mesencephalic lesions in rat 15612

cytomorphol. changes of nuclei of anterior pituitary, in rats (It) 54248

exper. induction in monkey 49501

hormonal control of ovulation & early develop. 43709

induction by electrical stimulation of hypothalamus in rabbits 15583

induction by hypothalamic stimulation in rabbits, eff. of spinal cord transection 35102

induction by hypothalamic stimulation in rats 12512

influence of hypothalamus in rabbits (Ger) 11899

migration of basophils from blood to genitalia during ovulation in rabbits 208

number of corpora lutea & number & size of 6-day blastocysts in rabbits during superovulation treatment 17229

simultaneous bilateral ovulation, theory (Ger) 11465

**OVUM**

*see also* **FERTILIZATION**

*see also* **GRAAFIAN FOLLICLE**

chromatin develop. in nurse cells of oocytes of Drosophila melanogaster (Fr) 48694

corona radiata cells & zona pellucida of living human ova 49480

cytochem of protein-bound sulfhydryl groups from fertilization to 2 cell stage in sea urchin egg 16958

cytol. during parthenogenesis of mite Platynothrus peltifer (Fr) 38677

desiccation of eggs of crane fly 7259

develop. from ovule to morula, in rat (Sp) 9720

direct rotation in vitro, mechanism of embryonic orientation (Fr) 3042

dominant orientation of embryo & orientation in space of axis of egg in utero in various birds (Fr) 26703

eff. of exper. changes of inclination of axis of egg in utero on orientation of pigeon embryo (Fr) 26704

eff. of rotation of egg of Triturus alpestris on gradient of cortical permeability (Fr) 38751

exper. eye corrosion induced by egg membrane (Cz) 14830

extraregional oocytes in teleosts 19703

fertilized unsegmented sea urchin egg, correlation of cytochem. localisations & ultrastructure by electron microscopy 16952

hatching enzymes, review (Rus) 55176

histochem. of 13-day human ovum 12418

intra-ovarian rotation of ovum of killifish Lebistes reticulatus (Fr) 15144

mechanism of hardening of salmonid egg membrane after fertilisation or spontaneous activation 40783

membrane in rats, comparative histol. (Ger) 34404

normal & abnorm. ova recovered at various times from women of known fertility 43531

oocyte in vitro culture as enucl embryo ovary, microcinematography (It) 34427

oocytes of molluscs, enzyme exper. on nucleoli (It) 48129

permeability of rabbit, rat & hamster egg membranes 3517

survival of unfertilized mouse eggs during freezing & thawing 20792

technics of collection & transpl. of ova for artif. insemination in farm animals, review 28181

transport of ova transplanted into ovariectomized rabbits, role of body estrogen levels 50526

twelfth night ovum 49503

unfertilized ova causing decidual reaction in progesterone-treated rats (Fr) 44625

utilization of vitellus during gastrulation in ovum of rainbow trout (Fr) 38714

vitelline platelets in snails, origin & ultrastructure (Fr) 36511

*effect of drugs on*

cortisone & hydrocortisone on permeability & segmentation of sea urchin eggs (Sp) 8891

cytotoxic drugs on nuclear form. & multipolar mitoses in urodele ovum during segmentation (Fr) 15140

estradiol, estrone & progesterone on nidation in rats (Ger) 49329

free-living phase of fertilized egg in badger, eff. of various hormones (Fr) 26673

gonadotropins on histiocytic activity of ovum (It) 1967

histamine-estrogen-progesterone complex on nidation 17343

mercaptoethanol on structure of mitotic appar. of sea urchin eggs 3498

*effect of radiations on*

x-ray sensitivity of rat oocytes, eff. of 2-aminoethanethiol 53495

x-ray sensitivity of rat oocytes, quantitative determ. 53494

*metabolism*

acid prod., time course in fertilization of sea urchin eggs 27400

cycling in oxygen consumption of cleaving eggs 39276

cytochrome system in mitochondria of unfertilized sea urchin eggs 3493

nucleic acid composition & metab. activity of frog egg, comparison with frog liver 27406

nucleosides & related cpds. in acid soluble fraction of unfertilized egg of Drosophila melanogaster, eff. of Y chromosome 3490

ribonucleic acids, constitution & amount in unfertilized egg of Drosophila melanogaster, eff. of Y chromosome 3489

**OXALATES**

calcium oxalate, eff. of crystalloid urinary substances on precipitation (Ger) 37886

calcium oxalate, eff. of hydrophilic colloids & crystalloid urinary substances on precipitation with normal urine (Ger) 27887

calcium oxalate, eff. of hydrophilic colloids on precipitation & relation to dispersion grade of calcium oxalate (Ger) 37885

*effects*

calcium mesoxalate on inulin content of pancreas in rats & dogs 15583

potassium oxalate on blood coagulation in vitro 35651

*in urine*

excretion of oxalic acid in nephrolithiasis 44067

excretion of oxalic acid in oxalate lithiasis 5938

hyperoxaluria, primary, in oxalosis 30139

*metabolism*

calcium oxalate crystals in detached retinas 83

calcium oxalate crystals in detached retinas & lenticular tissue 83

fate after admin. to rats (Ger) 16390

*poisoning*

potassium binoxalate, histopathol. (Ger) 36500

*toxicity*

eff. of isoniazid on tox. for rat (Sp) 8882

*OXALIC ACID see* **OXALATES**

**OXAZOLES**

2-amino-2-oxazoline deriv., prep. & pharmacol. (Fr) 48031

*effects*

isoxazolidin-3-one on E. coli & Salmonella (It) 37496

N-substituted 2-amino-oxazolines on blood vessels in dogs (Fr) 15068

*metabolism*

plants, biosynthesis & metab. fate, review (Ger) 53100

*preparation of*

N-alkylated oxadiazolones 16722

condensation products of isoxazole ketones & hydrazides of cyanacetic acid & isonicotinic acids (It) 49409

*toxicity*

1-benzyl-2-(5-methyl-3-isoxazolyl-carbonyl)-hydrazine 39156

*OXAZOLIDINES see* **OXAZOLES**

**OXIDASES**

*see also* **CATALASE**

*see also* **CYTOCHROMES**

*see also* **DOPA-OXIDASE**

*see also* **HISTAMINASE**

*see also* **SUCCINIC OXIDASE**

amine oxidase in etiol. of schizophrenia (Ger) 46046

amine oxidase in normotensive & hypertensive rat kidney, eff. of dimercaprol 40348

amine oxidases from various animal tissues, oxidative deamination of mescaline 41278

benzoic acid oxidase & tyrosinase in Mycobacterium frieburgiensis, inductive biosynthesis 24024

benzoic acid oxidase in Mycobacterium frieburgiensis, eff. of benzaldehyde & its deriv. on activity 24026

carotenoid oxidase in Chlorella (Ger) 23060

cerase, pharmacol. & ther. use in tuberc. 14155

cytochrome oxidase activation by mitochondrial lipoprotein 47965

cytochrome oxidase activity of aorta samples from man, rabbit & dog 12570

cytochrome oxidase from porcine heart, phospholipid composition of purified prep. 4779

cytochrome oxidase in aorta in hyperjension in rat 50532

cytochrome oxidase metab. in placenta in normal & toxemic pregn. (Ger) 25200

cytochrome oxidase of Pseudomonas aeruginosa, high purification & properties 1677

cytochrome oxidase, reconstruction of reaction mechanism 29813

glutamic oxidase & α-ketoglutaric oxidase activities of uterus in pregn. rats (It) 32593

glycolic acid oxidase, role in oxygen uptake of tobacco leaves in vitro 40480

3-hydroxyanthranilic acid oxidase in rat liver, inhib. by N-2-fluoroacylacetamide & N-2-fluoroacyldiacetamide, eff. of coenzyme I 52331

5-hydroxytryptamine oxidase activity of liver homogenates from patients with various dis. (It) 331

in gastrointestinal system of gerbil (Fr) 15112

in myocardial homogenates from rabbits with exper. cardiac hypertrophy (It) 32595

in wheat shoots, terminal oxidases (Pol) 23586

indolacetic acid oxidase from pineapple, coenzyme requirements & inhibitors 4777

itaconicoxidase isolation from mutant of Aspergillus terreus 19465

laccase activity during growth of submerged mycelium of mushrooms (Fr) 37836

laccase activity of submerged mycelium of mushrooms, eff. of cupric ion content of culture medium (Fr) 37837

laccase from Rhus vernicifera, purification & phys. chem. properties 13793

laccase, magnetic susceptibility of oxidized & reduced laccase 47959

laccase, stoichiometric studies on mechanism of catalytic action 47944

lipoxidases from soy bean, actions in linoleic acid & trilinolein 25422

lipoxidase system of sunflower seeds & seedlings 14620

long-acting monoamine oxidase inhibitors of arterenol & serotonin metab. in brain, eff. of harmaline in mice & rats 49359

monoamine oxidase, eff. of alkylhydrazides of amino acids & iproniazid on activity in vivo (Ger) 37850

monoamine oxidase, eff. of iproniazid, relation of duration of eff. to metab. after intraperitoneal admin. in rat 17940

monoamine oxidase, physiol. activity, review 20346

oxidative enzyme activity of plants, eff. of potassium nutrient (Ger) 27889

peroxidase activity of hemoglobin & hemoglobin-haptoglobin complexes, detection with various reagents 29834

peroxidase catalysis of fixation of oxygen from lipid peroxides on double bonds of unsaturated fatty acids in liver in vitro (Fr) 37839

peroxidase in M. tuberc. (Jap) 41490

peroxidase in uterine metrial gland of pregn. rat 49356

phenolases from Fasciola hepatica & other sources, eff. of serotonin on activities 47930

p-phenylenediamine oxidase in maternal blood in labor, umbilical cord blood & amniotic fluid, relation to ceruloplasmin (It) 24960

polyphenol oxidase, oxidation of various proteins (Fr) 15130

system catalyzing oxidation of succinate & reduced coenzyme I in myocardium, analysis of its lipid components 40523

tryptophan peroxidase, changes in activity in fetal & postnatal guinea pig liver 21705

tryptophan peroxidase induction in rat liver by alloxan & insulin 4754

tryptophan peroxidase-oxidase activity in rat liver stimulated by cortisone admin., influence of ethionine 49265

tyrosinase deactivation by x-rays or gamma rays, protective eff. of substrate 20924

tyrosinase oxidation of vitamin C, eff. of monophenols (Fr) 38667

*antagonists*

amine oxidase inhib. by amphetamine in potentiation of epinephrine prolongation of local anesth. by procaine (Rus) 7689

amine oxidase inhibitors, eff. of reserpine on blood pressure in spinal cat treated with inhibitors 36938

amine oxidase inhibitors 1-picolinyl-2-benzyl-hydrazine & 1-benzyl-2-(5-methyl-3-isoxazolylcarbonyl)-hydrazine, tox. 39156

amineoxidase blocking by various substances in rats (It) 37495

isoctane extraction inhibiting enzymes of resp. chain, nature of inhib. & reactivators 47972

monoamine oxidase inhib. eff. of iproniazid & N-isonicotinyl-N'-(1-methyl-2-phenyl-ethyl)-hydrazine 44091


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

mono-amino-oxidase inhibitors, eff. on serotonin-induced asthma (Ger) 12182

monoamine oxidase inhibitors, stereospecificity 21686

monoamine oxidase, irreversible inhib. by iproniazid, comparison with inhib. by choline-p-tolyl ether bromide & pentamidine 13396

***determination***

benzoic acid oxidase in Mycobacterium frieburgiensis by determ. of amount of catechol formed during enzyme action 24025

cytochrome c peroxidase, histochem. demonstration by modified Nadi reaction with 4-amino-1-N, N-dimethylnaphthylamine as indicator 28390

cytochrome oxidase, histochem. demonstration by modified Nadi reaction with 4-amino-1-N, N-dimethylnaphthylamine as indicator 28390

cytochrome oxidase in spinal ganglion cells & glial capsule cells of rabbits 5491

hydroperoxidase, histochem. demonstration by two improved methods different in their mechanisms 40201

keto acid oxidases by keto-enol tautomerization of enol-borate complexes 4764

peroxidase from horseradish after inject. into various rat tissues, colorimetric determ. with N, N-dimethyl-p-phenylenediamine 16947

peroxidases from wheat germ, spectrophotometry 52390

***effects***

horse-radish peroxidase on tyrosine & thyronine & their iodo- & hydroxy- deriv. (Fr) 26298

monoamine oxidase on metab. of arterenol, epinephrine & their o-methyl analogs 13402

***in blood***

amine oxidase in mammalian blood, review (It) 3543

ceruloplasmin, rapid quantitative colorimetric determ. based on oxidase activity 38562

eff. of ultraviolet rays on copper-containing oxidases in vitro 25433

leukocytal peroxidase relation to leukocytal osmotic resist., exper. in rats (It) 14014

peroxidase in Chediak-Higashi's leuko-anomaly (Ger) 31629

peroxidases, Chédiak-Higashi's leuko-anomaly (Sp) 46783

p-phenylenediamine oxidase, eff. of azo dyes in rats 3470

p-phenylenediamine oxidase, eff. of hepatocarcinogens in rat 49354

p-phenylenediamine oxidase, relation to copper content of rat blood 49355

polyphenol oxidase in hemolymph cells of bee moth larvae 49304

spermine oxidase in various mammals, distribution & activity 51110

## OXIDATION-REDUCTION

antioxidant N, N'-diphenyl-p-phenylenediamine eff. on vitamin E defic. in rats & rabbits 44138

anti-oxidants in solution with sulfadiazine sodium, eff. on oxygen uptake of sulfadiazine sodium 4561

antioxidant ther. of pulm. tuberc. (Sp) 43922

cytostatic eff. of acetic acid deriv. with high enzymatic oxidation-reduction capacity (It) 38548

eff. of anti-oxidants on stability of oleaginous solutions of vitamin A 39314

eff. of oxidation & reduction on biol. activity of parathyroid hormone 32349

eff. of temperature on oxidation reduction potential of coenzyme I system 40567

enzyme systems involved in biol. oxidations 46373

oxidation of certain types of organic bonds by periodic acid, comparison of rates (Fr) 1058

oxidation-reduction capacity of glutamic dehydrogenase & coenzyme I system (Fr) 48933

oxidizing agents, increased amount in blood causing methemoglobinemia, diag. by colorimetry 38524

process & biol. significance (Fr) 9061

redox potential disord., hematogenic oxidation ther. (Ger) 16102

reductive activity in tract. cells, morphol. localization (Ger) 46574

***OXIDATIVE PHOSPHORYLATION*** *see* METABOLISM, TISSUE

## OXOPHENARSINE

***effects***

on membrane & action potential of isolated rat musc. (Ger) 43015

***OXYCEPHALY*** *see* ACROCEPHALY

## OXYGEN

***see also*** OZONE

aircraft liquid oxygen breathing systems, present status 40442

cleaning of oxygen test canopies 7027

electrical generation, literature survey 23355

hyperemia, review (It) 9393

piped oxygen distribution systems & number of outlets necessary in various hosp. areas 42860

piped oxygen system in hosp. 19305

transfer & agitation in submerged fermentation, comparison of sulfite & polarographic methods for measuring oxygen solution rates in fermentor 47633

transfer & agitation in submerged fermentation, eff. of solid disperse phase on oxygen absorp. in fermentor 47630

***administration***

comparison of various methods (Dut) 7274

in premature inf. in prev. of retrolental fibroplasia 50795

open-top oxygen box for inf. & small child., technics & clin. application 7865

***determination***

appar. & method in resp. studies 32229

in resp. airways & in blood, relation to variations in dead space (It) 37330

oxigraphic measurement of oxygen tension in rabbit labyrinth, appar. & technic 1184

***effects***

anthelmintic action against Ascaris lumbricoides in vitro 16303

breathing pure oxygen on visual acuity & visual field 4695

capillary proliferation induced by oxygen inhalation, postmortem findings 12465

competitive inhib. of nitrogen fixation in Azotobacter 13781

critical eff. of oxygen tension on rate of growth of animal cells in continuous suspended culture 42961

eff. of extended increased oxygen tension on humans under space & orbital flight cond. 23309

eff. of oxygen tension on lung weight in newborn rats, relation to hyaline membrane dis. 15651

high pressure oxygen on heart & resp. rates & blood pH carbon dioxide pressure in rats 5795

hyperoxia, on blood regen. in anemia in rabbits (Rus) 52980

hyperventilation with pure oxygen causing cerebral anoxia, paradoxal action 4698

increased oxygen pressure on develop. of chick & frog embryos 49806

inhalation of various oxygen concentrations on ventilation during heavy exercise 12027

intraarterial inject., on musc. circ. in arterial occlusion (Ger) 49079

intra-arterial inject. of oxygen on blood cholesterol levels (Fr) 32914

intra-arterial, on ballistocardiography in peripheral vasc. dis. (Pol) 30832

intravenous insufflation on blood circ. & resp. in cats & guinea pigs (Ger) 46573

on arterial occlusion, admin. under pressure in dogs 9620

on blood cholesterol in hypertension & arteriosclerosis (Rus) 33235A

on ciliary transport mechanisms in resp. tract, relation to pathogen. of hyaline membrane dis. in rabbits 12661

on efficiency & accuracy of artillery men (Fin) 33484

on kidney funct. in chronic pulm. heart dis. (Fr) 39883

on preservability of blood (It) 9321

on resp. compensation to metab. alkalosis 4656

on structure & frequency of gamma ray-induced chromatid aberrations 19570

on survival of dried bact. spores during gamma irradiation 19620

on x-ray action on Shigella flexneri 20925

oxygen-carbon dioxide partial pressures, role in regulation of ventilation (Fr) 32040

varying oxygen pressure on bioelectric activity & oxygen consumption of isolated frog eye (Ger) 43577

***in blood***

arterial-alveolar differences in dogs breathing pure oxygen at different atmospheric pressures 31455

arteriovenous oxygen difference in dog kidney (Ger) 30553

continuous recording of tension in vivo by polarographic method 21690

determ., electrode appar. 16843

determ. in cardiovasc. dis. by oximetry with blue dilution curve, diag. value (Dut) 29954

determ. of arterial saturation (Dan) 10645

determ. of pO2 & pCO2, bubble method 32240

determ. of pO2 & pCO2, electrodes for (Sw) 45363

determ. with reflex oxyhemometer with cuvette (Rus) 10939

diffusion inside erythrocytes, determ. in evaluation of diffusing capacity of lungs 16466

direct registration of oxygen pressure by special catheter in cardiac catheterization (Ger) 55543

eff. of bloodletting in normal subjects (It) 44809

eff. of congestive heart failure on oxygen tension 14347

eff. of heavy & exhaustive exercise on tension in arterial blood 46690

eff. of intraperitoneal admin. of hydrogen peroxide solutions in rabbits (It) 42541

eff. of intrapleural oxygen admin. in pneumosectomized dogs (Ger) 34037

eff. of unilateral occlusion of pulm. artery on distal oxygen content in dogs 14997

glass & plastic cuvettes for determ. 50056

hemoglobin saturation measurement by simple reflectometer, construction & use 44906

hyperoxia, eff. on inflamm. process (Fr) 38755

in neuroses, determ. & relation to emotional tension (Rus) 46333

in progr. musc. dystrophy, comparative arterial & venous levels (Fr) 38520

in pulm. circ. in patients with one lung excluded from hematosis, relation between oxygen content of arterial blood & systemic blood (Sp) 31016

in venous blood during total body perfusion using Gibbon-type pump-oxygenator 47329

increase of venous oxygen saturation after admin. of high dose of sodium salicylate in normal humans 23751

jugular & renal arterio-venous oxygen content difference during exercise in heart dis. 38619

oximetry, direct, during thoracic surg., value in prev. of resp. compl. (Por) 36900

oxygen capacity of fetal blood in normal & pathol. pregn., comparison 7623

oxygenation of blood across porous membranes by means of solutions of hydrogen peroxide (It) 29568

oxyhemometric determ. of circ. rate (Rus) 15766

oxyhemometric determ. of pulm. venous circ. rate (Rus) 16306

oxymetric values in healthy premature during 1st week of life (Sp) 1819

perop. oximetry in cardiovasc. surg. for prev. of postop. ventilation disord. (Por) 53881

pulm. venous admixture in emphysematous, stilicotic & silicotuberculotic patients (It) 42230

saturation of cord blood during cesarean section, eff. of anesth. 23539

saturation of hemoglobin in capillary blood & its relation to diffusing capacity of lungs 16467

saturation, relation to hemoglobin concentrations during rest & exercise 505

transfer across hemochorial placenta in postmature pregn. 7600

venous, in obliterative peripheral vasc. dis. (Pol) 30811

***in urine***

determ. & relation to intrarenal blood flow 12503

***injurious effects***

lung inj. after short-term inhalation in dogs (Ger) 29029

nasal oxygen inhalation causing acute dilat. of stomach 25053

pneumomediastinum & cutaneous emphysema, regression (Ger) 25278

***metabolism***

***see also*** METABOLISM, TISSUE

***see also*** RESPIRATION

eff. of hyperoxia on bone resorption in tissue culture 11774

enzymic mechanisms in metab. fractionation of non-radioactive oxygen isotopes 44977

nonexchange of carboxyl group oxygen in amino acid transport in mammals 40508

optimal concentration in human & bovine M. tuberc., comparison (Ger) 55692

oxygen-requiring desaturating enzyme system in the biosynthesis of unsaturated fatty acids in Saccharomyces cerevisiae 13804

oxygen transport, utilization & storage in rats acclimated to altitude at different temperatures 18015

protein oxidation by vitamin C-ferrous ion-oxygen system (Fr) 15130

***poisoning***

eff. of exper. pantothenic acid defic. in rat 52446

in aviation med., review 4703
manifest. & prev., review (Ger) 49872

*therapeutic use*

ascariasis in child., technic 14941
asphyxia neonatorum, intragastric admin. 16323
asphyxia neonatorum, rectal admin. (It) 6886
carbon monoxide pois., high pressure technic (Rus) 22622
cardiovasc. dis. (Rus) 33230
chem. pois. in chem. warfare (It) 27647
fetal hypoxia, maternal alternate oxygen-trichlorcethylene inhalation (Ger) 11442
hazards in inf. & young inf. 37687
headache in hypertension (Rus) 33232
helminth infect., inject. into stomach (Bul) 32760
hypertension, eff. on higher nerv. activity (Rus) 33235
in cesarean section, with ether anesth., maternal & fetal mortal. statist. (Pol) 39631
in indust. hyg., indic. 16336
indic. & technic of admin. (It) 19158
insuff. coronary (Rus) 32886
33233
intestinal parasitic dis., comparison with ether-oxygen mixture & nitrous oxide (Fr) 24298
ionized, in various dis. (Ger) 42362
oxygen test, simplified model (It) 19161
oxygenation as preop. medication in pulm. tuberc. (It) 42656
peripheral vasc. dis., intra-arterial admin. (Pol) 30845
postop. in mitral commissurotomy, indic. (Rus) 41675
pulm. emphysema, eff. of ephedrine on blood oxygen & vital capacity (Rus) 45164
pulm. emphysema, eff. on ventilatory response to CO2 inhalation & arterial blood oxygen & CO2 saturation 33056
pulm. heart dis. (Rus) 33234
review (Rus) 22544
silicosis, advanced cases (It) 3593
thromboangiitis obliterans, subcutaneous admin. (Rus) 9903
whooping cough, compl. (Rus) 45183

*OXYGEN DEFICIENCY see* ANOXIA

*OXYPHENONIUM see* PARASYMPATHOLYTICS

OXYTETRACYCLINE

ther. use & side-eff. in child., comparison with tetracycline (Sp) 9674

*administration*

oxytetracycline-oleandomycin in various infect., clin. evaluation (Sp) 51660

*determination*

polarographic behavior of oxytetracycline & its degradation products (Ger) 43602

*effects*

biol. activity, test using Bacillus subtilis 23765
on agglutinin response to vacc. with Salmonella typhosa O antigen in rabbits (It) 16012
on bact., resist. cells in culture, eff. of ultraviolet rays & hydrogen peroxide 5108
on develop. of Cryptococcus, Rhodotorula & Torulopsis species on poultry meat 25162
on E. coli, sensitivity of strains grown in peptones with a variable content of metallic ions 12282
on exper. brucellosis melitensis in rabbits (Ger) 12089
on exper. intestinal obstruct., total exclusion of jejunal loop in dogs (It) 54264
on growth of fattening calves, with diethylstilbestrol (It) 1955
oxytetracycline hydrochloride on growth of premature inf. (It) 29720

*injurious effects*

acute hemolytic anemia during ther. of infantile gastroenteritis 14299

*metabolism*

Streptomyces rimosus, eff. of iron on prod. 33778

*therapeutic use*

acute suppurative otitis media in child., comparison with chlortetracycline & penicillin 35332
adjuvant ther. in surg. of exposed fract. (Sp) 29376
anaplasmosis in cattle 28184
bronchitis, continuous admin. for prev. of recur. 14235
bronchopneumonia in inf. & child. (Sp) 29379
cervicitis & trichomonal vaginitis, with hydrocortisone, admin., local (Fr) 39759
chronic lung suppurations (Rus) 54553
clin. evaluation (Rus) 41672
ear dis., oxytetracycline-hydrocortisone ointment (Fr) 9514
gyn. dis., with hydrocortisone ointment (Ger) 29434
infect. 3399
laryngeal papilloma in child. (Pol) 30325
leptospirosis 41791
pediatric dis., oral admin. (Ger) 19004
trachoma, with sulfisoxazole, clin. statist. in rural schools in W. Algeria (Fr) 44652

OXYTOCICS

*see also* ERGOT ALKALOIDS

*see also* OXYTOCIN

oxytocic eff. of amniotic fluid in guinea pig (Fr) 26690
oxytocic eff. of hypertonic sodium chloride, intravenous admin., in term pregn. 47007
oxytocic properties of blood in pregn. (Fr) 15128
quantitative in-vitro evaluation, technic 40368

*effects*

on action currents in non-pregn. & pregn. rabbit uterus & in human labor, electrohysterography (Fr) 9175
vitamin Bi in labor induction, biol. eff. on uterine musc. fiber, review (Fr) 27723

*physiology*

influence of drug-induced uterine contractions on electrolyte exchange between uterine tissues & saline-bicarbonate medium 48454

*therapeutic use*

in labor, prolonged intravenous drip admin. (Ger) 51848
prev. of postpartum hemorrh., with hyaluronidase, intramusc. admin. before 2nd stage of labor 29486
synthetic oxytocin in 3d stage of labor 13560

OXYTOCIN

comparative evaluation of natural & synthetic oxytocin prep. (Ger) 11447
comparison of natural & synthetic oxytocin (Sp) 8866
inactivations of oxytocin suggesting peptide denaturation 32341
natural & synthetic, decomposition by oxytocinase (Ger) 41743
nature of oxytocin from human pituitary 20722
review (It) 38549
statist. reduction of need for operative intervention as result of intravenous oxytocin 45086
synthetic oxytocins, oxytocic activity (Fr) 26255

*determination*

assay by milk-ejection eff. on lactating women (Ger) 11895
chromatography of small amounts, technic 19690

*effects*

induction of retarded mammary involution in rat, eff. of adrenalectomy 17342
induction of 3d stage of labor (Cz) 14820
on dogs during cyclopropane, trichlorcethylene & barbiturate anesth. 24766
on electrolyte excretion in dogs 5778
on isolated guinea pig uterine horn in vitro (Fr) 26773
on resp. of lactating breast tissues in rats 42962
on response to succinylcholine 48336
on water, potassium & sodium excretion in rats, synthetic oxytocin with & without acetazolamide (Ger) 15675

*in blood*

activity in sheep before & after copulation 49276

*injurious effects*

allergy, case report (Ger) 23313
brain damage in inf. caused by admin. of oxytocin in labor (Fr) 11985

*physiology*

relation of physiol. activity & disulfide bonding (Fr) 13815
role in simultaneous occurrence of certain changes in uterine & renal activity in dogs 28618

*related compounds*

synthetic cpd. containing vasopressin side chain & oxytocin ring, prep. & properties 40490

*therapeutic use*

breast engorgement during lactation (Cz) 38268
elective induction of labor with simultaneous amniotomy, dilute intravenous admin. 7625
gyn. disord. & induction of labor 33130
hemorrh., prev. in 3d & 4th stages of labor (Cz) 14814
hypogalactia & agalactia (Sp) 39615
in labor, indic. (Fr) 26275
induction of labor, admin., intravenous drip 23822
induction of labor alone & with chlorpromazine, eff. on fetus (Sp) 10400
induction of labor by oxytocin instillation in prolonged pregn. (Hun) 41908
labor acceleration & induction (Por) 53932
labor induction & acceleration (Ger) 39542
labor induction by intravenous synthetic oxytocin (Sp) 31881
labor induction, comparison of natural & synthetic prep. 20092
perfusion in induction & acceleration of labor in psychologically-prepared women (Por) 53934
synthetic oxytocin in third stage of labor 35745

OXYURIASIS

*complications*

appendiceal & peritoneal granuloma (Ger) 42347
granuloma of fallopian tube & peritoneal surface of ovarian cyst 50984

*differential diagnosis*

appendicitis simulated by oxyuriasis of appendix 41024

*in infant and child*

in Child Homes (Pol) 33737
ther. in elementary schools (Pol) 33738
ther., piperazine hydrate (Ger) 29439
ther., pyrvinium (Fr) 53027

*prevention and control*

(Pol) 33689

*therapy*

chemother. of natural infect. in mice (Ger) 38957
complex ther. in resistant cases (Hun) 53890
oral piperazine with local tricainal prep. (Sp) 43880
promethazine, single-dose method, case report 9796

*OZENA see* RHINITIS, ATROPHIC

OZONE

*determination*

at ground levels, regional data (Ger) 36478

*effects*

bactericidal action in air disinfection, influencing factors (It) 7515
in electric plants & biol. eff. in rats (Sw) 43178
on susceptibility to Klebsiella pneumoniae resp. infect. of animals 17474

*therapeutic use*

ionized & ozonized water vapor, in infected wds. & leg ulcers (Fr) 36516
36517

*toxicity*

in rats, eff. of chlorpromazine, digitalis, epinephrine, lobeline & pentobarbital (Fr; Dut) 46564

*PACATAL see* AUTONOMIC DRUGS

*PAGET'S DISEASE OF BONE see* OSTEITIS DEFORMANS

*PAGET'S DISEASE OF BREAST see* BREAST, *neoplasms*

PAIN

*see also* ANALGESIA

*see also* BACKACHE

*see also* CRAMP

*see also* HEADACHE

*see also* HYPERESTHESIA

allo-paralgesias (Ger) 45953
continuous & intermittent pain & hemiagnosia for pain associated with brain dis. (Fr) 5801
etiol. & ther. (Fr) 29214
hyperpathia, manifest. & differ. diag. from causalgia 48488
impalpable pain responses to auditory irritants 40367
nature & significance of chronic pain, review 29267
postural defects caused by pain in bones & joints (Ger) 11045
quadrantal pain synd., (Ger) 25850

*effects*

on ACTH in blood 39210
on coronary circ. in dogs (Rus) 49538
on ECG (Rus) 15761
on phagocytosis (Rus) 7789
55769

*experimental*

antidiuretic response of rats to painful stimuli, eff. of chlorpromazine 31293
appar. for measuring pain stimulus (Rus) 49557
eff. of nociceptive irritation on activity of amobarbital & chloral hydrate in methylthiouracil-treated animals (Rus) 1753
physiol. & psychol. research in humans 16031

*in infant and child*

recur. pains in childhood, similarities of various types 53509

*physiology*

48487
causes & mechanisms of pain prod. 6357
differentiation of pain threshold from zone of unpleasure (Ger) 47662
double peripheral pathway for pain 9579

eff. of brain stem lesions on pain perception in cat 5510

eff. of pain stimulation on composition of gastric juice in dogs (Rus) 53986

extinction, relation to pain perception & central inhib. eff. of noxious stimulation 11660

pain mechanisms in anger, tension states & hysteria 48485

reactions of institutionalized schizophrenic child. to pain 24592

spatial summation for heat-pain 7149, 19560

spatial summation phenomenon in humans 16832

threshold measurements after ther. application of ultrasound, microwaves & infrared rays 1480

threshold of cutaneous pain, individual variability & variation of values in deep & surface pain (Ger) 33940

tolerance in relation to susceptibility to perceptual satiation 32351

transm. of pain in histamine-free skin (Ger) 46837

***psychology***

correlates of pain perception 4904

psychoanalytic theory of pain, fear & anxiety & their interrelation 44235

psychogenic pain 29268

***surgery***

anterolateral cordotomy for intractable pain 3349

indic. & technics 2764

intractable pain, indic. & technics 54787

neurosurg. (Por) 16476

prefrontal lobotomy 41215

***therapy***

50871

active relaxation technic for relief of pain from musc. tension 20335

adiphenine-amiacyrine-codeine phosphate-diallylbarbituric acid prep. in severe postop. pain (Ger) 10303

aequitos (Ger) 19057

β-butoxyethyl-nicotinic acid with nonylic acid vanillamide as counterirritant, eff. on skin temperature (Fr) 10665

cooperation of neurosurgeon with orthopedist in pain associated with orthopedic dis. 8471

N,N-diethylisucinon-p-aminobenzoic acid methanesulfonate-balsam ointment prep. for painful & inflammatory lesions in surg. (Ger) 34542

(3,2-diphenyl-3-methyl-4-morpholino)-butyryl-pyrrolidone in funct. & organic pain (Jp) 9726

electro-shock ther. 48273

electroshock ther. in intractable pain 34894

ergotamine tartrate with chloroarsenol in pain in cancer (It) 3865

gyn. pain of sympathicotonic origin (Ger) 46028

management of chronic pain 50745

phenol in intractable pain, subarachnoid inject. 28961

postop. pain 48284

postop. pain in otorhinolaryngol. surg. (It) 52115

sympath. nerve block in various pain synd. (Ger) 35945

vitamin B1-B12 ther. (Fr) 54478

**PAINT**

chlorobromocyclohexane-containing paint, evaluation (Ger) 11229

*PAINTINGS see* **ART**

**PALATE**

***see also* CLEFT PALATE**

***abnormalities***

palato-pharyngeal symphysis, case report 5295

surg., posterior pharyngeal flap palatoplasty, indic. & statist. 46480

***blood supply***

arteriovenous fistula 20141

***diseases***

palatal insuff., surg., pharyngeal flap operation, precp. & postop. speech ther. 18095

smoking inducing inflamm. lesions 13275

submucous fibrosis of palate & oral mucous membrane, ther., cortisone 50618

***hemorrhage***

apoplexy of uvula (Fr) 44675

***neoplasms***

in smokers letting fire burn lesions of mouth, pathogen., clin. aspects & x-ray ther. (It) 31658

melanoma of hard & soft palate, case report 20690

melanoma of hard palate, case report 20689

papilloma 20142

radiother. (Por) 44445

***physiology***

chem. & mechanical stimulation of soft palate & uvula inducing funct. disord. of kidney tubules in guinea pigs (Ger) 33590

eff. of stimulation of soft palate on kidney funct., reflex mechanisms in guinea pig (Pol) 20465

soft palate movements at rest & during speech in normal humans 28661

**PALEONTOLOGY**

blood typing of skeletal material of prehistoric Amer. Indians, method for reducing non-specific reactions 725

contribution of James Parkinson 5583

cranlography of skulls from Patagonia & Tierra del Fuego, So. America (Sp) 31771

Egyptian mummy skull from Roman era, paleopathol. (Ger) 33543

jaw articulation in Docodonta & relation of jaw articulation to classif. of Mesozoic mammals 44034

skull discoveries in Norway (Nor) 16384

**PALLOR**

postop. synd. of pallor & fever in child. (Pol) 30387

Wernoe's sympt., diag. value & physiopathol. (It) 53784

*PALM OF HAND see* **HAND**

**PALPATION**

in common bile duct calculi, diag. value 46525

of pulsations on front of chest 27086

*PALSY, CEREBRAL see* **CEREBRAL PALSY**

**PANCOAST SYNDROME**

***etiology and pathogenesis***

echinococcosis, x-ray aspects (Fr) 18006

**PANCREAS**

***see also* ISLANDS OF LANGERHANS**

enzyme excretion in inflamm. dis. in child. (Ger) 39904

enzyme prep. in ther. of chronic gastroduodenitis (Ger) 42945

enzyme prep., local management of infected wds., burns & decubitus ulcers 867

juice & extracts, comparative hydrolysis of fats & eff. of sodium taurocholate & electrolytes (Fr) 26306

juice, eff. of food on secretion & composition (Rus) 37169

juice, eff. on enzyme content of secretin, pancreatic enzymes & pilocarpine (Pol) 24062

juice containing trypsin inhibitor, characterization 31383

juice, secretion, relation on gastric juice secretion (Rus) 10235

pancreatin cleavage of DL-alanine esters producing D- & L-alanines (Ger) 27897

pancreatin in isolation of M. tuberc. from pathol. materials using decogen (Fr) 26689

***abnormalities***

aberrant pancreas (Sp) 8754

aberrant pancreas, case reports (Fr) 24243

aberrant pancreas in Meckel's diverticulum causing intestinal obstruct., review (Ger) 11145

aberrant pancreatic tissue in stomach wall stimulating pyloric stenosis, case report (It) 25570

annular, case report (Fr) 42410

annular, case reports (Sp) 17493

annular pancreas, case report & clin. pathol. conf. (Sp) 9694

annular, review & case report 21819

heterotopic pancreatic tissue in diverticulum of colon 5663

heterotopic pancreatic tissue in intestine or stomach, case reports 35068

hypoplasia, case report (Rus) 25746

in chronic suppurative pancreatitis with liver cirrhosis & multiple defic. dis., case report (Sp) 44504

rotation anomaly in newborn with anemia & jaundice caused by total agenesis of extrahepatic bile ducts (Fr) 53020

***anatomy and histology***

acinar cell networks in frog, toad & rat pancreas 39251

combined periodic acid-Schiff trichrome stain for identification of various pancreatic cell types & localization of glycogen in pancreas 23470

histol. variations in normal laboratory guinea pigs (Fr) 3098

histomorphol. of endocrine pancreas of nutria (It) 37526

paranuclei of exocrine cells in salamanders, histochem. (Fr) 38705

***blood supply***

anat. (Rus) 47854

arterial arches in region of head (Rus) 47859

capillary wall in exocrine pancreas of mouse, electron microscopy, review (Ger) 35020

***calculi***

(Dut) 47913

causing pancreatic hemorrh. into duodenum, differ. diag. 49725

with chronic pancreatitis & irreversible diabetic coma in child (Sp) 21128

***cysts***

causing obstruct. jaundice, case report (Por) 42189

cystic & pseudocystic lesions, classif. on basis of pathol. & ther. (Fr) 53377

cysts & pseudo-cysts, surg. indic. & technics (Fr) 17001

cysts & pseudocysts, ther., drainage & surg. technics (Fr) 38812

exper. pseudocysts, pathogen. mechanisms in dogs (Fr) 51369

pseudo-cyst assoc. with psoriasis, case report (Fr) 3413

pseudocyst caused by inflamm. of ampulla of Vater with pancreatitis, clin. pathol. conf. 19879

pseudocyst in boy, case report (Dan) 10597

pseudocyst, with psoriasis (Fr) 51394

pseudocysts (Sp) 25951

pseudocysts, causing pleural effusion 27521

pseudocysts, clin. manifest. & surg., review (It) 46580

pseudocysts, exper. induction in dog 10101

pseudocysts, secretic with chronic recur. pancreatitis, surg., case report (Fr) 18553

pseudocysts, recur. following external drainage, surg. proximal pancreatectomy (Fr) 18546

pseudocysts, surg. (Fr) 38813

pseudocyst, surg., cystogastrostomy & cystojejunostomy, case reports (Sp) 31018

pseudocysts, surg., internal drainage technic, late results (Fr) 18544

pseudocyst, surg., late postop. diabetic coma, case report (Fr) 38635

pseudocysts, surg., proximal pancreatectomy, indic. & technics (Fr) 10547

pseudocysts, with fistula following external drainage, surg., proximal pancreatectomy (Fr) 18545

pseudocysts with fusion to gastric wall, surg. ther. by transgastric catheter drainage 34970

pseudocyst with liver cirrhosis & peptic ulcer, clin. pathol. conf. 19858

recur., surg., partial pancreatectomy (Sp) 25939

secondary to pancreatitis, diag. & surg. 47219

surg. (Bul) 28758

surg., cystogastric anastomosis, case report (Fr) 42416

surg. indic. (Fr) 17002

surg. problems 22098

ther., internal drainage 42112

***diseases***

***see also* CYSTIC FIBROSIS OF PANCREAS**

acute, differ. diag. (Sp) 3334

caused by hepatobiliary cancers (Fr) 34228

caused by malnutrition (It) 32089

compl., encephalopathy (Fr) 9140

diag. & surg., review (Fr) 24265

diag. & ther., review 18674

diag., dextrin tolerance test (Dut) 19732

diag., problems 22081

diag., splenoportography (It) 6811

diag., starch tolerance test, clin. evaluation 40267

diag., x-ray (Fr) 36651

exper. necrosis, eff. of infected bile (Pol) 20456

funct. & organic dis., differ. diag. in jaundice (Pol) 30756

in cholelithiasis, diag. by phys. exam. (Fr) 35150

incarceration in diaphragmatic hernia, with pyloric & duodenal involvement 23501

necrosis, acute (Dut) 19741

necrosis, acute, x-ray diag. (It) 29864

newer concepts 49709

pathol. & surg., current concepts (Fr) 18629

surg., progr. 42822

surg., review 18675

with gallbladder & liver dis. (Ger) 19403

***effect of drugs on***

alloxan, mechanism of initial eff. based on lipid degen. response to fludrocortisone (It) 39356

calcium mesoxalate on insulin content in rats & dogs 15582

cobaltous chloride on guinea pigs, electron microscopic study 3354

glucagon, eff. on pancreas morphol. after prolonged admin. in rabbits 3420

glucagon, electron microscopy in rats 49173

β-hydroxybutyric acid on activity in guinea pigs 52373

methitural, exper. study (It) 39683

tolbutamide on dry weight of cytoplasm of exocrine cells, comparison with islets (Ger) 27418

***effect of excision***

diabetogenic eff. of triiodothyronine in partially pancreatectomized dogs (Fr) 54891

induction of diabetes & inhib. of hypoglycemic response to tolbutamide in geese 3421

on blood lipoprotein levels in dogs (R) 36749

on blood sugar, lipids & ketones in baboon 40795

on blood sugar, potassium & inorganic phosphorus response to carbutamide in dogs (Ger) 11191

on fat metab., early eff. in rat 47121

on intestinal motility & electrical activity in dogs (It) 37398

partial & total excis. on response of dogs to carbutamide admin. (Ger) 35263

partial excis. on blood sugar regulation in rats (Ger) 35262

***extracts***

prod. of exper. necrosis of fatty tissue in rats 5645

***fistula***

external fistula, surg., case report 12707

postop. external fistula after gastrectomy, physiol. eff. on pancreatic secretion, case report 22914

***function tests***

pancreozymin- & secretin-stimulation of pancreatic secretion, diag. value 8493

secretin test in diabetes mellitus, correlation with fat absorp. test 13157

***hemorrhage***

fatal, after twin delivery (Ger) 39537

***hormones***

***see also*** GLUCAGON

***see also*** INSULIN

centropneine, eff. on pulm. ventilation in dogs & man (Fr) 38732

centropneine, testing of samples on guinea pigs, appar. & technic (Fr) 24905

retardin, prod. & physiol. (Ger) 20327

***in various diseases***

decreased secretion pancreaticobiliary asynchrony in etiol. of post-gastrectomy synd., diet ther. 55435

hypertension (Rus) 41659

parathyroid cetettis (Fr) 44784

***infarction***

without acute necrotizing pancreatitis, pathol. & clin. features 3685

***innervation***

autonomic ganglia & neuro-insular complexes in guinea pig (Fr) 26863

sympath. ganglia in juxta-duodenal & juxta-splenic pancreas, quantitative relationship with islands of Langerhans & alpha-cells (Fr) 48895

***metabolism***

amylase prod., eff. of cortisone & DOCA 49378

amylases synthesis 10207

desoxyribonuclease from bovine pancreas, isolation & purification 1393

desoxyribonuclease hydrolyzing calf thymus desoxyribonucleic acid, mechanism 38409

diastase, eff. of hydroxydione succinate (It) 42476

elastase content, eff. of admin. of glucagon & elastase & feeding of atherogenic diet in chickens (It) 48126

esterase biosynthesis, localization in rat pancreas cells in vitro (Ger) 25887

indole-3-aldehyde 19584

lipase from hog pancreas, purification (Fr) 13837

lipids, tissue localization & content & eff. of insulin (Fr) 8997

lipotropic factors (Ger) 24234

nucleic acids, radioautographic study with tritium-labeled cytidine & thymidine 51314

phosphotocitide incorporation in pigeon pancreas slices, relation to protein secretion 16896

protein incorporation of leucine in guinea pig cell fractions 16949

ribonuclease, bound & intest of mouse pancreas 13831

ribonuclease, paper chromatography of crystalline bovine ribonuclease & separation from insulin 1373

ribonucleoprotein determ. in microsomal & mitochondrial fractions of pigeon pancreas 24035

tyrosine-activating enzyme of hog pancreas, purification & properties 38249

zinc content, comparison in normal humans & in diabetics (It) 49564

zinc content in human embryos, demonstration by sulfide-silver staining method 23967

zinc distribution in exper. zinc pois., histochem. study 13970

zinc in guinea pigs (Ger) 33542

***neoplasms***

adenocarcinoma in dog, case report 15233

benign tumors (It) 51994

blood & urine leucine aminopeptidase activities 7414

cancer of head of pancreas, surg., statist. 14643

clin. aspects (Ger) 30981

clin. forms (Fr) 39489

clin. pathol. conf. 19826

clin. statist. on duodenopancreatic cancer 36872

cystadenocarcinoma, diag., case report 29149

develop. in chronic relapsing pancreatitis, case reports 27543

diag., combined cytodiag. & secretory methods 4146

diag., pneumoretroperitoneal pancreatography & splenoportography 24657

duodenopancreas, surg., duodenopancreatectomy 47844

head of pancreas (It) 42640

51992

head of pancreas & Vater's ampulla, diag. & surg. (It) 32100

head of pancreas, diag. value of ether-soluble reaction of blood bilirubin (Rus) 32561

head of pancreas, surg. (It) 42641

head of pancreas, surg., duodenopancreatectomy, Child-Nuboer's technic (Fr) 10038

head of pancreas, surg., indic. & case reports 35066

head of pancreas, surg., pancreatico-gastrostomy by pancreatico-duodenal resection, technic & results 35067

head of pancreas, surg., pancreatoduodenectomy (Sp) 38503

38504

head of pancreas surg., results (It) 32101

head of pancreas, with duodenal stenosis, x-ray differ. diag. (Ger) 39383

I 131 radiation implant ther. 11790

initial manifest. & surg. 24798

lymphosarcoma, primary, of head & body (Sp) 47832

metastases to heart, case report (Pol) 8101

metastasis to lungs, case report (Fr) 21338

pancreaticoduodenal area, surg. & choice of procedure 13325

postop. problems after total excis. (Sp) 21180

primary lymphangioma & neurilemmoma 33503

radiother., statist. 12682

surg. of cancer of head of pancreas (It) 51990

surg., palliative cholecystojejunostomy, postop. duodenal obstruct. 32024

surg., pancreatoduodenectomy, five-year survival, review & case report 38508

surg., radical, in cancer of pancreas, Vater's ampulla & extrahepatic bile ducts (Rus) 33610

surg., radical technic & results (Ger) 45999

ther., cobalt telether. as palliative measure 20812

with duodenal loop changes other than widening of loop 8756

with peptic ulcer diathesis 153

x-ray differ. diag. difficulties in upper duodenal portion (Ger) 52237

***pathology***

chem. pathol. of lesions produced by ethionine 34941

fatty infiltration, classif. & histopathol. (Rus) 30293

glycogen infiltration in exper. diabetes mellitus in dogs & rabbits (Ger) 14033

in gastroenteritis (Pol) 43657

***physiology***

10084

(Sp) 49167

anti-fatty liver factor, eff. of oral admin. of fatty liver induced by oral ethionine in rats 16294

eff. of $\alpha$-cells on growth in rats & rabbits (It) 38591

eff. of fasting in guinea pigs (Fr) 26867

eff. of gastrectomy on exocrine funct., x-ray (R) 16027

eff. of pancreatic stimulation on indican metab. in achlorhydria 24832

funct. changes in cholecystectomized patients after treatment with gallbladder extracts (Ger) 45395

funct. in child. (It) 6882

hypoglycemic activity of blood draining from pancreas, potentiation by hypoglycemic sulfonamides in dog (Fr) 38665

in toxicosis & dystrophy in inf. (Rus) 7907

postop. funct. changes in cholecystectomy in cholelithiasis & cholecystitis (Rus) 33225

secretion, eff. of vitamin A (Ger) 359

secretion in external pancreatic fistula after gastrectomy, case report 22914

secretion in rats 746

zymogenic cell involution after hypophysectomy in rats, replacement by combined admin. of cortisone, somatotropin & thyroxin 12945

***radiography***

technic & clin. value (Ger) 23201

tomography (Rus) 10819

***surgery***

biliopancreatic surg., severe postop. hemorrh. synd. (Fr) 10526

drainage with Oddi's sphincterotomy, indic. & technic (Fr) 10548

excis., with hemicolectomy & splenectomy in cancer of colon, case report (Rus) 51437

pancreaticoduodenectomy, postop. protein malnutrition, case reports & mechanism of malabsorp. 6180

pancreaticojejunostomy, late results (Fr) 42412

pancreatoduodenectomy, indic. & technic (Fr) 486

types (Sp) 43893

***transplantation***

eff. of implantation of newborn hamster pancreas into cheek pouch of alloxan diabetic hamsters 3427

***wounds and injuries***

blunt trauma, surg. 45804

case reports (Rus) 18211

18235

case reports & surg. (Fr) 53387

caused by closed abdom. trauma (Rus) 41531

diag. & surg. 32731

## PANCREATIC DUCT

***anatomy and histology***

(Rus) 47854

Santorini's & Wirsung's canals in dogs, x-ray findings (Fr) 31117

***diseases***

ascarid obstruct. causing necrotic pancreatitis (Rus) 18239

obstruct. by duodenal peri-vaterine diverticulum causing acute pancreatitis 34985

***physiology***

eff. of ligation on blood & lymph lipase activities in dogs (Ger) 24017

eff. of ligation on blood sugar regulation in rats (Ger) 35262

eff. of ligation on lipase activity in blood & lymph of dogs (Hin) 29180

exam. through artif. fistula in horses (Rus) 1766

***wounds and injuries***

in gastrectomy (Fr) 17000

## PANCREATITIS

7001

acute 55243

acute & chronic (Sp) 21154

acute hemorrhagic 3685

acute necrotic (Por) 13601

acute pancreatitis 37714

chronic, diag. & ther. (Fr) 43974

chronic relapsing, etiol. & diag. 35898

chronic secondary, diag. & ther. (Rus) 41683

clin. characteristics & seq. (Sp) 27224

diag. & ther. (Rus) 41881

interstitial, histopathol. & clin. aspects 27541

pathogen. & physiopathol. 50004

***blood in***

calcium, diag. value 23694

glutamic oxalacetic transaminase in acute pancreatitis 15942

***case reports***

acute 883

acute hemorrhagic pancreatitis with transcavital hemorrh. & elevation of diaphragm causing atelectasis (Sp) 1811

chronic suppurative, with pancreatic abscess, liver cirrhosis & multiple defic. dis. (Sp) 44504

follow-up (Sw) 19939

recur., with hered. hyperparathyroidism 13158

suppurative (Fr) 41435

with hyperparathyroidism, possible etiol. relation 19915

with necrotic pseudocysts of pancreas & chronic recur. pancreatitis (Fr) 18553

with pseudocyst caused by inflamm. of ampulla of Vater, clin. pathol. conf. 19879

***complications***

calcification, clin. & x-ray data (Fr) 38643

chronic, obstruct. jaundice in pancreatic pseudocyst 23489

hypoglycemic coma with chronic pancreatitis, fatal case (Fr) 55100

pancreatic carcinoma, in chronic relapsing pancreatitis 27543

pancreatic cysts, diag. & surg. 47379

pleural effusion 27521

***diagnosis***

diastase test in subacute & chronic pancreatitis, value (Ger) 11117

intravenous cholangiography in acute pancreatitis 52625

pancreatography in chronic relapsing pancreatitis 54720

x-ray study of stomach & duodenum (Fr) 17986

*etiology and pathogenesis*

acute, relation to hypertension (Rus) 41683

analysis of funct. trans-sphincteric pancreatic & biliary flow, comparison with normal cond. 49697

cholecystectomy, incidence & ther. (Sw) 10167

cholelithiasis, minor secondary form (Fr) 9505

collagen dis. in etiol. of chronic recur. pancreatitis (Sp) 31029

mumps, case reports 45569

orchio-epididymo-pancreatitis caused by parotitis, ther. with prednisolone (It) 36765

pancreatic duct obstruct. by duodenal peri-vaterine diverticulum 34985

pathogen. of acute pancreatitis 6974

prednisolone ther. of scleroderma causing acute pancreatitis 41817

*experimental*

acute, after gastrectomy in peptic ulcer (Ger) 14954

acute hemorrh., eff. on serum lipids 27542

acute, induced by interstitial inject. of trypsin & trypsinogen into pancreas in dogs 154

blood desoxyribonuclease in pancreatitis produced by various methods in dogs 54660

histogenesis of acute hemorrhagic pancreatitis in dog 12474

mechanism of blood amylase & lipase increase after induction in dogs 1239

pancreatic duct obstruct. by ascarids causing necrotic pancreatitis (Rus) 18239

postgastrectomy acute pancreatitis 11868

postop., acute 14644

prod. by inject. of bile, bile salts or trypsin into pancreatic duct comparative effectiveness 54709

spontaneous develop. with duodenitis in exper. cholecystitis in cats (Ger) 34018

*in infant and child*

in Bantu inf., case reports 13420

necrotico-hemorrh. acute pancreatitis (Fr) 13017

with pancreatic lithiasis & irreversible diabetic coma (Sp) 21128

*in pregnancy*

acute, surg. (Fr) 18642

*manifestations*

clin. manifest. of acute & chronic cases 38831

ECG, case report (Fr) 36627

*pathology*

acute, autopsy findings 23499

*physiology*

review 13156

*surgery*

49690

caudal pancreatojejunostomy in chronic relapsing pancreatitis 33003

choledochojejunostomy 1225

chronic (Pol) 20457

chronic pancreatitis (Fr) 35052

chronic recur., indic. & technics (Fr) 10661

classif. of technics & indic. in chronic relapsing pancreatitis 49719

early surg. in acute pancreatitis (It) 6974

in acute necrotizing pancreatitis 50622

indic. & methods (Sp) 21155

left splanchnicectomy & left hemipancreatectomy in chronic lithiasic pancreatitis limited to head (Fr) 43431

sphincterotomy & plastic surg. of Vater's ampulla, indic., technic & results (Ger) 41893

*therapy*

(Fr) 49743

adrenal cortex hormones in acute hemorrh. pancreatitis (Fr) 4819

avafortan & other analgesics, alone & with antispasmodics, eff. on common bile duct pressure & Oddi's sphincter 45059

kallikrein-trypsin inactivator (Ger) 19381

med. & surg. ther. 27044

41082

*PANGAMIC ACID see* VITAMIN B COMPLEX

PANNICULITIS

subacute nodular migratory panniculitis 48181

*case reports*

recur., febrile, nodular-shaped, with bilateral breast involvement (Ger) 34550

Weber-Christian dis. 6983

35895

Weber-Christian dis. (Hun) 43428

Weber-Christian dis., case report (Fr) 9233

Weber-Christian dis. with lung involvement, clin. & autopsy findings & pathogen. 1177

*complications*

Weber-Christian dis. with calcification of soft parts, x-ray diag. (Ger) 39398

*in infant and child*

nodular caused by massive prednisone ther. 26429

*manifestations*

spontaneous chronic recur., clin. features (Ger) 4003

*pathology*

bone changes in Weber-Christian dis. 12359

non-suppurative with joint sympt., histopathol. 35478

panniculitis nodularis nonsuppurativa, histopathol. & nosol. (Ger) 39805

Weber-Christian dis., histopathol., comparison with nodular lesions in aphthosis en plaques & Behçet synd. (Ger) 16089

*therapy*

sclerous of leg (Fr) 11857

PANTOTHENIC ACID

27980

53265

enzymic release of bound pantothenic acid & microbiol. assay 28067

*antagonists*

2,3-dichloroisobutyric acid inhib. of enzymic synthesis 44954

*deficiency*

clin. & laboratory aspects of exper. defic. in man 17073

dietary eff. on immune mechanisms & tumor growth in cancer patients 14743

eff. of vitamin C, mediation of intestinal flora, review 20021

eff. on exper. oxygen pois. in rat 52445

eff. on total vitamin C in pregn. rats (Fr) 15100

eff. on testis histol. in rat 50957

inducing duodenal ulcers in rats, review 43290

*effects*

on longevity of mice 44095

*in blood*

in human whole blood (Fr) 26927

*metabolism*

requirement for dextran synthesis from sucrose in rumen strains of Streptoc. bovis 40853

requirements of fusobact. 50330

*related compounds*

calcium pantothenate, determ. methods (Ger) 45848

calcium pantothenate, eff. on induced whealing & on seasonal rhinitis 36240

pantothenyl alcohol aerosol ther. in resp. catarrh (Ger) 22837

pantothenyl alcohol for prev. & ther. of postop. discomfort, statist. 35870

pantothenyl alcohol in ther. of postop. tympanites 10994

pantothenyl alcohol, inject. in ther. of anal fissures (Fr) 2393

pantothenyl alcohol powder in local wound ther. in puerperium & after gyn. surg., with sulfisoxazole (Ger) 29482

pantothenyl alcohol-sulfisoxazole prep., ther. of inflamm. leukorrhea (Ger) 11463

pantothenyl alcohol ther. of postpartum & postop. intestinal obstruct. 47244

pantothenyl alcohol, ther. of skin dis., with sulfisoxazole gel (Ger) 51793

streptomycin-, dihydrostreptomycin- & viomycin-pantothenates, exper. & clin. evaluation, review (It) 9312

viomycin pantothenate, eff. on M. tuberc. in vitro & on exper. tuberc., comparison with viomycin sulfate (It) 3911

viomycin-pantothenate-sulfate ther. of pulm. tuberc. (Ger) 32323

viomycin pantothenate, ther. of primary pulm. tuberc. in small child. (Ger) 6013

*therapeutic use*

early reactions of bladder & intestine to x-ray & radium ther., with prednisolone, vitamin A & sulfonamide (Ger) 32670

intestinal atony & adynamic intestinal obstruct. in inf. & child (Hun) 43425

rheum. heart dis., in child., with salicylates (It) 39539

ulcer of leg (Fr) 54473

ulcers of leg, inject., cicatrizant action (Fr) 37883

*PAPAIN see* PROTEASES

PAPAVERINE

*determination*

in presence of narcotine, method 17953

*effects*

anticholinergic activity in vitro & in vivo (It) 37337

on blood pressure in exper. arteriosclerosis (Rus) 39343

on cerebral blood vessels, determ. by funct. angiography (Ger) 11035

on exper. spasms, comparison with various spasmolytics (It) 37336

on isolated guinea pig uterus & on human uterine fibers (Ger) 49019

*metabolism*

distribution & fate after admin. to man & other mammals 5737

*therapeutic use*

Ménière's dis. & post-concussion synd., with quinine (Ger) 49053

Ménière's dis. & vasomotor dizziness, with quinine, comparison with placebo (Ger) 18956

papaverine-theophylline-barbiturate prep. in posttraum brain decompensation (Ger) 52220

*PAPILLEDEMA see* NERVES, OPTIC, *diseases*

PAPILLOMA

bladder, histopathol. & surg. (Fr) 28673

papillary cystadenoma of paranasal sinuses 15740

*case reports*

bronchus 24731

condyloma acuminatus cornoides of penis (It) 29599

develop. of pseudo-epitheliomatous papillomatosis & epithelioma on tuberc. lupus (Fr) 37879

gallbladder 5807

gallbladder (It) 8605

gallbladder, spontaneous recovery (Fr) 24239

hard palate 20142

multiple peribuccal papillomatous lesions in vegetative syphilis (Dut) 36522

papillomatosis of larynx & bronchi, 34-year follow-up 48546A

rectum (It) 19176

squamous cell papillomas of uterine cervix 14760

sweat gland with multiple metastases 22030

*diagnosis*

stomach, giant, x-ray (Ger) 38903

*differential diagnosis*

kidney pelvis & ureteral papilloma from endemic nephritis in Bulgaria (Ger) 35528

*pathology*

rectum, classif. 40996

*surgery*

cystectomy for papillomatosis of bladder 18139

PARA-AMINOBENZOIC ACID

*determination*

technic using Aspergillus nidulans (It) 53830

*effects*

increase of bacteriotropic potencies of isoniazid, mechanism 24736

on Rickettsia prowazekii, resist. 50339

on tolerance of rats to high altitude (Rus) 13857

*metabolism*

E. coli strain, temperature-sensitive requirement 20730

*therapeutic use*

rheum. arthritis, p-aminobenzoic acid-aminopyrine-1,2-diphenyl-3,5-pyrazolidinedione prep. (It) 3729

ringworm of scalp (Sp) 35535

PARA-AMINOHIPPURIC ACID

*determination*

p-aminohippurate transport from cell to lumen in renal tubule 47113

p-aminohippurate transport in rabbit kidney slices, stages 47114

in kidneys, extraction values obtained by percutaneous catheterization & clearance studies on single kidneys 35385

*metabolism*

intracellular accumulation in kidney slices in vitro, displacement by various cpds. 12540

kidneys, eff. of various chemicals on tubular excretion in human volunteers (Ger) 29899

uptake by rat kidney cortex slices in vitro, eff. of pentobarbital 12543

*physiology*

renal tubular saturation, eff. on proteinuria in patients with hypertension & kidney dis. (It) 44167

PARA-AMINOSALICYLIC ACID

*see also* TUBERCULOSIS, *therapy*

*determination*

new method of qualitative & quantitative determ. of PAS & its calcium, potassium & sodium salts in pulm. tuberc. (Sp) 32445

new paper chromatographic method for PAS & deriv. (Fr) 47358

*effects*

goitrogenic eff. (Fr) 36973

on acetylation & inactivation of isoniazid after ther. admin. (Fr) 39867

on carboxylase activity in vitro (It) 13991



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

on isoniazid metab. in pulm. tuberc. (Fr) 32325
on leukocyte migration in mouth (Rus) 36407
on M. tuberc. metab. (Rus) 49436
on M. tuberc., resist. (Dut) 52480
on M. tuberc., sensitivity & resist. in relation to biochem. (It) 1540
on secretory capacity of tuberc. kidney (Fr) 46789
tissue reactions in exper. tuberc. foci, comparison with isoniazid & streptomycin (Fr) 21400

*in urine*
determ., simple method 17545

*injurious effects*
allergic reaction in intravenous inject., prev. with chlorpromazine (Fr) 19359
allergy, skin tests (Bul) 32779
dermatitis & hepatitis (Ser) 33367
hemolytic anemia, pathogen. comparison with anemia due to sulfonamides (It) 37506
hypersensitivity, rapid desensitization by ACTH 10535
hypersensitivity, ther., ACTH (Rus) 45156
severe systemic hypersensitivity reactions in tuberc. ther. 926
side eff. (Rus) 45191
side eff. in ther., prev. (Bul) 32812

*metabolism*
review (Pol) 53203

*related compounds*
benzoyl-PAS, calcium salt, ther. of pulm. tuberc., tolerance in oral admin., comparison with PAS-calcium (Ger) 32324
calcium benzamidosalicylate ther. of pulm. tuberc., with streptomycin & isoniazid, develop. of resist. 10538
isoniazid-PAS, chem. properties & biochem. (Ger) 36942
isoniazid-PAS, conductance, solubility & spectrophotometric data 16708
isoniazid-PAS cpd., microphotometry of disintegration in solution (Ger) 42458
isoniazid-PAS, eff. on cell division in plants (Fr) 24904
isoniazid-PAS sensitivity of M. tuberc., comparison with isoniazid & PAS alone (Fr) 48879
PAS-2-diethylaminoethyl-p-aminosalicylate prep., anesth. properties (It) 44367
prep. using 4-(p-carboxy-m-hydroxyphenyl)-thio-semicarbazide (It) 3539

*toxicity*
comparison of prep. containing pharmaceutical & molecular combination of PAS & isoniazid in rabbits (Fr) 26865

PARABIOSIS
between gonads & germ cells from chick & duck embryos, in vitro exper. (Fr) 48854
eff. of parabiosis between different genotypes of Plodia interpunctella & Ephestia kühniella on color of visual pigments in mutants (Ger) 34238
eff. of x-ray on chimera & parabiosis of Triton alpestres (Ger) 10001
embryonic parabiosis of chicks, exper. transpl. studies 47545
induction of acquired tolerance to parabiotic union in rats by means of globulins 47576
of dent. caries-susceptible & caries-resist. rats, eff. on caries activity 17217
prolongation of survival in dystrophic mice by parabiosis 47118
reciprocal blood exchange in parabiosed albino rats 740
renal histol. & histochem. changes in parabiotic rats, correlation with electrophoretic blood protein changes (Fr) 13014
tolerance of skin homografts related to fatal dis. in separated rat parabionts 7139

*PARACOCCIDIOIDOMYCOSIS see* BLASTOMYCOSIS

*PARADENTIUM see* PERIODONTIUM

*PARAFFIN see* PETROLEUM PRODUCTS

PARAGANGLIA
*see also* CAROTID BODY
blowfly chemoreceptor response to chem. & mechanical stimulation 17330
blowfly chemoreceptor response to electrical stimulation 17331
chromaffin cells of skin, relation to peripheral vasomotor regulation (Fr) 51382
develop. of sympath. paraganglia in certain Madagascar insectivores 40785
new type of chromaffin cells, probably storing dopamine 52456

*effect of drugs on*
reserpine on chromaffin system of adrenal medulla in cat, guinea pig & rat (Fr) 13467

PARAGANGLIOMA
*see also* PHEOCHROMOCYTOMA
(It) 25526
carotid body, anat., clin. & ther. aspects (It) 6809
carotid body tumor, review & case reports (Por) 13584
diag. & ther. (Rus) 45702
non-chromaffin (Fr) 40648
non-chromaffin (Por) 1569
nonchromaffin glomus jugulare & tympanic paraganglioma 11732
non-chromaffin, of head & neck 1181
of vasoregulatory tissues of brain (It) 37526

*case reports*
(Rus) 41557, 45236
carotid body (It) 47806
carotid body (Rus) 54574
carotid body tumor 6216
mediastinum 36323
non-chromaffin, of carotid body (Fr) 13074
non-chromaffin of vagal body, postmortem findings 48500
of cervical vagus pneumogastric nerve (Fr) 13065

*complications*
amenorrhea in retroperitoneal paraganglioma (Dut) 30001
unusual neurol. compl. 45057
vasomotor disord., paroxysmal caused by non-chromaffin paraganglioma of pneumogastric plexiform ganglion, case report (Fr) 29135

*diagnosis*
carotid angiography in large tumor with intracranial extension 50874

PARALDEHYDE
*therapeutic use*
convulsions in child., comparison with phenobarbital 43790

PARALYSIS
This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

*see also* FACIAL PARALYSIS
*see also* HEMIPLEGIA
*see also* PARAPLEGIA
electrodiag. & electrother. (Ger) 36474
Landry's paralysis, review & case reports (It) 54481
Mills' synd., case reports & review (It) 54270
periodic paralysis, classif. & pathogen. (Fr) 31915
reflex paralysis (It) 1522

*case reports*
generalized pseudo-paralysis caused by cerebral atrophy (Fr) 47443
recur. with left lung atelectasis in coarctation of aorta with postatenotic aneurysm (Ger) 382
spastic quadriplegia with disord. of sensitivity in Klippel-Feil synd. (It) 32152
transitory paraparesis of possible allergic origin (It) 25702
with hyperkaliemia, relation to adrenal cortex insuff. (Fr) 9151

*complications*
shoulder pain in quadriplegia, causes 32534

*etiology and pathogenesis*
hysteria, mechanisms (Rus) 46331
motor paralysis caused by herpes zoster (Ger) 52561
postdiphtheric (Ger) 52564
spinal anesth. (Ger) 42930
tetraplegia caused by inj. between 6th & 7th cervical vertebra, surg., tendon transfer to restore hand funct. 16975
thoracic herpes zoster with ascending quadriplegia, fatal develop., case report (Fr) 37862
vertebral fract., ther. (Ger) 6707

*experimental*
tick paralysis, induction in laboratory & in wild animals 31387

*in infant and child*
flaccid quadriplegia in newborn, case reports 46854
Sjögren-Larsson synd. 23517

*metabolism*
water-electrolyte disord. in periodic paralysis (Sp) 53925

*physiology*
electrical resist. of skin in different types of paralysis (Ger) 35261
hemodynamic changes in periodic paralysis (Sp) 53926

*therapy*
cerebrospinal stimulation in ther. of traum. paralysis (Fr) 53442
1-dehydro-16α-hydroxy-fludrocortisone, eff. on metab. in transitory paralysis (Fr) 14377
generalized (Dut) 19729
quadriplegia in adolescents, potential for rehabil. 50224
rehabil. in flaccid paralysis (Ger) 13384
rehabil. in hemiplegia & quadriplegia 48764
rehabil. in long-term resp. paralysis 16640
rehabil. in spastic paralysis (Ger) 13383

PARALYSIS AGITANS 37819
med. ther. & neurosurg. 43713
review 17009

*case reports*
hemi-parkinsonism, early manifest. & diag. 20554
postencephalitic, with oculogyric crisis, in 13-year-old girl (Ger) 34131

*complications*
psychomotor disord. (Dut) 7307

*etiology and pathogenesis*
(Sp) 32438
chlorpromazine & reserpine (Cz) 3755
epidemic encephalitis, artistic & ment. faculties in various stages of dis. (Rus) 34773
parkinsonism-like synd. caused by chlorpromazine & reserpine, ther., 3-(β-diethylaminoethyl)-3-phenyl-glutarimide (Ger) 52563
reversible parkinsonism induced by tranquilizing agents in ther. of schizophrenia 12602

*in aged*
ther., procaine, admin., intramusc. inject. (It) 42576

*manifestations*
akinesia 52582
dyspnea, resp. funct. tests 12802
oculogyric crises, stimulation of tegmentum & tegmentotomy 27030
speech disord., ther. 50864

*physiology*
disintegration of motor funct. in parkinsonian rigidity (Fr) 27341
electroshock, case report (Fr) 9134
stereotaxic exploration of globus pallidus & its fiber tracts (Fr) 54106
visual motor reaction time measurement, new device 7400

*statistics*
morbidity & mortal. 51559

*surgery*
cerebral subcortical surg. (Sp) 32455
destruction of globus pallidus, technic (Fr) 7306
neurosurg. (Dut) 37034
open approach technic (Fr) 23662
pallidal stereotaxy (Fr) 9138
progr. 3216
stereotactic brain surg., indic. (Ger) 9540
stereotaxic coagulation of globus pallidus & lentiform nucleus (Fr) 54107
surg. of globus pallidus & thalamus, indic. (Sp) 1798

*therapy*
(Ger) 42344
benzotropine methanesulfate (Sp) 44407
1-bicyclo-2,2,1(hept-5-en-2-yl)-1-phenyl-3-piperidino-propanol causing psychoses (Ger) 3256
1-bicyclo-2,2,1(hept-5-en-2-yl)-1-phenyl-3-piperidino-propanol & trihexyphenidyl, failure to demonstrate develop. of postther. glaucoma 3331
chem. pallidectomy (Rus) 10941
chemopallidectomy & chemothalamectomy, exhibit 8123
chemopallidectomy & chemothalamectomy, technic 53534
chemopallidectomy & thalamectomy, eff. on vocational status 13491
chemopallidectomy, indic. & technics 18084
3-diethylaminoethyl-3-phenyl-glutarimide (Fr) 47455
3-(β-diethylaminoethyl)-3-phenyl-glutarimide (Ger) 18953
3-diethylaminoethyl-3-phenyl-glutarimide (It) 25639
3-(β-diethylaminoethyl)-3-phenyl-glutarimide, clin. aspects & electromyography (Ger) 55372
3-diethylaminoethyl-3-phenyl-glutarimide, comparison with other drugs (Ger) 9529
diphenhydramine deriv., clin. & myographic studies (Ger) 39038
drug ther. 14304
orphenadrine in post-encephalitic parkinsonism (It) 31698
orphenadrine, pharmacol. & psychopharmacol. (Fr) 47466
review 15918, 29324
review (Fr) 15965

PARALYSIS, BULBAR
*etiology and pathogenesis*
amyotrophic lateral sclerosis (Ger) 44212

***PARALYSIS, CEREBRAL SPASTIC INFANTILE see*** **CEREBRAL PALSY**

***PARALYSIS, GENERAL see*** **PARESIS**

***PARAMECIUM see*** **CILIATA**

**PARAMYOCLONUS MULTIPLEX**

***case reports***

(Pol) 53162

with peculiar nystagmus (Fr) 9139

**PARANASAL SINUSES**

***see also*** **ETHMOID SINUS**

***see also*** **FRONTAL SINUS**

***see also*** **MAXILLARY SINUS**

***see also*** **SINUSITIS**

***see also*** **SPHENOID SINUS**

anat., histopathol. & surg. (Sp) 46667

***anatomy and histology***

anat. variations, clin. significance 13283

morphol. & radiographic aspects (Fr) 44658

of mucosal constituents, histol. study (Fr) 44662

***diseases***

fungus dis. (Ger) 53251

in child., etiol. & ther. 23450

infect. simulating cholesteatoma (Rus) 10780

simplified appar. for irrigation (Ger) 3958

ther., review 13279

***fistula***

causing purulent meningitis (Pol) 30084

***innervation***

(Fr) 23545

***neoplasms***

diag. & radical surg. 6240

diag., tomography of cranium, nasopharynx & face in Hirtz position (Fr) 13066

false cholesteatomas, diag. & clin. aspects (Rus) 45729

fronto-ethmoidal osteoma, extending into left nasal cavity 28477

neurogenic tumor (Sp) 23920

osteoid fibroma (Ger) 47863

osteoma, fronto-ethmoidal giant, with orbital & endocranial invasion (It) 13497

osteomas, necrotic, pathogen. (Cz) 14845

papillary cystadenoma 15740

review (It) 13493

ther. & surg. 11737

***pathology***

in coal mine workers of left Lower Rhine, Germany (Ger) 25823

***physiology***

eff. of high altitudes (Sw) 29222

relation to lymphoid tissue of nasopharynx 53500

***radiography***

complete image by x-ray of maxillary & sphenoid sinuses from different angles (Sp) 21210

technics & hazards (Ger) 11260

***wounds and injuries***

contusions, fract. & perf., compl., diag. & ther. (Fr) 44664

**PARANOIA**

anthropol. aspects (Ger) 15814

classif. 34598

concept (It) 44361

paranoiac synd., etiol. & psychodynamics (Rus) 34734

paranoid behavior in Addison's dis. 2658

***diagnosis***

by human figure drawings 17195

***in aged***

paranoid schizophrenia, existential analytic interpretation (Ger) 32265

***psychology***

classif. of paranoid personality (Fr) 27343

psychodynamics (Rus) 34735 34736

**PARAPLEGIA**

Pan-Am. Jets, sports team for paraplegics 18030

regulation of rectal funct. 53544

remote control typewriter for paraplegics 50178

traum., surg. & rehabil. (It) 8655

traum., surg., funct. rehabil. & hosp. & soc. problems (Fr) 48959

***case reports***

ascending spinal paralysis due to traum. spinal cystic cavitation 50956

so-called complete paraplegia caused by cervical dislocation of spine, reduction & recovery (Ger) 48350

***complications***

bladder disord., ther., tidal drainage (Ger) 23184

decubitus ulcer, management 8449

decubitus ulcer, prev. (Ger) 34303

decubitus ulcer, ther. & prev. (It) 42740

renal funct. disord., prev., review 48390

***etiology and pathogenesis***

brain disord. (Por) 18120

closed inj. of dorso-lumbar spine, surg. (Fr) 11989

epidural anesth., case report 2188

hyperextension inj. to cervical spine, case reports 13695

kyphoscoliosis, review (Fr) 9152

multiple sclerosis, surg., orthopedic surg. (Ger) 43807

osteitis deformans of 8th rib & thoracic vertebrae (Hun) 29165

vertebral fract. 16516

***experimental***

induced in monkeys by contamination of spinal anesth. needles & syringes by detergent washings 16614

***heredity***

hereditary spastic (Dut) 43078

***in aged***

progressive flaccid, with paraparesis, pathogen. (It) 32136

***in infant and child***

with osteoarthropathy of hip & tuberc. meningoencephalitis in 4-year old child (Fr) 53026

***in pregnancy***

nursing care & delivery of paraplegic patient with bilateral leg amputation 53820

prenatal care of patient with bilateral amputation of legs, role of obst. clinic nurse 52808

***physiology***

vasomotor responses to external stimuli 13008

wound healing in denervated areas 22021

***psychology***

pithiatic paraplegia in child with osteitis fibrosa of knee (Fr) 51507

***surgery***

orthopedic surg. (Fr) 42448

surg. rehabil. in severe traum. paraplegia (Fr) 6397

***therapy***

exercise with push-up chair (Sw) 43215

hypnosis, case reports (Sp) 21791

in Gt. Brit. (Sw) 22482

**PARAPSORIASIS**

***case reports***

(Sp) 44570

parakeratosis, unilateral pruriginosum (It) 6825

parapsoriasis-en plaques ressemblant actinic dermatitis (Fr) 2388

parapsoriasis-en plaques with spontaneous appearance & disappearance of skin tumors (Fr) 2377

parapsoriasis en plaques with sunburn & lymph node dis., differ. diag. from Hodgkin's dis. (Fr) 6314

***pathology***

lichenoides chronica, histopathol. differentiation from pityriasis lichenoides et varioliformis acuta 34846

**PARAPSYCHOLOGY**

apparent precognition, screen memory & myth form. in, psychoanalytic interpretation 4286

fire-walking during Anastenaria in Greece (It) 42589

in forensic medicine, review (Ger) 46188

invisible Oriental masters followed by various spiritualistic cults (It) 42590

parapsychol. targets & calls, non-randomness, exper. findings 17347

telepathy, types & case reports (Por) 13589

**PARASITES**

***see also*** **ARTHROPODS**

***see also*** **HELMINTHS**

***see also*** **PROTOZOA**

***see also*** **SARCOSPORIDIA**

***see also*** **TOXOPLASMA**

Atoxoplasma, life cycle, schizogony & transm. by mite Dermanyssus gallinae 19710

ectoparasites in rats in seaports (Pol) 33813

ectoparasites of rat, control by insecticides with residual eff. (Fr) 51513

exam. of fecal specimens for parasites & eggs, use of zinc sulfate centrifugation flotation technic as routine diag. procedure 54835

Hepatozoon sciuri in flea Orchopeas wickhami from squirrels, possible flea vector of infect. 30373

in feces, exam. technics (Sp) 44587

in water reservoir (Pol) 33763

new endoparasitic microorganism from gecko (Ger) 46257

on animals (Ger) 46231

schizogregarine Mattesia orchopiae in flea of squirrels in England 30370

vital staining of blood parasites with acridine orange 51000

**PARASITIC DISEASES**

***see also*** **HELMINTH INFECTIONS**

***see also*** **PROTOZOAN INFECTIONS**

blood dis. in birds (Pol) 33780

gastrointestinal in horses (Pol) 33686

intestinal (Sp) 53367

intestinal, diag. & ther., review 19263

intestinal, diag., coprol. exam., indic. & value (Sp) 49150

skin dis. in rice cleaners & transplanters (It) 8612

***case reports***

Encephalitozoon-like infect., clin. & laboratory aspects 46499

infestation by blood-sucking arthropod Linguatula serrata, 1st human case in Greece 22301

multiple parasitic infect. with hypoglycemia, adrenal insuff. & psychosomatic disord. (Fr) 43980

porocephaliasis, nymphal (Fr) 31065

***complications***

CNS, causing internal hydrocephalus 2024

ocultophilia (Fr) 51474

***diagnosis***

efficiency of various technics (Sp) 13891

fecal exam. by zinc sulfate centrifugation flotation technic 48989

intestinal, hosp. statist. 22574

laboratory methods, sequential analysis in evaluation of efficiency (Por) 8729

***epidemiology***

in Egypt 38210

in Port. India, intestinal dis. (Por) 40211

intestinal, in Alaskan Eskimos 24641

intestinal parasitic dis. in Italy (It) 9366

tropical, in sailors (Pol) 33736

***etiology and pathogenesis***

nutritional factors in pathogen. in man & animals, review 55206

***in infant and child***

diarrhea, diag. & ther. (Sp) 25677

eff. on general health cond. (Ser) 27062

intestinal dis., eff. on growth (It) 31701

intestinal dis. in Algiers, statist. (Fr) 24294

intestinal dis. in Dakar, statist. (Fr) 24296

intestinal dis., laboratory diag. technics (Fr) 24293

intestinal, in Puerto Rican preschool child. in Philadelphia 45928

intestinal, with NS manifest. (Pol) 30395

intestines, in young inf., epidemiol. (Sp) 53938

***manifestations***

leukorrhea (Sp) 8548

***prevention and control***

in China 48679

in China (Pol) 33682

insecticidal control of ectoparasites in livestock (Sp) 13895

present-day status 37545

***physiology***

resist. of host & endoparasites & parasitol. groups of hosts versus host-parasite systems (Pol) 33761

***transmission***

arthropod vectors (Sp) 18863

42240

from animals to man 21540

***therapy***

oxygen, ether-oxygen mixture & nitrous oxide ther. of intestinal parasitic dis., comparisons (Fr) 24258

**PARASITOLOGY**

bibliog. (Pol) 33683

bibliog. (Rus) 18905

51747

in Czech. (Ger) 33916

in Poland (Pol) 33685

in Russia (Pol) 33684

Polish Soc. of Parasitol. (Pol) 33675

**PARASYMPATHETIC NERVOUS SYSTEM**

***see also*** **NERVES, VAGUS**

cholinesterase in parasympath. nerves supplying sublingual & submaxillary glands in rats, histochem. demonstration 16784

eye & eyelid smooth musc. parasympath. innerv. in rabbit (It) 37341

uterine parasympathetic nerve supply & eff. of pelvic parasympathectomy on uterine funct. in pregn. 54716

***in various diseases***

shock, compensatory funct. (Pol) 24051

***physiology***

eff. of electrostimulation of orbital parasympathetic pathway on eye 34905



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

mediation in coronary circ. & myocardial contraction 2924

parasympathomimetic eff. of active hydrogen & of cathode currents on frog heart (Ger) 35573

PARASYMPATHOLYTICS

*see also* BELLADONNA ALKALOIDS

*see also* METHANTHELINE

*see also* MUSCLE RELAXANTS

*see also* NICOTINE

adiphenine, pharmacol. of quaternary deriv. (Rus) 33183

anticholinergic properties of glutethimide & other glutarimides (Ger) 39921

benactyzine methobromide, chem. kinetics of aqueous solutions 2816

benzoic acid complex esters (Rus) 39331

cholinolytic properties of amyl-alkyl ethers substituted by acetic & glycolic acids eff. of substitution of ethereal oxygen by sulfur (Rus) 3564

pharmacol. 30493

pipenzolate HCl as a new hallucinogen, pharmacol., dose-response statist. 46452

review 12288

synthetic, adsorption by simultaneously administered aluminum antacids 16718

*effects*

adiphenine & anicaine on reflective regulation of gastrointestinal tract in dogs (Rus) 33172

adiphenine on adrenocortical funct. in cats & rats (Rus) 33173

adiphenine on carbohydrate & phosphorus metab. in skeletal musc. (Rus) 33180

adiphenine on thyroid tissue metab. in mice & rats (Rus) 33181

adiphenine on vitamin B1 metab. in peptic ulcer (Rus) 33359

adiphenine quaternary deriv. on neurons of various organs in frogs & mice (Rus) 33182

10-aminoacylphenothiazine quaternary salts, spasmolytic activity in rabbit & guinea pig (Fr) 54901

benactyzine in large doses, psychotogenic & hallucinogenic properties 39266

benactyzine on CNS in rabbits 13436

benactyzine-supplemented meprobamate, analgesic eff. 39789

1-bicyclohexyl & 1-phenylcyclohexyl amino ethers, inhib. of eff. of nicotine & serotonin on isolated rat duodenum (Fr) 26913

1-[3-(o-chloro)-diphenylmethoxyethyl]-4-o-tolylpiperazine on exper. peptic ulcer in rats, pharmacol. (Fr) 47739

2-diethylaminoethyl 2-phenylbutyrate on blood circ. & pressure (Ger) 36956

diphenmethanil, anticholinergic activity in vitro & in vivo (It) 37337

diphenmethanil, on exper. spasms, comparison with various spasmolytics (It) 37336

3-feroic acid deriv., anticholinergic properties in relation to structure, exper. studies (Fr) 54880

isopropamide iodide-inhib. of gastric & salivary secretion in duodenal ulcer 3692

on blood coagulation (Ger) 27186

on cardiac vagus in patients undergoing electroshock ther. 37959

on immune hemagglut. in rabbits (Ger) 27145

on pH of stomach contents in active duodenal ulcer 38628

oxyphencinium on secretion of gastric mucosa, histochem. study (It) 3858

tridihexethyl iodide-meprobamate prep. on thyroid uptake & blood protein-bound level of radioiodine 30114

tridihexethyl, on prolactin stimulation in rats (Ger) 11036

*injurious effects*

benactyzine-induced psychosis in man (Cz) 48643

*poisoning*

benactyzin causing psychosis, case report 34084

*therapeutic use*

adiphenine-aminopyrine-codeine phosphate-diallylbarbituric acid prep. in severe postop. pain (Ger) 10303

adiphenine in peptic ulcer & chronic gastritis, eff. on gastric funct. (Rus) 33175

adiphenine in peptic ulcer, comparison with other methods (Rus) 33176

adiphenine in peripheral neurovasc. disord. in air hammer operators (Rus) 33179

adiphenine in toxemias of 1st half of pregn. (Rus) 33178

analgesic-parasympatholytic prep. in various cond., clin. evaluation (Ger) 42264

benactyzine in anxiety (Cz) 26818

benactyzine in anxiety & depression 3390

benactyzine in anxiety neuroses 50833

benactyzine in anxiety neurosis, response of various components of anxiety 50834

benactyzine in ment. disord., comparison with prochlorperazine 39166

benactyzine in neuroses, behavioral eff. 33434

benactyzine in NS disord. (Ger) 11057

benactyzine in psychoses 50169

benactyzine in psychoses, with meprobamate 770

2-diethylaminoethyl-(2-phenyl) butyrate - barbital - diallylbarbituric acid - phenobarbital prep. in sleep disord. (Ger) 51850

2-diethylaminoethyl-(2-phenyl) butyrate - isoniazid - 3-methyl-1,4-naphthalenedilolphosphate prep. in whooping cough (Ger) 19446

2-diethylaminoethyl-2-phenyl-3-methylvalerate methyl-bromide-ergotamine tartrate-reserpine prep. in autonomic NS dystonia (Ger) 3300

2-dimethylaminoethylbenzilate in common cold, with benzilic acid (Ger) 29491

diphenmethanil in lichen planus (Fr) 2428

diphenmethanil methylsulfate in gastrointestinal dis., alone & with phenobarbital or pherphenazine 12295

N-ethyl-N-γ-picolyl-tropic acid amide as mydriatic (Por) 21087

N-ethyl-N-γ-picolyl-tropic acid amide in glaucoma, comparison with homatropine (Ger) 7666

1-ethyl-3-piperidyl α-cyclopentyl-α-phenyl-glycolate in depression 50907

irritable colon (Sp) 21200

isopropamide iodide, in gastric hypokinesia, ulcer, gastralgia & gastritis (It) 39531

isopropamide with prochlorperazine 53059

nisidine (It) 51972

nisidine in postop. pain (It) 2881

oxyphencinium in chronic dysuria (Ger) 11008

oxyphencinium in gastrointestinal dis. 24419

oxyphencinium in peptic ulcer (Ger) 27532

penthienate methobromide in ileiteric diarrhea & encopresis in child. 26131

peptic ulcer & chronic gastritis, central action (Rus) 33177

peptic ulcer, mechanism of action & value, review 2605

tridihexethyl iodide in peptic ulcer & other gastrointestinal disord., with meprobamate 24416

PARASYMPATHOMIMETICS

*see also* ACETYLCHOLINE

*see also* ISOFLUROPHATE

*see also* METHACHOLINE

*see also* NEOSTIGMINE

*see also* PHYSOSTIGMINE

*see also* PILOCARPINE

*see also* PYROPHOSPHATES

additive synergism with aminopyrine, significance of vagus nerves (Ger) 36585

classif. according to mechanism of action 20493

cyclohexane deriv. (Cz) 38246

muscarines & muscarones, relation of structure to pharmacol. action 20784

muscarine, muscarone & their stereoisomers, structure & activity (Ger) 39225

structure & mechanism of action (Dut) 20315

*determination*

arecoline - acetarsone prep. in tablets, potentiometric titration (Ger) 43507

differentiation from histamine-like substances by tests on isolated mouse intestine 36566

*effects*

arecoline, on conditioned eye blink response in man 17054

bethanechol chloride prev. of ventric. fibrill. in induced cardiac arrest in hypothermic dogs 12824

carbachol on red-green color vision sensitivity (Ger) 43573

carbachol on resp. mechanism, eff. of sympathomimetic aerosols 40691

on immune hemagglut. in rabbits (Ger) 27145

potentiation of actions of analgesics, hypnotics & sedatives by drugs of neostigmine & pyridostigmine types (Ger) 23589

potentiation of morphine anesth., mechanisms 16290

pyridostigmine, antag. eff. on response to d-tubocurarine, in cats (It) 27620

pyridostigmine bromide on lysergic acid diethylamide action on brain metab. in rabbits (Fr) 26670

radiation protection in animals (Rus) 51775

*therapeutic use*

mysuran chloride in myasthenia gravis, clin. results (Fr) 54883

mysuran chloride in postop. intestinal atony & urinary retention, prev. & ther. (Sp) 13547

nasal dis., review (It) 42597

pyridostigmine bromide in funct. disord. of colon, mucosal penetration under continuous electrical current, iontophoresis technic (Fr) 39497

PARATHION

*determination*

in organs & blood of dead animals, technic (Ger) 36358

*effects*

on erythrocyte count & plasma cholinesterase, in humans 11610

*poisoning*

after exposure in greenhouses 37

case reports (Bul) 33767

chem. reversal of tox. by drugs potentiating cholinesterase activity in mice 13459

epidemic in adults & child. in Cairo 1477

in child. 37348

in Finland (Fin) 54639

review (Ger) 49307

severe, ther., atropine (Bul) 33768

suicide, case report (Fr) 1338

ther., picoline-2-aldoxime iodide (Ger) 3251

ther., pyridine-2-aldoxime methyl iodide (Nor) 54974

54975

*related compounds*

diethyl-p-nitrophenyl phosphate, enzymatic lysis (Cz) 21575

*toxicity*

diethyl-p-nitrophenyl phosphate induction of resp. paralysis in exper. animals, reversal by pentylenetetrazole & pyridine-2-aldoxime methiodide (Ger) 29898

resp. paralysis induction in exper. animals, reversal by pentylenetetrazole & pyridine-2-aldoxime methiodide (Ger) 29898

PARATHYROID GLANDS

*anatomy and histology*

cytol. of normal & activated parathyroid of rat, electron & light microscopy, cell counts & nucleic acid histochem. 17225

species differentiation in domestic animals (Ger) 34225

*diseases*

*see also* OSTEITIS FIBROSA

*see also* TETANY

exper. hyperparathyroidism, eff. on renal funct. & structure in rats 11890

hyperparathyroidism 19061

hyperparathyroidism, acute fatal (Nor) 52722

hyperparathyroidism, arteriovenous calcium & citric acid (Cz) 38130

hyperparathyroidism caused by adenomas of all four parathyroids in congen. renal dis., 2 case reports 29523

hyperparathyroidism caused by parathyroid cancer with recur. & metastases to lungs, case report 4801

hyperparathyroidism causing osteosis, case report (Fr) 21387

hyperparathyroidism, diag. 2255

12690

hyperparathyroidism, etiol. & compl., case reports & review (Ger) 27378

hyperparathyroidism, hered., with recur. pancreatitis, case reports 13158

hyperparathyroidism in chronic renal dis. 46420

hyperparathyroidism in identical twins with sarcoidosis in one 29522

hyperparathyroidism, laboratory diag. 43716

hyperparathyroidism-like syad. in epidermoid carcinoma 36315

hyperparathyroidism manifested by primary vesical calculus, case report 35888

hyperparathyroidism, physiopathol., biochem. & case reports 54513

hyperparathyroidism, prev. by vitamin D (Sw) 43193

hyperparathyroidism, primary, diag. & manifest. 33049

hyperparathyroidism, primary, diag., phenomenon of fading of hypercalciuric urines (It) 1516

hyperparathyroidism, primary diag. value of ionized, protein-bound & complexed blood calcium 41836

41840

hyperparathyroidism, primary, manifest. 8478

hyperparathyroidism, primary, serendipity in diag. 24433

hyperparathyroidism secondary to nephropathy caused by thrombosis of inferior vena cava (It) 1512

hyperparathyroidism, secondary, with osteomalacia in sprue (Ger) 23094

hyperparathyroidism, static & dynamic diag. tests (Sp) 8795

hyperparathyroidism, with gastric ulcer & metastatic thyroid adenoma, case report 30224

hyperparathyroidism with pancreatitis, possible etiol. relation, case report 19915

hyperparathyroidism with recur. renal calculi 14165

hypoparathyroidism after thyroidectomy (Sp) 43890

hypoparathyroidism causing nail dis., relation to hypothalamus (Ger) 34449

hypoparathyroidism, clin. & pathogen. aspects (It) 36729

hypoparathyroidism, idiopathic, case report 3932

hypoparathyroidism, idiopathic, with psychoses, chlorpromazine ther. causing jaundice, case report 586

hypoparathyroidism in child, case report (Pol) 7818

hypoparathyroidism, primary chronic in child, case report (Fr) 53390

hypoparathyroidism, primary, ther., dihydrotachysterol (Sp) 21190

hypoparathyroidism, renal excretion of phosphorus (Fr) 41932

hypoparathyroidism, successful intravenous vitamin D2 ther., case report 50432

hypoparathyroidism, ther., calcinosis factors (Ger) 11216

hypoparathyroidism, ther., probenecid 29524

hypoparathyroidism with nephrocalcinosis & hyperostosis frontalis interna (Ger) 35581

idiopathic hypoparathyrodism & pseudohypoparathyrodism, case reports of review 51673

insuff., ther., vitamin D2 & D3 (Ger) 49049

primary chief-cell hyperplasia, surg. 1238

pseudohypoparathyroidism & pseudo-pseudohypoparathyroidism, familial case reports (Fr) 2484

pseudohypoparathyroidism, familial cases, comparison with idiopathic hypoparathyroidism 35079

pseudohypoparathyroidism in mother causing ear abnorm. & dis. in offspring 36265

pseudohypoparathyroidism in young child. 46389

pseudohypoparathyroidism with adiposity & dwarfism, case report (It) 49583

pseudo-pseudohypoparathyroidism with & without gonadal dysgenesis, case reports 51334

relation to pathogen. of rickets (Rus) 43565

***effect of drugs on***

prednisone on funct. in man 24812

***effect of excision***

hyperplastic bone reaction after thymoparathyroidectomy in osteogenesis imperfecta (Fr) 31080

on blood & urinary inorganic phosphorus & response to acute systemic stress 16291

on exper. vasc. necrosis of kidneys in rat 23466

on haversian remodeling of bone in dog 39213

on removal of injected radiocalcium & radiostrontium from bones by peritoneal lavage 31384

on susceptibility of tissues to croton oil inject. in rats (It) 44804

prev. of osteodystrophy caused by loss of gastric juice in rats 3693

***extracts***

comparison of eff. in rats with cortisone, review 45282

eff. of gelatin on assay of purified extracts 49271

eff. of mammalian extract on fish Lebistes reticulatus 3937

eff. on blood glycoproteins & seromucoid & on polysaccharide & calcium deposits in kidney in rat, comparison with eff. of turpentine 35787

eff. on osteogenic tissue of rats & guinea pigs 23791

eff. on sulfate metab. of cartilage & bone in rachitic rats 31395

eff. on survival of rats after total-body x-irradiation 29835

liposoluble, hypercalcemic eff. in dogs & rats (Fr) 15102

mode & site of renal action in dogs 48452

***function tests***

in patients with funct. gastrointestinal distress 35176

***hemorrhage***

in young inf., causing tetany, case report (It) 42776

***hormones***

eff. of single dos. on peripheral, medullary & splenic eosinophils in mice (It) 1589

eff. on blood iron (It) 1983

eff. on bone calcium & sodium in rats 5776

loss of biol. activity upon oxidation with hydrogen peroxide & reversal by reduction by cysteine 32349

***neoplasms***

adenoma, case report 5239

adenomas of all four parathyroids causing hyperparathyroidism in congen. renal dis., 2 case reports 29523

adenoma, surg., results (Rus) 41601

metastatic from breast carcinoma in hyperparathyroidism with osteitis fibrosa cystica 14751

papillary cystadenoma, clin. & cytol. aspects (Fr) 53374

with kidney calculi, renal biopsy (Dan) 19945

x-ray differ. diag. with photoelectric scanning of radioiodine distribution (Ger) 39411

***physiology***

eff. of hypervitaminosis A in rats 35533

funct. in hyperthyroid patients 49239

regulation of calcium & phosphorus levels, review (Sp) 21102

relation to calcium & phosphorus metab. disord. & bone lesions in glomerulonephritis (Fr) 9653

***transplantation***

of cultured parathyroid tissue into patients with hypoparathyroidism, preliminary exper. 10503

technic & results in dogs 22313

## PARATYPHOID FEVERS

***complications***

myocarditis (Rus) 32887

***diagnosis***

laboratory methods, value (Fr) 31960

stool exam. in W. Germany, statist. evaluation (Ger) 25221

***epidemiology***

in Italy (It) 1121

***experimental***

eff. of chloramphenicol, immunogenic & antigenic factors (Rus) 11475

eff. of chloramphenicol in rabbits (Rus) 52945

***immunology***

antibody localization by electrophoresis of blood proteins (It) 1937

frequency of natural antibodies in Egyptians 28317

***prevention and control***

typhoid-paratyphoid-dysenterial polyvaccines, field results (Rus) 55764

***therapy***

tanamycin 25022

***transmission***

prev. ther. of carriers (Ger) 6657

***PARENTERAL INFUSIONS*** *see* **INFUSIONS, PARENTERAL**

## PARENTS

***see also*** **FAMILY**

assumed similarity of young adult offspring & inferred parental evaluations of self, relation to personal adjustment 40759

child-parent relations, retrospective attitude studies 2832

child-rearing behavior of parents, factor analysis 2836

counseling of parents of problem child. 53614

counseling parents of ment. deficient child. 7858

dominance attitudes in parents & adult avoidance behavior in young child. 26579

early mother-child interaction, eff. on identification processes 44232

ego ther. of parents of psychotic child. 24593

emotional & psychol. factors of father as head of family 2330

empathy between mother & child, psychoanalytic interpretation 44249

evaluation of both parents by child. by Parental Authority-Love tests 40761

intelligence of mothers, correlation with IQ of their schizophrenic child. & emotionally disturbed child 17132

interpretive & summing-up process with parents in diag. of behavior disord. in child. 19069

maternal personality & relation to child in pathogen. of schizophrenia, comparison with hered. factors, review 24089

mother behavior, comparison of interview & observation measures 16490

mother-child separation, ment. hyg. hazards 37582

neglectful mothers, problems in Gt. Brit. 6550

nurse's responsibilities in supervision, counselling & teaching new parents 14724

of schizophrenic & neurotic child, comparison 31547

outlook of parents on future provisions of ment. retarded child. 24473

parent attitude measurement, validity 26580

parent-child relations, retrospective attitude studies 2832

parental attitude in child-bearing & educ., research methodol. 3833

parental attitudes 17134

parental attitudes, acquiescence & extremes set components 53619

parental attitudes of mothers of schizophrenics 17171

parental deprivation in etiol. of ment. disord. 12615

parental estimate of intelligence of retarded child. 46080

personalities of parents of schizophrenics 24591

personality of mother, eff. on incidence of gastrointestinal disord. in inf. 5112

phys. brutality of parents as etiol. factor in first-degree murder 16658

positive feelings between a schizophrenic & his mother 50040

psychother. of mother in encopresis & enuresis in boy (Ger) 55574

reasons for defection from treatment in child guidance clinic 19088

relation of parental attitude to level of achievement of severely retarded child. 46963

simultaneous hosp. admission of normal child with their mentally disturbed mothers into psychiatric hosp. in England 18435

Spearman correlations of MMPI scores of parents with their college student child. 17144

## PARESIS

demographic aspects 51901

***case reports***

in Huntington's chorea 50853

***in aged***

with senile psychosis, anatomoclin. aspects (It) 27671

***psychology***

psychoses associated with syphilis 12324

selective & differentially accelerated intellectual dysfunct. 4913

***statistics***

recovery rate, Italian psychiatric hosp. statist. (It) 31695

***therapy***

fever ther. by induced relapsing fever (Fr) 999

fever ther. with baker's yeast extract (Rus) 48318

fever ther. with malaria & Caucasian recur. fever & penicillin (Rus) 34686

## PARESTHESIA

***see also*** **SENSATION**

***differential diagnosis***

acroparesthesia, differentiation from carpal tunnel synd. 4324

acroparesthesia of wrist, from carpal tunnel synd. (Af) 9809

***etiology and pathogenesis***

extravertebral factors in acroparesthesia (Ger) 52272

***in pregnancy***

acroparesthesia of hand as manifest. of carpal tunnel synd. 17854

## PARIETAL LOBE

***diseases***

caused by middle cerebral arterial aneurysm (Sp) 21250

causing alexia (Rus) 34014

lesions causing body-image & finger agnosia, position & weight sense loss, astereognosis & other sensory defects 47784

***physiology***

eff. of serial lesions on visual & tactile discrimination in monkey 4930

***PARKINSONISM*** *see* **PARALYSIS AGITANS**

## PARONYCHIA

***etiology and pathogenesis***

40178

***surgery***

principles & results (Ger) 22823

choice of incision (Hun) 30297

technic & results (Rus) 5959

***therapy***

borotannic complex-salicylic acid prep. (Ger) 20604

management (Fr) 15216

x-ray ther. (Ger) 22847

zinc iontophoresis in mycotic paronychia (Rus) 55197

## PAROTID GLAND

***anatomy and histology***

anat. variations 48422

macroscopic structure (Ger) 11257

***blood supply***

supersensitivity of blood vessels after denervation in cat 14119

***calculi***

uric acid calculus, with gouty arthritis, case report 36271

***diseases***

anthrax following gastrectomy for stomach cancer (Sp) 1846

bilateral enlargement in liver cirrhosis cases 1152

diag., technics 8105

hypertrophy in nutritional defic. (Sp) 44517

intermittent swelling due to ill-fitting dentures, diag. & ther. 8214

surg., facial nerve resection, indic. & technic (Ger) 11258

swelling in child., etiol. & surg. indic. 26657

*effect of drugs on*

acetylcholine, arterenol & epinephrine on saliva secretion in denervated parotid of monkey 16337

mercurophylline on secretion (Hun) 20159

*fistula*

causing submandibular cyst (Tur) 22384

surg., indic. & technics 24672

*foreign bodies*

wheat seed in excretory duct causing inflamm. of parotid gland (Ger) 23036

*hormones*

parotin degradation by homogenates of various rat tissues in vitro 15586

parotin distribution & degradation after inject. into rats, eff. of ligation of various blood vessels 15585

parotin, eff. of trypsin on its biol. activity 49231

parotin, eff. of trypsin on its chem. & physicochem. properties 49232

saliva-parotin A labeled with radioiodine, distribution after admin. to rats 49240

uroparotin, extraction from human & rabbit urine & chromatographic purification 49242

uroparotin, extraction from urine & purification 49241

*innervation*

paroxysmal secretion of saliva following cutting post-ganglionic parasympath. nerve fibers of parotid of cat 17979

*metabolism*

chloride content in parotid saliva of naval recruits, relation to caries incidence 17215

histochem. & biochem. study in normal & in hypophysectomized rats 480

kallikrein inactivator isolation from bovine parotid (Ger) 49864

*neoplasms*

angioreticuloendothelioma, azatomocin. & histogenetic aspects (It) 25557

carcinoid, case report (Fr) 2331

epidermoid carcinoma of Stensen's duct 46539

giant mixed tumor of myomatous type, causing prolongation of facial nerve (Fr) 2324

hemangioendothelioma in inf., case report 24677

intraparotid neurilemmoma of facial nerve (Sp) 25952

melanoblastoma, metastatic, case report (Ger) 23040

mixed tumors (Fr) 39502

myeloma, plasma cell, metastatic from mandible, case report (Hun) 52899

oxyphilic granular cell adenoma, case report 12830

prod. by leukemic organ extracts in newborn mice (Fr) 48843

salivary adenolymphoma, case reports & review (Sp) 20656

surg. 50319

surg., technic & statist. 35028

*pathology*

in pellagra, symmetrical noninflamm. hypertrophy 18138

*physiology*

comparative rates of salivary & blood flow & ionic balances & transferences during maximum stimulation in sheep 29620

comparison of salivary secretion of both parotid glands in sheep 7186

continuous & reflex secretion in ruminants 51092

eff. of radial acceleration on secretion in dogs (Rus) 37172

eff. of stimulation of sympath. nerve & of epinephrine on flow of parotid saliva in sheep 51093

influence of mouth & nasal breathing, reading & speech on secretory activities (Ger) 23595

poisonous secretion in toad Bufo mauritanicus, chem. comparison with skin secretions (Ger) 30595

potassium & sodium clearance 35815

regen. (Rus) 33294

saliva flow, pH & titratable alkalinity in naval recruits in relation to caries incidence 17216

secretion rate & composition of proteins in man 14603

*surgery*

excis. & postop. develop. of sweating & flushing of face during meals 273

excis., postop. auriculotemporal synd., anat. & physiol. theories & surg. 14204

PAROTITIS

*see also* MUMPS

postop. (Ser) 21960

orchio-epididymo-pancreatitis, ther. with prednisolone (It) 36765

*experimental*

Coxsackie type B1 parotitis in mice 46778

*in aged*

micrococcal, case reports 52606

*surgery*

ligation of parotid duct in chronic recur. parotitis 35289

PARTHENOGENESIS

chromosome regulation in parthenogenetic eggs of worm Eisenia foetida (Fr) 48795

cytol. during parthenogenesis of mite Platynothrus peltifer (Fr) 38677

self-fertilization in serranid fish 54398

*PAS see* PARA-AMINOSALICYLIC ACID

PASTEURELLA

haemolytica & multocida, biochem., pathogen. & immunol. properties (Cz) 14803

haemolytica, colonial variation in strain isolated from sheep 16886

isolation from cattle with shipping fever & pathogenic role 12731

multocida, isolation from lion-bite wound & from lion's mouth 5662

multocida 074B, isolation from peritoneal pus in acute appendicitis in child, relation to other Pasteurella multocida strains 5675

*culture*

selective media for various species 17305

*infections*

causing phlegmon, diag. & ther. (Ger) 52262

hemolytica infect. in mice, exper. immun. 50480

hemolytica infect. induced in mice by intraperitoneal & intracerebral inj., with demonstration of protection by immune sera 17112

Pasteurella septica empyema, fatal, in aged woman 2370

pseudotuberc., allergic diag. in cats (Fr) 15103

pseudotuberc. causing ileocecal lymphadenitis, clin. & exper. studies (Ger) 54390

pseudotuberc. in guinea pigs, exper. prod. & pathol. (Fr) 3080

pseudotuberc., induction & pathol. in cats (Fr) 15131

pseudotuberc. mesenteric lymphadenitis in young people 19856

pseudotuberculosis in humans (Ger) 6687

rheum. manifest. (Fr) 44797

PASTEURELLA PESTIS

*see also* PLAGUE

*see also* TULAREMIA

eff. of passage in immune animals on virulence (Rus) 34618

electron microscopy in infected hog blood (Rus) 22698

strains isolated from Microtus brandti & other rodents in Mongolia (Rus) 34620

toxin, eff. of Kreb's cycle inhibitors on infected animals (Rus) 34674

variability, cytol. aspects (Rus) 34619

virulent strains, fate after intracardial inject. into guinea pigs 17480

*effect of drugs on*

glucose toxic eff. on virulent cultures 16875

*immunology*

dissociation, immunol. comparisons of smooth & non-smooth variants 40446

dissociation, relation of smooth & non-smooth variants 40447

*metabolism*

prod. of pesticin, bacteriocin-like substance with inhib. eff. on Pasteurella pseudotuberculosis 17303

PASTEURELLA TULARENSIS

immunogenic properties of virulent & vaccinal strains (Rus) 34615

*PATELLA see* KNEE

PATERNITY

*see also* ILLEGITIMACY

*determination*

anthropogenetic aspects (Dut) 49762

by blood group tests with inclusion of blood relatives in use of Wiener's hered. theory (Ger) 15317

by blood groups 52761

by blood groups, expert testimony (Ger) 27150

by finger length proportion (Ger) 49114

by Rh blood groups, calculation of probabilities 220

by serol. & genetics, legal factors (Cz) 38264

case report demonstrating limitations of paternity tests (Sp) 21219

finger prints & ears in research on paternity (It) 19224

paternity tests 52761

procreative capacity, forensic detection of frauds (Ger) 27123

PATHOLOGY

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

cellular, contribution of Rudolf Virchow (Dut) 43073

cellular pathol., progr. 37706

clin. pathologist, relation to GP 4145

color designation system for use in description of gross pathol. specimens 134

comparative pathol. in Africa (Fr) 2375

concept of local cellular pathol. versus general pathol. (Ger) 41763

contribution of Acad. Nacional de Med. de México to pathol. anat. (Sp) 29385

contribution of Ludwig Aschoff 21728

contribution of Lionel Smith Beale to clin. pathol. 29285

contribution of Liverius O. Darkshevich (Rus) 21909

contribution of Yves Poursines (Fr) 29193

contribution of Karl Rokitansky & Rudolf Virchow (Ger) 38941

contribution of Virchow 18381

contribution of Rudolf Virchow (Ger) 4054

25812

duties of clin. pathologist 28464

embedding of pathol. specimens in methylmethacrylate (Hun) 22360

exam. of specimens, review (Rus) 25726

forensic pathol., medicolegal requirements of autopsy 4144

importance of electron microscopy (Fr) 3294

in England, progr. 18434

in Royal Army Med. Corps 18038

microtechnics 40435

Pathol. Institute, Stalin City, Germany (Ger) 55668

physiopathol. in Russia (Rus) 33461

radiographic exam. of surg. specimens, value to surgeon, radiologist & pathologist 31638

relation to therapeutics (Ger) 32955

Society of Exotic Pathol., 50th anniversary (Fr) 53407

thick section prep., simplified technic (Fr) 13018

tissue committee in hosp., organiz., funct. & relation to other hosp. serv. 4851

*apparatus and instruments*

imbedding substance for macroscopic tissue exam. (Ger) 55667

*education*

contribution of Ruth Cecilia Wanstrom 55145

department of pathol. physiol. at Friedrich Schiller University in Jena (Rus) 7796

*history*

beginnings of clin. pathol. correlation 40830

Department of Pathol. Anat., National Acad. of Med. of Mexico (Sp) 6611

holistic pathol., hist. note 19143

in Hungary, Sámuel Benkő the first Hungarian pathol. anatomist (Hun) 52905

in Italy, contribution of Ospedale Maggiore of Cremona (It) 2000

PATIENTS

*see also* WOUNDED AND SICK

attitudes regarding efficacy of reading popular psychiatric & psychol. articles & books 51097

child, in hosp., eff. of hospitalization (Ger) 18910

Christ-child contest for hospitalized child. 27923

Christmas activities for patients in hosp. 27920

communication between physician & cancer patient 2547

consent to diag. & ther. procedures, medicolegal aspects 40164

containing radioactive materials, radiation protection of ambulance personnel during conveyance 52184

cooperation of patient with physician, specialist & technician (Fr) 32383

distribution of patients hospitalized for surg. in U. S. 2389

emotional reactions of surg. patients to hosp., anesth. & surg. 12099

hosp. care, total-patient care by hosp. personnel 16210

hosp. patients, statist. (Fr) 54003

hosp. problems (Dut) 55867

hospitalization, eff. on intellectual & psychomotor develop. in inf. & child. (It) 42803

information by med. journals (Du) 54486

information for surg. patients entering the hosp. 2308

need for understanding treatment in GP 52765

nurse-patient relations 52821

patients' reactions to decoration of anaesthetic room 27727

personality factors among med. students in their predisposition to view patient as whole man 17687

practicing physician's responsibility to inform cardiac patient about surg. facts 7502

prayer cards for hosp. patients 27930

psychol. prep. for surg. by surgeon 30900

reaction to bedside teaching of med. students 7427

reactions of child. to hosp. experience 7544

reactions of hospitalized child. to illness 7880

reasons for changing doctors 51570

relation to GP, assistance with soc. problems 15260

relation to physician 6433

15938

50863

relation to physician (Hun) 7370

relation to radiologist & x-ray technician 11084

respects of patient's personality by physicians (Ger) 51854

sociogramatic study of spontaneous patient groupings 14718

survey of patients of hosp. L'Hôtel-Dieu, Paris, for information on family status, housing, occup. & econ. status & med. hist. (Fr) 31900

*PEANUTS see* NUTS

PEAS

O-acetylhomoserine in pea plants, isolation & identification 29838

mitosis, inhib. by reaction of 3,6-pyridazinedione with sulfhydryl groups 13724

mycorrhiza of peas, biol., review (Ger) 47658

nonpolar transport of gibberellin through pea stem, determ. method 21701

seed extract causing breakdown of glycolytic substrates 1638

PECTINS

properties, chem. & metab., review 35562

*effects*

pectin prep., on form. of postop. adhesions in animals (Ger) 11451

*metabolism*

fermentation by Clostridium flavum & Clostridium lanigani 50326

lysis by soil microorganisms (Fr) 15084

*PEDAGOGICS see* EDUCATION

PEDIATRIC DISEASES

*see also* INFANT, NEWBORN, *diseases*

*see also* INFANT NUTRITION DISORDERS

(Fr) 41104

(Pol) 7821

diag. & ther., review 18683

eff. of dis. on intellectual & psychomotor develop. (It) 42803

eruptive viral dis. causing primary typical pneumonia (Fr) 51497

evil eye & ancient concepts of child. dis. 9789

iatrogenic dis. 16577

iatrogenic dis., definition 2165

hypotonic dis. in inf., progn. value of musc. biopsy 48131

over- & underestimation of minor cond. (Ger) 19401

peculiarities in furrows of palm of hand & sole of foot in child. with various dis. (Ger) 36169

progr. in detection & management 22295

review 20563

synd. due to unaccustomed & unrestrained activities & nutrition on holiday excursions (Sp) 46682

*blood in*

iron levels (Sp) 21221

*diagnosis*

fluoroscopy, evaluation of image intensification technics 53718

x-ray diag., genetic hazards (Ger) 45262

x-ray diag., gonadal protection 48423

x-ray diag., progr. (Ger) 3287

*epidemiology*

in Czech. (Cz) 38310

*etiology and pathogenesis*

polyetiol. (Ger) 22868

*immunology*

immunohematol., progr. (It) 20224

*manifestations*

conditioned reflex changes in pupils (Rus) 7921

unusual pediatric dis. with ocular manifest. 12453

*microbiology*

(Dut) 18567

*physiology*

EEG, comparison with normal child. (Rus) 23261

*prevention and control*

admin. of animal colostrum 8514

*statistics*

in U. S. in GP 15938

in W. Nigeria 1400

morbidity & mortal. at permanent U. S. army base in Japan during antibiotic era 7850

morbidity & mortal. in preschool-age child. in Spain (Sp) 296

*therapy*

acute, prednisolone, parenteral admin. (Ger) 51831

adrenal cortex hormones (Sp) 37266

adrenal cortex hormones (Sw) 45351

α-aminoacetic ferrous sulfate complex, eff. on hemoglobin levels 43793

aminopyrine 8-hydroxyquinoline-5-sulfonic acid (Ger) 22887

antibiotics 20507

blood transfusion in rural hosp. (Rus) 45233

chloramphenicol-tetracycline prep. (Sp) 8191

colimycin (It) 52017

N-p-chlorophenyl-2,4-diamino-s-triazine (Ger) 20479

climatother. (Ger) 18907

dosulfin, indic. (Sp) 30972

fluid ther. in emergency department of children's hosp. in Mexico (Sp) 1823

in hosp. wards (Sw) 32644

meprobamate (Ger) 8150

47642

meprobamate, sustained action capsule 51047

metaparafynol with extracts of Asperula odorata, Centranthus ruber & Melissa officinalis (Ger) 19421

19-nortestosterone propionate (It) 8577

nursing care in psychosomatic pediatric dis. 19997

nursing care, role of activity nurse 24482

oleandomycin & triacetyloleandomycin, clin. & laboratory results 40426

oleandomycin-tetracycline prep. (Ger) 21617

oleandomycin with tetracycline (Sp) 29384

oxytetracycline, oral admin. (Ger) 19804

phenothiazine deriv., indic. (Ger) 19400

19614

19439

N'-(1-phenyl-5-pyrazolyl) sulfanilamide (Ger) 18957

physiother. (Rus) 43870

reserpine (Sp) 348

story-telling, ther. value in nursing care 20000

3-sulfanilamido-2-phenyl-pyrazole (Ger) 18917

Synder technic for maintenance of body fluid balance (Sp) 25875

thalassother. (Ger) 10288

tranquilizing agents, criticism (Ger) 52170

vitamins, review (Ger) 29415

PEDIATRICS

Amer. Board of Pediatrics, report of 1958 written exam. 30434

bedside laboratory technics for blood electrolyte determ., review 53013

blood-drawing technics, review 53014

child neurol., relation to other branches of med. (Cz) 38380

Columbus Receiving Hosp. for Child., Ohio, funct. & purpose 43324

composition of private pediatric practice in a small community in southern U. S. 7877

concept of diathesis in (Dut) 52507

consultation polyclinic (Rus) 9914

contribution of Hector Charles Cameron 16056

cooperation of child. department in outpatient serv. (Cz) 38340

Czech. Pediatric Assoc., progr. (Cz) 14863

field work in Chile (Sp) 36856

in Australia (Ger) 25272

in Czech. & Poland (Sp) 33984

in Italy (It) 35577

inpatient hosp. units with child. as day patients 41877

Institute of Child Health, Calcutta 4224

neurol. specialization (Pol) 30073

pediatric neurol. in Czech. (Pol) 30407

pediatric outpatient departments, problems requiring further study 43537

pediatricians' problems in adapting to necessary skills in child care 4226

prev. pediatrics 4230

primary role of pediatrics in psychosol. of child., as opposed to psychoanalysis (Ger) 19412

progr. (Fr) 20676

progr. in past 25 years 11819

47775

progr., specialization & place in general med. educ. (Por) 40228

review (Ger) 19424

review (It) 36228

role of pediatrician in phys. fitness of child. 50170

Soc. for Pediatric Research 11818

soc. pediatrics (Ger) 15454

sociocultural profile of type of family receiving service from children's hosp. in Mexico (Sp) 1822

sudden death in clin. pediatrics (Por) 52991

teaching & practice in Latin America (Sp) 36855

trends 16567

*education*

comprehensive train. program for 1st year pediatric interns 5716

Department of Pediatrics, Georgetown University Med. School, Washington, D. C. 37809

in Argentina (Sp) 44397

in Australia, role of pre-school center 18735

in Europe 4023

in India, special institutions & pediatric facilities in med. colleges 4229

in Russia 18315

need for pediatrics as major subject in undergraduate med. curriculum 4227

nursing curriculum 16316

program at Hosp. Infantil, Mexico City (Sp) 13899

teaching of soc. pediatrics at Internat. Child Center (Fr) 44692

train. program including soc. problems & community resources as well as hosp. train. 5363

undergraduate educ. in India 4228

undergraduate train. of med. students 6165

*surgery*

anesth. & preop. & postop. medication (It) 29695

anesth. premedication with promazine (It) 42490

anesth., rectal admin. of premedication (It) 51973

as a specialty (Sp) 44430

barbiturate anesth., rectal infusions (Fr) 24749

CNS depressants in pediatric surg. (Rus) 45627

colimycin in pediatric surg. (It) 52026

determ. of proper time (Ger) 22797

hypothermia, review 30417

methitural anesth. (It) 35006

perop. potassium metab. in newborn & in inf. (It) 41994

postop. urinary sodium after sodium chloride load 30428

pre-anesth. medication, comparison of oral & intramusc. routes 47334

premedication with chlorpromazine (It) 3645

progr. (Fr) 41123

review 18684

special problems & differences from adult surg. 52666

specialization (Sw) 52710

PEDICULI

feather lice, cultivation (Pol) 33819

Lepidophthirus macrorhini on elephant seal Mirounga leonina, ecol. 7190

list of bird & mammal hosts of lice (Fr) 1040

Mallophaga in storks (Pol) 33818

Mallophaga infestation of birds (Pol) 33817

spined rat louse Polyplax spinulosa, mechanism of transm. of Haemobartonella muris 51002

transm. of Brasilian spotted fever & Siberian tick fever by body louse (Ger) 34333

*effect of drugs on*

DDT, on strains isolated in typhus endemic areas in Yugosl. (Ser) 27860

DDT, resist. of Pediculus humanus humanus biochem. factors 24702

PEDODONTIA

autonomic responses of child to specific dent. stress 28095

dent. care of chronically ill child. 28096

in Switz. (Ger) 30962

management of fear in child patient 28099

premedication with chlorpromazine (It) 15899

problems in care of hypersensitive child. (Ger) 11046

school dent. statist., object & interpretation 44257

ethyl chloride as analgesic in pedodontia (It) 51964

in Kansas school program 50685

*anesthesia and analgesia*

general & local anesth. (Dan) 55105

PELLAGRA
contra-indic. for surg. in pellagra patients & compl. (Rus) 18213
etiol. & prev. (Fr) 31054
*complications*
hyperkeratosis palmaris et plantaris, ther. & relation to general cond. (Sp) 53906
*differential diagnosis*
pellagroid erythema in Moroccans (Fr) 18611
*epidemiology*
in Bulgaria (Bul) 16426
in Ireland 50660
in No. Koreans (Cz) 26531
*etiology and pathogenesis*
isoniazid (Dan) 10610
pellagrogenic substances & their mechanism of action (Por) 4363
*pathology*
parotid gland, symmetrical non-inflamm. hypertrophy 18130
pemphigoid, causing skin nerve changes, histopathol. (Ger) 36439
*therapy*
tobacco in popular med. in 19th century (Bul) 32747

PELVIC SUPPORTING STRUCTURES
*anatomy and histology*
nerves & arteries of musc. of pelvic girdle (Rus) 13574
*diseases*
causing backache in women (Ger) 19025
internal hypotonia caused by relaxation of pelvic fascial tone & subsequent altered hemodynamics 7613
*neoplasms*
fibroma of prevesical pelvic connective tissue (It) 29630
leiomyosarcoma, recur., of left broad ligament (Fr) 26231
mesothelioma of round ligament (Rus) 12135

PELVIMETRY
mathemtical formulae for cephalo-pelvic disproportion (Pol) 27597
methods & value (Sp) 8937
mid-pelvis in pelvimetry 48498
radiocephalopelvimetry, technic & clin. value (Sp) 3840
radiopelvimetry as routine procedure, methods & value (Sp) 8938
radiopelvimetry, hazards 35742
radiopelvimetry in dystocia 38570
radiopelvimetry in dystocia, results (Sp) 8939
radiopelvimetry of Uganda women 5570
radiopelvimetry, simplified technic 20953
radiopelvimetry, single erect lateral x-ray film in pregn., value & limitations 28978
relation to external body characteristics (Ger) 15982
technics (Sp) 3839
value in pregn. in woman with shortened diagonal conjugate 48399

PELVIS
*abnormalities*
achondroplasia, x-ray diag. 821
causing dystocia, hazards of x-ray diag. (Ger) 18927
contracted pelvis & disproportion causing labor compl. 18781
narrow pelvis, eff. on labor course (Rus) 12155
narrow pelvis, eff. on moulding of fetal head (Ger) 15984
paralytic twisting, etiol. & ther. (Rus) 43376
shortened diagonal conjugate, management of labor 48399
split pelvis with bladder exstrophy, pregn. progn. 50979
ureteropelvic obstruct. causing predominantly unilateral hydronephrosis, separate kidney funct. tests 12003
*abscess*
diag. & ther. 41447
in females, statist. 45068
surg., drainage through ischiorectal fossa (Rus) 55156
*anatomy and histology*
types & measurement of pelvic bones in Mexican women (Sp) 3837
*blood supply*
angiography, percutaneous bilateral, technic & diag. value in pregn. compl. 12667
arteriography, percutaneous retrograde, clin. value & interpretation 12668
intravenous leiomyomatosis 47590
mass aortography & arteriography (Dut) 52481
thrombosis, causing mesorrhagia & metrorrhagia (Fr) 25092
thrombosis, diag., cavography (Ger) 25189
*diseases*
abdominopelvic echinococcosis, case reports (Fr) 26217
causing backache in women (Ger) 19025
diag., culdoscopy, technic & contraindic. 38567
diag. value of posterior colpotomy 10462
dissociation of pelvic girdle, eff. on vertebral column (Ger) 25354
echinococcosis of pelvic bones, x-ray diag. (Rus) 45764
eosinophilic granuloma (Nor) 45412
gyn. infect., ther., antibiotic & procaine infiltration (Sp) 21785
hemophilic pseudotumor, case report 37631
inflamm., chronic, in women, ther., irradiation using radar 50212
inflamm., chronic, management in GP 51595
inflamm. of true pelvis, blood carbohydrate determ. by phenylaniline test, comparison with values found in pregn. & female genital tuberc. (Hun) 10569
infect., abscess, frozen pelvis & inflamm., ther., prednisone & tetracycline 30336
ligneous cellulitis, ther., corticone 36375
neuralgia with dyspareunia, case report (Fr) 26269
osteolysis with femoral involvement in child, case report 4797
pelvic bone changes in mongolism, x-ray diag. 822
pelviperitonitis, ther., cortisone 26276
phys. ther. in inflammatory disord. of pelvis 7945
*dislocation*
pelvic girdle in labor & pregn., x-ray differ. diag. from osteitis condensans ilei (Ger) 39406
*fractures*
avulsion fract. in athletes (Ger) 11144
caused by nonpenetrating wds. of abdom. & thorax with subsequent dehiscence of diaphragm, surg. 5881
causing urethral inj. 45055
compl. & ther. (Ger) 48353
exercise ther. (Rus) 43420
Malgaigne's fract. 22041
types of fract. assoc. with urethral rupt. & their relative frequency 30922
*hemorrhage*
hematomas in pregn., classif. & ther. 7621
*innervation*
pudendal nerve, develop. & synapses in cats (Rus) 47887
*neoplasms*
advanced, total care program 35767
diag. & ther. 51525
hemipelvectomy in bone tumors 22039
in women, delay in diag. & treatment by physician & patient, statist. 45077
pelvic lymph nodes, metastatic from prostatic cancer 33093
recur. calcified leiomyoma of pelvic & gluteal regions in pregn. Negro 16986
ther. compl. 38608
ther., radiocobalt & radiogold 30935
ther., radio-isotopes 38602
tumor caused by presacral meningocele, case report (Fr) 27726
*radiography*
in gyn. dis., technics & clin. value of pneumopelviography (It) 54251
Looser zone in primary refractory anemia (Cz) 48659
*surgery*
abdominopelvic, compl., postop. femoral neuropathy 18658
compl., ureter inj. in surg. of true pelvis (Rus) 52902
exenteration in cancer of cervix (Por) 23732
exenteration in cancer of cervix, review 35708
with subsequent vaginal hysterectomy 20090
*wounds and injuries*
post-traum. loosening of pelvic girdle (Ger) 34264

PEMPHIGUS
benign mucosal pemphigoid 14088
conjunctiva, in Stevens-Johnson synd. (Ser) 51692
cytol. differ. diag. of pemphigus vulgaris & other bullous dermatitis & evaluation of ACTH-cortisone ther. by Tzanck test (Hun) 37240
8-year follow-up (Sp) 43872
of mucous membranes of mouth & throat 28473
vulgaris, review (Bul) 16415
*case reports*
acutus, Shwartzman phenomenon type (Ser) 51709
anal canal 39140
conjunctiva, cicatricial 35781
*differential diagnosis*
clin. & histopathol. differentiation of pemphigus & pemphigoid cond. (Hun) 37234
cytol. differ. diag. from other bullous skin dis. (Ger) 46134
dermatitis herpetiformis, cytol. & histol. differentiation (Pol) 44181
difficulties (Pol) 31509
from other bullous dis. of skin (Fr) 38852
pemphigus vulgaris & pemphigoid, differentiation from dermatitis herpetiformis (Sp) 341
*etiology and pathogenesis*
(Ger) 3993
causative agent of pemphigus, exper. on chick embryo (Rus) 22496
demonstrations using rabbit eyes & chick embryos 49373
diabetes mellitus, case report (Fr) 37863
*immunology*
specific hemagglutinins in serum & CSF 23704
*manifestations*
atypical manifest. in familial benign chronic pemphigus 11557
eye (Ger) 11112
oral & cutaneous manifest. of conjunctival pemphigus 23872
*therapy*
ACTH & cortisone (Rus) 37239
adrenal cortex hormones (Rus) 45115
isoniazid in pemphigus vulgaris, case reports (Fr) 37879
prednisone causing osteoporosis & osteomalacia (It) 3905

PEMPHIGUS ERYTHEMATOSUS
atypical erythrodermic manifest., case report (Fr) 37888
*blood in*
circulating anticoagulants, case report 23710

PENDIOMIDE
*effects*
on conditioned motor defense reflexes (Rus) 3554
on kidney funct. (Rus) 3568
on neurosecretory funct. of hypothalamus - posterior pituitary system in rats 24027
on radiosodium absorp. from musc. deposits in rabbits (Rus) 3567
on retinal arterial & systemic arterial pressures in hypertensives (Fr) 14504
*related compounds*
methyl-bis-(β-N-methyl-piperidinium-ethyl)amine dibromide, control of hypotension in laryngol. surg. (Pol) 30775
*therapeutic use*
hypertension, with 2,6-dimethylpiperidine (Rus) 9893
pregn. maintenance in threatened abortion & premature delivery (Pol) 43653
radiculitis (Fr) 45029

PENICILLIN
analysis & pharmacol. (Ger) 11219
benzathine penicillin G tablets (Rus) 37246
43432
2,5-diphenylpiperazine penicillin, synthesis & properties (Fr) 1059
diphenylpiperazine salt of dipenicillin G, properties (Fr) 20679
3,5-diphenylpiperazinyl-penicillin prep. with retarded action, prep. of 2,5-diphenylpiperazine by alkaline cyclization of phenylacytamines (Fr) 36182
eff. of pH on stability in aqueous solutions (Rus) 36411
penicillin deriv. of p-aminobenzyl-penicillin 52411
phenoxymethyl penicillin, pharmacol. (Rus) 36358
phenyl methyl penicillin, prod. & chem. of amino deriv. (Rus) 36393
sodium salts of benzylpenicillin, stability of antibact. properties of commercial prep. (Rus) 36371
stability of prep. in various prescription formulae (Ger) 30638
*administration*
absorp. of procaine penicillin G suspensions after intramusc. admin., eff. of vehicle & particle size 4565
benzathine phenoxymethyl penicillin oral admin. in aqueous suspension, results of trial (Sw) 22120
oral 16811
oral admin. of long-acting penicillin G, blood levels 14713
oral admin. of phenoxymethyl penicillin & ammonium penicillin G & intramusc. admin. of penicillin G, comparison of blood levels 2555
oral prep., in G. P., selection, dos. & effectiveness 2279
penetration of penicillin G diethylaminoethyl ester hydriodide into tissues of eye after parenteral admin., comparison with procaine penicillin 23428
penicillin G with 1-p-chlorobenzyl-2-pyrrolidylmethyl-benzimidazole, blood clearance (Ger) 39808

phenoxymethyl penicillin, antibact. activity of blood after oral admin. of acid & potassium salt, comparison with erythromycin & triacetyl oleandomycin 7863

phenoxymethyl penicillin, oral admin., absorp. determ. (Fin) 27275

phenoxymethyl penicillin, oral admin. in child., determ. of absorp. rate 6451

potassium penicillin G sustained-release prep. for oral admin. (Fr) 22464

procaine penicillin G, rheol. of depot prep. 4566

sodium gallate stabilized prep. (Uk) 29552

with colimycin, eff. on penicillin resist. Micrococcus pyogenes (It) 52045

with magnesium sulfate, comparison with penicillin alone (Rus) 36413

***determination***

benzathine, potassium & procaine penicillins in pharmaceutical prep. by spectrophotometry 41392

in polio. vaccine, relation to allergic reactions caused by vacc. 52638

in sweat, failure (Fr) 36518

precipitation by plant bases & synthetic alkaline substances (Ger) 7955

radiosulfur labeling & methods for assay in biol. material 46715

***effects***

benzathine penicillin G, eff. on exper. Micrococcus infect. (Rus) 11476

binding by Micrococcus pyogenes, comparison with synnematin binding 16877

dietary supplements on normal & on germ-free turkey poults 31316

eff. of chlorpromazine on sensitivity in white mice (Rus) 49426

eff. of continuous admin. of diets containing tetracyclines & penicillin on number of drug-resistant & drug sensitive Clostridium perfringes in feces of pigs & chickens 51030

induction of L-phase in Proteus vulgaris, electron microscopy of flagellae (Ger) 46252

induction of spheroplasts in E. coli, physiol. & biochem. 40448

on brain ammonia (Rus) 37184

on Corynebacterium diphtheriae variability (Pol) 29500

on dent. pulp histol. in pulpitis ther. (Pol) 20193

on emergence of higher serotype Klebsiellae in sputum during penicillin ther. 1144

on enterococci, micrococci & streptoc. infecting bovine udders, tolerance 16777

on exper. brucellosis melitensis in rabbits (Ger) 13069

on exper. influenza, pulm. changes in mice (Pol) 29518

on exper. monilíasis in mice 52282

on exper. pneumococcal infect., comparison with sleep ther. (Rus) 52966

on exper. tumors (Rus) 36381

on gastrointestinal microbiol. & fatal dose in guinea pigs (Rus) 11478

on growth & liver thiamine of growing germfree & normal rats on thiamine-deficient diet 50963

on growth of vitamin B1-defic. rats on various diets 41333

on Hemophilus influenzae in vitro, with streptomycin & chloramphenicol (Fr) 13047

on higher nerv. activity disord. caused by micrococcal toxin (Rus) 36406

on leukocyte count, prolonged admin. in animals (Rus) 48039

on meningopneumonitis virus, electron microscopy 50329

on metab. (Rus) 36396

on Micrococcus pyogenes, adaptation (Bul) 28715

on Micrococcus pyogenes aureus, resist., relation to phosphatase activity (Ger) 34461

on Micrococcus pyogenes, dissasoc. in large & small colonies in varying degrees of resist. (Ger) 23148

on Micrococcus pyogenes, sensitivity determ., problems 32366

on Micrococcus pyogenes, virulence after storage in presence of penicillin for varying periods (Fr) 21308

on nasal & pharyngeal microorganisms of hosp. personnel & patients (Rus) 36379

on Neisseria gonorrhoeae strains isolated in 1944 & 1957 48250

on nonhemolytic streptoc. isolated from throat during penicillin ther., persistence of sensitivity 54594

on nucleic acid synthesis in Alcaligenes faecalis 40456

on oxidation-reduction enzymes in exper. micrococcal infect. (Rus) 55396

on Proteus, penicillin diffusion in L variant prod. 4729

on Proteus vulgaris, prod. of extracellular penicillin inhibitor 50347

on protoplast form. of E. coli, comparison with glycine & other amino acid- & lysozyme-induced protoplast, review (Fr) 32290

on Salmonella typhosa, prod. of L-form (Rus) 36360

on Treponema pallidum (Rus) 11479

pyrogenic properties, determ. (Rus) 36370

sensitivity of Neisseria gonorrhoeae (Ger) 16094

***injurious effects***

abscesses caused by penicillin inject., correlation with allergy to penicillin (Hun) 37237

allergic cerebral, cardiac & pulm. reactions due to combined action of serother. & penicillin (Fr) 9628

allergic reaction, severe (It) 42637

allergic reaction to penicillin in Brit. polio. vaccine in child., case report 2252

allergic reactions (Bul) 32739

allergic reactions, incidence in young adults & review 54595

allergic reactions, statist. (Hun) 52893

allergy (Sw) 32850

anaphylactic shock, immediate, from oral penicillin 42128

anaphylactic shock, ther., artif. resp. 20477

anaphylactoid reaction to oral admin. 1172

benzathine penicillin G causing allergic reactions in rheum. fever prev. in adults 7439

empyema of petrous pyramid appearing 3 months after penicillin ther. of otitis media (Ger) 19318

hypersensitivity (Rus) 41699

hypersensitivity, intradermal test result statist. (Bul) 32777

masking of chancre in syphilis (Fr) 43984

oil granuloma of buttock after inject. 37558

pathol. physico-chem. changes in blood of surg. patients (Rus) 5957

procaine penicillin G-aluminium monostearate prep. causing allergic reactions, case report (Indonesian) 41977

purpura with peripheral gangrene, case report 2856

review 26385

sensitivity determ. by skin tests in dent. patient 43366

sensitivity, types of reactions 2338

ther., penicillinase 19926

thrombopenic purpura (Ger) 22992

urticaria after ingestion of dairy products, penicillinase ther. 34845

***metabolism***

benzyl penicillin, eff. of precursors on synthesis by various strains (Rus) 36389

conjunctival sac (Cz) 38306

penicillin G biosynthesis by mycelial suspensions of Penicillium chrysogenum, eff. of inositol 49357

phenoxymethyl penicillin, biosynthesis (Rus) 36368

***preparation of***

penicillin G, eff. of glycerin on prod. by washed cells of Penicillium chrysogenum 15668

phenoxymethyl penicillin, review (Pol) 30890

***related compounds***

6-aminopenicillanic acid isolation from Penicillium chrysogenum & possible role as penicillin precursor 52446

salt complexes with sulfamerazine & sulfamethoxypyridazine, prep. & properties (It) 48102

***therapeutic use***

acute suppurative otitis media in child., comparison with chlortetracycline & oxytetracycline 35332

aortic aneurysm, syphilitic, progn. 48189

benzathine penicillin G, in recur. stye (It) 13939

benzathine penicillin G in streptococcal infect. in prev. of rheum. fever 54281

benzathine penicillin G with potassium penicillin G in various bact. infect. (Por) 47300

benzathine penicillin G with procaine penicillin G & sulfamerazin-sulfamethazin in postop. tube feeding after laryngectomy (Ger) 46156

benzathine penicillin in syphilis, statist. 10251

burns, local admin. with sensitivity reactions 6131

chancre, recur. after ther. because of drug-resist. & inadequate admin. (Sp) 336

1-p-chlorobenzyl-3-pyrrolidyl-methyl-benzimidazole penicillin salt in allergic reactions (Sw) 45322

1-p-chlorobenzyl-2-pyrrolidyl-methyl-benzimidazole penicillin salt, ther. trial 22121

comparison with potassium salt of penicillin G & calcium salt of phenoxymethyl penicillin (Sw) 10183

conjunctivitis & keratitis (Dan) 33394

gonorrhea, bacteriostatic phenomena (Pol) 31507

gonorrhea, clin. problems caused by loss of sensitivity 26386

gonorrhea in male, failure 14185

gonorrhea, long-acting tablet in acute urethritis 48530

gonorrhea, with streptomycin & sulfathiazole (Rus) 22508

gyn. dis., with colimycin (It) 52027

β-hemolytic strep. infect. among healthy siblings in rheum. families, review 35710

β-hemolytic streptoc. infect. in rheum. fever, comparison of dos., review 35711

hydroxyprocaine penicillin in leprosy (Ger) 55479

in appendectomy, intraperitoneal instillation, with streptomycin (Ger) 8714

in obst. & gyn., with colimycin, local admin. (It) 52029

in oral surg., study of body distribution by radiosulfur labeling 46715

lumbosacral radiculitis, epidural admin. with procaine & vitamin B1 (Rus) 46318

lymphadenosis cutis benigna of ear lobe & erythema chronicum migrans (Ger) 3881

meningitis, blood-CSF titer (Ger) 52180

neurosyphilis 10279

neurosyphilis (Fr) 29198

neurosyphilis, hazards of masking diag. of worsened cond. (Dut) 7340

open fract. of arm & leg, intraosseous admin. (Rus) 45866

ophthalmia neonatorum 26579

osteomyelitis, local admin. (Rus) 9902

otitis, acute, statist. (Cz) 14841

paresis, with malaria & Caucasian recur. fever ther. (Rus) 34618

penicillin G & phenoxymethyl penicillin ther. of gonorrhea, comparisons (Ger) 27114

penicillin G diethylaminoethyl ester in scleroderma, specific activity (It) 20970

penicillin G in syphilis, eff. of simultaneous admin. of bismuth or mercury on penicillin activity (It) 3981

penicillin G with procaine penicillin G & sulfonamides, ther. of infect. in child. (Ger) 6019

phenoxymethyl penicillin calcium in dent., oral admin. 38103

phenoxymethyl penicillin in acute resp. dis. in child. 13558

phenoxymethyl penicillin in acute upper resp. infect. in child., clin. & bacteriol. responses to short-term ther. 17916

phenoxymethyl penicillin in rheum. fever, prev. of recur., oral admin. 164

phenoxymethyl penicillin in syphilis, oral admin. (Sp) 21780

phenoxymethyl penicillin in tonsillitis 2159

phenoxymethyl penicillin, ther. use (Rus) 32869

pneumonia, lobar, post-ther. pathol. anat. (Rus) 33265

postop. compl., statist. 30129

prev. of puerperal infect., results 24801

procaine penicillin G - aluminum monostearate prep. in treponema infect., equip. & technic of intramusc. inject. in mass campaigns 26388

procaine penicillin high infiltrations in ther. of low back pain (Bul) 45311

oral phenoxymethyl penicillin in moderate & severe pneumococcal pneumonia 46426

resp. infect. in child., single massive dose with sulfonamides 7862

rheum. fever, prev. of relapses 9470

rheum. fever, with acetylsalicylic acid & adrenal cortex hormones 29260

rheum. fever, with acetylsalicylic acid & adrenal cortex hormones (It) 8356

rheum. fever, with acetylsalicylic acid, value in prev. of rheum. heart dis. 33068

rheum. heart dis., lack of ther. eff. on acute sympt. & demonstration of prev. of later develop. of valvular heart dis. 52614

scarlet fever & its compl. (Fr) 31046

scarlet fever prev. in Italian nurseries (It) 53775

sepsis of hand, postop. admin. 37698

sinusitis in child., admin., inverted Valsalva displacement method (Sp) 49140

subacute bact. endocarditis, with adrenal cortex hormones, followed by commissurotomy for mitral stenosis, case report (Fr) 29134

surg. infect., with colimycin (It) 6814

surg. wds., early removal of sutures (Rus) 5953

syphilis (Ger) 51798

syphilis, eff. on Treponema & blood & urine content (Rus) 11480



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

syphilis in pregn. (Ger) 39014

syphilis, prev. ther. (Fr) 39493

syphilis, review (Rus) 9847

syphilis, serol., test for ther. control (Por) 16152

syphilis, short-term ther. (Ger) 3255

syphilis, with bismuth, eff. on kidney funct. (It) 27642

trachoma with inclusion bodies in inf. & child 2090

tuberc., hemoptysis (Sp) 43862

urinary disord., with colimycin (It) 52038

urinary infect. after gyn. & obst. surg., with colimycin (It) 52030

urinary infect., with colimycin (It) 29748

***toxicity***

fur guinea pigs, mechanism 24838

**PENICILLINASE**

eff. of urea on activity 47976

precursors 37073

***injurious effects***

anaphylactic shock, case report 50196

case reports 50197

***therapeutic use***

penicillin sensitivity reactions 19926

penicillin urticaria from dairy products 34845

**PENICILLIUM**

chrysogenum mutant requiring biotin for growth, use in microbiol. determ. of biotin (It) 53811

chrysogenum mutant with specific requirement for thiamine, use in microbiol. assay of vitamin B1 (It) 53809

roqueforti, gain & loss of resist. to high concentrations of phenylmercuric acetate, proflavine, brilliant green & sodium azide 53497

in soil, antag. to pathogenic bact. (Rus) 51936

multicolor, isolation of sclerotiorin & study of its chem. degradation 1640

tuzin-inactivating substance from Penicillium cyaneo-fulvum 37977

***culture***

growth inhib. in aged, surface ripened cheese 47638

***metabolism***

amino acid biosynthesis by Penicillium digitatum 37979

chrysogenum mutants, utilization of sulfate 16879

citrinin biosynthesis in Penicillium citrinum 38371

coumarin & related cpds. in Penicillium cultures 19530

digitatum utilization of acetate, pyruvate & carbon dioxide 2561

ketose form. from fatty acids by spores of Penicillium roqueforti 19697

penicillin G biosynthesis by mycelial suspensions of Penicillium chrysogenum, eff. of inositol 49357

phospholipase B hydrolyzing lecithin in Penicillium notatum 37056

proteases in Penicillium chrysogenum (Rus) 36355

stipitatic acid synthesis in Penicillium stipitatum 13784

D-xylose conversion to xylitol by Penicillium chrysogenum 13780

**PENIS**

***see also*** **EPISPADIAS**

***see also*** **HYPOSPADIAS**

***see also*** **PHIMOSIS**

***see also*** **PRIAPISM**

frenum preputii, relation to defloration of male, psychol. implications, psychoanalytic interpretation 15811

penile intravenous inject. in rats (Ger) 30570

***abnormalities***

agenesis (Ger) 11432

***blood supply***

plethysmography in diag. of sexual deviations 31786

***diseases***

chronic benign circumscribed plasma cell balanoposthitis 48248

elephantiasis, peno-scrotal, surg., phallus-oscheoplasty 33439

Peyronie's dis., etiol., pathol. & ther. (Sp) 13535

***neoplasms***

condyloma acuminatus cornoides (It) 29593

incidence, diag. & results of ther. (It) 47812

lymphangioma of penis & left groin in child, case report 7840

metastatic from intestines 3384

radiother. (Por) 8752

relation to circumcision of newborn (Ger) 49752

type & ther. 18348

***surgery***

***see also*** **CIRCUMCISION**

plastic surg. for reconstruction of lost penis (Rus) 18234

postop. suspension, method (Ger) 55603

***wounds and injuries***

avulsion of skin, case report 53120

avulsion of skin, surg. (Ger) 38427

avulsion of skin, surg. (Rus) 10723

**PENSIONS**

***see also*** **RETIREMENT**

admin. of pensions in Sweden (Sw) 10177

diag. & progn. evaluation of isolated albuminuria for pension eligibility before legal retirement age (Fr) 35397

for tuberc. patients in Uruguay (Sp) 44575

for veterans with delayed tuberc. contracted during serv., in Italy (It) 19238

in Germany, expert testimony of physicians in withdrawals (Ger) 15340

in heart dis. in military personnel, clin. medicolegal evaluation in Italy (It) 39695

med. assistance of pensioned subjects in Italy (It) 6926

**PENTAMIDINE**

***anesthesia and analgesia***

eff. on response of blood pressure to stimulation of central end of pneumogastric, in dogs, comparison with various anesth. (Fr) 38726

***effects***

irreversible inhib. of monoamine oxidase, comparison with inhib. by choline-p-tolyl ether bromide & iproniazid 13393

on ACTH in blood 39200

***related compounds***

α,ω-bis(p-amidophenoxy)-alkanes & related monoamines, eff. on exper. schistosomiasis in mice & tox. in cats 14121

**PENTOBARBITAL**

***administration***

intraperitoneal admin. in olive-oil emulsion, eff. on activity in rabbits (Fr) 54909

***anesthesia and analgesia***

prolongation by intravenous pretreatment with Salmonella abortus equi endotoxins in mice (Ger) 30608

with tubocurarine in corneal transpl. in rabbit, technic 12452

***effects***

cortical & subcortical eff. on EEG 11661

fate of offspring guinea pig after maternal admin. before cesarean delivery 19793

inhib. of reduced diphosphopyridine nucleotide oxidase of mammalian & mosquito sarcosomes 13807

maternal pentobarbital on newborn guinea pig, relation to etiol. of cerebral palsy 30641

on p-aminohippuric acid uptake by rat kidney cortex slices in vitro 12543

on arterial pressure response to tetraethylammonium chloride in dogs 756

on behavioral task performed under stress 50514

on cortical & subcortical response to auditory stimulation in cat 51073

on α-keto acid level in rabbit blood 5492

on liver blood flow in dogs 12567

on liver funct. in dog (Fr) 26707

on cancer pois. in rats (Fr, Dut) 46564

on resp. in guinea pigs 24765

***metabolism***

eff. of diethyl ether on tissue distribution & metab. of pentobarbital in rats 24758

***therapeutic use***

premedication, comparison with other drugs 52656

premedication in regional anesth., comparison with meprobamate & placebo 47327

strychnine pois. (Bul) 32755

***PENTOLINIUM TARTRATE*** ***see*** **MUSCLE RELAXANTS**

**PENTOSEPHOSPHATES**

2,3-cyclic phosphates of D-ribofuranoside as substrates of ribonuclease, properties 14930

D-erythrose-4-phosphate, prep. & assay 48461

***effects***

on ACTH release during severe stress in rats 35082

***in blood***

pathway in erythrocytes of inf., relation between age & enzyme activity 7867

pentosephosphate cycle in erythrocytes (Ger) 25899

ribose-5-phosphate, during pregn. & puerperium (It) 9406

ribose-5-phosphate metabolites in erythrocytes, identification of sedoheptulose-7-phosphate (It) 25641

***metabolism***

deoxyribose-5-phosphate in normal liver & malignant hepatoma of rats 4739

ribose-5-phosphate in human placenta (It) 36774

ribose-5-phosphate in kidneys & liver, behavior in early reaction phase in x-irradiated guinea pigs (It) 42593

ribose-5-phosphate in organ hemolysates (Ger) 25899

25900

**PENTOSES**

***see also*** **ARABINOSE**

***see also*** **RIBOSE**

***see also*** **XYLOSE**

splitting by blood of cancer patients (Rus) 55328

***determination***

pentasaccharides in roots of Lychnis dioica, structure analysis (Fr) 38708

***in blood***

during pregn. & puerperium (It) 9406

eff. of orotic acid on various pentose fractions in normal subjects (It) 42629

***in urine***

eff. of tetrahydronaphthylamine on excretion in rats (It) 37402

pentosurias as inborn error of metab., review 35690

***metabolism***

placenta (It) 36774

yeasts (Rus) 19129

***preparation of***

1,5-di-O-trityl-3,4-O-isopropylidene-D-ribulose 47702

***PENTOTHAL*** ***see*** **THIOPENTAL**

**PENTYLENETETRAZOLE**

pentylenetetrazol infusion method for detection of tolerance & withdrawal hyperexcitability induced in mice by chronic admin. of meprobamate & phenaglycodol, technic & clin. application 40367

***effects***

comparison with 4,4-ethylmethylglutarimide as a convulsant in man & cat 27330

convulsions, eff. on conditioned reflex reactions (Ca) 38197

EEG activation 52590

EEG activation (Fr) 44200

EEG activation in epilepsy & ment. disord., alone & with photic activation (It) 9394

EEG & electrocorticography activation, mephenesin premedication (Fr) 54101

induction of epilepsy, response to phenothiazines, steroids & tranquilizing agents in rabbit, EEG (Fr) 54912

induction of shock, postadmin. epileptogenic eff. of chlorpromazine in rabbits (Bul) 32736

on blood osmotic pressure & blood potassium & sodium levels in rabbits (Fr) 32925

on blood protein & cholesterol levels in rabbits (Fr) 32926

on cardiovasc. system, comparison with nicotinic acid diethylamine & camphor (Rus) 3569

on cerebral cortex, mechanism of convulsant activity (Fr) 5763

on EEG in former eclampsia patients (Ger) 9517

reversal of diethyl-p-nitrophenyl phosphate- & parathion-induced resp. paralysis in exper. animals (Ger) 39898

***therapeutic use***

cerebral arteriosclerosis in aged 40254

ment. disord. 50860

ment. disord. in aged, combined with nicotinamide 40936

ment. disord., with trichloroethylene (Fr) 11985

meprobamate pois. in attempted suicide (Fr) 10893

shock ther., modified, technic & indic. 47179

shock ther. of ment. disord. (Por) 8751

subconvulsive ther. with alternate narcosis & CNS stimulation, technic & results 39156

***toxicity***

eff. of iodized casein on course & outcome in mice (Rus) 37208

***PEPPER*** ***see*** **CAPSICUM**

**PEPPERMINT**

growth & culture of peppermint plants in Yugoslavia, method for increasing yield (Fr) 1060

leaves, ethereal oil content after storage, eff. of various packing materials (Ger) 30624

***PEPSINOGEN*** ***see*** **ENZYME PRECURSORS**

**PEPSINS**

***see also*** **UROPEPSIN**

amino acid composition of crystalline pepsin, chromatography 30589

assay of activity, comparison of methods 17319

esophageal resist. to pepsins, relation to postop. esophagitis in dog 23043

hemoglobin digestion, paper chromatography of low molecular prod. (Rus) 1730

in gastric juice, eff. of nicotinic acid in dog (Rus) 33676

metachromasia 27407

pepsin in isolation of M. tuberc. from pathol. materials using desogen (Fr) 36689

ultraviolet difference spectra of crystalline pepsin 50570

*antagonists*

anti-enzyme serum in ther. of peptic ulcer (Sp) 9727

*effects*

on antibody activity of anti-ovalbumin rabbit serum in vitro & in vivo (It) 13931

on crystalline diphtheria toxin-protein 14096

splitting electrophoretic pattern of serum albumin during short-term eff. of pepsin at room temperature 52424

*in blood*

excess, temporary, caused by superficial gastritis 19833

PEPTIC ULCER

27997

(Por) 13594

abomasal ulcers in cattle, etiol., surg. & case reports 4644

assoc. with pulm. emphysema, incidence & etiol. 11947

cardial 11877

clinico-statist. & surg. aspects, review (It) 30357

coexistence with biliary tract dis. (Pol) 53181

compl., med. ther. & surg. (Fr) 49743

etiol. & ther. (Sp) 9707

hist. note on gastroduodenal ulcer (Sp) 44398

in dogs, spontaneous develop. (Ger) 49135

incidence in African tribal groups 55062

jejunal, etiol. & ther. (Ger) 51825

location of duodenal ulcer 48703

location of gastric ulcer 49700

peptic esophagitis 50740

physiol. & psychosomatic aspects 21864

postop. after gastroenterostomy for duodenal or gastric ulcer, comparative incidence, pathol. & results of reoperation (It) 25567

postop. in thoracic surg. (Ger) 29076

29118

stoma ulcer after subtotal gastrectomy, radiother. 50175

Zollinger-Ellison synd. 36689

Zollinger-Ellison synd. (Fr) 31983

Zollinger-Ellison synd., diag. & case reports 43701

Zollinger-Ellison synd., gastric secretory & other laboratory studies 43151

*blood in*

blood group determ. (Ger) 55726

blood sugar disord. (Ger) 23171

coenzyme I, in duodenal ulcer, microbiol. determ. with Hemophilus influenzae 15034

hypoglycemia, etiol. (Fr) 36647

hypoproteinemia (Fr) 38815

pepsinogen 50176

proteins (Fr) 9641

proteins, determ. by electrophoresis (Bul) 32745

proteins, eff. of proteinother. (Fr) 9642

relation to ABO blood groups, epidemiol. study in Shanghai 2867

*case reports*

anastomotic ulcer after partial gastrectomy 6200

assoc. of esophageal, gastric & duodenal ulcers 49701

benign, with cancer of large intestine 14735

Curling ulcer following burn of abdom. wall (Rus) 5997

during phenylbutazone & prednisone ther. of rheum. arthritis, in patient with achlorhydria 36256

elliptoid ulcer in prepyloric area in congestive heart failure (Rus) 52027

esophagus, with esophago-bronchial fistula (It) 36822

giant duodenal ulcer 37611

in Congolese natives 10515

in herniated portion of stomach in diaphragmatic hernia 32533

jejunal with acromegaly, & hypersecretion of gastric juice, clin. pathol. conf. 36255

multiple, gastroduodenal, in subjects of mesenterium commune (It) 25699

postbulbar duodenal (Ger) 41713

pyloric channel ulcer 35897

recur. ulcer following gastrectomy in gastric tuberc. simulating duodenal ulcer (Rus) 45473

refractory gastric ulcer with hyperparathyroidism & metastatic thyroid adenoma 30224

with gastric-lined esophagus & scleroderma, x-ray diag. 28518

with liver cirrhosis & pancreatic pseudocyst, clin. pathol. conf. 19858

Zollinger-Ellison synd. 14642 35883 51338 51339

Zollinger-Ellison synd. with steatorrhea as predominant manifest. simulating malabsorp. synd. 583

*complications*

choledochoduodenal fistula (Sp) 25956

choledochoduodenal fistula caused by duodenal ulcer 37645

coronary arteriosclerosis & associated disord. 6502

coronary dis., diag. (Fr) 7050

duodenal stenosis in post-bulbar ulcer, correlation of x-ray & surg. findings 37610

follow-up statist. 6998

form. of tobacco pouch deform. of stomach, pathol. & pathogen. (It) 25552

gastric diverticulum in gastric ulcer, x-ray manifest. & case report (Sp) 43803

gastritis, statist. (Ger) 27538

gastritis, varioliform, with juxtapyloric ulcer (It) 7726

of pyloric antrum with fibrosis simulating carcinoma, diag. & case reports 37631

multiple simultaneous compl., statist. 47343

myocardial infarct (It) 46988

paraduodenal hernia (Ger) 11404

polycythemia hypertonica (Dut) 47915

postop. develop. of gastrojejunal ulcer into gastrojejunocolic fistula, statist. 12836

pulm. tuberc., develop. before & after gastrectomy 3277

pyloric obstruct. in duodenal ulcer, x-ray diag. & med. & surg. ther. 3655

splenoportal thrombosis, diag. & surg. (Fr) 400

Zollinger-Ellison synd. (It) 51994

*diagnosis*

laboratory tests, methods & value, review (Sp) 48743

x-ray 20505

x-ray (Cz) 14883

x-ray (Rus) 45139

*differential diagnosis*

cancer 47508

cancer of stomach, intravenous protein admin. as test (Ger) 23638

cancer of stomach, x-ray differ. diag. 30489

duodenal, from gallbladder dis. (Ger) 15299

duodenal tumors, x-ray (Ger) 46138

hemorrh. Brunner gland adenoma simulating duodenal ulcer, surg. & case report 25055

lymphatic cyst of mesenteries, case report 17452

*epidemiology*

in personnel of Royal Canadian Navy 38015

increasing incidence, etiol. & soc. aspects (Sp) 39133

*etiology and pathogenesis*

(It) 3640

acetylsalicylic acid (Fr) 53396

adrenal cortex hormone ther. of rheum. arthritis, x-ray manifest. 20948

adrenal cortex hormone ther., x-ray manifest. 24105

adrenal cortex hormones causing peptic ulcer & upper gastrointestinal system hemorrh. 26284

current concepts 32902

1-dehydro-16α-hydroxy-fludrocortisone ther. 1

drugs (Ger) 39080

eff. of simultaneous jaundice & infect. hepatitis on pathogen. of gastric & duodenal peptic ulcer (Pol) 20466

endocrine factors 51345

hypersecretion of gastric juice 40396

intrathoracic surg. (Ger) 39382

meteorol. factors (Rum) 6595

pancreas tumors 153

portacaval shunt 13310

postop. in gastrectomy (Fr) 38805

prednisone & prednisolone ther. of rheum. arthritis, relation between duration of ther. & frequency of ulcer 35474

prednisone inducing esophageal ulcer, case with assoc. hiatal hernia 24415

prednisone, long-term ther., clin. statist. 15939

prednisone of various dis. ther., in child., case reports (Fr) 54451

prednisone ther. (Fr) 9506

pulm. tuberc. (Sw) 43232

stress causing form. or exacerbation (Sp) 21153

*experimental*

eff. of cabbage juice in dog in Mann-Williamson ulcer 23046

eff. of 1-[2-(o-chloro)-diphenylmethoxyethyl]-4-o-tolylpiperazine in rats, pharmacol. (Fr) 47739

eff. of gastric mucus & sulfonated cpds. 31783

eff. of prednisolone on prod. of ulcer by tripelennamine & histamine (It) 44816

eff. of somatotropin with heparin on histamine- & antihistamine-induced ulcer in guinea pig (It) 51989

eff. of vitamin U on histol. picture in dogs (Rus) 41620

failure to demonstrate eff. of prednisolone on histamine-antihistamine-induced ulcer in guinea pig (It) 21505

histamine-induced in dogs, eff. of vasopressin 2549

histamine-induced, prev. eff. of mucosal excis. in cats 51562

histamine-induced, protective action of organo-silicon cpds. in guinea pigs (Fr) 26674

histamine-induced, protective eff. of stimulants of mucus secretion in guinea pigs 40070

in pantothenic acid defic. rats, review 43290

induced by psychol. stress in laboratory appar. in monkeys, review 32358

induction by cinchopen & histamine alone & combined in rabbits on liquid diet 24842

induction by cinchophen in dogs, demonstration of histamine liberation in ulcerous region (Rus) 39182

Mann-Williamson duodenal shunt technic in rat (Fr) 47744

prod. by histamine-liberator 48/80 in guinea pig & rat 37852

prod. by phenylbutazone admin. in rats, study of protection factors (Fr) 32927

role of soc. experiences in induction in hooded rats placed in conflict situation 4380

ulcerogenic properties of hydrocortisone & prednisolone in rats 31430

*hemorrhage*

individual management 47388

massive, ther. (Sp) 8913

surg. (Pol) 20420

20424

surg., hosp. statist. (Pol) 20421

surg. indic. & results (Pol) 20419

ther. (Pol) 20418

vagotomy with drainage, statist. 5247

with severe resp. insuff., emergency gastrectomy, case report 2183

*in aged*

clin. patterns 10074

hosp. statist. 35682

incidence & ther. (Fr) 18621

surg., statist. (Pol) 30738

*in infant and child*

23471

(Pol) 7777

48271

differ. diag. & case reports 22575

duodenal, diag. & ther. 46814

duodenal, in newborn, x-ray findings 816

hemorrhagic, clin. pathol. conf. 3038

incidence & develop. into chronic adult ulcers (Cz) 14872

incidence & pathol. (Ger) 34451

perf., case report 5714

ulcerative stenosis of duodenal bulb with duodenal diverticulum, case report (Pol) 30403

with pyloric stenosis in inf. (Ger) 30045

*in pregnancy*

compl., cancer of stomach, autopsy report (Rus) 41987

*manifestations*

gastrojejunal ulcer presenting as mass in abdom. wall 54656

postprandial pain sympt. (Dut) 52491

*metabolism*

adrenergic substances & hydrolyzed orthophosphate in vasc. wall of stomach (Rus) 33605

nicotinic acid, vitamin A & C (Rus) 41666

nitrogen balance, relation to protein intake (Ger) 15465

vitamin B1 metab. (Rus) 33358

vitamin B1 metab., eff. of various neurotropic drugs (Rus) 33359

*pathology*

malignant degen., diag. problems (Por) 8733

nerve endings of gastric wall (Rus) 47883

relation to diaphragmatic hernia 18398

stomach vasc. system (Pol) 20411

*perforation*

acute, surg., review (Fr) 18503

after roentgenoscopy (Rus) 41680

caused by electroshock ther., case report 18759

caused by prednisolone, case reports 47205

differ. diag. from rupt. of amebic abscess, case report 10978

duodenal, causing obstruct. jaundice (It) 52935

fatal, caused by prednisone ther. of acute dermatomyositis, case report (Fr) 37891

following viper bite, case report (Fr) 42421

gastric aspiration & ther. (Por) 23011

gastric round ulcer, into jejunal loop, case report (It) 9309

in monozygotic twins (It) 42655

incidence, etiol. & surg. (It) 51978

incidence, pathol. & surg. indic. 53381

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

instantaneous death caused by bronchial perf. of esophageal ulcer, anat. & pathol. aspects (It) 25558

intrathoracic perf. of gastric ulcer of greater curvature, with gastric occlusion & diaphragmatic hernia, case report 872

jejunal (Rus) 41545

long-term results of surg. (Bul) 5986

non-surg. ther. (Rus) 6011

postop. esophageal stricture caused by unrecognized diaphragmatic hernia after surg. with naso-gastric intubation, case reports 3243

recur., case report (It) 5609

recur. in chronic duodenal ulcer with persistence of free air in peritoneal cavity, x-ray diag., case report 28515

repeated perf. after gastrectomy & gastrointestinal anastomosis (Rus) 41691

simultaneous occurrence with silent myocardial infarct, ECG diag., case report 9622

surg. (Bul) 28749

surg. (Por) 21053

surg., hist. 51526

surg., indic. & results (It) 39667

surg. technics (Rus) 32550

ther., review & evaluation of methods (It) 25546

ther., Taylor's method (Pol) 30754

with cancer (Rus) 33584

***physiology***

basal gastric secretion, synergistic eff. of chlorpromazine & tricyclamol 49731

behavior of unconditioned vasomotor reflexes & reactivity of peripheral vessels to epinephrine & ethylmorphine (Pol) 30866

ECG picture, eff. of vitamin B12 & ganglion-blocking agents (Rus) 33361

eff. of bland fluids & parasympatholytics on pH of stomach contents in active duodenal ulcer 38828

gastric acid secretion, pre- & postop. dynamics (Fr) 1451

gastric acidity (Rus) 33892

gastric & salivary secretion in duodenal ulcer, inhib. by isopropamide iodide 3692

hemodynamics (Rus) 33893

organ selection & mediation of arachnoid in physiopathol. 39372

phagocytosis as index of reactive capacity (Rus) 33247

relation to endocrine dis., post-mortem analysis of assoc. cases 35870

relation to resp. insuff. 5357

secretor status 2239

vasc. factor in pathogen. of pain in peptic ulcer (Fr) 47745

vasc. factors (Rus) 33223

vorting capacity (Rus) 33894

***prevention and control***

prev. with vitamin U (Ger) 4038

***psychology***

peptic ulcer & pseudo-peptic ulcer, psychoanalytic interpretation 4275

personality characteristics, psychometry 44061

psychol. factors (Sp) 32450

psychopathic personality & duodenal ulcer as extenuating circumstances in judgement of criminal responsibility (It) 24947

***statistics***

14393

33044

(Sp) 32442

hosp. statist. analysis (Ser) 10911

in child. & adolescents (Rus) 20304

site & multiplicity (Sp) 18808

***surgery***

astro-pyloro-bulbotomy as surg. diag. (Sp) 32427

compl., postop. recur., prev. indic. & technics 21827

gastroenterostomy, juxtapyloric, indic. & technic (Fr) 1456

indic. & technics 51123

indic., review 37551

marginal ulcer, statist. 47274

maximal histamine gastric secretion test, value in postop. compl. 51131

methods 834

methods & mortal. 833

methods & results (Ser) 23681

of intractable duodenal ulcer 11623

postop. cancer of stomach, case reports (It) 47814

postop. follow-up after various types of surg. 4446

postop. motor activity of stomach (Rus) 5985

radical duodenal surg. with plombage of duodenal stump, technic & results (Ger) 45982

resection & vagotomy in jejunal ulcer, results (Ger) 45945

vagotomy, bilateral with hemigastrectomy terminated by gastroduodenal anastomosis, technic (Fr) 1461

vagotomy, of postop. (Dut) 19731

***therapy***

11622

(Sp) 8905

adiphenine, central action (Rus) 33177

adiphenine, comparison with other methods (Rus) 33176

adiphenine, eff. on gastric funct. (Rus) 33175

alkali & milk, causing Burnett synd. (Dan) 22394

aluminum-magnesium-silicic acid hydrate prep. 5371

antacid-belladonna-phenobarbital-vitamin P prep. neutrone (It) 21457

anti-enzyme serum (Sp) 9727

bis-[p-(N-isopropyl-N-methylamino)-phenyl]sulfate (Ger) 43384

conservative ther., immediate & remote results (Rus) 45166

dihydroxyaluminum glycinate-magnesium oxide-belladonna prep. 24438

dimethylaminoethyl 3-amino-4-chlorobenzoate, new prescription (It) 13917

dimethylcaramiphan (Ger) 32967

duodenal ulcer, hist. note 53520

electronarcosis (Rus) 33823

electrocoagulation of prefrontal lobe (Sp) 49157

gamma globulin, comparison of standard prep. with gamma globulin from serum of convalescent ulcer patients (Fr) 47748

healing, convalescence & rehabil. (Ger) 13381

hexamethonium & tetraethylammonium iodide (Rus) 33174

mod. & surg., statist. 55362

med. ther., eff. on gastric acidity (Por) 8758

med. ther., results 51135

meprobamate with tridihexethyl iodide 34416

naturopathy (Ger) 4049

oxyphencyclimine (Ger) 27532

parasympatholytics, mechanism of action & value, review 2605

placacid & palcacid distensivo (It) 43579

propionyl atrophine methyl nitrate in sympt. ther. 42091

proteinother., mechanism of action (Fr) 9643

psychother., in School of Digestive Pathol. of Sacred Heart Hosp. in Barcelona (Sp) 48746

review (Ger) 45386

salt solution (Sw) 19937

sippyplex 538

sleep ther., eff. on water-electrolyte metab. (Pol) 30805

vagal infiltration by esophagoscopy (Fr) 43409

various criteria (Sp) 33421

vitamin B1 & ganglion blocking agents, comparison alone & in combination (Rus) 33360

vitamin U (Ger) 52221

***urine in***

17-hydroxycorticosteroids & urepepsin during activity & inactivity 576

pepsinogen, diag. value of determ. (It) 20180

uropepsin excretion in relation to time of day 24824

***PEPTIDASES*** *see* **PROTEASES**

**PEPTIDES**

*see also* **ANGIOTONIN**

*see also* **CARNOSINE**

*see also* **GLUTATHIONE**

alanine peptides containing varying numbers of alanine residues, spectrum analysis 1356

amido-nitrogen content, microdeterm. (Ger) 49896

carbobenzoxylated dipeptides, rate of hydrolysis with ficin 24114

glycopeptides in pepsin hydrolysates of ovalbumin (Rus) 37147

histidylphenylalanylargiglutryptophanylglycine, new synthesis & melanocyte-stimulating eff. 52294

hypoglycin A & B, structure analysis (Ger) 49929

hypoglycin A & B, structure & properties (It) 48107

inactivations of oxytocin suggesting peptide denaturation 32341

isolation & characterization of peptides bound to adenylic acid from Streptococcus faecalis 37124

peptide hormones (Ger) 46212

γ-poly-D-glutamate, bact., optical rotatory properties 47971

polypeptides extracted from inflamm. granulomas, eff. on collagen-mucopolysaccharide combinations in vitro (Fr) 36080

reactions with methylhydrazine 13731

terminal amino acids in peptides of plant viruses, analysis 10865

***determination***

acetylseryltyrosine isolation from chymotryptic digests of tobacco mosaic virus proteins 37099

peptide-like cpd. from frog skin (Ger) 33935

tripeptides in enzymic digest of collagen, isolation & identification 40541

***effects***

glutamyl peptide on blood clotting mechanism, calcium-binding 46900

glutamyl peptide polymers, antigenicity for humans 31397

lysine peptide reversal of S-(β-aminoethyl)cysteine competitive inhib. of lysine utilization by Lactobacillus arabinosus & Leuconostoc mesenteroides 13397

polypeptides in maintenance of blood buffer capacity in rabbits 24825

sarcoma polypeptide on mast cell count in rats & eff. of mast cell depletion on sarcoma growth 2696

***in blood***

as products of blood coagulation 1376

***in cerebrospinal fluid***

polypeptide-like substance in CNS dis., determ. & properties 33062

***in urine***

determ. with biuret reagent 15038

isolation & analysis of peptides from human urine (Ger) 49916

polypeptide substance in human leukemic urine which promotes acid solubility of nucleic acids 2694

***metabolism***

deuterium exchange in polypeptides 19462

dipeptide absorp. in intestines, in vitro & in vivo studies 51103

D- & L-glutamyl polypeptides in Bacillus subtilis, eff. of manganese ion concentration of medium on synthesis in cultures 28250

glutamyl polypeptide synthesis by Bacillus subtilis, eff. of metal ions 28216

lipophilic peptides from mouse brain, isolation & analysis 1364

metal-peptide complexes in relation & relation to proteolytic activity 1663

patterns in eggs & embryos of various sea urchin species 39234

reaction of component peptides of Saccharomyces cerevisiae with sulfhydryl cpds. to produce hydrogen sulfide without enzyme activity (Fr) 28338

synthesis from amino acids in Pseudomonas hydrophila, determ. by radiocarbon incorporation 37980

tripeptide synthesis in bovine crystalline lens 1660

***preparation of***

ε-aspartyl-lysines 25859

synthesis of tetradecapeptide serving as substrate for renin 4987

N-trityl-peptides by Curtius' azide method 47719

**PEPTONES**

proprietary brands as enrichment medium for Salmonella typhosa (Ger) 23157

reactions with formaldehyde, properties of resulting cpds. 41304

***effects***

on bactericidal action of formaldehyde 41305

peptone shock, response to hypothermia in dog (Ger) 36590

**PERCEPTION**

*see also* **HEARING**

*see also* **SPACE PERCEPTION**

*see also* **TOUCH**

*see also* **VISION**

after-eff. of movement produced by rotating spiral, normal variation & influencing factors 52350

after-effects of waterfall & spiral illusions 795

amount of information gained during brief exposures of numerals 17368

application of psychoanalytic theory of consciousness to perception research 50280

Archimedes spiral test of brain damage 17130

17155

17156

body image & asymmetry of body reactivity 16492

body image as related to phantom sensation in amputees 47525

body image hypothesis, psychopharmacol. test using lysergic acid diethylamide & human figure drawings 28546

body image, physiol. theories (Rus) 33501

Chiappo's Noetical Perceptive Test of perception & intellectual efficiency of aged (It) 27620

CNS as symbol of perceptive experience (Ger) 25849

coding ability in color discrimination with language as coding system (Dut) 52341

comparative reaction of superior & feebleminded child. to an illusion 5120

complexity & orienting responses with longer exposures 5049

concept identification, eff. of completeness & probability of information feedback 28335

conditioning of attention as source of autistic eff. in perception 4377

cortical satiation in perception 46971

derivation of subjective scales from just noticeable differences 8420

eff. of aging 50591

eff. of aging on discrimination of lifted weights 50587

eff. of brain damage, Teuber's research (Fr) 25104

eff. of interruption of auditory signals on performances in aged, comparison with younger subjects 37570

eff. of maintenance on survival rations 770

eff. of personality on recognition response level 4369


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

eff. of subliminal visual stimulation on images & dreams 50281

identification of signal lights, eff. of elimination of purple category 50994

indicators of perception, methodol. on subliminal perception, subception & unconscious perception, review 31551

interference of eidetic images & objects causing déjà vu phenomenon in psychoses 15818

log relation of word-frequency to recognition in absence of stimulus words 40818

method of transposition or equal-appearing relations as a new psychophys. method 53645

mirror-image word identification, facilitation by mirror-image perceptual set 17265

Müller-Lyer illusion decrement, eff. of exposure time & intertrial interval 5035

multiple sensory deficits, assoc. with anxiety & other psychol. manifest., case report 47183

of apparent motion by schizophrenics 17157

of causality under specific instructions, age factor 33556

of movement by young chimpanzees & young child. 50509

of movement, figural after-eff., comparison of real with apparent movement 17335

of objects by means of reflected sound in porpoises 21692

of upright, relation to personality, review 54430

of vibrations, relation to hearing (Ger) 23026

perceptron, probabilistic model for inform. storage & organiz. in brain 31561

perceptual articulation & satiation, eff. of attention 776

perceptual closure, eff. of sequential probability 793

perceptual defense uncontaminated by response suppression, measurement 16504

perceptual funct. in Korsakoff's synd. 17784

perceptual isolation, method & group results 5456

perceptual learning, definition & analysis 20866

perceptual learning, differentiation & enrichment of past experience 40866

perceptual organiz., relation to intelligence, eff. of exposure time 785

perceptual processes in normal develop. brain inj. & ment. defic. 597

perceptual response selections of neurotics & controls, eff. of relative familiarity & soc. desirability of items 4384

perceptual satiation susceptibility, relation to tolerance of pain & of sensory deprivation 32351

perceptual stability of visual world during voluntary eye movements 19685

postulational psycho-physical parallelism, definition 48139

relation of sensory perception to psychol. trauma & character 50039

relation of transfer of train. to perceptual learning & recognition, review 31560

relation to mind & brain 15574

reliability of judgments of figural complexity 17263

rhythm discrimination in mongoloid & normal child. 46989

selective perception & autonomic response in hysterical amblyopia 94

sensory preconditioning, review 53644

sensory transm. mechnisms 2574

size estimation of schizophrenics & normal subjects, eff. of acquired & symbolic affective values 50095

soc., study with different racial groups in So. Africa 26077

structural & conceptual factors in perception of double-cube figures 781

teaching sequence for train. of motor perception in ment. defectives 596

theory, basic issues, review 31557

theory of strain toward symmetry 16502

unitary theory 20869

visual perception in stutterers 2843

## PERCUSSION

cranial, diag. value (Ger) 30846

## PERFUME

use among ancient Jews 39816

### *injurious effects*

contact dermatitis, review 1130

## PERFUSION

epicranial venous perfusions (Fr) 44989

new intestinal perfusion methods in management of acute renal failure & uremia 23390

of human eyes with latex microspheres 34912

of isolated heads & brains for brain physiol. research, technic & appar. (Fr) 41329

of isolated proximal half of small intestine in management of uremia, case reports 33115

of previable human fetus, appar. & technic 280

regional perfusion using an extracorporeal circuit in chemother. of cancer 13317

## PERIARTERITIS NODOSA

36296

(Cz) 9436

diag. & ther., statist. (Fin) 27285

general description & nosol. position (Fr) 32033

relation to rheum. arteritis (Rus) 41654

### *case reports*

(Den) 45502

(Det) 43042

mutilans (It) 39874

skin & internal organs (Fr) 36523

skin & musc. involvement, clin. histopathol. aspects 13633

Wegener's granulomatosis 12341

35893

41064

Wegener's granulomatosis (Fr) 36150

with hydronephrosis 8286

with polyneuritis (Sp) 31817

### *complications*

asthma (Rus) 21903

bronchogenic lung cancer (Rus) 45150

cerebral hemorrh., case report (Tur) 33001

eye dis. & neurol. disord., case report 11678

neurol. (Fr) 32036

polyneuritis (Ger) 371

retinitis pigmentosa (Fr) 7071

### *etiology and pathogenesis*

acute, presence of plasma cells in arterial lesions as evidence of allergic pathogen. 5623

### *in infant and child*

fatal cases (Bul) 32781

in 15-day old inf. (Ger) 27149

sudden death after renal angiography in 7-year old child., postmortem diag. (Fr) 45003

### *manifestations*

abdom., gastrointestinal & resp. (Fr) 32039

cardiovasc. (Fr) 32035

CNS 43170

cutaneous (Fr) 32037

necrosing vasculartis with pustulous skin eruptions & scleral atrophy, case report (Fr) 37854

renal forms (Fr) 32038

### *pathology*

gastrointestinal system, review 46917

lungs 8300

pathol. anat. (Fr) 32034

Wegener's granulomatosis of nose (Ger) 33534

### *therapy*

ACTH & cortisone (Ger) 46104

chloroquine (Pol) 8092

prednisone (Fr) 45391

## PERIARTHRITIS

shoulder, classif. (Por) 51642

wrist, pisiform region, manifest. & case reports (It) 25601

### *case reports*

shoulder (Pol) 38463

### *in aged*

scapulohumeral with giant subacromiodeltoid bursitis in octogenarian, ther., thromboplastin after failure of steroids (Fr) 44717

### *psychology*

shoulder, psychosomatic origin (Fr) 9510

### *therapy*

α-chymotrypsin in scapulohumeral periarthritis, local admin. (Sp) 8886

phys. ther. of scapulohumeral periarthritis (Fr) 14375

## PERICARDITIS

acute idiopathic (Den) 10598

acute idiopathic, review (Ger) 51834

classif. & diag. 5582

### *case reports*

acute (Pol) 8080

acute benign idiopathic pericarditis (It) 36767

acute benign idiopathic, with effusion 54522

acute hemorrhagic pericarditis with cardiac tamponade, recovery after pericardicentesis 54854

acute idiopathic pericarditis (Pol) 30747

acute non-specific 54435

acute, with friction rube 24347

caused by rheum. arthritis 48482

pleuro-pericarditis with Q fever (Fr) 37913

pneumococcal pericarditis with pneumonia 10694

with effusion, clin. & x-ray aspects 1151

with interlobar pleural effusion 56

### *complications*

cardiac tamponade with acute abdom., case report (Por) 39991

effusion, surg., diag. value of angiocardiography 23078

hyperthyroidism assoc. with presumptive acute pericarditis 2521

### *etiology and pathogenesis*

fibrous pericarditis after commissurotomy (Rus) 54548

Hodgkin's dis. & lymphatic leukemia, pericarditis as early sign of mediastinal localization (It) 42673

Hodgkin's dis., with ventric. tachycardia, case report (Fr) 7054

influenza virus, case reports (Fr) 37912

leukemia (Fr) 43751

postmyocardial infarct recur. pericarditis with pleurisy or pneumonitis 37831

postop., after intrathoracic surg., ECG (Sp) 44496

rheum. arthritis, case report (Fr) 9654

tularemia, review & case reports 27263

### *in infant and child*

caused by Coxsackie B5 virus, case reports 26417

### *manifestations*

shock & acute abdom. sympt. in acute idiopathic pericarditis 13162

### *metabolism*

increased lactic acid dehydrogenase (Det) 1617

### *surgery*

pericardiectomy in recur. idiopathic pericarditis with absence of cardiac constriction 10424

### *therapy*

suppurative (Rus) 54571

## PERICARDITIS, ADHESIVE

(Fr) 43743

constrictive 4688

diag. & ther. 8128

manifest. & ther. (Fr) 53564

mediastino-pericarditis, of left border of heart, pathol. & surg. anat. (It) 9377

### *blood in*

proteins in constrictive pericarditis (Rus) 45885

### *case reports*

calcification along coronary sulcus (Rus) 10827

### *complications*

liver cirrhosis, eff. of pericardiectomy (Fr) 7050

pulm. hypertension, case reports (Fr) 54042

### *etiology and pathogenesis*

adhesive mediastinopericarditis as initial clin. manifest. of subacute lymphatic leukemia (It) 42587

### *in infant and child*

exudative, case report 21517

### *pathology*

congestive phenomena in constrictive pericarditis, hemodynamic studies 2099

### *physiology*

tensiometric determ. of left ventricle by arterial catheterization (It) 29639

### *statistics*

clin. statist. 48141

### *surgery*

control with perop. cardiac catheterization (So) 8880

pericardectomy & cardiolysis, surg. approach (Rus) 41523

## PERICARDIUM

cysts & diverticula, case reports 23473

self-cleansing drainage after thoracotomy 11676

### *abnormalities*

in aberrant pulm. lobe with cystic form., case report (Sp) 27229

43887

### *cysts*

coelomic, x-ray diag. 20947

coelomic, x-ray diag. & case report (Pol) 30707

pericardiocoelomic cyst, case report (Sp) 44408

surg. (Rus) 18204

surg., results (Ger) 11199

### *diseases*

amebiasis, review 10127

chylopericardium in cervicomediastinal lymphangioma in inf. 23481

echinococcosis (Rus) 10831

effusion, cardiac auscultatory findings 14906

effusion, hemorrhagic with bact. endocarditis, case report 10047

effusion, with myxedema 50690

herniation of diaphragm into pericardium, case report 3171

### *diverticula*

congen. 47597

### *effect of radiations on*

eff. of thoracic aspiration on arterial pressure in dogs without pericardium (Fr) 48885

### *fistula*

esophagopericardial fistula caused by for. body in inf. manifesting itself as hydropneumopericardium, case report 5873

### *hemorrhage*

hemopericardium caused by aorta & heart rupt. 30173

hemopericardium with dissecting hematoma of aorta (Fr) 29139

### *neoplasms*

ECG & histopathol. diag. 36110

fibrosarcoma, case report (Fr) 26493

mesothelioma in inf. (Rus) 55337

sarcoma, histol. classif. as undifferentiated mesothelioma (Den) 22442

*pathology*

pleuropericardial infiltration in acute leukosis, case report (Fr) 33373

*physiology*

eff. of chemostimulation on blood pressure, role of carotid sinuses in cats (Rus) 48029

eff. of stimulation & exclusion of chemoreceptors on blood pressure (Rus) 37198

isotope transfer across pericardium of dogs, comparison of rates 15001

*surgery*

cardiopericardio-myopexy in coronary dis., long-term results 42515

*wounds and injuries*

diag., early (Rus) 33209

**PERINEUM**

*anatomy and histology*

in newborn 18757

variations in structure in epispadias, surg. anat. 55046

*diseases*

hernia after abdomino-perineal amputation of rectum, surg. ther. (Fr) 31056

insuff. of posterior perineum, surg. perineorrhaphy in 2 planes, technic (Fr) 37736

*fistula*

perineal-urethral, in scrotal gangrene (Rus) 10730

*gangrene*

postradiation, repair with scrotal flap 5213

*innervation*

nerves of urogenital triangle, cadaver study in men (Rus) 45600

*microbiology*

perineal carriage of Micrococcus pyogenes aureus 48299

*neoplasms*

keloid, perineo-vaginal, case reports (It) 29824

*surgery*

abdominoperineal excis. in colostomy, technic (Sp) 25953

abdominoperineal resection 28448

immediate perineorrhaphy in two planes with figure-of-eight sutures (Fr) 27713

perineal position, adaptability of standard operating table 18150

perineorrhapy in labor, technic (Sp) 2932

statist. on compl. of perineal wound 31273

technic & appar. for drainage of perineal wound 31277

*wounds and injuries*

during labor, prev. & management 38587

lacerations during labor, causes (It) 54262

**PERIODIC ACIDS**

oxidation of certain types of organic bonds, comparison of rates (Fr) 1058

*effects*

inhib. eff. of periodates on activity of various gonadotropins & pituitary hormones 15594

**PERIODIC DISEASE**

*see also* PERIODICITY

clin. manifest. & postmortem pathol. 13163

periodic paralysis, classif. & pathogen. (Fr) 31915

*blood in*

unusual 17-ketosteroid pattern in boy with congen. adrenal hyperplasia & periodic fever 50440

*case reports*

(Fr) 31974

42006

(It) 8046

(Sw) 43235

*physiology*

tuberculin sensitivity 16397

**PERIODICALS**

Amer. Journal of Digestive Dis., 25th anniversary 35674

Drug zdravila (Rus) 32583

Fielding H. Garrison's checklist of med. & scientific periodicals of 17th & 18th centuries 14341

Gazette hebdomadaire de Medecine et de Chirurgie of 19th century in France (Fr) 44164

Journal des Goncourt (Fr) 53440

journal Fiziologicheskii zhurnal SSSR im. I. M. Sechenova, 40th anniversary (Rus) 49545

Journal of Bone & Joint Surg., editorial accomplishments of Dr. William A. Rogers 40603

med., cost to the author of preparing, publishing or presenting articles to med. meetings 6536

med., information of patients (Sw) 54486

med. journals in India 4231

med. journals of Montpellier, hist. 19362

med., Montpellier Médical, 100th anniversary (Fr) 19360

med. technology journal club for discussion of recent articles at St. Louis University Graduate School 12323

predecessors of Montpellier Med. 19361

17th & 18th century med. periodicals, contribution of Desmark 3180

**PERIODICITY**

alternating two-day cyclic behavior changes 4922

blood & milk vitamin A & carotene in cows, annual curves (Cz) 48623

body fluid balance, eff. of exercise in hot environment in nycto-hemeral rhythm (Fr) 48900

cyclic agranulocytosis in father & daughter 4484

cyclic recur. of pandemics, relation to cosmic influences or electro-magnetic vibrations (Fr) 9181

daily activation of fibrinolysin (Pol) 53213

daily regulation of clin. processes in dis., biometry, review (Ger) 34147

daily routine, physiol. & pathol. (Ger) 33851

daily variations of arterial pressure in hypertension (Bul) 16423

dependence of nest construction rhythm on light cycle & eff. of permanent illumination in white rats (Ger) 53079

diurnal changes in brain glycogen in rats 49333

diurnal changes in islands of Langerhans cells in mice (Pol) 20186

diurnal changes of irregular electrocardiograms (Hun) 29156

diurnal cycle of mitotic activity in corneal epithelium of mice 23550

diurnal fluctuations of phys. efficiency (Ger) 27168

diurnal fluctuations of psychomotor excitability (Ger) 27167

diurnal, relation to vasomotor headache (Ger) 27166

diurnal rhythm of amino acid nitrogen excretion in urine in child. (Ger) 46150

diurnal variations in intestinal absorp. of monosaccharides (Sp) 8858

epinephrine-arterenol ratio in adrenal glands of hedgehog during summer activity 42954

in dis., review (Ger) 11042

lunar periodicity of Jewish month in human reproduction 39815

multiple-choice test, errors & reaction time of sensory motor eff. of reversal of sleep pattern (Fr) 48901

nycthemeral cardiac rhythm, eff. of heat & exercise in normal subjects (Fr) 26834

nycthemeral rhythm of urinary adrenal cortex hormones, review (Fr) 25072

of cell division in mice (Rus) 37192

of cholera epidemiol. in China (Rus) 11488

periodic insulin resist. in diabetes mellitus with splenomegaly & liver cirrhosis (Hun) 29150

persistent rhythmicity in plants & animals, review 53115

seasonal eff. on snail reproduction in prev. of schistosomiasis in No. Africa (Fr) 2441

seasonal fluctuations of gastrointestinal nematodes of imported beef feeder calves in No. E. Iowa 4611

seasonal incidence of peptic ulcer (Rum) 6595

seasonal influences on food allergy 28027

seasonal influences on somnolence in preschool age (Rus) 7930

seasonal nature of bacillary dysentery (Hun) 19748

seasonal prevalence of anophelines in India 4164

seasonal rhythm in morphol. of adrenal cortex in women of child-bearing age 40808

seasonal variation of epiphysiolysis of hip & ingestion of aminonitrile as possible etiol. factor in cow 35283

seasonal variation of insensible perspiration in man 16471

seasonal variations in antidiuretic eff. of toad brain & pituitary extracts in rat (Fr) 26716

seasonal variation in birth of ment. defectives 809

seasonal variations in density of mosquito Culex fatigans & filarial infect. in them in India 16279

seasonal variations in eosinophil count in guinea pig (Fr) 37783

seasonal variations of autonomic NS funct. in psychotics (Pol) 38108

seasonal variations of blood carotene & vitamin A content in normal & various pathol. cond. (Ger) 11172

seasonal variations of hematol. values in Indians of Assam 5179

seasonal variations of hormone secretion of adrenal cortex in dogs & cats 35370

seasonal variations of tapeworm Baerietta diana in salamanders 5596

24 hour periodicity analysis, technics & interpretation in exper. med., review 20509

24 hour periodicity of exper. audiogenic seizures in mice & eff. of lighting 9570

**PERIODONTAL DISEASE**

diag. & ther. 19144

*blood in*

glycoprotein elevation in periodontosis 28106

synd. of obesity, paradontosis & atrophy of peripancreatic subcutaneous tissue in persons over 40, glucose tolerance test (Pol) 8081A

*complications*

tetanus, case report (Por) 13596

urticaria in dent. infect., incidence & case reports 2938

*microbiology*

bacteriol. of exudate from pockets, electron microscopy 4409

*prevention and control*

(Fr) 20667

*therapy*

endodontic ther. of periapical dis., pre- & post-ther. x-rays (It) 53779

management in GP 15927

trichloracetic acid-salicylic acid prep., local admin. 40976

**PERIODONTIUM**

*anatomy and histology*

epithelial attachment & periodontal membrane fibers 52844

histol. eff. of superior cervical ganglion stimulation in cats (Ger) 35255

*in various diseases*

exper. vitamin A defic., eff. of somatotropin in rats 11772

*neoplasms*

in healing alveolus after dent. extraction 41256

**PERIOSTEUM**

parosteal osteogenic sarcoma, case report 40635

*diseases*

dysplasia, hered. (Fr) 25495

periostosis in rickets (Fr) 7512

periostosis of spinous processes in athletes (Ger) 25346

*physiology*

periosteal osteogenesis in rats, electron microscopy (Ger) 34432

*transplantation*

homoplastic transpl. to renal capsule in rabbits, exper. results (It) 25550

**PERIOSTITIS**

deformans, relation to peculiar form of parosteal ossification with monomelic distribution (It) 26593

*case reports*

albuminos, surg. (Fr) 42432

***PERIPHERAL VASCULAR DISEASES*** *see* VASCULAR DISEASES, PERIPHERAL

**PERIPHLEBITIS**

*therapy*

phenindione (Fr) 43808

***PERISTON*** *see* POLYVINYLPYRROLIDONE

***PERITONEAL CAVITY*** *see* ABDOMEN

***PERITONEOSCOPY*** *see* ENDOSCOPY

**PERITONEUM**

*see also* DOUGLAS POUCH

antimycobact. activity of rat peritoneal cells 44109

celioscopic cinematography, progr. & causes of failure (Fr) 3133

fluid in hepatic fascioliasis, comparison with blood picture in cattle (Pol) 33712

fluid in hepatic fascioliasis in cattle, physico-chem. & microscopy (Pol) 33713

mast cells of peritoneal fluid, pressure-centrifuge studies in rats of various ages 39283

peritoneal dialysis in management of acute renal failure & uremia 33393

peritonization of bile ducts, technic (Sp) 8155

*diseases*

diag. & surg., review (Fr) 34366

echinococcosis, incidence in Algerians (Fr) 27709

echinococcosis, multiple (Sp) 8849

form. of fissure by hydronephrosis, case report (Fr) 24245

gelatinous dis. of peritoneum (Fr) 51454

gelatinous dis., relation to Meigs' synd. 18635

hydrocele of canal of Nuck, case reports 41086

oxyuris granuloma (Ger) 42347

torsion of epiploic appendices (Sw) 43223

tuberc., ther., vitamin D2 with antibact. prep. (Rus) 31202

*effect of drugs on*

burned kaolin in rats (Ger) 47908

*foreign bodies*

mouse with gangrenous appendix, epiploica, case report 879

*hemorrhage*

caused by abdom. paracentesis 50822

massive, caused by hypernephroma, emergency radical surg. 10141

*in various diseases*

hookworm infect. (Fr) 51517

*innervation*

terminal nerve structures 9459

*microbiology*

Pasteurella multocida 074B from peritoneal pus in acute appendicitis in child, relation to other Pasteurella multocida strains 5675

*neoplasms*

generalized carcinosis, with cancer of epiploon, of possible ovarian origin, clin. pathol. cond. (Sp) 9711

mesothelioma of pelvic peritoneum simulating papillary cystadenocarcinoma of ovary 35765

remission of peritoneal cancer in ovarian cancer with omental metastasis (Ger) 41720

***pathology***

diag. value of peritoneal washings in ovarian cancer 38565

phase contrast microscopy of peritoneal cytol. in diag. of abdom. neoplasms (It) 6872

***physiology***

exper. fibroblastic reactions in rat peritoneum (Sp) 43939

resorption of labeled erythrocytes in dogs 10089

***radiography***

gynogram with gas insufflation in diag. of gyn. dis. 38568

***surgery***

alloplasty with nylon net in rabbit, prev. of postop. compl. with ACTH (It) 37838

***transplantation***

dura mater repair with heterologous preserv. grafts (Rus) 55314

prep. of heterogeneous peritoneum for use in surg., technics 21031

**PERITONITIS**

acute (It) 52053

biliary without perf. (Sp) 53355

encapsulans caused by artif. pneumoperitoneum & new diag. method & surg. (Fr) 43986

pneumococcal, clin. aspects, surg. & case reports (Sp) 9708

purulent postop., prev. & ther. (Rus) 33563

***case reports***

biliary (Ger) 29086

caused by perforating terminal ileitis, antibiotic ther. & recovery 36014

encysted biliary (Sp) 30997

fatal cases, analysis & develop. of prev. measures (Rus) 5944

***diagnosis***

x-ray, in acute abdom. patients (It) 29662

***etiology and pathogenesis***

appendicitis, chlortetracycline ther. (Cs) 21552

biliary, caused by closed liver rupt. (Rus) 45122

biliary without perf. due to gallbladder aplasia (Ger) 33191

coccidioidal peritonitis, ther. 34973

fatal generalized peritonitis following chronic obstruct. cystitis, case reports 18148

gastrointestinal wds. & inj., prev. & ther. (Rus) 5943

gyn. dis., antibiotic ther. in surg. (Ger) 21954

lymphosarcoma of intestines causing perf., clin. pathol. conf. (Sp) 1820

perf. of cancer of bladder causing acute diffuse peritonitis, case report (It) 26585

perf. of colon in amebic colitis after antibiotic ther., with liver abscess (Fr) 36660

perf. of dysentery ulcer (Rus) 41692

perf. of Meckel's diverticulum (Fr) 51458

perf. of perirenal abscess, case report (It) 39664

perf. of small bowel in patient with malignant thymoma & miliary tuberc., clin. pathol. conf. 3782

tuberc., ther., antibiotics & ACTH (Cs) 26534

***experimental***

fatal peritonitis induced by inject of bact. & brain-heart infusion in guinea pig (Fr) 38763

pneumococcal, eff. of hypothermia alone & with antibiotics on survival in mice 10122

***in infant and child***

acute, physiopathol. & surg. indic. (Fr) 18541

biliary peritonitis caused by fetal erythroblastosis, case report (Cs) 38333

biliary peritonitis in newborn caused by gallbladder perf., surg. (Cs) 38334

caused by Neisseria crassa, with phlegmon (It) 39740

caused by perf. of acute appendicitis, case report 31814

chronic, caused by meconium in newborn inf., diag. value of amniotic fluid microscopy (Ger) 55647

in intestinal perf. in salmonellosis, clin. pathol. conf. (Sp) 37265

meconium peritonitis caused by rupt. of Meckel's diverticulum in newborn, case report 17919

meconium peritonitis in newborn 54706

monilial caused by preop. antibiotic prep. of intestine 18357

newborn (Fr) 54146

Pseudomonas aeruginosa appendicular peritonitis causing intestinal obstruct., surg., total plication of small intestine, Noble technic (Fr) 42411

***in pregnancy***

caused by perforative appendicitis (Dut) 30014

***pathology***

blood vessel changes in gastrointestinal tract in peritonitis, dynamics (Rus) 5945

***surgery***

diffuse purulent cases (Rus) 5942

postop. vitamin B1 ther. (Rus) 22542

***therapy***

antibiotics (Bul) 38716

38718

cortisone in pelviperitonitis (Fr) 26276

hypothermia (Ger) 11372

kanamycin in peritonitis & peritoneal contamination, adjuvant to other antibiotic & surg. ther. 25017

management of diffuse peritonitis 38640

neomycin, intraperitoneal admin., in acute intest. dis. 10094

prednisone in generalized acute hypertoxic peritonitis (It) 39504

tetracycline, clin. & exper. research on tolerance & effectiveness (Ger) 46029

***PERMEABILITY*** *see* OSMOSIS AND PERMEABILITY

***PERNICIOUS ANEMIA*** *see* ANEMIA, PERNICIOUS

***PEROXIDASES*** *see* OXIDASES

**PERSONALITY**

***see also*** BEHAVIOR MECHANISMS

***see also*** CHARACTER

***see also*** LEADERSHIP

abilities & interests, validation of factors 37989

acquiescence & extremes sets, application to tests of authoritarianism & parental attitudes 53619

adolescent personality structure, correlation with family patterns 16500

arrested ego develop., eff. of infantile deprivation 53834

arrogance as denial of use of projective identification, psychoanalytic interpretation 4284

authoritarianism, relation to verbal ability & response set 50108

capacity to be alone 40162

changes caused by thal ic & pallidal lesions, comparison with eff. of various cortical disord. 27035

changes in adult white-collar workers, longitudinal research (Ger) 33551

characteristics, correlation with body type & physiognomy (Fr) 18630

characteristics of volunteers & nonvolunteers in psychol. exper. 40757

characteristics, relation to life experience & susceptibility to dis. 8424

characteristics, relation to physiognomy (Fr) 6377

clin. & psychometric evaluation 20514

comparative male & female personality traits 49773

concept of balance, perceived similarity & projection of similarity, eff. of valence 16505

correlates of med. complaints of aviation cadets 50323

correlation with anti-Negro prejudice & intelligence, eff. of cultural factors 17188

creativity 41349

creativity, correlation with Rorschach test movement responses 17123

develop. in early infancy, eff. of hospitalization 37576

develop., relation to soc. structure, Freud's contribution to integration of psychol. & soc. 31543

differences between well & poorly adjusted young adults, psychologists' ratings & subjects' self-ratings 40860

disord., transient situational 5449

eff. of chlorpromazine & brain lesions, comparison, review 8348

eff. of homogeneity of member personality on group problem-solving 50093

eff. of hypophysectomy of metastatic breast cancer in women, Rorschach test 41360

eff. of maintenance on survival rations 778

eff. of post-gastrectomy protein defic. (Fr) 47452

eff. of speech disord. on personality & adjustment 38665

eff. of temporal lobectomy in epilepsy 8391

ego & id in anxiety, psychoanalytic theory 14236

ego & super-ego develop., psychoanalytic theory 4372

ego autonomy, psychoanalytic interpretation 4601

ego concept in modern psychoanalytic thought 20855

ego consciousness disord., phenomenol. structure analysis (Ger) 36485

ego develop. in segregated Negro child. 19075

ego distortion, psychoanalytic theory 4303 4304 4305 4306 4307 4308 4309

ego funct., relation to finger skin temperature 3389

ego in mystic selflessness, psychoanalytic interpretation 8400

ego reintegration in late adolescents, psychoanalytic interpretation 4389

ego-relatedness & id-relationship in ability to be alone, psychoanalytic interpretation (Ger) 20823

ego's role in funct. of ideology, psychoanalytic interpretation 4393

ego strengthening by release of frustration-aggression 24594

ego structure integration of unusual conflict solutions in character form., psychoanalytic interpretation 44241

ego structure, role of bisexuality in, psychoanalytic interpretation 4373

ego struggle against introjects, psychoanalytic interpretation 4391

extraversion, relation to radicalism & tendermindedness 17165

Eysenck's theory, application to dynamics of anxiety & hysteria 37581

human personality in exper. psychol., statement of Pope Pius XII (Sp) 18815

Ixora synd. 15823

identity, early phys. determinants in develop. of sense of identity 16758

importance in judgment of outcome before home care placement of neuropsychiatric patients 40704

integration, relation to ment. health (Ger) 15806

interpersonal relationships, 3 approaches to 12631

intolerance of ambiguity, measurement by extreme response scores on Personal Friends Questionnaire 38084

introversion & extraversion based on hysterics & dysthymics as criterion groups 4370

4380

introversion-extraversion, correlation with figural after-effect & reactive inhib. 16491

introversion-extraversion measurement based on criteria of hysteria & dysthymia 16507

maturity & relation to chronol. age 24080

methodol. of study on family interaction in personality develop. 53821

multiple self concepts as eff. of changing moods 12596

need for achievement, relation to time judgment & aesthetic preference 50111

need-for-recognition 17151

objective personality inventory in psychosomatic research 44060

obsessional personality, ther. & differentiation from obsessive-compulsive neurosis 41828

of female pseudohermaphrodite, case reports (Cs) 38345

of pulm. tuberc. patients (Por) 53883

optimism, correlation with future time perspective 16506

organizing funct. of interaction roles in person perception 4373

origin of self 44224

over-differentiation & under-individuation of self, psychoanalytic interpretation 20848

personality factors of nursery school child. as derived from parent ratings 4900

psychol. health, comparison of concepts 4923

psychopathic & neurotic develop. in child. (Ger) 33881

reflected in facial expression, relation to facial plastic surg. (Cs) 23657

relation of name styles to 17340

relation of sensory perception to psychol. trauma & character 50039

relation of suggestibility to dependency 17177

relation to failure to appear for exper. psychol. appointments 17133

relation to perception of upright, review 54420

reproducible personality factors in middle childhood 4899

rigidity in adult stutterers 5853

rigidity, negative evidence on generality of rigidity 4389

self-acceptance, eff. on marital happiness 17116

self concept in paranoid schizophrenia 4900

self-concept, relation to ideal-self concept, role of adjustment 4902

self-conceptions, motivations & interpersonal attitudes of early- & late-maturing girls 26577

self-estimate accuracy as measure of self-concept reality 3771

self-ideal congruence as index of adjustment 4370

self-image, relation to anality, psychoanalytic interpretation 50280

self-understanding, psychoanalytic theory 24095

so-called affront to ego causing errors of judgment 39160

soc. role & patterns of symptomatic behaviors 4375

socialization patterns of high school students 5121

structure, premorbid, relation to develop. of psychoses (Ger) 53557

structure, relation to form. of world view (Fr) 15809

structured measurement, contribution of Raymond B. Cattell 40702

superego components, develop. in inf. & child. 44244

superego develop. & pathol., psychoanalytic interpretation 4602

superego funct. & precursors in child., vicissitudes of develop., psychoanalytic interpretation 44242

super-ego, relation to narcissism in psychoanalytic ther. (Ger) 8375

theory of strain toward symmetry 16502

theory, psychometric validation 17737

***effect of drugs on***

[illegible]caline, measurement & change, by MMPI 24629

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

*effects*
ego involvement on concept form. 5045
on capacity for verbal recall 4388
on continuation in psychother. 17113
on decision-making 2573
on esthetic preferences for paintings (Fr) 25100 28666
on field independence 17179
on motivation for seeking med. care for somatic ailments 5461
on prediction of other persons' behavior 17140
on recognition response levels 4369
on size-distance constancy 16499
on success of client-centered ther. 17158
personality factors in healing process 14677
personality factors in readiness to express aggression 4901
personality factors in soc. mobility, study of occup. mobile businessmen 3772

PERSONALITY, IMMATURE
deviant responses on perceptual reaction test as indicators of immaturity 17193

PERSONALITY, PATHOLOGICAL
*see also* SEXUAL DEVIATION
a pre-Freudian complex-theory 47187
aberrations of natural drives, biol. conditioning & adjudication by criminal law (Ger) 34201
aberrations of natural drives, biol. conditioning & legal med. aspects (Ger) 34200
analysis of personality structure of 26 actual suicides 50909
antisocially unbalanced, medicolegal & psychol. problems (Fr) 27948
concept of psycopathic personality, review 40858
criminal psychopaths, psychother. in Danish institute (Sw) 30218
criteria for bringing suit against border line psychopaths (Sp) 31036
diminished criminal responsibility of psychopath. med. & legal problems 18453
duodenal ulcer & psychopathic personality as extenuating circumstances in judgement of criminal responsibility (It) 24947
hyperalpha & gammaglobulinemia in psychopaths (Fr) 47419
MMPI scale measuring severity of psychopathol. 40713
of Brit. criminal lleath 6633
paintings & drawings by psychopathic & other personalities, relation to modern art & change of style induced by ment. disord. (It) 32160
personification of nature, in psychopaths (Ger) 27042
psychoanalytic ther. of psychopathic behavior (Ger) 44194
psychopathic motifs in wish for plastic surg. (Nor) 52739
psychopathic personality, definition & use of the term. 41891
psychopathic types (Ger) 21604
psychopaths, showing hypererotism in marital life (Cs) 14865
psychopathy, develop. in child. (Ger) 33861
psychopathy, nosol. concept (Pol) 30080
Stalin's personality from psychol. viewpoint (It) 8624
state hosp. for nonpsychotic criminal offenders, advantages over prison environment 24619
Szondek test of morality of criminal psychopaths (It) 8630

*PERSONALITY TESTS see* PSYCHOLOGICAL TESTS
*PERSPIRATION see* SWEAT
*PERSPIRATION see* SWEATING
*PERTUSSIS see* WHOOPING COUGH
*PERVITIN see* AMPHETAMINE
*PETROLATUM, LIQUID see* MINERAL OIL

PETROLEUM PRODUCTS
*see also* TARS
*see also* WAXES
air pollution in petroleum refining 471
cancerogenic eff. of shale oil soot in mice (Rus) 33600
gasoline & petroleum ether contamination by benzene, determ. method (Ger) 43582
method for producing microscopic prep. from petroleum (Rus) 19131
paraffin, aromatic polycylic hydrocarbon content (Ger) 1576
paraffin oil as preservative for corneal transplants (Ger) 28910
petroleum as source of 1st substances used in drug indust. (Fr) 8312
petroleum benzine, determ. of blood cholesterol, agitation technic (It) 13988
Swiss Lead-Gasoline Commission, activities in prev. of lead pois. (Ger) 11311
use in prev. of malaria, preserv. of food, antisepsis & sanitation (It) 54233

*injurious effects*
fuels of turbo-jet aircraft, causing skin & mucous membrane lesions (Fr) 46562
liquid paraffin causing oil aspiration pneumonia 37697
mineral spirits causing aplastic anemia, case report (Fr) 1333
pneumonia due to aspiration of gasoline (Rus) 51224
vehicular exhaust gases, hazards to passport & custom officials (Ger) 55506

*poisoning*
ethyl gasoline, review (Ger) 10910

*therapeutic use*
paraffin dressings in burns in child. (Rus) 9870
paraffin in alopecia areata, with iodine local admin. (Rus) 9869

PETROUS BONE
*see also* TEMPORAL BONE
electrolytic decalcination (Rus) 10774

*cysts*
massive epidermoid, petromastoid, of tempero-occipital region (Fr) 1017

*diseases*
empyema of petrous pyramid after recovery from acute otitis media treated with penicillin (Ger) 19318
petrous pyramid suppurations, diag. & ther. (Ger) 53356

*fractures*
compl., facial paralysis in child, case report (Hun) 39432
seq., early ther. (Fr) 27023

*PETROUS PYRAMID see* PETROUS BONE

*PEUTZ-JEGHERS SYNDROME see* POLYPI

*PEYRONIE'S DISEASE see* PENIS

*PFAUNDLER-HURLER SYNDROME see* LIPOCHONDRODYSTROPHY

PHAGOCYTOSIS
*see also* MACROPHAGES
by leukocytes, metamorphosis (Ger) 23641
eff. of diphtherial toxin (Pol) 29503
eff. of Shigella antigen (Ger) 24312
in exper. silicotic granuloma, eff. of various pharmacodynamic agents (Fr) 21294
interaction between Salmonella typhimurium & phagocytic cells in cell culture 40945
nucleophagocytosis, morphol., incidence in various dis. & relation to L. E. phenomenon (Ger) 27177
of bact. by RE system in isolated perfused rat liver, opsonic eff. of normal sera 40068
of bact. in vitro, blockade by bacteriophages 54388
of erythrocytes by human lymph nodes in vitro 17883
of Histoplasma capsulatum in HeLa cell medium 28226
of mast cell granule by eosinophils in rat 47085
of streptomycin-resist. M. tuberc. in vitro (Jap) 18170
phagocytic activity of RE system after BCG vacc., correlation with prod. of antibact. antibodies in mice (Fr) 26915
phagocytic activity of RE system, eff. of natural steroids 19479
phagocytic activity of RE system eff. of splenectomy 7237
phagocytic activity of RE system, eff. of starvation in rabbits 12020
phagocytic funct. of RE system, review (Fr) 41331
phagocytic test for detection of differences in antigenic struct. of bact. 19706
phagocytosis of indust. mineral dusts by macrophages in lungs, microcinematography (Fr) 32302
polyerythrophagocytosis, a new type of phagocytosis, by histiocytes of serous effusions (Fr) 21654
relation between insusceptibility to phagocytosis & virulence of certain Klebsiella pneumoniae strains 17476
relation between osmotic resist. & phagocytic power of leukocytes (It) 14015
review (Rus) 55174

*effect of drugs on*
combined chemother. of tuberc. on phagocytic funct. in rabbits (Jap) 18175
cortisone (Rus) 55767
cysteine, dimercaprol & mercaptoacetic acid in vitro 54387
necrosin (Ger) 49366
protection of living cells against acid by non-ionic & amphoteric soaps 7147
serotonin on phagocytosis of leukocytes in vitro (Ger) 35373
substances depressing phagocytic activity of RE system, trials in mice 7252

*effect of radiations on*
x-rays on appendiceal phagocytic funct. in rabbits (Rus) 8645

*in various diseases*
hypertension & peptic ulcer, as index of reactive capacity (Rus) 33247
phagocyte index in arm & leg fract. (Rus) 52885
phagocytic activity in commun. dis. in child. (Rus) 53044
scarlet fever (Rus) 7895
tonsillitis, comparison before & after tonsillectomy (Rus) 45732

*physiology*
eff. of anesth. & hypothermia (Rus) 11485
eff. of anesth. & pain (Rus) 55769
eff. of cold (Rus) 55772
eff. of exper. anaphylactic shock (Rus) 7809
eff. of pain stimuli (Rus) 7789

*PHALANGES see* FINGERS AND TOES

PHANTOM LIMB
(Pol) 38466
epileptic aura localised in a phantom limb (It) 32130
in brachial plexus lesion, case report (It) 32132
movements as basis for practice ther. for Krukenberg grasping arm in hand amputees (Ger) 18914
pain, pathogen. & psychosomatic aspects (Ger) 15883
review (It) 8596

*case reports*
disappearance during spinal cord compression by cervical disc hernia in leg amputee, surg. & reappearance of phantom 11988

*PHARMACOGNOSY see* PLANTS

PHARMACOLOGY
application of rheol. to pharmacol. problems (Ger) 47684
contribution of John Henry Gaddum 33131
contribution of J. A. Gunn 29856
contribution of Aksel Jarmstad (Fr) 36201
eff. of freeze drying on various pharmaceutical prep. 47093
electrophysiol. basis for neuropharmacol., review 49440
pharmacologist's profession as specialty (Ger) 38894
psychopharmacol. & psychiatric basis of psycholiol. (Rus) 34758
psychopharmacol. aspects of psycholiol. 16356
psychopharmacol. in ther. of ment. disord. 47108
psychopharmacol., review (Sw) 54832
research, use of radioisotopes (Fr) 51057
review 18701
theory of receptors, rational method of estimation of pAx 47731

*apparatus and instruments*
microbath for testing eff. of drugs on pieces of musc. 40241

*education*
psychopharmacol. laboratory exercise for med. students 17685
student-conducted demonstrations 5364

*history*
contribution of Shih-Cheng Li (Rus) 49440
contribution of Oscar Liebreich (Ger) 19033
contribution of Hans Seel (Ger) 18899

PHARMACOPEIA
*see also* FORMULARIES
Brit., hist. & develop. 14311
Brit. Pharmacopeia & Extra Pharmacopeia 2176
Chinese Pharmaceutical Handbook (Ger) 7984
from 3700 B. C. to 1690 A. D. (Sp) 31872
German Homeopathic Pharmacopeia, proposals for revision of 2d edition (Ger) 13374
Homeopathic Pharmacopeia, proposals for revised second edition (Ger) 36464
Internat. Pharmacopeia, critical remarks (Ger) 43594
Netherlands & Belgian editions of foreign pharmacopeias (Dut) 30634
proposals to German Pharmacopeia (Ger) 7967 7970 20324
proposed additions to Italian pharmacopeia (It) 37298 48100
Swedish, additions (Sw) 22110 54792 54795
U. S. P. XVI, infrared spectrophotometry as a testing procedure 47092

*history*
(Sp) 53978

PHARMACY
*see also* DRUG INDUSTRY
*see also* PRESCRIPTIONS
applications of wetting agents (Dut) 7962
contributions of pharmacy to med. research 38024
control of drug samples in hosp. 16171
current status 32514
dispensing physicians 715
distilled water for pharmaceutic use, bacteriol. contamination (Sw) 54793
drug information sources in Canada, Gt. Brit., Netherlands & U.S. 24680
Duvan pharmacy in Gothenburg, reconstruction (Sw) 54798
hosp., advances in standards 19290
hosp., chief pharmacist, responsibilities in hosp. admin. 4080 4111
hosp., develop in small hosp. 40006
hosp., drug & solution control 49946
hosp., formulations for dispensing to podiatry clinic 4587
hosp., inspection of ward drug cabinets 14719
hosp., legal labeling requirements for nursing station medication containers 4125
hosp. pharmacist's liability for errors in prescription filling 42843
hosp. pharmacist, medical & secondary duties 27944
hosp. pharmacist, relation to administrator 4077


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

hosp. pharmacist, responsibilities 4082
52161
hosp. pharmacist's role in purchasing med. supplies by hosp. 16254
hosp. pharmacist, safety precautions 40026
hosp. pharmacy committee, duties 4079
hosp. pharmacy, control of ward supplies 4086
hosp. pharmacy, inventory problems in financial management 4081
hosp. pharmacy, 24-hour serv. 4085
hosp., purchase & inventory control of pharmaceuticals. 16206
hosp., serv. in small general hosp. in So. Dakota 9842
in France during reign of Louis XIII (Fr) 31480
in Oriental countries (Fr) 44156
in Sweden, charging regulations (Sw) 10152
in U. S. professional practice by pharmacists 9843
influence of career as pharmacist on poetry of Theodor Fontane (Ger) 43605
inventory problems in hosp. financial management 4081
modern analytical chem. in serv. of pharmacy, review 41208
modern technics (Sp) 12918
need for brotherhood of pharmacists (It) 29595
pharmaceutic museum in Heidelberg, Germany (Ger) 19450
pharmacist's role in poison control 49961
pharmacy student recruitment program for hosp. 27937
polarography in pharmaceutical analysis, review (It) 13920
prices (Ger) 15405
professional responsibilities of colleges & pharmacy boards to pharmacists after graduation & licensure 12476
relation to med. (It) 52006
responsibilities of pharmacists for future progr. 714
responsibility of pharmacist in ascertaining true dos. of various drugs prescribed for child. 16222
role of pharmacists in Poison Control Centers 4084
ship pharmacy equipment, storage (Sw) 54799
unity of the profession (It) 42561
use of plastics (Fr) 31478
use of radioisotopes (Fr) 25404
use of radioisotopes in (Ger) 51060

***apparatus and instruments***

Brookfield RVF viscometer, use with thickening agent dispersions 16711
pharmaceutic sterilizer (Rus) 45899

***education***

at University of Berlin, hist. (Ger) 53104
hosp. internship 7024
in Gt. Brit. (It) 27429
in National University of Buenos Aires, hist. & methods (Sp) 9718
in Sweden, more internships in pharmacies (Sw) 10153
need for standardized internship 24597
School of Pharmacy at University of Belgrade (Fr) 8314
So. Dakota State College, Division of Pharmacy, hist. 21841

***history***

(Sw) 10150
contribution of K. W. Scheele & M. H. Klaproth (Ger) 10149
early 19th century portable wooden pharmacy (It) 52010
early 19th century satire I Dilettanti Comici (It) 6838
eclectic pharmacy of antiphlogistic period, contribution of Wooster Beach 10701
18th century Span. regulations on Philippine pharmacy (Sp) 12921
in Argentina (Sp) 9673
19th century pharmacist & political refugee Carlo Giuseppe Ferraris (It) 52009
panaces of 17th century (Ger) 42925
pharmaceutical collections in Stockholm (Sw) 43202
reconstruction of old pharmacy in Denmark (Fr) 53557
17th-19th century Piedmont apothecaries (It) 52008

***legislation***

in E. Germany (Ger) 38895
in France (Fr) 8320
in W. Germany (It) 6834

**PHARYNGITIS**

***etiology and pathogenesis***

tetracycline-resist. streptococci of group A, type 12 23512

***in infant and child***

viral, review (Fr) 51495

***therapy***

antibiotics (Ger) 42389
neomycin in pharyngitis caused by polymyxin B-resist. strain of Pseudomonas aeruginosa (It) 30674

***PHARYNGO-CONJUNCTIVAL FEVER*** ***see*** **ADENOVIRUS INFECTIONS**

**PHARYNX**

***see also*** **NASOPHARYNX**

***abnormalities***

palato-pharyngeal symphysis, case report 5295

***anatomy and histology***

3030
lymphatic vessels, outlet into cervical veins (Rus) 47866

***diseases***

atrophy of mucous & constrictor musc. & absence of pharyngeal reflex, with arthrosis of cervical spine (Fr) 44673
Coxsackie virus A infect. with exanthem & fever, Toronto epidemic 14679
moniliasis caused by antibiotic ther. of various dis. (Rus) 45734
paresthesia (Fr) 21348
pharyngolaryngeal tuberc. (Fr) 41144
tuberc., miliary, simulating lupus vulgaris (It) 48109

***diverticula***

6154
giant pharyngoesophageal, surg., case report 47250
hypopharyngeal, deglutition mechanisms in 35340
pharyngoesophageal, pathogen. & surg. inversion or excis. 2940

***embryology***

innervation (Rus) 13566

***foreign bodies***

intracervical transpharyngeal penetration of pipe segment (Rus) 45743
wheat grains (Rus) 55234

***microbiology***

eff. of penicillin on microorganisms of hosp. personnel & patients (Rus) 36379
in rheum. fever & tonsillitis, sensitivity to antibiotics (Rus) 20276
modifications of oropharyngeal bact., eff. on psychodynamic state 8427
Mycobacterium johnei & M. tuberc. from retropharyngeal lymph nodes in apparently normal cattle 5691

***muscles and tendons***

cricopharyngeus, motor activity 6212
cricopharyngeus, sphincteric action in normal subjects studied by hypopharyngeal & esophageal intubation & x-ray 37627

***neoplasms***

angioma, cavernous, surg. technic (Pol) 30330
buccopharyngeal, surg., single-block excis. (Fr) 45018
cancer of hypopharynx, surg., lateral pharyngectomy, technics (Fr) 22172
chordoma of oropharynx, case report & histopathol. 50753
complicating pulm. tuberc. (Fr) 28379
cytol. diag. & progn. 6224
dysembryoma in 2-year old child (Fr) 47474
epidermoid carcinoma with recur. lymph node metastases (Ger) 22785
epipharyngeal, causing synd. of foramen lacerum posterius, x-ray diag. (It) 8552
epipharyngeal chronic carcinoma (Ger) 19320
etiol., tobacco smoking (Fr) 44681
fibroma of maxillopharyngeal space, case report (Fr) 47475
hypopharyngeal, diag., value of arrested & slowed images in radiocinematography (Fr) 1021
hypopharynx, clin. & surg. problems, hosp. statist. 35343
hypopharynx, surg., one-stage resection & reconstruction, case reports 47249
hypopharynx, surg., progn. (Dut) 52512
hypopharynx, x-ray ther., results (Ger) 45259
oropharynx, diag., radiother. & surg. 6239
parapharyngeal glomangioma of pneumogastric & hypoglossal nerves (Fr) 32379
peri-pharyngeal ganglioneuroma, histogenesis & case report (It) 30342
pharyngo-esophageal, surg., total cervical pharyngo-esophagoplasty & repair of neck with tube graft (Fr) 13068
squamous cell carcinoma, diag. & surg. 6241
surg., total excis. of pharynx & form. of pharyngostoma for radium ther., method for plastic closure of stoma (Ger) 19326
ther., methods (Rus) 10769
undifferentiated epitheliomas of hypopharynx, clin. manifest. & histopathol. (Fr) 20526
x-ray aspects (Fr) 20682
x-ray diag. of malignant tumors, review (Cz) 14776
x-ray manifest. (Fr) 43982

***paralysis***

diag. of paresis & differentiation from cancer of hypopharynx 18479

***perforation***

hypopharynx, etiol. & surg. 41068

***physiology***

posterior pharyngeal wall movement during speech in normal subjects 5840

***radiography***

use of methantheline deriv. in obtaining thin-layer radiograms of mouth of esophagus & pharynx (Fr) 44677

***surgery***

pedunculated flap in repair of cleft palate (Pol) 30310
pharyngeal flap operation in palatal insuff., preop. & postop. speech ther. 18095
plastic, reconstruction of anterior wall of hypopharynx following resection for cancer of epiglottis, technic (Fr) 13024

***wounds and injuries***

gunshot wds. in soldiers, ther. (Rus) 45719
impalement inj., management (Ger) 23783
minor pharyngolaryngeal changes immediately following endotracheal intubation (It) 13503
perop. radium ther. of pharyngeal & hypopharyngeal tumors, technic (Fr) 47485
war wds., case reports (Fr) 47470

***PHENACEMIDE*** ***see*** **ANTICONVULSANTS**

***PHENACETIN*** ***see*** **ACETOPHENETIDIN**

**PHENANTHRENE**

***effects***

on glutathione metab. response to alloxan in rat (Fr) 5765

***metabolism***

oxidative metab. by soil Pseudomonads 7173

***related compounds***

3,4-benzophenanthrene, relation of histamine fixation to nerve destruction (Fr) 38736
1,7-dimethyl-6-propiphenanthrene, prep. & structure analysis (Ger) 2830
eff. on growth of transplanted mammary tumors in relation to chem. structure 9635
4,7-phenanthroline-5,6-quinone & monosemicarbazone ther. of amebiasis 40918
4,7-phenanthroline-5,6-quinone monosemicarbazone ther. of amebiasis 27977
4,7-phenanthroline-5,6-quinone semicarbazone, ther. of amebiasis (Por) 18139
4,7-phenanthroline-5,6-quinone semicarbazone, ther. of intestinal amebiasis (Fr) 6417
4,7-phenanthroline-5,6-quinone, ther. of amebiasis (Por) 40223
4,7-phenanthroline-5,6-quinone, ther. of intestinal amebiasis 17432

***PHENERGAN*** ***see*** **PROMETHAZINE**

**PHENINDIONE**

***effects***

on blood levels of Christmas factor, factor VII & prothrombin 16824
on Christmas factor 10323
on Christmas factor concentration in blood 32217

***metabolism***

distribution in blood & tissues after oral & intravenous admin. 32223

***related compounds***

2-p-anisyl-1,3-indandione ther. of myocardial infarct, coronary insuff. & thrombosis of legs, results 2266
2-diphenylacetyl-1,3-indandione, ther. of thrombo-embolic dis. (It) 2077

***therapeutic use***

myocardial infarct 4439
phlebitis & periphlebitis (Fr) 43808
prev. & ther. of thromboembolism (Rus) 22532

**PHENOBARBITAL**

metab. transform. of primidone to phenobarbital as cause of primidone pois., exper. with rats & case reports on primidone pois. 16661
solubility in water-alcohol mixtures, eff. of hydrogen ion & alcohol concentrations 16725

***anesthesia and analgesia***

in labor, with atropine, nicotinic acid & procaine (Ger) 29489

***effects***

on active anaphylaxis in guinea pigs (Ger) 24020
on embryonic heart tissue culture, adaptation (Ca) 38238
on exper. shock, comparison with chlorpromazine & reserpine (Cz) 38253
on thyroid tissue metab. in mice & rats (Rus) 33101
on underlying neurol. mechanisms in motor funct. restitution in presence of cortical lesions in monkeys 52587

***in urine***

eff. of increased diuresis on excretion in dogs (Fr) 38739

***injurious effects***

allergy with sympt. of infect. mononucleosis (Ch) 38384

***metabolism***

eff. of blood pH on cellular-extracellular exchanges of phenobarbital in nephrectomized dogs (Fr) 38729
renal elimination, eff. of urinary alkalosis, in dogs (Fr) 40067

***therapeutic use***

anxiety, depression & other psychiatric disord. in cancer patients, with chlorpromazine & aminophylline (It) 8603
arterial hypertension, reserpine-khellin-phenobarbital prep. (It) 39517
convulsions in child., comparison with paraldehyde 43780
extrasystole, with Crataegus extract, procaine amide & quinidine (Ger) 6706
gastrointestinal dis., with diphenmethanil methylsulfate 12295
grand mal epilepsy, with phenacemide & phenylethylacetylurea 17750
irritable colon synd., with belladonna (Sw) 52733

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

orthostatic cardiovasc. disord., with neostigmine (Ger) 54322

peptic ulcer, antacid-belladonna-phenobarbital-vitamin P prep. neutrone (It) 21457

phenobarbital-aminophylline-ephedrine prep. in depression in female climacteric (It) 8621

phenobarbital - atropine -procaine prep. in stomach dis., with climatother. (Ger) 51872

phenobarbital-belladonna-ergot prep. in thrombosis prev. (Ger) 11222

phenobarbital-ephedrine-theophylline prep. in asthma (Ger) 32973

phenobarbital-ergotamine tartrate prep. in autondmic NS dystonia (Ger) 51829

phenobarbital - N-n-octylatropine bromide prep., preop. & postop. sedation in strumectomy (Ger) 23193

spasticity & contractures caused by spinal cord inj., comparison with meprobamate & noxanolamine 25514

***toxicity***

in rats at high altitude 46372

## PHENOLPHTHALEIN DYES

***see also*** **KIDNEY FUNCTION TESTS**

bromphenol blue-binding capacity of blood & cytoplasmic proteins, comparison (Ger) 23075

bromsulphalein retention, correlation with oral & intravenous cholecystographic findings (Sw) 52731

## PHENOLS

***see also*** **CRESOLS**

***see also*** **CREOSOTE**

***see also*** **NITROPHENOLS**

***see also*** **PYROCATECHOL**

***see also*** **RESORCINOL**

alkylated phenols, reactions with ferric chloride & use in their quantitative spectrophotometric determ. (Ger) 47680

1,4-dicaffeyl-quinic acid, pharmacol. (It) 13921

nicotinic acid phenol esters, prep., antimycotic & hyperemizing eff. (Ger) 1322

***determination***

in pharmaceutical prep. by coupling with 4-aminophenazone in presence of alkaline oxidising agent 41316

polyphenols in apples (Ger) 12062

***effects***

alkyl- & aryl-phenol prep. on antibiotic sensitive & resist. strains of Micrococcus pyogenes aureus 54706

antag. of vitamin E by phenolic esters (Ger) 28068

blockade of conduction in peripheral nerves, relation to their penetration into monomolecular layer of nerve-tissue lipids 47954

1,4-dicaffeyl-quinic acid, on biliary funct. (It) 29599

2,4-dichlorophenol, on serum catalase & Heinz body form. (It) 51656

inhib. of Saccharomyces cerevisiae, protective eff. of aminoethylphosphoryl choline & β-aminoethyl phosphate (It) 39318

monophenols as hydrogen carriers in oxidation of vitamin C by tyrosinase (Fr) 38687

non-specific spasmolytic activity of phenol & some of its deriv. in vitro (Fr) 47730

on mitosis in amphibian eggs (Fr) 23568

pentachlorophenol on histamine release during anaphylactic reaction in vitro 39260

pentachlorophenoxy sodium-dinitro-o-xyxlohexylphenol prep., resist. of Oncomelania nosophora 24701

pentachlorophenoxy sodium, lethal eff. on snail Oncomelania hupensis 16457

pentachlorophenoxy sodium, molluscicidal eff. on snails in control of schistosomiasis 2451

pentachlorophenoxy sodium, molluscicidal eff. on snails with Schistosoma mansoni infestation 2450

pentachlorophenoxy sodium on Oncomelania snails, resist. 38388

pentachlorophenoxy sodium on snail Bulinus senegalensis, attempted control 25066

penta-, tetra- & trichlorophenoxy sodium on snail Oncomelania hupensis, molluscacidal eff. 38387

phenolic esters & guiacol acetate, alleged anti-vitamin E eff. in rats (Ger) 16383

sodium-pentachlorophenate in control of common poultry ascarid 5135

2,4,5-trichlorophenol phenylcarbamate on fungi in vitro & on exper. fungal infect. (Ger) 13643

***in blood***

in anemia in patients with chronic renal dis. 31308

in kidney dis., mechanism of their renal excretion (It) 29701

***in urine***

chromatographic determ., eff. of atmospheric contaminants 19468

determ. & relation to benzene content of atmosphere (Cz) 30945

phenol acids after ingestion of coffee or banana, paper chromatography 19519

***injurious effects***

monobenzone causing vitiligo (Ger) 49838

***metabolism***

biosynthetic relations of natural phenolic & enolic cpds., review 27478

brain & musc., in brain tumors (Rus) 55852

dihydroxyphenols in fly Calliphora vomitoria cuticle during puparium 44031

hydroxybenzoic acids, form. by fungus Phycomyces blakesleeanus (Ger) 25328

phenolic acids in cacao, chromatographic identification & separation from flavonoids 13709

m-polyphenol oxidation by enzymes from fungi 1348

***poisoning***

inhalation during Ziehl-Neelsen staining of M. tuberc. (Ger) 23156

***therapeutic use***

intractable pain, subarachnoid inject. 28961

pentachlorophenol in fungal skin dis. in inf. & child (Rus) 13883

psor-intern in psoriasis (Sp) 35539

## PHENOTHIAZINE

***see also*** **CHLORPROMAZINE**

***see also*** **PROMETHAZINE**

***determination***

volumetric analysis, new technic for phenothiazine cpds. (Ger) 20330

***effects***

lysis of Bacillus subtilis 39391

***related compounds***

8-acetyl-10-(3-dimethylamino-propyl)-phenothiazine, antiemetic eff. in surg. (Sw) 45325

8-acetyl-10-(3-dimethylamino-propyl) phenothiazine, clin. testing 24631

8-acetyl-10-(3-dimethylamino-propyl)-phenothiazine in ment. disord. (Fr) 429

18498

21624

8-acetyl-10-(3-dimethylaminopropyl)-phenothiazine, ther. of chronic ment. disord. 2613

alkylamine deriv., antag. eff. on central action of amphetamine, relation to chem. structure (It) 25592

alkylamine deriv., eff. on basal metab. in rat (It) 27430

alkylamine deriv., eff. on cerebral proteins in rats (It) 37314

10-aminoacylphenothiazine quaternary salts, spasmolytic activity in rabbit & guinea pig (Fr) 54901

causing atropine-like pois. 12592

causing blood dyscrasias 775

causing neurol. sympt. (Fr) 47456

2-chloro-10-[3-(N-cyclopentyl-N-methyl) amino-propyl] phenothiazine, chem. & pharmacol. properties & clin. uses (It) 35004

2-chloro-10-[3-(N-cyclopentyl-N-methyl) aminopropyl] phenothiazine ther. of ment. disord. (It) 54280

3-chloro-10-[2-(2-N-methylpiperidyl)-ethyl]phenothiazine ther. causing retinal pigmentary degen., eff. on visual funct. 11684

8-[3-(2-chlorophenothiazin-10-yl) propyl]-pseudo-3α-hydroxy-nortropane, ther. of hypertension 39359

determ. by precipitation with Reinecke's salt, wofatite F in prep. of precipitates for titrimetric determ. (Ger) 20329

dimethylaminoacetyl-10-phenothiazine, polarometric determ. (Ger) 7986

10-(2-dimethylamino-2-methyl-ethyl) phenothiazine in pruritus (Rus) 45649

10-(3-dimethylamino-2-methyl-ethyl)phenothiazine prep. admin. in hyperthyroidism surg. with local procaine anaesth. (Rus) 31160

10-(2-dimethylamino-1-methyl-ethyl)-phenothiazine ther. of psychoses, combined with chlorpromazine & reserpine (Ger) 32983

10-(3-dimethylamino-2-methyl-propyl)-3-methoxyphenothiazine ther. of melancholic depressions (Fr) 1003

10-(3-dimethylamino-2-methyl-propyl)-3-methoxyphenothiazine ther. of ment. disord. (Fr) 46620

47439

47440

10-(3-dimethylamino-2-methyl-propyl)-3-methoxy-phenothiazine ther. of schizophrenia 17754

10-(3-dimethylamino-2-methyl-propyl)phenothiazine as anti-allergic 36238

10-(3-dimethylamino-2-methyl-propyl)phenothiazine, antipruritic in chem. burns & dermatoses in coal miners 53050

10-(3-dimethylamino-2-methyl-propyl) phenothiazine ther. of itching 48490

10-(3-dimethylamino-2-methyl-propyl) phenothiazine, ther. of pruritus 1287

10-(3-dimethylamino-2-methyl-propyl)phenothiazine ther. of pruritus, oral admin. 7503

16357

2-dimethylaminosulfonyl-10-[3-(1-methyl-4-piperazinyl) propyl] phenothiazine shock ther. (Fr) 47458

2-(N, N-dimethylsulfonamido)-10-(1-methyl-4-piperazinyl)propyl-phenothiazine ther. of chronic psychoses 28552

eff. of substituted alkylamine deriv. on blood glycoproteins in rats (It) 14035

eff. of substituted alkylamine deriv. on blood proteins in rats (It) 14024

eff. on blood sugar (Rus 49423

eff. on pentylenetetrazole-induced epilepsy in rabbit, EEG (Fr) 54912

in anesthesiol. 47309

inhib. eff. on dextran edema in rats, mechanism & relation to anti-serotonin & central sedative action (It) 37338

metab., detection of free radicals, among intermediary metabolites 1701

2-methoxy-10-(3-dimethylamino-propyl)phenothiazine, eff. on cardiovasc. system & autonomic NS (Fr) 26683

2-methoxy-10-(3-dimethylamino-propyl)phenothiazine, eff. on cardiovasc. system & autonomic NS in dog (Fr) 36591

2-methoxy-10-(3-dimethylamino-propyl)phenothiazine, pharmacol. (Fr) 15110

3-methylmercapto-10-(N-methyl-piperidyl-2)-phenothiazine, clin. evaluation (Fr) 43837

3-methylmercapto-10-(N-methyl-piperidyl-2)-phenothiazine pharmacol. in mice & rats (Ger) 54332

3-methylmercapto-10-(N-methyl-piperidyl-2)-phenothiazine, ther. of ment. disord., absence of side-eff. 12598

3-methylmercapto-10-(N-methyl-piperidyl-2)-phenothiazine trial ther. use in clin. psychiatry (Fr) 54333

10-(1-methyl-4-piperazinyl)propyl-phenothiazine, ther. of psychoses (Ger) 35386

perphenazine & prochlorperazine as ataractics & anti-emetics in cataract surg. 47060

perphenazine & promazine, eff. on amphetamine & methylphenidylacetate-induced hypermotility in mice (It) 37513

perphenazine causing acute dyskinesia during ther. of vomiting of pregn. 48286

perphenazine causing neuromusc. disord., differ. diag. from conversion hysteria 39165

perphenazine, clin. evaluation 38030

perphenazine, eff. on adrenal funct. during ther. use (Ger) 45396

perphenazine in labor 47010

perphenazine in ment. disord. (Ger) 45402

perphenazine in severe psychoses (Fr) 46619

perphenazine premedication in eye surg. 664

perphenazine, protective eff. against exper. shock in dogs & rats, comparison with chlorpromazine 31330

perphenazine ther. causing clonic convulsions after oral admin. 50226

perphenazine, ther. of acute & chronic arthralgias, with prednisone or prednisolone 4438

perphenazine ther. of alcoholic intoxication & alcoholic psychoses, comparison with reserpine 38031

perphenazine ther. of allergies 40170

53840

perphenazine, ther. of chronic psychosis 12618

perphenazine ther. of extrapyramidal hyperkinesis (Ger) 39021

perphenazine ther. of gastrointestinal dis., with diphenmethanil methyisulfate 12295

perphenazine ther. of manic & pseudomanic synd. (Ger) 45401

perphenazine ther. of neurol. disord. (Ger) 6875

perphenazine ther. of postmenstr. nausea, retching & vomiting 35981

perphenazine, ther. of psychoses 15561

perphenazine, ther. of skin dis. 38840

perphenazine ther. of vomiting in pregn. 47014

phenothiazine tranquilizers, antag. of apomorphine (Fr) 15108

photosensitivity of phenothiazine deriv. 16712

10-(N-piperazinyl)-carbonyl) phenothiazine, eff. on disord. of body fluid balance & brain metab. induced by prolonged admin. of lysergic acid diethylamide in rabbits (Fr) 26818

10-(N-piperazinyl-carbonyl)phenothiazine neuroleptic properties & ther. use (It) 47459

potentiation of barbiturates, hypothermic method for measurement 20728

potentiation of thiopental in animals (Cz) 38234

prochlorperazine causing compl. & unusual reactions (Fr) 32936

prochlorperazine causing confusional state in mild manic-depressive patient, EEG & clin. manifest. (Fr) 47457

prochlorperazine causing intrahepatic cholestatic-type jaundice, case report 19857

prochlorperazine causing severe motility disord. after small dose 19868

prochlorperazine, eff. on emotional behavior in rats 42992

prochlorperazine, extrapyramidal side eff. 19867

prochlorperazine in chronic psychoses 50850

prochlorperazine in chronic psychoses, comparison with chlorpromazine 50849

prochlorperazine in surg. 50762

prochlorperazine, pharmacol. & ther. use in obst. & gyn. (It) 29823

prochlorperazine, properties (It) 1951

prochlorperazine ther. causing neurol. disord. in child, EEG (Fr) 38775

prochlorperazine ther. of acute intermittent porphyria, case report 19824

prochlorperazine ther. of disturbed ment. patients, alone & with chloropromazine 39154

prochlorperazine, ther. of gastrointestinal disord., with isopropamide 53059

prochlorperazine, ther. of ment. disord., comparison with benactyzine 39166

prochlorperazine, ther. of ment. disord. in aged 50761

prochlorperazine, ther. of ment. disord., sustained-release prep. 15563

prochlorperazine ther. of schizophrenia 17758

prochlorperazine, ther. of schizophrenia, comparison with other tranquilizers 12622

prochlorperazine ther. of vomiting in child., side-eff. 163

promazine, adjuvant in labor, with meperidine 32731

promazine adjuvant in regional anesth., with meperidine 2940

promazine adjuvant ther. in labor 21516

promazine & perphenazine suppression of cyclopropane-epinephrine induced arrhythmias in dogs 34760

promazine assay & separation from chlorpromazine & promethazine, colorimetry 51086

promazine causing arterial thrombosis with gangrene after intramusc. admin., case reports 16602

promazine causing false positive frog test for pregn. 28844

promazine causing hypotension 46429

promazine causing toxic & allergic reactions (It) 9302

promazine, clin. trial (Ger) 29421

promazine combined with meprobamate ther. of emotional disord. 16366

promazine, eff. on concentrative attention span of chronic schizophrenics, comparison with chlorpromazine 40728

promazine, eff. on EEG 47181

promazine, ther. of chronic psychoses in hospitalized patients 50447

promazine ther. of chronic schizophrenia 50852

promazine, eff. on spontaneous electrical activity of thyroid gland in humans (It) 36741

promazine, in anesth. in obst. & gyn. surg. (It) 42489

promazine, in anesth. in pediatric surg. (It) 42490

promazine labeled with radiosulfur, metab. in animals (Rus) 34681

promazine metab. & retention in rat (Ger) 46183

promazine, pharmacol. (Ger) 13638

promazine, pharmacol. (It) 42488

promazine, pharmacol. & clin. eff. in horses 40402

promazine preanesth. in horses 40403

promazine preanesth. with meperidine, eff. on barbiturate anesth. in ocelot & leopard 16774

promazine ther. of chronic psychoses 5448

promazine ther. of chronic schizophrenia, comparison with chlorpromazine & mephobarbital 34900

promazine ther. of chronic schizophrenia, eff. on affective process 34902

promazine, ther. of gynecol. dis., threatened abortion, hyperemesis gravidarum (Ger) 10304

promazine ther. of ment. defic., case reports 53604

promazine ther. of ment. disord. 53611

promazine ther. of psychopathic epileptics (It) 31697

promazine, ther. of psychoses (Ger) 7379

promazine, ther. of psychoses, evaluation 17053

pyrathiazine 5,N'-dioxide, diuretic eff. 28289

ther. of eclampsia 18774

ther. of heart dis. (Ger) 33096

ther. of ment. disord. 47188

ther. of ment. disord., differential eff. of new prep. 47147

ther. of ment. disord., list of new deriv. (Ger) 27487

ther. of pediatric dis., indic. (Ger) 19490

19416

19419

thiasanthene analogs of pharmacologically active phenothiazines (Ger) 1581

thiazinamium ther. of spastic hypertrophic pyloric stenosis (Ger) 41583

thiopropazate HCl, AMA council report 40309

thiopropazate ther. of emotional disord. 11654

thiopropazate ther. of psychoses 52135

tranquilizing properties, analysis 50262

2-trifluoromethyl-10-[3-(1-methyl-4-piperazinyl)propyl] phenothiazine ther. of behavior disord. in ment. defective child. 48492

2-trifluoromethyl-10-[3-(1-methyl-4-piperazinyl)propyl] phenothiazine ther. of chronic psychoses 50851

2-trifluoromethyl-10-[3-(1-methyl-4-piperazinyl)propyl] phenothiazine ther. of emotionally disturbed office patients 49196

2-trifluoromethyl-10-[3-(1-methyl-4-piperazinyl) propyl] phenothiazine ther. of ment. disord. 41438

2-trifluoromethyl-10-[3-(1-methyl-4-piperazinyl)propyl]phenothiazine, ther. of psychoses 12603

2-trifluoromethyl-10-[3-(1-methyl-4-piperazinyl)propyl] phenothiazine, ther. of various forms of schizophrenia (Fr) 45546

trifluopromazine HCl, AMA council report 16665

trifluopromazine in ther. of anxiety & tension 43714

trifluopromazine, ther. of chronic ment. dis. 41084

trifluoromazine ther. of psychoses 47182

trifluopromazine ther. of psychoses, comparison with chlorpromazine 772

trifluopromazine ther. of psychoses, statist. results 47180

trifluopromazine ther. of schizophrenia & psychosis 17757

trifluopromazine ther. on skin dis. & porphyria (Sp) 43907

***therapeutic use***

autonomic NS disord., indic. & progn. (Ger) 15320

nematode infect., field trial of phenothiazine prep. in feedlot cattle 4627

nematode infect. in sheep 30356

nematode infect. of yearling cattle on winter pastures 12739

potentiation of succinylcholine prolonged drip infusion anesth. in female genital surg. (Ger) 34594

***PHENSUXIMIDE*** *see* ANTICONVULSANTS

***PHENTOLAMINE*** *see* SYMPATHOLYTICS

***PHENURONE*** *see* ANTICONVULSANTS

## PHENYL CARBAMATES

isopropyl carbanilate & isopropyl m-chlorocarbanilate induction of skin tumors in mice after oral admin. combined with skin painting by croton oil 25997

***PHENYL THIOCARBAMIDE*** *see* THIOCARBAMATES

## PHENYLACETIC ACID

***effects***

2,4-D on leaf accumulation of atropine-type alkaloids in Datura stramonium & tomato Lycopericon esculentum, stimulatorous treatment of plants with atropine 16723

***related compounds***

p-biphenyl-butyric acid, anticholesteremic agent (It) 46750

3-(4-biphenylyl)-butyric acid eff. on cholesterol & fatty acid synthesis in rats 36564

2,4-D eff. on thyroidal radioiodine uptake in rats 35372

2,3-, 3,6-dichloro & 2,3,6-trichloro deriv. of phenylacetic acid, herbicidal activity 19644

α,α-dimethyl-phenylacetic acid, choleretic action (Fr) 42016

diphenyl acetic acid 3-tropyl ester, eff. on intraocular pressure & pupil dilatation in dogs (Rus) 32566

4,4-diphenylbutyric acid on cholesterol & fatty acid biosynthesis in isolated perfused liver 49368

diphenylethylacetic acid, eff. on radiation-induced increase of lipid biosynthesis in rats (It) 13965

homogentisic acid form. by enzymic oxidation of p-hydroxyphenylpyruvic acid in liver homogenates (Ger) 49908

homogentisic acid interaction with chondroitin sulfate in alkaptonuria spectrophotometry 36917

homogentisic acid, kinetics of auto-oxidation 13411

o-hydroxyphenylacetic acid excretion after phenylalanine admin. in carriers of phenylketonuria 31353

iodo- & diiodo- deriv., synthesis (It) 37295

phenylbutyric acid eff. on changes in lipid metab. induced by radioiodine in rats (Ger) 37881

phenylbutyric acid inhib. of acetyl phosphate form. in acetic acid - ATP transphosphorylation catalyzed by acetyl kinase of E. coli (It) 1959

phenylbutyric acid ther. of atherosclerosis, comparison with heparin (It) 6793

phenylethyl-acetic acid, eff. on form. of acyladenylic acid (It) 1960

## PHENYLALANINE

***see also*** DOPA

***see also*** PHENYLPYRUVIC OLIGOPHRENIA

eff. of horse-radish peroxidase on phenylalanine & its iodo- & hydroxy- deriv. (Fr) 26298

***in urine***

phenylketonuria 30157

phenylketonuria, diag. & ther. (Ger) 19008

***metabolism***

o-hydroxyphenylacetic acid excretion after phenylalanine admin. in carriers of phenylketonuria 31353

incorporation into proteins of rat kidney & liver in vitro, eff. of testosterone & 4β-chlorotestosterone (It) 32591

incorporation into proteins of regen. rat liver, eff. of homologous plasma admin. (It) 1908

phenylalanine hydroxylation cofactor in phenylketonuria 44952

phenylketonuria, phenylalanine-tyrosine ratio in detection of heterozygous carrier 5379

***related compounds***

p-bis-(2-chloroethyl) aminophenylalanine, anti-tumor activity of optic isomers (Rus) 37188

p-bis-(β-chloroethyl)aminophenylalanine, eff. on exper. sarcoma, radioautography (Rus) 7788

p-bis-(β-chloroethyl)amino-phenylalanine perfusion of isolated tumor-bearing area in metastatic melanoma of leg 40318

eff. on Saccharomyces cerevisiae growth (Rus) 1738

p-fluorophenylalanine, eff. on chick embryos 4980

p-fluorophenylalanine incorporation by resist. mutant of E. coli, kinetics 4726

pyridylalanines, prep. (Ger) 13366

sarcolysin, eff. on splenic tumor tissue nucleic acid & radiophosphorus inclusion (Rus) 55397

## PHENYLBUTAZONE

local tolerance (Sp) 8887

tox. & tolerance in child. (Fr) 7511

***administration***

with anticoagulants, retarding eff. (Nor) 54984

***effects***

anti-exudative eff. of phenylbutazone & γ-ketophenylbutazone, reversal by aminopyrine (Cs) 48608

anti-inflamm. eff. on formaldehyde edema of rat paw in thyroxin-treated rats, eff. of aprobarbital (Ger) 49341

antiphlogistic eff. in edemas induced by various chemicals in rat paw (Ger) 36931

antiphlogistic eff. on formalin edema in hypothyroid rats (Ger) 39244

biol. & endocrine action (Sp) 8889

induction of exper. myocardial insuff., eff. on phosphate metab. in situ & heart-lung prep. studies (Ger) 30545

induction of gastric ulcers in rats, protection factors (Fr) 32937

mechanism of action in rats (Ger) 6071

on excretion of aldosterone (Ger) 41749

on exper. arthritis & on blood polysaccharide/protein ratio in rats 31297

on gastrointestinal mucosa 46929

on pituitary-adrenal cortex funct. & on metab. of 17-hydroxycorticosteroids 13631

on response of blood coagulation to histamine-liberators & heparin, in dogs (Fr) 36796

***in blood***

eff. of prednisone (Ger) 9518

***injurious effects***

acne necrotica 37742

agranulocytosis (It) 53763

agranulocytosis, case report (Dan) 10633

irgapyrin inject. causing abscess or infiltrates, medicolegal responsibility of physician (Ger) 29472

peptic ulcer during rheum. arthritis ther. in patient with achlorhydria, case report 36256

side eff. in ther. of rheum. arthritis (Pol) 53158

stomach dis. in rheum. ther. (Fr) 10288

***related compounds***

acetylated glucoside, synthesis & properties (Ger) 3476

p-aminobenzoic acid-aminopyrine-1,2-diphenyl-3,5-pyrazolidinedione prep., ther. of rheum. arthritis (It) 3729

1,2-diphenyl-4-(2-phenylsulfinyl-ethyl)-3,5-pyrazolidinedione as uricosuric agent in ther. of gout 38913

1,2-diphenyl-4-(2-phenylsulfinyl-ethyl)-3,5-pyrazolidinedione ther. of gout 13302

phenylbutazone salts, pharmacol. & eff. of admin. with vitamin C (It) 49416

uricosuric activity in analogues, relation to acid dissociation constant 19667

***therapeutic use***

acute gouty arthritis & synovitis, eff. on synovial membrane histol. (It) 31779

arthritis, with prednisone (Ger) 11061

asthma, lymphatic dis., & rheum., with prednisone (Ger) 10295

cancer, analgesic eff. (Sw) 10194

contraindic. (Ger) 53315

coronary thrombosis, with anticoagulants (Ger) 46032

dysmenorrhea 14713

eye inflamm. (Ger) 19042

hemorrhoids 41000

internal dis., use alone & with aminopyrine (Ger) 13642

irgapyrin at onset of premature labor (Ger) 11467

irgapyrin in eye dis. (Sp) 15506

irgapyrin in influenza (Ger) 22175

irgapyrin in thromboses & thrombophlebitis (Pol) 30848

iridocyclitis (Rus) 22565

movement disord., with prednisone (Ger) 8869

phenylbutazone & gold sodium thiosulfate in chronic ulcerative colitis with arthritis 19914

phlebitis (Ger) 33913

phlebitis, superficial (Fr) 32403

prev. of recur. of rheum. fever in child. (Ger) 6017

prev. of thromboembolism in surg., alone & with acenocoumarol (Ger) 54870

puerperal phlebothrombosis (Ger) 46289

pulm. moniliasis (Ger) 10299

pulm. tubere., antipyretic eff. (Ger) 6727

rheum. 14683

rheum. (Por) 51643

rheum. & joint dis., comparison alone & with aminopyrine & with 1,4-diphenyl-3,5-pyrazolidinedione with 4-aminoantipyrine (Ger) 36953

rheum. arthritis 35215

rheum. arthritis, eff. on fibrinogen fraction (Ger) 23089

rheum. arthritis, hematol. (Ger) 35220
rheum. arthritis, with basic aluminum glycinate & prednisone 50660
rheum. dis. (Ger) 6725
rheum. dis., with 4-aminoantipyrine (It) 52096
rheum. in essential hypertension 13300
rheum., with prednisone (Ger) 9539
shoulder pain (Por) 16148
spondylitis, ankylosing (Dut) 49768
temporal arteritis 18462
thrombophlebitis 36381
thrombophlebitis (Heb) 3977
thrombophlebitis (It) 26589
thrombophlebitis, eff. on blood coagulation (Ger) 12087
thrombophlebitis, evaluation (Ger) 39536
thrombophlebitis, postop. prev. (Ger) 22880
thrombophlebitis, prev. & ther. after labor & gyn. surg. (It) 21489
typhoid fever, alone & with chloramphenicol, comparison 25127

***toxicity***
possible toxic eff. on hemopoietic system of assoc. of phenylbutazone with aminopyrine, negative results (Por) 21075
viral meningoencephalitis, with cortisone & tetracycline (It) 44331

***PHENYLEPHRINE*** *see* SYMPATHOMIMETICS

**PHENYLETHYLAMINES**

*see also* AMPHETAMINE
*see also* EPHEDRINE
*see also* EPINEPHRINE
*see also* MESCALINE
*see also* SYMPATHOMIMETICS
*see also* TYRAMINE
1-amino-1-phthalidyl-alkanes, prep. & pharmacol. (Ger) 1324
chromatographic determ. of adrenalone in presence of phenylethylamines (Ger) 7974

***effects***
chlorophenethylamine antiadrenergic activity in relation to stability of ethyleneimmonium ring formed in vitro 31403
1-o-chlorophenyl-1-phenyl-3-dimethylaminopropanol on exper. cough (Ger) 13647
1-o-chlorophenyl-1-phenyl-3-dimethylamino-propanol ther. of cough (Ger) 32975

***metabolism***
phenylalkyl- & phenylalkanolamines, review (It) 49410

***therapeutic use***
1-o-chlorophenyl-1-phenyl-3-dimethylaminopropanol in cough (Ger) 51833

**PHENYLHYDRAZINE**

***effects***
induction of anemia & cardiac hypertrophy in rats, mechanism 15003
metabolites & detoxification of phenylhydrazine & phenylhydrazones in rabbits 37075

***PHENYLKETONURIA*** *see* PHENYLALANINE

***PHENYLKETONURIA*** *see* PHENYLPYRUVIC OLIGOPHRENIA

***PHENYLPROPANOLAMINE*** *see* SYMPATHOMIMETICS

**PHENYLPYRUVIC ACID**

determ. by colorimetric method & application in dietary ther. of phenylpyruvic oligophrenia 44886
p-hydroxyphenylpyruvic acid as precursor of lignin in plants 48443

***related compounds***
p-hydroxyphenylpyruvic acid enzymic oxidation to homogentisic acid in liver homogenates (Ger) 49908

**PHENYLPYRUVIC OLIGOPHRENIA**

(Cz) 14869
(Ger) 13085
diag. & ther. (Ger) 19008
review (Fr) 31055

***case reports***
(Ger) 30095
in brother & sister (Ger) 30050
unusual case 51053
with craniolacunia 38095

***experimental***
phenylketonuria with decreased temporal discrimination learning in rat 19554

***therapy***
cortisone, case report 14564
dietary control of phenylketonuria, need for early ther 2218
dietary ther. to decrease urinary phenylpyruvic acid levels 44888
phenylalanine-restricted diet in child 16545
review 16544

***urine in***
o-hydroxyphenylacetic acid excretion after phenylalanine admin. in carriers of phenylketonuria 31353

***PHENYTOIN*** *see* HYDANTOINS

**PHEOCHROMOCYTOMA**

bladder 37669
diag. & surg. (Ger) 385
diag. & ther. 12255
32512
diag. & ther. (Rus) 41497
histochem. of tumor tissue & case report (Fr) 44624

***case reports***
25678
(Rus) 45604
(Ser) 21943
25292
bladder, in teen-age girl, unusual case 33106
clin. picture & pathol. anat. (Rus) 45141
extra-adrenal (Sw) 43222
intrathoracic, including case of multiple paraganglioma of funct. & nonfunct. type 18128
intrathoracic pheochromocytoma 5868
of long duration 6453

***complications***
diabetes mellitus & glycosuria 9486
hypertension, diag. & surg. (Pol) 53183
paroxysmal hypertension, surg., case report (Fr) 6324
plasma cell myeloma with maxillary myelomatous epulis 7674

***diagnosis***
kidney biopsy & funct. tests 35696
urinary catechol amine analysis, rapid quantitative method for chem. determ. 41797
various tests 29319
x-ray (Fr) 41403

***in pregnancy***
50987

***manifestations***
adrenalin shock, ther., intravenous phentolamine, case report 3229
anxiety, case reports 11640

***metabolism***
arterenol biogenesis & metab. 50453
catecholamines, urinary excretion 39726
ECG (It) 25633
isolation of pressor substances from surg. specimen, physicochem. analysis (Fr) 37849

***physiology***
physiopathol., review (Fr) 51468

***surgery***
(Rus) 41517
case report (Sp) 44394
transabdom. approach 36319

**PHILOSOPHY**

*see also* LIFE
Descartes, René, med. concepts in philosophy (Dut) 52494
eff. of English philosophical writings on Freud's theories 40154
form. of world view, relation to personality structure (Fr) 15809
med. concepts in Descartes' philosophy (Dut) 52494
psychophys. problem (Ger) 32271
pursuit of pleasure & happiness (Ger) 19040
religious symbolism in philosophy of Spinoza 28040
science, faith & human nature, review 30486
Stahl's theory of animism & Pietist movement of University of Halle, eff. on med. & 17th & 18th centuries (Ger) 27574
teleology & biol. investigation (Por) 53200

**PHIMOSIS**

***surgery***
circumcision with dorsal incision (Sw) 43190
postop. reactive psychosis & toxiinfect. confusional state (It) 32168

**PHLEBITIS**

*see also* PERIPHLEBITIS
*see also* THROMBOPHLEBITIS

***case reports***
migratory polyphlebitis assoc. with mesenteric thrombosis 12301

***complications***
postphlebitic leg ulcer, surg. 5352
postphlebitic synd. (Cz) 38130
post-phlebitic synd., anat. & pathol. of deep veins of leg (Por) 13588
post-phlebitic synd. & chronic venous insuff. 50805
post-phlebitic synd., surg. indic. & technics 9833
postphlebitic synd., ther., ancillary care 54782
surg. (Fr) 11061

***etiology and pathogenesis***
pyrrolizidine alkaloid pois. causing endophlebitis of portal veins (Ger) 55638

***experimental***
eff. of emetine (Cz) 48610

***in pregnancy***
case report (Fr) 26228

***surgery***
(Bul) 28750

***therapy***
naturopathy (Ger) 38957
phenindione (Fr) 43808
phenylbutazone (Ger) 33913
phenylbutazone in superficial phlebitis (Fr) 32403
α-tocopherols in chronic phlebitis & post-phlebitic synd. 48503

***PHLEBOGRAPHY*** *see* ANGIOGRAPHY

**PHLEGMON**

*see also* ABSCESS
*see also* CELLULITIS
stomach (Rus) 32567
stomach, acute & chronic, pathol. & surg. (Ger) 34545
stomach, clin. aspects (Rus) 5989
stomach, surg. & long-term results (Rus) 6005

***etiology and pathogenesis***
appendicitis causing perinephritic phlegmon, case report (Fr) 31966
femoral hernia with fistulization, surg., intra-abdom. resection (Fr) 51374
Pasteurella infect., diag. & ther. (Ger) 52262

***in infant and child***
caused by Neisseria crassa, with peritonitis (It) 29740

**PHLORHIZIN**

***effects***
inhib. of glucose transport in kidneys in dogs 12541
on intestinal transfer of glucose & water in vitro 51088
on mitochondria, swelling eff. & uncoupling of oxidative phosphorylation (Ger) 49914
on phosphate uptake by erythrocytes in vitro 3454

***PHOBIAS*** *see* NEUROSES, OBSESSIVE-COMPULSIVE

**PHONETICS**

*see also* VOICE
mechanical prod. of artif. speech, review 5824
palatization of consonants in English (Fr) 5800
phonetic problems in full dent. prosth. 55807
preop. & postop. phonetic research in surg. of cleft palate, methods & value (It) 29581
syllabic & phonetic structure of infants' early words 5845

***PHONOCARDIOGRAPHY*** *see* CARDIAC MURMURS AND SOUNDS

***PHORIAS*** *see* STRABISMUS

**PHOSPHATASES**

*see also* ADENYLPYROPHOSPHATASE
acetyl & carbamyl phosphatases, purification from brain tissues & properties 1696
acetyl phosphatase of rat liver & musc., eff. of thyroxin on enzyme activity 13771
acid, activity in magnocellular nuclei of hypothalamus of cow embryo 35090
acid & alkaline in placenta in normal & pathol. cond. (Rus) 46828
acid & alkaline phosphatase & 5-nucleotidase, in fetal goat & human cardiac skeletal musc. 46350
acid & alkaline phosphatase in liver of rats fed p-dimethylaminoazobenzene, electrophoresis 49666
acid, content in hypothalamus of rats, eff. of serotonin admin. 39255
acid, during endochondral ossification (Fr) 26717
acid, evidence for different active groups for hydrolytic & transphosphorylating activities 37123
acid, in silicotic granuloma in rabbits, histochem. determ. of acid phosphatase activity (Fr) 26763
acid phosphatase in epididymis of normal, castrate & hormone replaced castrate mice 12920
acid phosphatases in endochondral ossification in mice, rats & man (Sp) 8984
acid, phylogenetic distribution inhibited by tartaric acid 52318
actions of alkaline phosphatases on cholesterol, 7-dehydrocholesterol & vitamin D3 phosphates (Ger) 27884
adenosinemonophosphatase activity in various skeletal tissues & in synovial fluid in vitro (It) 37362
alkaline & acid phosphomonoesterases in tissue specimens, eff. of histochem. procedures on activity 6114
alkaline, in cancer cells cultured in vitro, relation to cell surfaces (Ger) 3504
alkaline phosphatase activity in fat body of desert locust, histochem. determ. 52457
alkaline phosphatase, constant-antigen precipitation reaction 40009
alkaline phosphatase from swine kidneys, prep. & properties of highly purified enzyme 19252
alkaline phosphatase in bone calcification process, histochem. relation, review 35287
alkaline phosphatase in exfoliated endometrium during menstrual cycle (Fr) 3130
alkaline phosphatase in liver of cattle near time of parturition 50472
alkaline phosphatases in mammary gland, eff. of methylcholanthrene in inhib. of exper. mammary tumor transplants in rats (It) 21444
dialkylfluorophosphatase from hog kidney, differentiation from acylase I 16911
diphosphopyridine nucleotidase, eff. of pyridine deriv. on activity in animal tissue 40556
diphosphopyridine nucleotidase from streptoc., exper. induction & natural occurrence of neutralizing antibodies of this enzyme 4990
fructose-1,6-diphosphatase, substrate specificity (Sp) 8859
glucose-6-phosphatase activity in liver of pregn. rats 35739

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

glucose-6-phosphatase adaptation in rats, eff. of dietary ratio of ethionine & methionine 28236

glucose-6-phosphatase inhib. by 2-benzenesulfonamido-5-alkyl-1, 3, 4-thiadiazole deriv. 50260

hexosephosphatase in liver of dystrophic inf., relation to glycogen content (Por) 40230

histochem. reactions in relation to protein synthesis 3485

hydrolysis of Δ5-androstene-3β-ol-17-one phosphate (Ger) 25896

in blood & liver, eff. of interruption or section of common bile duct & partial or total hepatectomy (It) 36965

in blood cells & bone marrow in leukemia & hypoplastic anemia (Rus) 6043

in CNS, histochem. distribution in rat 15686

in exper. caustic lesions of esophagus, eff. of cortisone (It) 1976

in hepatoma & normal liver in rats (Ger) 23604

in Micrococcus pyogenes aureus, relation to penicillin-resist. (Ger) 34461

in peripheral nerves during exper. wallerian degen. (It) 37393

in rat liver, eff. of tolbutamide 49993

in sturgeon embryonic develop., relation to aerobic glycolytic resp. (Rus) 1724

in uterus of castrated rabbits, mu. of estradiol & progesterone 35116

influence of structure of monophosphates on velocity of hydrolysis by acid & alkaline animal phosphatases & on optimal pH of cleavage (Ger) 47678

5'-nucleotidase from Clostridium sticklandii extracts, activation by ferrous ion 40554

5-nucleotidase, review (Pol) 30887

phosphomonoesterase, alkaline, in primordial ovarian follicle & in various phases of estrus cycle in goats (It) 37161

phosphomonoesterase, alkaline, in renal tissue of rats, eff. of fasting & glucose admin. (It) 37153

phosphomonoesterase of Aerobacter aerogenes, isolation & purification (Fr) 37850

O-phosphoserine phosphatase from chicken liver, purification & properties 40553

O-phosphoserine phosphatase from Saccharomyces cerevisiae, purification & properties 28261

phytase activity in legumes 4962

phytase in E. coli & wheat grain (Fr) 26315

prostatic acid phosphatase, role of polyaryl phosphates as substrates 4773

prostatic acid phosphatases, eff. of hyperdos. on male genital appar. & specifically on prostate in rats (It) 14018

pyrophosphatases of bone 49323

specificity of animal alkaline phosphatases, influence of divalent metal ions & complexing agents on hydrolysis of mono- & di-esters (Ger) 49895

thiaminpyrophosphatase,acid, from Saccharomyces cerevisiae, isolation & properties (Fr) 38671

thiaminpyrophosphatase activity of Saccharomyces cerevisiae in relation to its vitamin B1 requirements (Fr) 38644

thiaminpyrophosphatase activity of Saccharomyces cerevisiae strains (Fr) 38657

transphosphorylase activity of phosphatases, comparison of enzymic catalysis by acid phosphatase with non-enzymic catalysis at acid pH values 13713

transphosphorylase activity of phosphatases, determ. by spectrophotometry of phosphate esters & other cpds. 13711

transphosphorylase activity of phosphatases, reactions of purified alkaline phosphomonoesterases & substrate-specific phosphatases 13712

***antagonists***

alkaline phosphatase inhibitor from extracts of normal male urine 27371

***deficiency***

hypophosphatasia 4804

***determination***

(Dan) 22428

acid phosphatases, histochem. demonstration with naphthol AS-phosphates 5436

acid phosphatase in semen, prep. of stable test reagent 29833

alkaline, demonstration in presence of periodic acid-Schiff positive material 21973

alkaline, histochem. determ. in connective tissue during wound healing, comparison in cats & rats 16785

alkaline, in exper. wds. during healing & fiber form. in cats 22314

alkaline phosphatase determ. by calcium phosphate precipitation method 3769

alkaline phosphatase, modified Takamatsu-Gomori method (Sp) 25665

5'-nucleotidase in plasma membrane of rat liver cells, localization by electron microscopy 40583

phosphomonoesterases, quantitative histochem. estimation in fresh frozen tissue sections 17384

staining, combined alkaline phosphatase & periodic acid-Schiff reaction 33631

***effects***

alkaline, on histamine-induced intestinal malabsorp. of glucose in rat (Fr) 13460

diphenyl-phosphorochloridate inhib. of chymotrypsin with liberation of phenol 47969

phosphodiesterase from Micrococcus pyogenes aureus on tobacco mosaic virus nucleic acid 29815

***in blood***

acid, determ. of high concentrations 4895

acid, eff. of prostatic massage on levels 44887

acid in prostate cancer, eff. of methacholine stimulation 14748

alkaline, assay technic (Por) 39982

alkaline, eff. of bovine somatotropin in man (It) 37412

alkaline, eff. of prednisone & testosterone (Ger) 34152

alkaline, in exper. cholestasis & obstruct. jaundice (Sp) 33913

alkaline phosphatase of leukocytes, diag. value of test in myeloproliferative dis. 12272

alkaline phosphatase of mature neutrophils in chronic forms of myeloproliferative synd. 12271

alkaline phosphatase-transaminase ratio, differ. diag. value in hepatocellular jaundice & extrahepatic obstruct. jaundice 18455

alkaline, relation to vitamin C metab. (Rus) 55295

correlation with blood proteins, electrophoresis (Fr) 44611

during menstrual cycle & eff. of estradiol benzoate & progesterone (Ger) 25210

eff. of carbon tetrachloride & dichloroethane in rabbits (Rus) 33327

eff. of fluorine ions in rabbits (Rus) 33337

eff. of vitamin A loading on levels in various dis. (It) 48130

erythrocyte phosphate esters in galactosemia 15049

in congestive heart failure & liver cirrhosis, eff. of acetazolamide (Sp) 36528

in keratoconjunctivitis (Cs) 21576

in kidney dis., diag. value (It) 54218

in mongolism, comparison with other forms of ment. retardation 17759

in newborn inf., cytochem. study on activity of alkaline phosphatases in leukocytes (Ger) 27450

in postcholecystectomy synd., diag. value 11881

leukocyte alkaline phosphatase, in normal & pathol. conditions, determ. by modified azo-dye cytochem. technic 36039

5'-nucleotidase 35655

platelets as source of acid nitrophenylphosphatase 50462

prostatic phosphatase determ. 29296

pyrophosphatases in normal persons (Dut) 52518

***in cerebrospinal fluid***

acid, in meningitis & brain abscess (Rus) 10765

acid, in various types of meningitis (Rus) 34712

***in urine***

acid phosphatase as sign of maturity in adolescent boys (Ger) 6090

## PHOSPHATES

*see also* CRESYL PHOSPHATES

*see also* GLYCEROPHOSPHATES

*see also* HEXOSEPHOSPHATES

*see also* PENTOSEPHOSPHATES

*see also* PYROPHOSPHATES

Δ5-androstene-3β-ol-17-one phosphate synthesis, hydrolysis by phosphatases & β-glucuronidase (Ger) 25896

apatite, stability in various media (Fr) 26343

apatite, structural hypotheses (Fr) 26343

calcium phosphate precipitation method in determ. of alkaline phosphatases 3769

calcium phosphate with Ca/P ratio of 2.14, isotonic exchange of calcium with radiocalcium, reversibility & eff. of aging of solid (Fr) 26331

cyclic glycol phosphate, transesterification reactions with 2 amino alcohols 49361

O, O-dimethyl-S-(2-ethylthioethyl)-dithiophosphate metab. in plants & determ. in spraying residues (Ger) 42829

localization of components carbon dioxide in bone & teeth salts by radioisotope methods (Fr) 26344

non-enzymic transphosphorylation between orthophosphate & adenylpyrophosphate catalysed by bivalent metal ions 13726

organic phosphorus cpds. as residual treatments for adult mosquito control 47259

organic phosphorus cpds., correlation of infrared absorp. with molecular structure 11532

phosphagens & related guanidines, biochem., review 20342

phosphoprotein binding of alkali-metal ions, eff. of pH & cation concentration 1389

precipitated apatitic phosphates, structure 7227

transesterification reactions of cyclic glycol phosphate with 2-amino alcohols 49361

tricalcium phosphate, isotonic exchange of calcium with radiocalcium (Fr) 26332

***determination***

dimethyl-p-nitrophenyl-thiophosphate, maximum permissible concentration in water reservoirs (Rus) 49787

in intestinal juice (Rus) 33558

in tablets, uniformity of distribution, radioactive tracer technics 4556

in uterus 13730

insecticide prep., cholinesterase technic (Rus) 22655

orthophosphate determ. in presence of phosphoric acid esters, comparison of colorimetric methods (Fr) 37848

orthophosphate separation from phosphocreatine in tissue extracts by two-dimensional paper chromatography (Ger) 47929

orthophosphates in presence of phosphate esters, ultraviolet colorimetry at various pH levels (Fr) 36328

orthophosphoric acid determ. by acidimetric & iodometric methods (It) 48104

phosphoserine in liver phosphorylase 4751

polyphosphates, inorganic, presence in lower organisms (Fr) 3488

polyphosphates, inorganic, relation of chain length to metachromatic reactions & coloration with methyl green & pyronine (Fr) 3486

polyphosphates, inorganic, specific cytochem. methods (Fr) 3487

sedoheptulose-7-phosphate, color reaction & spectrophotometry (Ger) 25900

***effects***

alkaline polyphosphates on blood lipoprotein lipase in rabbits (Fr) 37843

alkyl phosphate-inhib. of cholinesterase, rate of reactivation by pyridine aldoximes & related cpds. 13390

aminoethylphosphoryl choline & β-aminoethyl phosphate protective eff. against phenol inhib. of Saccharomyces cerevisiae (It) 39318

aminoethylphosphoryl choline, protective eff. in exper. phosphorus & carbon tetrachloride pois. (It) 3542

calcium phosphate salt feeding on dent. caries incidence & on calcium & phosphorus contents of saliva & femurs in rats 17210

caries-inhibiting eff. of dibasic sodium phosphate & dibasic calcium phosphate added to wheat flour & bread diets 40234

diethylmercaptosuccinic acid 0, 0-dimethyldithiophosphate & malathion on mosquitoes, comparative field trials of residual eff. with DDT 4166

diethylmercaptosuccinic acid 0, 0-dimethyldithiophosphate on Musca domestica, lack of resist. after prolonged spraying (It) 53817

induction of myocardial infarct, with phosphates, role of blood pressure (Ger) 33991

inorganic phosphates on hexose phosphate metab. in ascites tumor cells in vitro 21714

inorganic polyphosphates on viscosity & dissociation of actomyosin solutions (Ger) 46570

intracisternal inject. of acid phosphate buffer inducing demyelinization of spinal cord in dogs (Hun) 16277

isopropyl methylfluorophosphate bronchoconstriction in guinea pigs (Fr) 15116

isopropyl methylfluorophosphate on cardio-inhibitory, vasomotor & resp. centers of vascularly isolated dog head 47743

isopropyl methylfluorophosphate potentiation of frog rectus abdominis musc. response to acetylcholine, eff. of pyridine-2-aldoxime methiodide 14129

isopropyl methylfluorophosphate vapor in dogs after chronic exposure 34863

monobasic sodium phosphate inducing infarct-like myocardial necrosis in monkeys, with hydrocortisone, differentiation from true cardiac infarct 11616

myocardial necrosis induction in rats (Hun) 41620

on growth of Tribonema aequale alga in pure culture 25303

on resorption of isolated perfused frog kidney (Ger) 30499

phosphate concentration on binding of calcium to casein 1350

potassium phosphate on organic acids of cultures of tobacco leaves 40481

prod. of exper. myocardial infarcts in combination with steroids in rats 27353

superphosphate of lime, bacteriostatic & bactericidal eff. (Fr) 26906

systemic insecticides with thioether group, biochem. mechanism of action in hematothermal animals (Ger) 29911

***in blood***

during menstrual cycle & eff. of estradiol & progesterone (Ger) 25211

eff. of adenosine on metab. in swine erythrocytes 1377

erythrocyte uptake, eff. of vitamin B1 (Ger) 23619

erythrocytes, determ. by paper chromatography with radiophosphorus-labeled orthophosphate (Ger) 30504

hypophosphatemia due to glomerular & tubular renal insuff. causing rickets 51049

inorganic, pH dependence of exchange in erythrocytes (Ger) 25883

inorganic phosphates in mongolism, comparison with other forms of ment. retardation 17759

sedoheptulose-7-phosphate identification among metabolites of ribose-5-phosphate in human erythrocytes (It) 25641

uptake by erythrocytes, eff. of phlorhizin in vitro 3454

*in urine*

apatite, brushite & struvite content at various pH, relation to calculi form. 5937

calcium phosphate in urine, solubility, eff. of citrate 18154

eff. of age factor in rats 27569

eff. of bovine somatotropin in man (It) 37412

eff. of epinephrine & arterenol, relation to renal circ. dynamics (It) 3853

eff. of glucagon & insulin (Ger) 39897

in kidney calculi, excretion in calcium stones of renal origin 3142

inorganic, excretion in med. nephropathies (It) 16026

tricalcium phosphate solubility in urine, eff. of particle size & amount of solid phase 5925

***metabolism***

alga Hydrodictyon reticulatum (Ger) 25312

aminoethyl phosphate, distribution in various tissues & enzymatic degradation 44144

availability to turkey poult & chick, eff. of ash of unidentified growth factors 5546

Azotobacter agilis (Rus) 19104

brain uptake eff. of chlorpromazine in normal adrenalectomized, hypophysectomized & burned rats 26992

carnosine phosphate as phosphate donor in musc. contraction 19491

cholesterol, 7-dehydrocholesterol & vitamin D3 phosphates, action of alkaline phosphatases (Ger) 37884

determ. in myocardium, skeletal musc. & liver of squirrels during hibernation & after arousal 12524

O,O-diethyl-S-2-diethylaminoethylphosphorothiolate destruction by liver homogenates in vitro 48489

dimethyl 2,2-dichloro-1-methoxyvinylphosphate, enzymatic breakdown in detoxication reactions (Ger) 36577

dynamics of diaplacental exchange of inorganic phosphate (It) 13113

E. coli, eff. of streptomycin 1374

E. coli, incorporation into ribonucleic acid & other cpds. in fractions of E. coli obtained by centrifugation & chem. means 37076

eff. of carnosine on phosphorylation with glycolytic oxi-reduction (Rus) 1722

eff. of damage to various parts of renal tubules on phosphate excretion in dogs 48451

erythrose phosphate, tentative identification in photosynthetic cells & role in photosynthetic carbon cycle 47736

heptosephosphate form. from hexosephosphates in rat liver homogenates, enzyme mechanisms (Fr) 26336

high energy phosphate content of myocardium under various exper. cond. which alter contractile strength 17942

high-energy phosphates, electron distribution & transfer of energy from catabolism to anabolism 47947

hydrolyzed orthophosphate in vasc. wall of stomach in peptic ulcer & gastric cancer (Rus) 33605

in vitamin E defic., in guinea pigs, incorporation of radio-phosphorus into organic phosphates of anterior pituitary gland 23826

influence of structure of monophosphates on velocity of hydrolysis by acid & alkaline animal phosphatases & on optimal pH of cleavage (Ger) 47678

inorganic, role of inorganic phosphate - ATP exchange in oxidative phosphorylation & eff. of various cpds. in rat liver mitochondria 1557

intestines, eff. of 2,4-dinitrophenol & thyroxin on transport across isolated intestinal wall (Ger) 25881

isopropyl methylfluorophosphate penetration into skin of rabbits, measurement of rate 28436

M. tuberc., multiplication of intracellular phosphate granules (Ger) 34491

M. tuberc., uptake & enzymatic hydrolysis, radiophosphorus studies (Ger) 34060

Monilia stellatoides, eff. of nystatin on normal role of phosphate 20754

musc., incorporation into low-molecular cpds. in normal & denervated musc. (Cz) 38206

musc., radiophosphorus determ. (Ger) 30534

musc. synthesis, eff. of pregnane-21-ol-3, 20-dione succinate in dogs (It) 1924

mushrooms, extraction & analysis of condensed phosphates (Fr) 26325

myocardium, comparison in normal cond. & in exper. phenylbutazone-induced insuff., in situ & heart-lung prep. studies (Ger) 30545

nitrogen-containing phosphate ester levels in CNS & peripheral nerves of rats & hens 5471

organic thiophosphates, enzymatic conversion to anticholinesterase agents in rat liver, eff. of various factors 17941

orthophosphate, time-course of incorporation into phospholipids in rat tissues in vivo 47945

phosphoproteins in brain, eff. of chem. inhib. & irritation in animals (Rus) 37132

phosphoserine, enzymic exchange with L-serine in chicken & rat liver prep. 40552

Phycomyces blakesleeanus (Ger) 25330

polyaryl phosphates as substrates of prostatic acid phosphatase 4773

polyaryl phosphates as substrates of ribonuclease 4774

polyphosphate accumulation & utilization in synchronized cell division of Corynebacterium diphtheriae 40451

polyphosphate form. & transform. in yeasts (Ger) 25897

polyphosphates & their enzyme cleavage in Amoeba chaos (Ger) 23631

polyphosphates in x-irradiated division-inhibited yeast cells 23292

precipitates in senile aorta, histochem. localization (It) 37426

Proteus vulgaris, normal & drug-inhibited strains (Ger) 25309

renal reabsorp. disord. causing osteomalacia, vitamin D resist. 12357

sedoheptulose-7-phosphate, non-oxidative form. from fructose-6-phosphate & glucose-6-phosphate in rat skeletal musc. (It) 15677

sedoheptulose-7-phosphate, non-oxidative form. from glucose-6-phosphate in animal kidney prep. (It) 14001

sodium phosphate labeled with radiophosphorus, absorp. by gallbladder (Rus) 37168

testis uptake in chick as gonadotropin assay technic 46586

thiophosphate activation by liver microsomes & reduced diphosphorydine nucleotide 52401

transport across the intestinal wall in vitro, relation to glucose transport (Ger) 39918

vinyl phosphate synthesis from vinyl acetate & phosphoric acid 40529

***poisoning***

alkyl phosphates, detection in blood & brain tissues with pyridine-2-aldoxime-methyl iodide (Ger) 39028

anticholinesterase organic phosphate pois., manifest. & ther. by oximes 43131

insecticidal nitrothiophosphates, toxicol. determ. (Fr) 44704

insecticides, histochem. proof 11754

isopropyl methylfluorophosphate, eff. of 1-hydroxyimino-acetone in guinea pigs (Fr) 48876

isopropyl methylfluorophosphate pois. in rats, eff. of oximes 48227

isopropyl methylfluorophosphate vapor exposure of dogs, eff. of atropine by various routes of admin. in resuscitation 23297

organic phosphate insecticide pois. in swine, diag. test 4638

organic phosphate insecticide pois., screening of exposed agricultural workers by blood cholinesterase test in Louisiana 47207

organic phosphate pois. in mice, protective eff. of pyridine-2-aldoxime methyl iodide & 2-oximino-3-butanone 21712

organophosphate insecticides, ther. 21816

phosphoric ester, case reports (Ger) 11202

***preparation of***

glycolaldehyde phosphate, new method 47698

***therapeutic use***

cyclohexenyl-hydroxymethyl hypophosphoric acid-adenosine prep. in pulm. tuberc., eutrophic, tonic & strengthening eff. (It) 8053

***toxicity***

insecticidal organic phosphates, potentiation of tox. by combining 2 or more phosphates 23381

organic phosphates, subacute tox. in dogs 55001

***PHOSPHATIDES*** *see* PHOSPHOLIPIDS

***PHOSPHOCREATINE*** *see* COENZYMES

***PHOSPHODIESTERASE*** *see* PHOSPHATASES

***PHOSPHOGLUCOMUTASE*** *see* MUTASES

***PHOSPHOHEXOISOMERASES*** *see* ISOMERASES

***PHOSPHOKINASES*** *see* TRANSPHOSPHORYLASES

## PHOSPHOLIPIDS

*see also* LECITHIN

*see also* PLASMALOGEN

chem. & biochem. aspects 6261

choline component, colorimetric microdeterm. 13695

complex phospholipids, chem. 19547

content in various fat prep., relation to eff. of fat on blood coagulation 26432

ethanolamine & serine components, colorimetric determ. 13696

ethanolamine & serine components, quantitative estimation 16906

inositol phosphatide, composition (Fr) 26318, 26339

inositol phosphatide from peanuts, structural analysis (Fr) 26340

inositol phosphatide of liver, determ. of organ-specific antigenicity (Ger) 33970

α-phosphatidic & α-biphosphatidic acids, unsaturated, synthesis & ability to substitute for cardiolipin in serodiag. of syphilis 47695

phospholipid antithromboplastin from porcine brain, prep. & properties 13366

phytoglycolipide, structure determ. 40482

solubility of tissue phospholipids in acetone 47721

synthetic cephalins, identification & synthesis, comparison with lipoid activators of blood coagulation (Ger) 10335

synthetic phospholipid substances in antigens as substitutes in VDRL & Kolmer tests in syphilis, relation of chem. structure to reactivity 26389

***antagonists***

anti-cephalin in etiol. of hemophilia (It) 20816

***determination***

in purified cytochrome oxidase prep. from porcine heart 4779

in various rat tissues, quantitative & qualitative composition 47961

inositol phosphatide isolation from heart musc., technic (Fr) 26317

inositol phosphatides in bovine brain & soy bean (Ger) 47932

phosphatidic acid in animal tissues 16895

serine cephalin, separation of ionic forms by column chromatography 13792

***effects***

content of dairy products on recalcification time of human plasma in vitro 32232

induction of anaerobic energy-liberating processes in normal tissues, similarity to processes in tumor tissues (Ger) 55536

induction of hypercholesterolemia, determ. of source of excess cholesterol 12515

M. tuberc. phosphatides inducing hemagglut. (Fr) 26785

M. tuberc. phospholipids in hemagglut. reaction in various stages of tuberc., diag. value (Fr) 26892

on blood coagulation 24401

on cholesterol levels in blood of swine 44081

soybean phosphatide emulsions in parenteral infusion, eff. on erythrocyte sedimentation rate, in dogs 325

***in blood***

age, sex, genetic & environmental factors 2885

distribution in electrophoresis of blood lipoproteins in normal subjects & in atherosclerosis 50705

in coronary arteriosclerosis & myocardial infarct, correlation with cholesterol (Rus) 18294

in erythrocytes of various mammals, species differences, column & paper chromatography 13803

in exper. arteriosclerosis (Cz) 44869

in leukocytes, in healthy & leukemic subjects (Rus) 13853

in peripheral vasc. dis. (Pol) 30816

in psoriasis, determ. with lecithin loading test (Ger) 3211

isolation & quantitation of principle components of human serum with chromatography on silicic acid 13761

metab. in erythrocytes, comparative liberation in man, ox & camel 44068

platelet phospholipids, separation, identification & clotting activity 46700

turnover rates of fatty acids of phospholipids in postabortive dogs 728

***in cerebrospinal fluid***

determ., method 5272

***metabolism***

brain, long-chain fatty acid isolation from glycerophosphatides of ox brain (Ger) 5481

brain, long-chain polyenoic acids in glycerophosphatides of ox brain (Ger) 5482

cation content of phospholipids from swine erythrocytes 17317

eff. of 3-(4-biphenylyl)-butyric acid in rats 15016

eff. of 4-cholestenone in chicks 31436

gallbladder, absorp. of radiophosphorus labeled prep. (Rus) 37168

glycerophosphatide synthesis from radiocarbon-labeled precursors in rat brain slices 14627

heart of oxen, separation & composition 25866

incorporation of carbon-14-labeled serine in rat liver mitochondria in vitro 52349

incorporation of orthophosphate, time-course in rat tissues in vivo 47945

inositol phosphatide, enzymic synthesis 26243

liver, incorporation of diethanolamine in rat liver 16902

liver, inhib. of synthesis by vanadium in rats 7216

liver metab. during regen. after partial hepatectomy in rats (It) 32590

myocardial cell fractions of pigs 4744

myocardial levels in ethionine-treated rats (It) 1915

nerves, eff. of electric stimulation on phosphorus turnover in isolated frog sciatic nerves 5493

nerves, peripheral, acetic acid incorporation in wallerian degen. of cat nerves in vitro 41207

phosphatidic acid, eff. of acetylcholine on exchange of phosphate in guinea pig brain microsomes 16900

phosphoinositide, eff. of acetylcholine or exchange of inositol & phosphate in guinea pig brain cortex slices 16899

phosphoinositides, relation to protein secretion in pigeon pancreas slices 16896

relation to epinephrine secretion by guinea pig adrenal medulla 16898

relation to form. & release of ACTH from rat anterior pituitary gland & hormones from rat adrenal cortex 16897

serine cephalin from beef brain tissue, purification, identification & potent thromboplastic activity of serine cephalin - lecithin prep. 28240

sphingomyelin, enzymatic synthesis 40483

syathesis by aorta & liver, eff. of cholecystic extract in rats (It) 14019

*therapeutic use*

amino-phospholipid-vitamin B complex prep. for distintoxication in chronic alcoholism (Fr) 35614

*PHOSPHOMONOESTERASE see* PHOSPHATASES

*PHOSPHOPYRIDINE NUCLEOTIDE see* COENZYMES

## PHOSPHORUS

diphenyldithiophosphinic acid addition to unsaturated cpds. (Ger) 13370

*deficiency*

dietary defic. in rural areas of Belgian Congo (Fr) 36189

idiopathic, in familial vitamin-resist. rickets, relation to calcium metab., calcium gluconate perfusion test (Fr) 44613

*determination*

colorimetric determ. of inorganic phosphorus in presence of glucose-1-phosphate & adenylpyrophosphate 29863

content of tobacco mosaic virus 47712

in digestive juices (Rus) 22648

separation of phosphorus cpds. in acid-soluble fraction of bovine retina 49331

ultraviolet spectrophotometry (Fr) 36327

*effects*

on epiphyseal histol. in rachitic rats (Ger) 30612

organic phosphorus cpds. as residual treatments for adult mosquito control 47259

organic phosphorus cpds., nematocidal activity against Strongyloides stercoralis infect. in dog 40410

organo-phosphorus cpds., inhib. of enzymes, nature of reactive serine residue 19573

organo-phosphorus cpds., inhib. of esterases, mechanism of action 19574

*in blood*

cholesterol/lipid phosphorus ratio in rats, eff. of food fats 4179

defic. causing vitamin-resist. rickets (Sp) 43870

determ. (Ger) 22639

determ. in acid-soluble fraction of blood by paper chromatography, comparison of values in child. & adults (Ger) 37894

eff. of bovine somatotropin in man (It) 37412

eff. of carbutamide in diabetic & normal subjects (Ger) 11190

eff. of carbutamide in pancreatectomized dogs (Ger) 11191

eff. of insertion of yttrium 90 into sella turcica in ther. of neoplasms (It) 42546

erythrocytes, in normal & pathol. cond. 17897

erythrocyte phosphorus metab., relation to thyroid activity, review (Fr) 36203

erythrocyte phosphorus renewal rate as thyroid funct. test (Fr) 36071

in diabetes mellitus, eff. of ingestion of butter 22260

in dyspepsia in child. (Rus) 7905

in miners (Pol) 30736

in normal Egyptian inf. & child. 36697

*in urine*

in hypoparathyroidism (Fr) 41932

increased excretion caused by triiodothyronine inject. in dogs 12546

*injurious effects*

contact dermatitis caused by phosphosesquisulfide in match boxes (Ger) 38887

*metabolism*

(Fr) 54177

absorp. in Fanconi's rachitic synd., eff. of vitamin D 39729

absorp. through site of exper. burn in rabbits (Rus) 5995

blood & urine, eff. of ACTH in normal & pathol. cond. (Sp) 8684

blood & urine, renal regulation 4846

bone of normal & deserveted limbs in toads, radiophosphorus determ. 24041

brain, eff. of glutamate & potassium on incorporation into nucleotides & phosphocreatine in brain slices 24036

brain metab., topographic distribution (Rus) 34757

calcium-phosphorus metab. in relation to Krebs cycle (It) 16373

cerebral cortex concentration after intravenous admin. of radiophosphorus in cats & man 52575

cervix uptake in cervix cancer patients before & after ther. & in normal women 25994

changes in mixed cases of osteoporosis & osteomalacia (Fr) 24771

disord. in glomerulonephritis, relation to parathyroid glands (Fr) 9653

eff. of acute systemic stress on blood & urinary inorganic phosphorus in normal & parathyroidectomized rats 16291

eff. of estrogens, androgens, corticosone, somatotropin & thyroxin, review (Fr) 25096

eff. of low calcium diet 40245

eff. of molybdenum in rats 4175

eff. of pinealectomy on radiophosphorus uptake by various organs in rat 35132

eff. of surg. 42957

eff. of tapioca macaroni replacement of rice diet in undernourished child. 37594

eff. of x-ray lethal irradiation in rats (Rus) 6637

exper. iontophoresis in toads (Sp) 951

eye, normal & neoplastic eye tissue 26449

eye uptake, eff. of exper. oculomotor & trigeminal nerve lesions in animals (Rus) 52981

female genitalia, radiophosphorus incorporation in hypophysectomized rats, eff. of pituitary gonadotropins (It) 13957

female genitalia uptake in rats, eff. of exper. hypothyroidism (It) 1916

femur & saliva content in rats, eff. of feeding of calcium phosphate salts 17210

fixation in eye (Fr) 7064

in adult houseflies, eff. of methyl bromide 1659

in brine shrimp cultured in radiophosphorus-treated sea water, sex differences in radioactivity 52402

in calcified intra-musc. bladder grafts in rat (Ger) 36163

in exper. uremia 15721

in rats fed N-2-fluorenyl-acetamide (Ger) 32668

incorporation into adrenals of hypophysectomized rats, eff. of ACTH & pituitary gonadotropins (It) 37439

incorporation into desoxyribonucleic acid of rat lymphocytes 3509

incorporation into kidney ribonucleic acid, eff. of thyroxin in rats (Fr) 36705

26942

incorporation into mitochondrial ribonucleic acid in rat epithelioma in vitro, eff. of ATP (Fr) 37835

incorporation into nucleic acids of human bone marrow in vitro (It) 6949

incorporation into organs of genital tract during estrus cycle in rats, radioautographic determ. (It) 13955

incorporation into various liver fractions during coenzyme I synthesis in rats (It) 1946

liver, in exper. tubere. in guinea pigs (Rus) 31238

liver mitochondria, uptake in mice in vitro 30572

lymphocytes, radiophosphorus determ. (Ger) 33889

mitochondria of Guerin epithelioma in vitro, eff. of adenylpyrophosphate (Fr) 15093

myocardial inorganic phosphorus, eff. of thyroxin & triiodothyronine in thyroidectomized rats (It) 37516

parathyroid regulation, review (Sp) 21102

pineal body of rainbow trout, radiophosphorus fixation, comparison with other organs & tissues (Fr) 36756

proximo-distal movement in motor axons after inject. into spinal cord in cats 739

requirement for streptomycin synthesis by Actinomyces species (Rus) 19116

requirement in daily work output (Ger) 28047

requirements & calcium, phosphorus balance in white & Negro child. in Africa (Fr) 38308

ribonucleic acid phosphorus metab. in E. coli infected with T7 phage 22605

Saccharomyces cerevisiae, incorporation rate into nucleotides & phosphoryliserine-containing proteins 35481

Saccharomyces cerevisiae, incorporation rate into nucleotides & phosphoryliserine-containing proteins, eff. of glycolytic inhibitors 35482

Saccharomyces cerevisiae, incorporation rate into nucleotides & phosphoryliserine-containing proteins, eff. of inhibitors of oxidative phosphorylation 35483

skeletal musc., eff. of adiphenine & hexamethonium on phosphorus & carbohydrate metab. (Rus) 33160

spleen tumor tissue intake, eff. of sarcolysin in rats (Rus) 55297

spleen uptake, changes induced by virus-induced leukemia in mice 29841

superior cervical ganglia, eff. of ganglion-blocking agents in hypothermia (Rus) 3559

teeth, eff. of trigeminal nerve resection in rabbits (Rus) 52983

testes, eff. of luteinizing hormone in rat, radiophosphorus determ. (It) 49598

tumor uptake in gastrointestinal system (Rus) 27311

turnover of organic posophorus cpds. in bile of dogs (Rus) 10931

uptake by brain, endocrine glands & other organs, eff. of hypophysectomy in rats 35092

uptake by brain, endocrine glands & other organs in rats, eff. of adrenalectomy 210

uptake by islands of Langerhans after starvation or glucose admin. in rats 23788

uptake by rabbit & guinea pig ovary, radioautography (Ger) 39540

uterus, radiophosphorus incorporation in castrated rats, eff. of estrogens (It) 13956

x-irradiation-induced giant cells in HeLa cells in vitro 27410

*poisoning*

determ. of yellow phosphorus & zinc phosphide in biol. material 17955

exper., eff. on liver (Fr) 47344

exper. elementary yellow phosphorus pois., protective eff. of thyroxin 23993

exper. in rats, protective eff. of aminoethylphosphoryl (It) 3542

lethal diisopropyl phosphonofluoridate pois. in mice, protective eff. of oximes of bis-pyridinium ions 52297

phosphine pois. causing purpura in worker in metal indust., case report (It) 21009

phosphine pois., fatal, in acetylene generator operator 33382

*radioactive*

clin. application 24443

colloidal chromic radiophosphate destruction of hypophysis in ther. of cancer of prostate 5526

colloidal chromic radiophosphate, distribution after intrapleural inject. in guinea pig 47364

colloidal chromic radiophosphate, distribution after intrapleural inject. in guinea pig, comparison with radiogold 47365

decay of radiophosphorus after incorporation into cells causing mutagenesis in E. coli (Ger) 55561

determ. of protein metab. (Rus) 33471

diag. of breast tumors (Rus) 45778

diag. of intraocular tumors 14144

diag. of pleural effusions in cancer, limited diag. value 14158

diag. of uterine cancer, radiocinetography (Ger) 46084

distribution after intravenous measurement, localization & counting (Fr) 21205

eff. on fertilizing ability of ram spermatozoa & on viability of offspring (Fr) 38684

eff. on gastrointestinal system of rats, admin. by gavage 34843

eff. on hemopoietic iron metab. (Rus) 51781

eff. on nitrogen metab., hemopoietic system & cardiovasc. funct. (Rus) 10801

eff. on Proteus P18 strain 19480

eff. on skin, eff. of amobarbital & diphenhydramine on reactivity in rabbits (Rus) 10806

external bremsstrahlung detection, technic & application to cancer diag. (Fr) 32708

hematol. use, review (Cz) 26550

labeling beta-hemolytic Streptoc. (Cz) 38153

labeling of blood platelets, influence of incubation in various media (It) 36738

prep., metab., diag. uses & ther. indic. (Sp) 44422

pyrophosphate labelling for blood volume determ. (Ger) 13095

ther. of angioma (Rus) 10834

ther. of blood dis. (Fr) 21360

ther. of leukemia & lymphoma, histopathol. eff. on spleen 20944

ther. of leukemia & polycythemia, eff. on prothrombin level (Rus) 22617

ther. of leukemia & polycythemia vera (Rus) 10803

ther. of leukemia, with x-ray ther. (It) 29881

ther. of Paget's dis. of anus (Rus) 10835

ther. of polycythemia vera 11952

ther. of polycythemia vera (Fr) 9652

32930

ther. of polycythemia vera, eff. on leukocyte activity 52140

ther. of polyneuritis with gangrene of fingers in thrombocythemia, case report (Fr) 44748

uptake by chick thyroid gland in assay of thyrotropic hormone in human blood & urine samples, limitations 45255

use in study of oxidative phosphorylation in normal & pathol. tissues (It) 6947

*therapeutic use*

anticholinesterase alkyl phosphinic acid-ether prep. in glaucoma (Ger) 22563

*toxicity*

bis(2-ethylhexyl)hydrogen phosphite, acute & subacute tox. in rats & guinea pigs 23376

## PHOSPHORYLASES

absence of phosphorylase activity in ascites tumor cells 13823

activity of normal human erythrocytes in vitro (It) 1925

binding to glycogen, study by ultracentrifugal separation method 40472

fructose-6-phosphate phosphotransferase from Acetobacter xylinum, catalysis of cleavage of fructose-6-phosphate in vitro 40477

histochem. localization in axillary sweat glands in man 20109

in adrenal cortex, ACTH-stimulation with 3' or 5'-phosphoadenylic acid intermediate in beef adrenal cortex slices 28273

in liver, eff. of high fat & high carbohydrate diet & of fasting in rats 44117

in liver of dystrophic inf., relation to glycogen content (Ger) 40330

in musc., antigenic properties, organ & species specificity (Rus) 38780

in musc. of hen, antigenic properties, organ & species specificity (Ger) 24018

in rat liver, eff. of tolbutamide 40893

in uterus, eff. of various hormones in rat 39207

liver glycogen phosphorolysis in rats, eff. of estradiol, progesterone & testosterone (Fr) 26862

phosphorolysis, review (Pol) 30889

phosphoserine determ. in liver phosphorylase 4751

polynucleotide phosphorylase, inhib. & activation through form. of complexes between acridine orange & polynucleotides 7127

protein phosphokinase from rabbit mammary gland, isolation & properties 1706

pyrophosphorylases in mung bean seedlings in biosynthesis of uridine diphosphate galacturonic & glucuronic acids 47707

***PHOSPHOTRIOSEISOMERASES*** *see* **ISOMERASES**

**PHOTOBACTERIUM**

fischeri luminescence, eff. of antibodies & use as criterion of cellular penetration 5151

***metabolism***

glycine, enzymic carboxyl activation by Photobacterium fischeri extracts, purification & properties of enzyme 13804

***PHOTOFLUOROGRAPHY*** *see* **ROENTGENOGRAPHY**

**PHOTOGRAPHY**

*see also* **MOTION PICTURES**

as physicians' hobby, simple rules for good pictures 7473

baby pictures in hosp. 51556

bronchial in sanatoria, appar. & technics 3367

camera using polaroid land process for reprod. of roentgenograms as transparencies for projection 53728

cinefluorography & its med. applications (Sp) 53966

cinematography of cerebral aneurysms, with angiography (Ger) 33846

cinephotomicrography of pial circ. 11649

color microphotography of dermatophytes in keratins (Fr) 37895

color photography, Lumières' autochromic method (It) 31699

color photography of eye fundus in late stages of angioid streaks 23847

continuous-tone photography of stained brain section 29243

direct paper photography of small blol. objects with magnifying equipment & without negative (Ger) 25232

dual-exposure stereophotography retina 95

flash photomicrography of living organisms 29246

high-speed cinephotomicrography of human spermatozoa 6490

high speed flash photography with phase microscope, simplified technic 16939

infrared photography in legal medicine (Fr) 47432

judgments of size & distance in photographs 779

lantern slides, scope & limitations in teaching med. students 8108

liminal image size for conventional film readers 50995

med., methods of reducing operating expenses in hosp. 16940

med., simplified appar. & technics 53291

microphotography of leaf manifest. of plant dis., appar. & technic 16935

of eye, appar. & technics 16936

photographic registration of eye movements in delirium tremens (Fr) 27029

photomicrographs, use in teaching special stains 34441

photomicrography, review 16937

radiophotography, indic. & diag. value (Fr) 54167

research in photographic indust. 18812

retinal using modified Bausch & Lomb ophthalmoscope 2910

role of photology in med. (Fr) 31072

sensitive rapid x-ray film (Ger) 15375

silhouettes in clin. photography, technic 29244

simplified system for gross photography & other copy 40575

stereocolpophotography, appar. & technic (Ger) 55736

stereophotography of eye, simplified technic 11685

stereoscopic color photography of eye 33839

still & motion pictures in endoscopy of resp. & gastrointestinal passages, methods & evaluation 36285

technic in endoscopic photography (Sp) 43864

time-lapse photography in exam. of normal sleeping patterns 40939

transfocal photography with model 1940 electron microscope (Ger) 55612

x-ray photography in study of tumor develop. in x-ray & cortisone-treated rats 20777

***apparatus and instruments***

brilliance amplifier in radiophotography & radiocinematography (Fr) 32384

brilliance amplifiers, measurable characteristics (Fr) 32385

Kern colpograph (Ger) 30260

luminescence underwater camera 40572

new infrared imaging device 2622

simplified serial connection of red filters on I. H. G. colpophotographic appar. for infrared colpophotography (Ger) 23220

***education***

med. photography 52660

**PHOTOPHOBIA**

***case reports***

with controlateral occipital pains induced by light stimulation following cerebral contusion, with homonymous hemianopia (Fr) 9116

**PHOTOSYNTHESIS**

assimilated carbon, rapid translocation out of primary leaf of young soy bean plant 26412

chromophore area of chlorophyll in photoelectric theory of photosynthesis 49351

Hill reaction in alga Chlorella (Ger) 23071

Hill reaction, relation to photosynthetic phosphorylation 13805

hist. of research (Pol) 30895

labile carbon dioxide fixation in algae (Ger) 11277

mechanism of chlorophyll action in photosynthesis 19639

of amino acids 7230

of amino acids from paraformaldehyde with fixation of nitrogen in presence of colloidal molybdenum oxide as catalyst 52292

oxidative photosynthetic phosphorylation, demonstration of new type of mechanism 47970

photochem. reduction of elementary nitrogen in alga Anabaena cylindrica, enzymic mechanisms 13827

photosynthetic carbon cycle, tentative identification of erythrose phosphate in photosynthetic cells 47726

photoxidation of pigments of Chlorella cells, kinetics 1684

separation of light & dark phases in photosynthesis of isolated chloroplasts 7168

vitamin C as electron carrier in oxidative phosphorylation 47933

Warburg's theory, review (Pol) 30896

**PHOTOTHERAPY**

*see also* **LIGHT**

*see also* **SUNLIGHT**

***in various diseases***

cancer of larynx, actinother. (Cz) 14775

photocoagulation in angioma of retina 12436

**PHYSICAL EDUCATION AND TRAINING**

*see also* **ATHLETICS**

cardiocirc. & resp. behavior in subjects differently trained to phys. exercise during & after step test (It) 9382

cardiocirc. & resp. behavior in subjects trained to phys. exercise during & after step test (It) 9384

for aged (Ger) 52226

in schools, participation of child. with scoliosis (Ger) 38927

Medford Boys' Growth Study for determ. of value of athletic train. 7506

of Swedish Air Force staff personnel, relation to phys. working capacity 29226

on develop. of subcutaneous adipose tissue in adolescents (Cz) 38216

train. for agricultural work connected with bending (Ger) 23137

work & rest schedule in phys. educ. schools (Ger) 15276

***effects***

on blood constituents in preliminary period of military service (It) 9182

on child develop. (Rus) 7922

psychic synd. of dysadaptation in young men in army as consequency of irrational phys. training (It) 19225

***in various diseases***

ment. disord., eff. on soc. rehabil. (Pol) 30069

**PHYSICAL EFFICIENCY**

age & sex characteristics of speed of swimming rat 40850

calibration of simplified bicycle-ergometer test of phys. working capacity 29221

correlation with height, weight & age, review 24901

diurnal fluctuations (Ger) 27168

eff. of exper. tobacco smoke pois. in rats (Pol) 30383

eff. of oxygen on efficiency & accuracy of artillery men (Fin) 32484

exercise tolerance tests, review 8155

emotional factors of youth fitness 50270

Harvard step test 4667

implications of longitudinal research in fitness programs 16630

in No. Amer. 2652

Inter-departmental Committee on Phys. Deterioration, research & recommendations in 1904 in Gt. Brit. 53647

med. criteria for aptitude & fitness of federal workers in Switz. (Ger) 20615

of school child. 28656

phys. capacity evaluation from hematocrit value (Fr) 31094

phys. work capacity of truck drivers over 50 11984

role of pediatrician in phys. fitness of child. 50170

swimming speed of albino rat, fatigue, practice & drug eff. on age & sex differences 40881

tests of exertion ability in convalescents of benign infect. (Dut) 184

tests of fitness for exertion (Fr) 186

**PHYSICAL EXAMINATION**

advances in instrumentation & clin. value of med. exam. (Fr) 44695

ergometric test of funct. capacity of heart & body of child. & adolescents, method & results (Ger) 34092

for flying fitness (Ger) 15299

hist. of introduction of phys. exam. in London hosp. 6445

med. exam. of flight personnel in air bases (Fr, Dut) 46553

med. exam., relation to vocational guidance in child. (Fin) 27290

of non-flying personnel of armed forces (Fr, Dut) 46561

of physicians, statist. 30190

pre-employment exam. (Dut) 19124

***PHYSICAL MEDICINE*** *see* **MEDICINE, PHYSICAL**

**PHYSICAL THERAPY**

*see also* **DIATHERMY**

*see also* **EXERCISE THERAPY**

*see also* **HYDROTHERAPY**

*see also* **MASSAGE**

*see also* **PHOTOTHERAPY**

ammother. (Fr) 50790

developing community awareness of phys. ther. 20337

experience of Brit. polio. team in Argentina 20367

in psychiatry 50826

in rehabil., evaluation 48766

in rehabil., progr. (It) 6839

Institute of Phys. Ther., Ospedale Maggiore, Milan (It) 6847

licensing test for phys. therapists 20336

neuromusc. facilitation technics, application to self-care train. 8019

patient scheduling for large phys. ther. department 53109

phys. ther. departments in Canadian hosp. 2536

postop., in heart surg. 20349

professional aspects 43817

progr. (It) 6841

responsibility of phys. therapist in disaster planning 8017

results in phys. ther. department of Institute of Indust. Med. in Rome (It) 21010

role of funct. activities in physiother. 20371

role of Radcliffe resp. pump 20366

theoretical basis, review (Rus) 33500

therapist's understanding of emotional reactions of patients to disability 53105

use of patterns of movement & facilitation technics in reeduc. of movement 20370

use of phys. ther. procedures to enhance eff. of rubefacients 20358

***apparatus and instruments***

adjustable parallel bars 30646

standing table with adjustable lap board 53110

***complications***

neurol. disord. caused by manipulation of cervical spine (Fr) 9196

***education***

neurophysiol. concepts in train. of phys. therapists 30639

requirements & train. of phys. ther. teachers 20375

school in India 20357

School of Physiother. of Institute of Phys. Ther. of Ospedale Maggiore of Milan (It) 6846

***in various diseases***

arthritis 2510

Bell's palsy 2195

brachialgia & intercostal neuralgia caused by cervico-dorsal spondylosis (Hun) 31128

cerebral palsy, neurophysiol. approach, Bobath technic 8018

chest physiother. in intermittent positive pressure resp. for removal of pulm. secretions in resp. paralysis 18377

chronic dis. 5349

constipation (Ger) 15323

contracture, mobilization technics 30642

counter-torque suspension in lumbar disk herniation 20354

cystic fibrosis of pancreas 53106

dis. caused by civilization & soc. cond., review (Ger) 42916

dislocation of hip, abduction braces in adults 13492

endometriosis (Sp) 8936

facial paralysis (Dut) 45310

gyn. dis. (Ger) 29493

hemiplegia 5401

hemiplegia, printed chart for exam. of patient & evaluation of ther. (It) 6845

in musc. disord. in indust. workers in Denmark, prev. & ther. use 42178

inflammatory disord. of pelvis, indic. 7945

intervertebral disk displacement, sustained traction in lumbar displacement, indic. & technics 30378

joint inj. in indust., technics in office management 45894

knee inj., importance of rotators in stabilizing knee 20374

left above-the-knee amputation with right hemiplegia, case report 20338

mechanother. of joint stiffness (It) 25611

ment. disord. 20352

ment. disord., eff. of hallucinogenic drugs on patient response 53107
ment. disord. in aged 49777
neurol., role of funct. reeduc. (It) 6840
pain in arm & shoulder 50223
pediatric dis. (Rus) 43570
polio. (Por) 18477
polio. in India 20355
polio., indic. & technics (Fr) 44885
polio., printed chart for exam. of patient & evaluation of ther. (It) 6844
post-traum. autonomic nerv. synd. of limbs (Fr) 18010
proprioceptive neuromusc. facilitation of stiff joints 30655
pulm. emphysema, kinesiphysiother. (It) 6848
reeduc. rule after tendinous grafts for spastic feet due to polio. (Sp) 29368
reflexol. ther. of paralysis of arm caused by inj. of left brachial plexus (Por) 36905
rheum. arthritis 24713
rheum. arthritis, case report 53108
rheum. dis., in Rumania (Rum) 31136
sacroiliac joint dis. 20356
scapulohumeral periarthritis (Fr) 14375
tuberc., pulm., in hospitalized patients (Ger) 32330

PHYSICIANS
*see also* SURGEONS
advice for physicians 41029
Automobile Med. Club of France (Fr) 9219
availability for military serv. 19146
average daily patient load in U. S. 3667
behavior of physicians in presence of famous political & royal figures (Sp) 1801
communication between physician & cancer patient 2507
consultants, etiquette, ethics & relations to referring physician & patient 6537
cooperation between physicians & the press 44848
cooperation of physician, specialist, technician & patient (Fr) 32383
duties of prison physician 19279
eff. of modern med. progr. & health insurance on status of physicians (Sp) 1802
eff. of technical age (Ger) 41753
emigration from Gt. Brit. 52640
friendships between Viennese physicians & musicians 3343
funct. & responsibilities in autopsy (Ger) 33907
funct. of private physicians in school health programs 38827
future responsibilities in med. research 31578
hobbies of physicians 29342
Huguenot refugee physicians in England 43135
images of doctor in dynamic soc. 52774
in Czech. legions in Russia (Cz) 38362
in defense against Soviet propaganda 52136
in E. Germany, soc. status (Ger) 38885
in Finland, assistant physician's housing problem (Fin) 32713
in France (Ger) 39002
in Gt. Brit., causes for high rate of emigration 41800
in U. S. 5362
in Union of So. Africa (Dut) 43074
income tax deductions 49657
income tax in France, changes in legislation (Fr) 48853
infallibility dogma (Sw) 22133
libraries of physicians (Fr) 8233
med. etiquette & relationships between physicians 54855
med. exam. of physicians, statist. 30190
med. student's develop. of professional attitudes & capacities 17700
medical students' personality characteristics & individual differences 17689
medical students' personality in relation to attitude toward patient as whole man 17687
misdirected energy of physicians 41829
necessary qualities for good physicians 33113
necessity for well-rounded personality in competent physicians (Sp) 8236
need for internat. federation of physicians & European federation of specialists (Sp) 54987
patients' reasons for changing doctors 51570
physician as family adviser in various settings, panel discussion 16672
physician's personality as factor in med. care 5374
physician's voice in med. practice (Ger) 52208
physicians as writers of med. & non-med. literature (Sp) 31832
physicians for tomorrow 37796
press relations in No. Carolina 30227
problems of young physician beginning practice in Portugal (Por) 4351
professional secrecy in protection of patients (Ger) 42932
pub. & patient relations 50863
pub. relations & business management, improvement 15937
pub. relations, improvement 15936
pub. speaking 51606
referral serv. in hosp., organiz. 7022
refusal to give emergency aid, judgement by civil trial or by summary proceeding of med. society (Ger) 42323
relation of pub. health physicians to physicians in private practice 16582
relation to individual patients & general community 6433
relation to literature & representatives from drug industry, survey in Gt. Brit. 14264
relation to med. societies 10480
relation to ment. patients, hist. note 24622
relation to patient 15928, 50818
relation to patients (Hun) 7370
relation to patient, assistance with soc. problems 15260
responsibilities in adoption 19923
responsibilities in prepayment health insurance 4686
responsibilities in prev. of suicide 23419
responsibilities in prev. of traffic accid. 8434
responsibilities in soc. security disability program 5860
responsibilities of civilian physicians during war 17467
responsibilities of physicians as med. directors of life, health & accid. insurance companies 31242
responsibilities of physicians in field of health & accid. insurance 31244
responsibility & opportunity of physicians to relieve stress throughout world 27523
responsibility in x-ray diag. 8439
responsibility to inform cardiac patient about surg. facts 7502
responsibility to propose & support legislation to improve quality of med. care 41163
role in soc. security disability program 16857, 47851, 25657
role of ancestry & parentage in choice of med. as career 16359
role of family physician in detection & prev. of juvenile delinquency 49647
St. Luke as military physician of Roman Legion in Syria (It) 39704
self-interest of physicians as a group (Sw) 10190
soc. factors in physician's acceptance of new innovations in med. practice 40661
soc. processes in physicians' adoption of new drugs 40660
soc. security coverage in U. S. 18089
tasks in mass disasters caused by atomic warfare (Dan) 45536
trends in patient loads of Pennsylvania physicians 20310
virtues of physicians (Fr) 30980
*diseases*
cancer, psychother. aspects (Sp) 46760
drug addict. 15932
heart dis., incidence, causes & prev. 16654
*statistics*
in Russia (Rus) 21911
proportion of physicians to inhabitants (Sp) 1802
ratio of physicians to population in Portugal (Por) 30879
shortage in Sweden, role of reorganiz. of pub. health serv. in improvement (Sw) 45326
shortage in Swedish provinces (Sw) 32481
shortage threat in Swedish provinces (Sw) 9772
survey of physicians separated from active military serv., AMA council report 28135

PHYSICIANS, WOMEN
first women-physicians in Serbia (Ser) 32616
Mary Edwards Walker 20101
Mary Edward Walker, charlatan or martyr 7644
pioneer med. women of University of Sydney, Australia 18744

PHYSICS
*see also* NUCLEAR PHYSICS
application of 2nd law of thermodynamics to psychoanalytic theory 40153
discovery of absolute asymmetry (Fr) 3159

PHYSIOGNOMY
*see also* FACIAL EXPRESSION
correlation with body type & personality (Fr) 18620
hist. of study of physiognomy (Fr) 1001
relation to personality characteristics (Fr) 6377

PHYSIOLOGY
This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.
*see also* ELECTROPHYSIOLOGY
*see also* NEUROPHYSIOLOGY
composition of Albrecht Haller's Elementa Physiologiae (Ger) 27575
contribution of Silvestro Baglioni (It) 8582
contribution of Johannes Müller (Ger) 362
contribution of F. V. Ovsiannikov (Rus) 33496
implantation of electrodes (Rus) 49540
in W. Germany (Ger) 42902
journal Fiziologicheskii zhurnal SSSR im. I. M. Sechenova, 40th anniversary (Rus) 49545
law of concentration-output in theoretical physiol. (Fr) 9026
library of the Department of Physiol. of the Faculty of Med., Mexico (Sp) 39443
psychophysiol. research, eff. on transference 4597
research, application of cybernetic methods of representation (Fr) 43968
research on environmental physiol. 23298
role of physiol. technician in fighter-base (Fr, Dut) 46559
*apparatus and instruments*
canine tracheal divider in resp. physiol. research, modification 31451
electrical stimulator (Rus) 25920
needle electrodes, technic for isolation (Ger) 30572
stereotaxic appar. DB-1-57 (Rus) 48051

PHYSOSTIGMINE
*effects*
on brain synapses & EEG (Rus) 34811
on hippocampus activity following lesions of septum pellucidum in rabbits (Ger) 43005
on ocular refraction, in rabbits 26076

*PHYTASE see* PHOSPHATASES

PIA MATER
*anatomy and histology*
nerves & connective tissue, microphotography (Ger) 23812
*blood supply*
eff. of caffeine benzoate on vasc. permeability (It) 9768
eff. of chlorpromazine on vasc. permeability, pharmacodynamics (It) 9769
factors influencing vasc. caliber, cinephotomicrography 11648
vascularization of pia mater & arachnoid endothelioma of brain surface (Rus) 22661
*neoplasms*
melanoma, primary, of leptomeninx in inf., carcinogenesis (Ger) 23115
*physiology*
hypothalamic nerve fibers in pia-arachnoid tissue of cat, degen. pattern after hypothalamic lesion 49371

*PICK-HERXHEIMER DISEASE see* ACRODERMATITIS ATROPHICANS

*PICK'S DISEASE OF BRAIN see* PSYCHOSES, PRESENILE

*PICK'S DISEASE OF HEART see* PERICARDITIS, ADHESIVE

PICOLINE
*metabolism*
α-picoline in plants 52319
*related compounds*
dipicolinic acid content of bact. endospores, relation to heat resist. of spore 52404
homarine detection in king crab (Ger) 49903
picoline-2-aldoxime iodide ther. of parathion pois. (Ger) 3251
1-picolinyl-2-benzyl-hydrazine, tox. 39156

PICROTOXIN
*effects*
blocking of peripheral inhib. in opener musc. of crayfish claw 17981
on junctional potention & contraction of crayfish muscle 49370

*PICTURE FRUSTRATION STUDY see* PROJECTIVE TECHNIQUES

*PIEDRA see* FUNGUS DISEASES

PIGMENTATION
*see also* ALBINISM
*see also* LENTIGO
*see also* MELANOSIS
acceleration of tanning by furo [2,3-g]coumarin 14302B
brown forehead ring as sympt. of endocrine & sympath. NS disord., hormone imbalance & vitamin defic. (Fr) 24806
caused by virilizing adenoma of adrenal cortex in 2-year-old child (Fr) 54450
cuticular pigmentation of crickets, biol. determinism (Fr) 26914
differentiation by silver impregnation, Masson-Fontana method (Ger) 11347
dyschromia of neck skin, etiol. & ther. (Ger) 27118
guanophores in anuran larvae, pituitary control 5070
incontinentia pigmenti (Sp) 53348
incontinentia pigmenti, cases of familial incidence for 3 generations 11577
incontinentia pigmenti in child, case report (Fr) 25443
induction in Monilia albicans cultures by molybdenum, use for identification of species 24408
irregular cutaneous pigmentation with multiple abnorm. & osteogenesis imperfecta, case report 163
melanocyte pattern in freckled epidermis covering a scar 17521
melanoderma in vagrants & relation to adrenal insuff. (Fr) 2397

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

neuropigmentary system in regulation of normal & cancer cells, theory (Por) 16127

of teeth of Japanese giant salamander (Ger) 55626

pigmented purpura of skin, capillary pathol. 33362

prod. of melanin-like pigmentation by intestinal mucosa cells in vitro 3483

PIGMENTS

*see also* ANTHOCYANINS

*see also* BILE PIGMENTS

*see also* CAROTENE

*see also* CHLOROPHYLL

*see also* FLAVINS

*see also* HEMOGLOBIN

*see also* MELANIN

*see also* PORPHYRINS

*see also* RHODOPSIN

blue pigment of Corynebacterium insidiosum, prod. & properties 25321

carotenoid pigment determ. in Spirobacillus cienkowskii 52379

carotenoid pigments in flowers of Aloe saponaria (Fr) 48913

carotenoids, in vitro conversions 27483

chromatophores of Rhodopseudomonas spheroides, fractionation by non-ionic detergent 1712

ferro- & ferrichlorocruorin of Spirographis marine worms, phys. & chem. properties (Ger) 23608

hemerythrin from erythrocytes of earthworm, determ. of amino acid composition (Fr) 37827

hemosiderin, review (Ger) 27372

in integument of insects, radioautographic study with labeled amino acids (Fr) 26899

ommin distribution in animal kingdom (Ger) 49926

ommins, isolation from insects & characterization (Ger) 49892

photosensitive retinal pigments from turbid water fishes, spectrophotometric analysis 17333

pigment of lipofuscin nature in hepatocytes in chronic jaundice (Fr) 31911

pyocyanine reduction & dehydrogenation of paraffin hydrocarbons by Pseudomonas aeruginosa extracts (Fr) 38645

red-orange pigment of fungus Cordyceps militaris (Ger) 25327

visual pigments, chem. & biochem., review 27480

visual pigments in Drosophila mutants, develop. & location (Ger) 34395

***determination***

chromatography & electrophoresis during melanogenesis in vitro (Fr) 48827

separation of special pigment substances from bile & blood pigments 32222

unidentified pigment in liver biopsy in chronic idiopathic jaundice (Ch) 38380

***effects***

fluorochrome in pollen, protective eff. against ultraviolet rays (Ger) 10025

purple pigment 4-(4'-hydroxy-2'-carbethoxy-1'-pyrrolidinyl)-5-methyl-o-benzoquinone oxidation of amino acids in vitro 3436

***metabolism***

carotenoid spirilloxanthin synthesis by Rhodospirillum rubrum, origin of methoxyl groups 29811

carotenoid synthesis in Rhodospirillum rubrum 13747

carotenoids, eff. of light of various spectral composition & intensity on synthesis & concentration (Rus) 47987

carotenoids in Phycomyces blakesleeanus, eff. of starvation & phenylalaniine 52421

ceroid, facilitation of form. by increased auto-oxidation of lipids induced by unsaturated fatty acid loading & vitamin E defic. in rats (Sp) 9669

ceroid form. in exper. hemorrhagic necrosis of fatty tissue, histochem. study (Ger) 33526

ceroid-like pigment, prod. in chickens given gossypol 34954

ceroid pigment in smooth musc. of gastrointestinal system in cystic fibrosis of pancreas with vitamin E defic. 7871

cytosiderin in histiocytic-fibroblastic tumors of skin (Ger) 27495

deposition in liver & spleen after intravenous admin. of fat emulsion, histol. study 6118

gizzard lining of chick 46699

hemosiderin, cellular form. from injected colloidal iron complexes 50533

hemosiderin, depot storage in placenta, fetal liver, spleen & kidneys, eff. of maternal iron defic. (Ger) 42297

liver, composition in different fractions of pig liver microsomes 13408

ovorubin synthesis in eggs of gastropod mollusc Pomacea canaliculata 53488

prod. of water-soluble diffusible pigment by Serratia marcescens, analysis 19624

yellow pigment of E. coli, isolation & characterization 1375

PILOCARPINE

***effects***

on intraocular pressure & on aqueous veins in normal & in glaucomatous patients (It) 37444

on pancreatic enzyme content in dog (Pol) 24062

on red band of iridocorneal angle in glaucoma (Fr) 14515

on submaxillary gland, histol., cytol. & cytochem. changes after subcutaneous inject. in mice 20110

PILONIDAL CYST

***case reports***

x-ray diag. & ther. (Fr) 17987

***complications***

sinus & abscess, surg., marsupialization 2596

***pathology***

carcinomatous degen. 3380

***surgery***

excis. & primary closure 841

indic. & technic 17490

PINEAL BODY

ultrasonic midline echo from pineal body as index of pineal displacement 11875

***blood supply***

eff. of exper. physiol. & pharmacol. cond. on blood vessel diameter in rats 12552

***cysts***

epidermoid cysts 49629

***effect of excision***

on bodily growth, survival rate & radiophosphorus uptake by various organs in rat 35132

***extracts***

ther. of nymphomania with psychomotor excitement (It) 31696

***metabolism***

phosphorus in rainbow trout, comparison with other organs & tissues, radiophosphorus fixation 26758

***neoplasms***

case reports of true atypical pinealoma (Fr) 35238

diag., ventriculography (Ger) 35408

diag., vertebral angiography 35419

pinealoma, ectopic (Ger) 23797

pinealoma, ectopic, case reports (Fr) 41913

pinealoma with destruction of pituitary stalk & posterior lobe, metab. identity of tumor tissue substance (Ger) 44206

pinealomatous teratoma with various compl. 3602

***pathology***

calcium deposits, microradiographic & x-ray crystallographic analysis 23966

***physiology***

eff. on secretion of somatotropin & FSH by anterior pituitary (Fr) 38679

melatonin, isolation & properties (It) 3551

*PINGUINAIN see* PROTEASES

*PINK DISEASE see* ACRODYNIA

PIPERAZINES

***determination***

piperazine in pharmaceutical prep., quantitative methods (Ger) 20321

***effects***

1-[3-(o-chloro)-diphenylmethoxy-ethyl]-4-o-tolylpiperazine on exper. peptic ulcer in rats, pharmacol. (Fr) 47739

on Trichinella spiralis (Pol) 33695

poly-(1-methylenepiperazine), antiviral activity & depot eff. in vitro (Ger) 45397

tolerance, review (Rus) 18873

***injurious effects***

neurotoxic eff., case report 19939

piperazine citrate causing serum sickness-like reaction, case reports 1288

***preparation of***

2,5-diphenylpiperazine by alkaline cyclization of phenylacylamines (Fr) 36182

***therapeutic use***

ascariasis, single dose (Sp) 29374

51663

helminth infect., review (Fr) 9086

oxyuriasis, oral admin. with local tricainal prep. (Sp) 43880

piperazine adipate & phosphate in ascariasis in foxes (Pol) 33751

piperazine adipate in inhabitants of a helminth-infected village in Hungary (Hun) 19751

piperazine hydrate in oxyuriasis in child. (Ger) 29439

piperazinediones in breast cancer, screening for activity in mice 2720

sulfate, in ascariasis (Rus) 18872

PIPERIDINES

*see also* MEPERIDINE

1-(4-alkoxypyridyl-2)ethyl-2-piperidines, prep. & local anesthetic properties (Ger) 13365

1,2,2,6,6-pentamethylpiperidine & its 1-ethyl homologue, pharmacol. studies 48243

α-phenyl-1-piperidineacetic acid 2-diethylaminoethyl ester di-HCl, pharmacol. (It) 1895

1896

***determination***

3-hydroxypipecolic acid from thrift, isolation & identification 37067

***effects***

alkylated piperidines, testing of muscle relaxant eff. (Ger) 36926

glutarimides, anticholinergic properties (Ger) 39921

1,2,2,6,6-pentamethylpiperidine, ganglionic blocking action & other actions 14139

1-piperidino-methyl-tetralin-2 inducing inhib. of oxidative phosphorylation of cerebral cells, abolishment of inhib. by sulfhydryl cpds. (Ger) 13745

***metabolism***

coniine biosynthesis (Ger) 46187

***preparation of***

2-allyl-2-phenylglutarimide 40361

***related compounds***

3-(β-diethylaminoethyl)-3-phenylglutarimide, ther. of parkinsonism-like synd. caused by chlorpromazine & reserpine (Ger) 52563

***therapeutic use***

3-(β-diethylaminoethyl)-3-phenylglutarimide in paralysis agitans, clin. aspects & electromyography (Ger) 55372

2,6-dimethylpiperidine in hypertension, with penticonide (Rus) 9893

PIPERONYL BUTOXIDE

resist. of Musca domestica wild strain to piperonyl butoxide-pyrethrins in Sweden 52355

PIPRADROL

***determination***

chromatography (Fr) 13099

***effects***

induction of hypermotility, eff. of iproniazid in mice (It) 37514

on behavior, measurement of eff. 28207

on reactive inhib. in rat in learning exper. 17266

***therapeutic use***

ment. disord. (Rus) 34760

schizophrenia, paranoid form (Rus) 34761

PITCH DISCRIMINATION

eff. of temporal & frontal cortical surg. lesions in monkey 25981

in persons with voice disord. 18091

relation to loudness discrimination 5056

*PITOCIN see* OXYTOCIN

*PITRESSIN see* VASOPRESSIN

PITUITARY GLAND

*see also* HYPOPHYSECTOMY

anti-rat pituitary antibodies from rabbits, eff. of inject. into rat 10241

***abnormalities***

double pituitary gland, case report 38019

***anatomy and histology***

connections between neurosecretory system & pituitary portal system in rats 11897

fine structure of caudal neurophysis spinalis in fish (Ger) 34418

hypothalamo-pituitary neurosecretory system of goats 35017

staining of neurosecretory appar., modified Gomori method (It) 37503

structural variations in goats 35017

ultrastructure in various teleosts (Fr) 26697

***blood supply***

in Macaca mulatta 50294

relation of hypophyseal to optic chiasmatic vessels 3021

***diseases***

*see also* ACROMEGALY

*see also* CUSHING SYNDROME

*see also* FROEHLICH SYNDROME

*see also* SIMMONDS' DISEASE

causing infantilism (Sp) 43869

causing infantilism, case report (Sp) 44536


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

compl., ophthalmopathy, differ. diag. & radiother. (Ger) 26184

hyperfunct. assoc. with honeycomb lung 40092

hypopituitarism causing coma (Fr) 29217

hypopituitarism, Sheehan synd. & neoplasms causing coma, case reports (Fr) 32376

insuff., diag. (Ger) 39054

insuff., eff. cortisone, DOCA & vasopressin with cortisone on water-electrolyte balance (Ger) 41758

insuff., eff. on protein metab. (Ger) 11206

insuff. in puerperium (Ger) 18992

insuff., role of altered glomerular filtration rate & solute excretion in impaired water excretion 40697

intermediate lobe hyperplasia following estrogen admin., proliferation into neurohypophysis & eff. on neurosecretion in hamster (Fr) 28699

physiol. 20515

pituitary-ovarian asynergy, indic. for hormone ther. (Fr) 51470

psammomatous formations in pituitary glands of patients of diabetic coma, meningococcic sepsis & brain tumors (It) 36713

Sheehan's synd. 32522

Sheehan's synd. (Ger) 11444

Sheehan's synd., case report 50620

Sheehan synd., case report (It) 36713

Sheehan's synd., case reports (Pol) 30776

Sheehan's synd. caused by postpartum eclampsia, case report (Sp) 44530

Sheehan's synd. developing with transient diabetes insipidus after post-partum hemorrh. 35175

Sheehan synd., histopathol., diag. & case reports (It) 3647

Sheehan's synd., manifest. & ther. (Ger) 21606

Sheehan synd., pathogen. & case report (Por) 36896

Sheehan's synd., review (Ger) 42311

Sheehan's synd., with episode of diabetes insipidus & negative thyrotropin test (Sp) 8701

Sheehan synd. with hepatosplenic cirrhosis in pernicious anemia (Sp) 8849

***effect of drugs on***

adrenal cortex hormones, on cell form. in castrated rats, review (Ger) 49281

desoxycorticosterone glucoside causing pituitary blockade & changes in urinary 17-ketosteroids in diabetes mellitus (It) 49586

flavonoids on pituitary-adrenal axis 44125

glycyrrhizin inhib. of pituitary-adrenal stress responses in rats 5000

histol. changes induced by autonomic drugs in thyroidectomized guinea pigs (It) 3588

p-hydroxypropiophenone on hormone secretion in frog larvae 18579

iproniazid & serotonin on hypothalamo-adreno-pituitary axis in rats (Fr) 28801

phenylbutazone on pituitary-adrenal cortex funct. 13631

vitamin A (Ger) 29403

***effect of radiations on***

destruction by transsphenoidal insertion of yttrium 90 rods 6583

destruction with colloidal chromic radiophosphate in ther. of cancer of prostate 5526

deuteron irradiation, long-term eff. on rats 49264

irradiation by high-energy proton & alpha particle beams for advanced breast cancer 32698

irradiation by radioyttrium, technic & radiodosimetry 32700

irradiation in ther. of prostatic cancer, results 37665

necrosis & hypofunct. induced by intrasellar insertion of yttrium 90 in ther. of neoplasms, eff. on adrenal cortex & thyroid funct., urinary gonadotropins, serum phosphorus (It) 42546

radiodestruction causing carotid artery changes 37683

radiogold destruction (Ger) 33699

radiogold inactivation of pituitary, technic (It) 49585

radiogold pellet implant in ther. of endocrine dis. (Fr) 32397

radioyttrium implant in cancer of breast & prostate, perinasal transsphenoidal approach 30928

radioyttrium irradiation in tumors & endocrine dis. of pituitary origin (It) 29714

x-irradiation in cancer of breast & stomach (Ger) 49013

x-irradiation, in exophthalmos, case reports (It) 31651

x-irradiation with 2 million volt generator, radiosensitivity in guinea pigs 12690

x-rays, eff. of protective screening in guinea pigs (It) 21465

***embryology***

behavior in vitro of dissociated embryonic pituitary tissue from chicks 4996

pituitary-thyroid relations, histophysiol. in chick embryo (Fr) 36512

***extracts***

antidiuretic eff. of extracts of various parts of toad pituitary in rat, seasonal variations (Fr) 26716

comparative cytostatic action of drugs & total pituitary extract alone & combined on Ehrlich's ascites tumor (Ger) 46569

eff. in vitro of pituitary of pregn. woman on prod. of chorionic gonadotropin (Ger) 25197

gonadotropic antiserum produced by inject. of pituitary extracts into rabbit, eff. on response of mouse ovaries to x-irradiation 12948

inject. into rabbits causing hyperlipemia 31328

somatotropin-rich extracts, eff. on urinary reducing steroids in normal male rats (It) 49589

***hormones***

blocking of hypersecretion by Lithospermum officinale 35119

clin.-chem. aspects (Ger) 52225

eff. on diuresis in toad (Sp) 8995

eff. on tissue mast cells in exper. animals 15672

excess, ther., combined autosomic drugs, indic. & results (It) 2978

influence of general metab. action of pituitary hormones on response of breast to stimulating actions of estrogens 53470

intermedin, absence of kidney action 14133

intermedin, identification of $\alpha$- & $\beta$-forms in hog posterior pituitary powder 16915

intermedin, photometric determ. on frog skin in vitro (Cs) 38251

intermedin photometric estimation on frog skin in vitro, specificity & applicability to various media containing intermedin 23752

intermedin, role in color changes in cold-blooded & warm-blooded animals 16325

intermedin secretion in toads, inhib. by lysergic acid diethylamide 35078

melanocyte-stimulating eff. of histidylphenylalanylargtsyltryptophanylglycine 52294

role in maintenance of milk secretion, review 53471

role in regulation of blood sugar in ducks (Fr) 25520

ther. of neurol. & ment. disord. (Ger) 42342

***in various diseases***

cancer of breast 9476

***innervation***

in ox, histol. (Sp) 34426

***metabolism***

radiophosphorus fixation in rainbow trout, comparison with other organs & tissues (Fr) 26756

thyroxin & triiodothyronine localization in male guinea pig, radioiodine determ. 15607

***neoplasms***

*see also* CRANIOPHARYNGIOMA 44045

adenoma & other tumors, comparative histol. malignancy & clin. manifest. 49627

adenoma, asympt. with necrosis after craniocerebral inj. & cerebral hemorrh., case report (Ger) 44930

adenoma, surg., atypical pre- & postop. synd. (It) 42721

assay of adrenotropic pituitary tumors based on ACTH assay by adrenocortical tumor slices 48571

causing paralysis of rectus oculi lateralis musc. (Fr) 54119

chromophobe adenocarcinoma with invasion of nasal cavity, clin. & postmortem. pathol. 23451

chromophobe adenoma (Fr) 49641

chromophobe adenoma causing Forbes-Albright synd. of amenorrhea with galactorrhea (Fr) 36054

chromophobe adenoma causing prolonged amenorrhea, case report (Fr) 3131

chromophobe adenoma, with pseudoxanthoma elasticum (Ger) 36433

exper. carcinogenesis, genetic & hormonal aspects 13257

in situ x-ray ther. by stereotaxic nasal method, eff. on eyes (Fr) 14483

induction in rats by testicular grafts of liver tissue from pregn. rats fed non-carcinogenic doses of p-dimethylaminoazobenzene (Fr) 37804

metastatic pinealoma with destruction of pituitary stalk & posterior lobe, metab. identity of tumor tissue substance (Ger) 44206

mixed basophil & eosinophil adenoma with acromegaly, Cushing synd. & bitemporal hemianopsia (Sp) 8899

primary malignant in child, clin. & postmortem pathol. (Ger) 34448

radiother. 44048

replacement by metastatic lung cancer causing diabetes insipidus 61

sarcoidosis, case report 1156

surg., approach through sphenoid sinus septum (Ger) 19322

ther., hormones, preop. & postop. admin. (Sp) 43877

ther., percutaneous electrocoagulation or radiogold implantation (Ger) 29065

with acromegaly in patient with eunuchoidism & myotonia atrophica 30203

with pituitary hyperfunct. & hypofunct. 44047

***pathology***

autopsy findings 35899

in chronic mercury pois., case reports (It) 49596

in ment. dis. in aged, with & without hypertension & renal dis. 5618

***physiology***

antidiuretic action, seasonal variation in toad (Sp) 8982

biochem. & hormonal eff. in man of intrasellar implantation of yttrium-90 (It) 42646

control of guanophores in anuran larvae 5070

control of pituitary-adrenal cortex system by adrenal medulla, studies in parabiotic rats (Ger) 3432

eff. of addition of toad hypophysis to saline solutions maintaining toad testes on relation of weight increase to spermatozoa release (Sp) 8992

eff. of epinephrine alone & with ACTH on lymphoreticular tissue of spleen in hypophysiprivic rats (It) 36920

eff. of medial eminence lesions on hypothalamo-pituitary system in salamander (It) 34424

eff. of thyroidectomy & castration in rat 15616

eff. on develop. of adrenal-regen. hypertension 49379

histochem. in ovariectomized rat, review & exper. (It) 9403

hypothalamus-pituitary-adrenal cortex interaction, eff. of pyrogen-induced stress in humans (Fr) 39893

hypothalamus-pituitary-thyroid interrelation in rats, exper. analysis 13271

in acute hepatitis, determ. by blood sugar curve after protein loading (Ger) 49126

in glycogen synthesis by liver in fetal rabbits & rats (Fr) 48817

induction of breast hyperplasia, by pituitary suspension with estrogens in rats (Rus) 31158

neuropigmentary system in regulation of normal & cancer cells, theory (Por) 16127

neurosecretory material in hypothalamo-hypophysial system, eff. of dehydration in desert rats & in laboratory rats 50527

neurosecretory substance of hypothalamo-hypophyseal system, lipid determ. in & eff. of blood serum in animals 34403

photoperiodicity in pituitary-adrenocortical funct. in rats (Rus) 13885

pituitary-adrenal cortex axis, review & exper. study (Por) 1567

pituitary-adrenal system funct. in ovariectomized rats (It) 6949

pituitary gland-diencephalon system (Ger) 34033

reactivity of fetal pituitary-adrenal system during last days of pregn. 36609

relation to hypothalamus, review (Fr) 25086

relation to thyroid funct. 49646

role in adrenal cortex hyperplasia & hyperovarianism in hybrid mice 31370

role in exper. tumors of hormonal origin, review (Fr) 47997

role in N, N'-2, 2-fluorenyl diacetamide carcinogenesis 41189

thyroid-pituitary system, hypothalamic mediation 17234

***surgery***

importance of peripituitary vasc. form. (It) 42649

section of pituitary stalk in diabetes mellitus, clin. pathol. conf. 50805A

surg. anat. of surrounding vasc. formations & extracranial & intracranial approaches (It) 42549

transection of hypophyseal stalk in metastatic breast cancer 932

***transplantation***

acquired tolerance to homotranspl. in inbred mice 37561

funct. restitution of pituitary grafts re-transplanted from kidney to median eminence 39214

relation of pituitary implantation to cell ther. (Ger) 8855

PITUITARY GLAND, ANTERIOR

morphol. & gonadotropic partial funct., review (Ger) 33962

*anatomy and histology*

in normal, in gonadectomized & in propylthiouracil-treated hamsters 12940

karyometry of cellular elements of hypothalamo-neurohypophysial system in hyper & hypothyroidism of hen (Fr) 26940

origin of cells appearing after thyroidectomy in rats 12937

*blood supply*

vascularization in teleost fish & its comparison with other vertebrates (Fr) 3106

*diseases*

hyperfunct., gonadotrophic, ther., p-hydroxypropiophenone (It) 8460

hypophyseal-gonadal dysfunct. causing changes in mammary gland (Sp) 31801

insuff., eff. on gastrointestinal system (Sp) 8851

insuff. in myxedema (Fr) 32376

insuff., partial (Fr) 31070

insuff., review (Ger) 29426

insuff., with diabetes insipidus (Dut) 1627

insuff., with diabetes mellitus, vasopressin ther. causing myotonia (Ger) 49283

insuff. with dwarfism, failure of insulin to induce change in rats of growth 50436

*effect of drugs on*

cortisone & estrogens on cytol. in rats (Ger) 3431

cortisone with estrogens on cytol. in rats (Hun) 41637

somatotropin-induced acidophil changes in pulm. tuberc. & inoperable pulm. cancer 23956

testosterone inject. on interstitial cell-stimulating hormone content in male & female rats 13447

*extracts*

comparison of activity of rat anterior pituitary extract with official ACTH standards 44094

eff. on hemoglobin synthesis in hypophysectomized rats (Ger) 33997

errors in ther. use, hist. (Ger) 41714

from pregn. women, eff. on chorionic gonadotropin prod. of placenta in vitro (Hun) 28786

protein component in normal & thyroidectomized rats, electrophoresis 15615

ther. of oligophrenic mongolism, psychic eff. (It) 42614

ther. of optic nerve atrophy & neuritis & retinitis, with vitamin B1 24108

*hormones*

*see also* ACTH

*see also* GONADOTROPINS, PITUITARY

*see also* SOMATOTROPIN

*see also* THYROTROPIC HORMONE

(Por) 12897

assay in pituitary gland & in blood of alloxan diabetic rats & comparison with normal rat levels 31289

content in pituitaries of immature & adult rats, comparison 35104

eff. on absorp. & spermiation of toad testes in saline solution (Fr) 3112

eff. on diuresis in toads (Fr) 3115

eff. on fat metab., review (Rus) 41647

eff. on fat uptake by isolated perfused rat liver 35812

hyperhormonal synd. with prolonged metrorrhagia, galactorrhea & hyperthyroidism, case report (Pol) 39642

inhib. eff. of periodates on activity of various anterior pituitary hormones 15594

mammogenic hormone & prolactin assay in various pituitary fractions 31439

prolactin admin. for short period causing induction of pseudopregn. in rats (Fr) 48819

prolactin, assay micromethod by determ. of pigeon crop weight responses to single local intradermal inject. of prolactin 15726

prolactin, assay using pigeons 15604

prolactin concentration, correlation with milk secretion in lactating rats 15605

prolactin, counter-current distribution 47706

prolactin, eff. on assays of urinary gonadotropins 40804

prolactin, eff. on coenzyme A metab. in lactating guinea pig mammary tissue 1371

prolactin, eff. on mammary gland of male mouse 50516

prolactin, form. & release, eff. of chlorpromazine, in rats, mechanism & comparison with dibenamine, 2-(diethylaminomethyl)-1, 4-benzodioxan, reserpine & methantheline (Fr) 38729

prolactin-induced lactation in hypophysectomized rats 15606

prolactin, inhib. of funct. by hypothalamus in rat (Fr) 15077

prolactin, stimulation with tridihexethyl in rats (Ger) 11026

relation between gonadotropic & thyrotropic activity, review (It) 26587

review (It) 8647

ther. of contusion fract. (Fr) 38787

*in various diseases*

cytofunct. in adenomatous prostate hypertrophy, eff. of prostatectomy & stilbene ther. (It) 25715

*innervation*

neurosecretory endings, anat. in teleost fish (Fr) 3107

*metabolism*

hydrolase distribution among pig anterior pituitary cell fractions 40598

in exper. vitamin E defic., studied by incorporation of radiophosphorus into organic phosphates, in guinea pigs 33826

sulfhydryl-containing proteins in various poikilothermal vertebrates, content & distribution (Fr) 48816

*pathology*

delta cells in acute & chronic dis. 4841

in benzene pois. in rat 40806

*physiology*

ACTH form. & release in rat gland, relation to phospholipids 16897

ACTH secretion, relation to hypothalamus (Fr) 38680

ACTH secretion, response to stress in adrenalectomized rat, relation to ACTH in blood 19496

antag. of gonadotropic & thyrotropic funct. of anterior pituitary in rat (Fr) 3044

cytomorphol. changes of nuclei during estrus cycle & ovulation, in rats (It) 54248

eff. of castration on thyrotropic funct. of anterior pituitary in rat (Fr) 15146

eff. of castration on thyrotropic potency & on thyroid activity in rats, relation between excretory & secretory funct. of anterior pituitary (Fr) 36509

eff. of medial eminence lesions in salamander (It) 34424

eff. of whole human anterior pituitary substances on mammary gland of male mouse 50516

gonadotropic activity, eff. of hypothalamic transmitter in female rats (Ger) 23627

gonadotropic activity of culture of chick embryo pituitary in contact with hypothalamus (Fr) 26903

histol. & physiol. of male & female toad during mating (Sp) 21215

hormonogenic activity of intratesticular grafts after total hypophysectomy & of intrasellar pituitary residue after partial hypophysectomy, in guinea pigs (Fr) 26935

hypothalamic nerve fibers in pars tuberalis of cat, degen. pattern after hypothalamic lesion 49371

hypothalamic regulation (Ger) 11189

increased gonadotropin secretion in rats under stress 35367

influence on morphol. & funct. of adrenal cortex in vitro 39273

relation to hypothalamus (Fr) 38680

secretion of somatotropin & FSH, relation to pineal body (Fr) 38679

thyrotropic funct., eff. of dietary protein defic. in rat (Fr) 26946

thyrotropic properties of normal & thyroidectomized animals, species specificity (Fr) 38632

*transplantation*

exper. intra-thyroid grafts for study of localization of secretion of thyrotropic hormone (Fr) 26934

implants in ther. of allergy in women, relation to possible pituitary origin of allergy (Hun) 41989

intraovarian homografting of fragments preserv. in tissue culture (Fr) 26876

intratesticular homografts, maintenance of gonad-stimulating funct. in hypophysectomized guinea pig (Fr) 26702

PITUITARY GLAND, POSTERIOR

*anatomy and histology*

capillaries & neurosecretory vesicles in normal & histamine-treated rats, electron microscopy 34421

histol. comparison with neurophysis spinalis caudalis in fishes Cyprinus carpio & Tinca vulgaris (Ger) 34436

hypothalamo-pituitary system in Crocodilus niloticus (Fr) 3045

morphol. of synapses in rat, electron microscopy 15695

perivasc. structures (Ger) 34420

*effect of drugs on*

chlorpromazine, dibenamine, pendiomide & hydergine on neurosecretory funct. of hypothalamus - posterior pituitary system in rats 34027

*extracts*

eff. on opacity of erythrocyte suspension (Fr) 15101

electrophoretic analysis for vasopressor & oxytocic activities 203

posterior pituitary extract - epinephrine prep. in ther. of asthma, admin. by nasal tampon, absorp. in man & exper. animals (Ger) 23748

stability of inject. materials during storage (Dan) 48996

ther. of post-traum. diabetes insipidus in pregn., physiopathol. (Fr) 26249

ther. of puerperal breast infect., intravenous admin. (Fr) 44634

*hormones*

*see also* OXYTOCIN

*see also* VASOPRESSIN

CNS action, relation to extrahypophysial neuraxial neurosecretory pathways, review (Fr) 50777

pituitrin alone & with chlorpromazine in induced labor, eff. on fetus (Sp) 10400

pituitrin, eff. on water transfer across wall of isolated bladder of toad 17224

pituitrin hypersensitivity causing acute circ. failure 14947

pituitrin ther., intravenous admin., of hemorrh. in esophageal varices 54874

ther. of asthma, with procaine & theophylline (Ger) 29438

3rd internat. standard 14477

*innervation*

Herring bodies, histol. 23814

nervous end-structures, histol. 23813

*metabolism*

sulfhydryl & disulfide groups, distribution in neurohypophysis of toad (Sp) 8976

*neoplasms*

pituicytoma, clin. pathol. 5522

*physiology*

ACTH releasing factor, partial purification & amino acid composition 13765

ACTH-releasing factor, partial purification & non-identity with vasopressin (Fr) 13763

antidiuretic funct., test methods, review (Fr) 25087

corticotropin-releasing factor, eff. on adrenal cortex hormone release from rat adrenal in vitro (Fr) 3034

eff. of eye enucleation in newborn rats (Ger) 55511

eff. of stimulation in man on antidiuretic activity in blood 18393

neurosecretion, eff. of proliferation of neurohypophysis by intermediate pituitary lobe hyperplasia following estrogen admin. in hamster (Fr) 26699

neurosecretion mechanisms 48471

neurosecretory activity in rats under cond. of continuous light or darkness 49256

neurosecretory substance, histochem. demonstration in vasopressin-rich dried powdered bovine tissue (Ger) 34015

regulation of body fluid balance (It) 13960

review (It) 8652

role in milk ejection, review 53472

stimulation of release of ACTH by anterior pituitary 40472

*PITUITRIN see* PITUITARY GLAND, POSTERIOR, *hormones*

PITYRIASIS

lichenoides et varioliformis acuta, histopathol. differentiation from parapsoriasis lichenoides chronica 34840

PITYRIASIS ROSEA

*case reports*

diffuse, appearing during Hodgkin's dis. (It) 6829

*therapy*

vitamin D2 13670

*PITYRIASIS RUBRA see* DERMATITIS EXFOLIATIVA

PITYRIASIS RUBRA PILARIS

*case reports*

(Hun) 37244

*microbiology*

microflora of affected areas, comparison with healthy skin (It) 16021

PLACEBOS

(Ger) 39966

advantages & limitations in ther. exper. (Ger) 4060

analgesic eff. in various pathol. cond., clin. statist. (Sp) 20821

as psychol. form of ther. (Ger) 16113

progn. value of placebo response in schizophrenics 24632

trials, errors in evaluation (Ger) 15319

## PLACENTA

abruption (Ger) 19372

abruption, caused by supine hypotensive synd. 20050

abruption, causing bilateral cortical necrosis of kidney (Heb) 16085

abruption, causing renal tubular degen., pathogen. & eff. of trimethaphan in dogs 10134

abruption, histol. & physiol. of exper. abruption in dogs 20057

abruption in familial purpura simplex, causing thrombokinase intoxication & grave hemorrh. diathesis (Ger) 1790

abruption, severe, management (Sp) 33010

abruption, statist. (Sp) 8950

abruption with concealed hemorrh. in pregn., case report 7493

abruption with uteroplacental apoplexy & afibrinogenemia (Fr) 26238

accreta, case report (It) 21493

accreta with placenta praevia, hysterectomy, case reports 7612

accreta with placenta praevia in cesarean section, case report (Dut) 7300

delivery, selective management (Cz) 14811

enlargement, diag. by soft tissue placentography 12666

increta totalis, clin. manifest. & morphol. (Cz) 14823

localization by radioisotopes 22163

low insertion, causing hemorrh. in labor, incidence & progs. (Fr) 26226

manual extraction, relation to postpartum hemorrh. 18783

manual extraction, statist. (Pol) 27594

manual removal under local anesth. 7615

manual separation, technic, relation to maternal mortal. & morbidity statist. (Cz) 14818

percreta, causing uterine rupt., case reports (Ger) 39754

placental blood transfusion, new method (Ger) 11458

retention, etiol., value of vasoplacentography (Ger) 3938

rupt. of hypertrophic marginal sinus, case report 7606

structure & funct. (Ger) 24909

synechia, surg., hysterectomy, case report (Fr) 26263

weight & size in twin pregn., relation to fetal weight (Ger) 36032

### *abnormalities*

accessory lobe with vasa previa & prolapse of umbilical cord, case report 21801

### *anatomy and histology*

capillary pericytes & smooth musc. cells in placenta, electron microscopy (Fr) 7761

septum suclear morphol. sex determ. 17643

villi & Hofbauer cells, microscopy (Ger) 34575

### *blood supply*

collection & preserv. of placental blood for use in transfusions (Pol) 30752

fetal circ., morphol. studies on corrosion prep. (Ger) 32954

histaminase content in normal & toxemic pregn. in Bantu 35139

leukocytes in immature human placenta 20081

placental antigens, determ. (It) 44165

rupt. of marginal sinus (Dut) 30000

rupt. of marginal sinus with hemorrh. causing premature labor 32535

vasc. pattern in human placenta (Ger) 24908

vasc. system in late pregn. toxemias (Ger) 35456

vasoplacentography, value in indicating management of 3d stage of labor (Cz) 14812

vessels of placental bed, histol. in normal & hypertensive subjects 17849

### *diseases*

classif. (Ger) 47641

degen., with excess gonadotropin & serum histamine, in etiol. of herpes gestationis (It) 42572

dystrophy in pregn. toxemia, causing fetal atrophy synd. (Por) 35954

exper. infect. of rat placenta with various bact., pathol. changes 5650

insuff. as cause of chronic fetal distress, clin. pathol. conf. 43310

insuff. synd. causing intrauterine fetal death (Ger) 15968

### *effect of radiations on*

x-rays, on succinic dehydrogenase in rabbit placenta (It) 53753

### *extracts*

chorionsgonadotropin & estrogen in cold-prep. extract (Ger) 21618

concentrated extracts in ther. of fractures & pseudarthrosis, indic. (Fr) 21595

eff. on exper. lesions caused by vesicating agents in guinea pigs & rabbits (It) 19192

eff. on exper. tumors (Ger) 11175

eff. on oxygen consumption in rat liver slices & homogenates & in mouse ascites cells (Ger) 36960

eff. on wound healing (Ger) 54872

inplacen in ther. of deafness & tinnitus (Ger) 3936

inplacen, ther. uses (Ger) 18922

lipoid extracts, chemomorphotic eff. on ovaries & uterus of young rats (It) 29627

ther. of peripheral vasc. dis. (Ger) 22962

### *function tests*

clearance of estrogens, sodium & pregnandiol as placenta funct. tests 12415

### *metabolism*

acetylcholine, comparison in man & animals (Rus) 25762

5-androstene-3$\beta$, 16$\alpha$, 17$\beta$-triol conversion to estriol in vitro 3428

ATP in human placenta in vitro (It) 37394

citric acid metab. of perfused human placentas, eff. of estradiol & chorionic gonadotropins 17060

citric & succinic dehydrogenases in various stages of pregn. 37352

copper, in mature & immature, normal & pathol. human placenta (Ger) 25198

cytochrome oxidase & chtochrome a & c in normal & toxemic pregn. (Ger) 25200

diphosphopyridine nucleotide isocitric dehydrogenase-pyridine nucleotide transhydrogenase system, structural specificity of estrogen cofactors 4747

estradiol-17$\beta$ dehydrogenase isolation, characterization & assay 4748

ferritin & hemosiderin, depot storage eff. of maternal iron defic. (Ger) 42297

glycogen content of placenta & uterus, histochem. determ. at various periods of pregn. in rats (Rus) 13867

hexokinase in various stages of pregn. (It) 37350

in prolonged pregn., histochem. (It) 53691

iron content of mature, immature, normal & pathol. human placenta (Ger) 25196

$\Delta$ 4-3-ketocorticosteroids, metab. & determ. in human placenta by paper chromatography 36366

lipid fraction activating & regulating uterine contraction & lipid fraction inhibiting such contraction (It) 29614

lipoid content in normal & diabetic mothers 23829

oxygen consumption in normal & pathol. pregn. 17847

phosphatases, acid & alkaline, in normal & pathol. cond. (Rus) 46828

potassium content (Ger) 33950

ribose-5-phosphate & pentoses (It) 36774

zinc in mature & immature, normal & pathol. human placenta (Ger) 25207

### *microbiology*

Coxiella burnetii isolation from placentas of women infected many years previously 28401

### *pathology*

changes in exper. pregn. toxemia in guinea pigs 28957

degen. changes in prolonged pregn. (It) 53682

histopathol. in exper. Leptospira pomona infect. in cattle 12726

in cytomegalic inclusion dis. in newborn, histopathol. (Fr) 27718

in kidney dis. (Rus) 12161

in pregn. toxemias 3008

morphol. in diabetic women (Ger) 35127

### *physiology*

eff. of withdrawing placental blood on 3d stage of labor (Cz) 14810

endocrine dysfunct. as cause of toxemias 3009

form. of oxytocinase (Ger) 25204

improbability of transplacental passage of 19S gamma globulin between maternal & umbilical cord blood 17600

in glycogen synthesis by liver in fetal rabbits & rats (Fr) 48817

oxygen transfer across hemochorial placenta in postmature pregn. 7603

passage of antistaphylolysin & antistreptolysin to inf. (It) 30215

passage of gallamine (Ger) 12886

passage of inorganic phosphate, dynamics (It) 13113

passage of proteins in rats in pregn. at term (Ger) 34433

passage of urografin from adherent placenta into maternal circ. (Ger) 3750

permeability mechanism of villi 32255

permeability mechanism, transport channels between villous epithelium & villous capillaries 22258

permeability to 3,3'-diiodothyronine (Fr) 15113

permeability to homologous albumin in rabbits 24499

selective transfer of blood proteins in rhesus monkeys 6134

sex chromatin in, electron microscopy (Ger) 37701

transfer of factors responsible for L. E. cell form. in inf. in maternal disseminated lupus erythematosus with maternal & neonatal thrombopenia, case report 12342

transm. of Coxsackie virus infect., fatal case of infect. of newborn 10245

transm. of influenza & measles viruses in animals (Rus) 32708

transm. of transfused sickle cell trait from mother to fetus 24500

transport of conjugated & unconjugated estrogens in guinea pigs, comparison 4869

### *radiography*

use of Logetron technic for intensification of small shadows (Fr) 26211

## PLACENTA PRAEVIA

diag. & ther. (Sp) 15483

incidence & management in Malayan women 18776

### *case reports*

4006

percreta, partial 17846

### *complications*

placenta accreta, hysterectomy, case reports 7612

placenta accreta in cesarean section, case report (Dut) 7300

pregn. toxemias 12410

rupt. of cesarean uterine scar in placenta praevia & placenta accreta, case report 40344

### *diagnosis*

indirect placentography, technic 29762

isotopic localization of placenta, technic 10123

x-ray, technics & interpretation 38571

### *etiology and pathogenesis*

(Ger) 36038

### *surgery*

cesarean section, statist. 35746

### *therapy*

conservative ther. 35747

Voorhees bag 638

## PLAGUE

### *experimental*

capillary permeability in guinea pigs (Rus) 37201

eff. of antibiotics in various combinations (Rus) 36401

eff. of antibiotics on infect. induced by streptomycin-resist. & dependent strains (Rus) 36402

eff. of cortisone on resist. of mice to low virulence Pasteurella pestis (Rus) 11484

eff. of exper. tuberc. on resist. in mice (Fr) 26749

eff. of immune serum & gamma globulin in guinea pigs (Rus) 11494

thermoregulation as sensitivity index (Rus) 34666

### *history*

18th century plague of Marseilles, contribution of Anton Deidier on its transm. 29282

natural foci in steppes in So. Europe (Rus) 34617

### *immunology*

live plague-tularemia-brucellosis-anthrax polyvaccine, eff. in guinea pigs (Rus) 55795

polyvaccine against plague & tularemia (Rus) 34663

ther. & prev. properties of beta & gamma globulins in immune sera (Rus) 11481

vaccine from killed Vibrio comma & Pasteurella pestis (Rus) 55794

### *prevention and control*

flea control (Rus) 18884

in Ecuador (Sp) 8844

review 36260

### *transmission*

flea Polygenis litargus vector of sylvatic plague, exper. statist. (Sp) 1826

insecticide-bait box method for control of sylvatic plague vectors 40891

## PLANT HORMONES

*see also* INDOLACETIC ACID

gibberellic acid, pharmacol. & toxicol. studies 50264

gibberellin-like substances in coconut 19649

gibberellin, nonpolar transport through pea stem 21701

gibberellins, exper. study on agricultural applications (Sp) 47304

gibberellins, review (Pol) 47306 30891

*determination*

gibberellic acid, colorimetric test & evidence from dwarf pea assay for occurrence of gibberellin-like substance in wheat seedlings 7231

*effects*

auxin inhib. of fungus growth, reversal by cupric sulfate (Fr) 3033

auxins, on animals organism, review (Rus) 45619

auxins on growth of alga Chorella vulgaris, influence of added ethyl alcohol 29829

auxin on wheat coleoptiles in presence of nitrogen & cold 9553

carcinogenic, in plants (Fr) 9185

gibberellic acid on growth & alkaloid biogenesis in Datura stramonium & Atropa belladonna 40385

gibberellic acid on growth of buckwheat Fagopyrum esculentum & rutin biosynthesis 40379

gibberellic acid on herb Oenothera biennis (Fr) 48790

giberellic acid on leaf form 19647

gibberellic acid on length & number of epidermal cells in petioles of strawberry 52433

gibberellic acid on morphol., histol. & glycoside biosynthesis of 1st year's growth of Digitalis purpurea 40378

gibberellins, on growth, flowering & fruit prod. of various plants 42173

kinetin (Ger) 38955

kinetin stimulation of mitosis in Yoshida sarcoma cells 27408

natural substances other than 3-indolacetic acid causing stimulation of growth of corn coleoptiles (Fr) 38701

PLANTS

*see also* ALGAE

*see also* ALKALOIDS

*see also* FLOWERS

*see also* GRASSES

*see also* HERBICIDES

*see also* POLLEN

*see also* SEEDS

Aloe, thermo-analysis of microfragments (It) 52007

ammonia release after treatment with 3-indoleacetic acid 19618

anthocyanin components of Canadian plants 48440

antibiotics in control of plant dis., review 25120 35503

anticoagulants from plants 17440

antimicrobial components, review (Ger) 32307

anti-microbial properties of Japanese plants (Fr) 26788

Aristolochia clematitis, isolation & purification of aristolochic acid (Ger) 43011

Artemisia maritima, pharmacol. significance of photoperiodicity (Ger) 43604

Artemisia species producing santonin, review (Ger) 20339

artif. mutagenesis in plant breeding 19600

Arum maculatum, cytochromes & other resp. enzymes in mitochondria of spadix, eff. of cyanides & antimycin A 35863

axial teratol. in phanerograms (Fr) 32018

baobab leaves & pods as source of vitamin C 14788

biosynthesis & metab. fate of glycollic, glyoxylic & oxalic acids in plants, review (Ger) 53100

biosynthesis of aspartic & glutamic acids & enzymic transform. of asparagine & glutamine, review 35561

biosynthetic processes, importance of Mannich reaction (Ger) 38959

blood group active plant substances, relation to human blood groups 11926

cactus, maltase activity 49302

cactus, maltase isolation & purification 49301

cactus, Nopalea cochinellifera, amino acids 49363

cactus, Nopalea cochinellifera, organic acid & carbohydrates 49364

camomile, insuff. knowledge on active principle & pharmacol. (Ger) 11219

carbohydrate metab., possible role of vitamin C as intermediate 47955

Caulerpa prolifera, cytochromes in chloroplasts 52308

Ceanothus americanus, blood coagulating principles 16727

Cecropia peltata, phytochem. analysis of leaves 50285

chemotaxonomy, develop., review (Ger) 7958

cherry tree Prunus avium incorporation of transcinnamic acid into flavones (Fr) 26323

chlorotic leaves, determ. of amino acid content 13734 13735

chromosome duplication in root cells of Crepis capillaris 27401

common burdock, pharmacognostic study (Sp) 49421

cormophytes, cyanogenesis in, distribution & taxonomic aspects (Dut) 20311

corn cockle, 2, 4-dihyd.oxy-6-methyl-phenylalanine isolation from seeds (Ger) 25893

dandelion Taraxacum officinale, pharmacol. (Ger) 7983

detection of insecticide residues on plants (Cz) 30949

determ. of methyl ethers of inositols in various plants (Fr) 48808

O, O-dimethyl-S-(2-ethylthioethyl)-dithiophosphate metab. in plants & determ. in spraying residues (Ger) 42823

Diplotaxis tenuifolia essence, chem. analysis (Fr) 1052

eff. of ACTH & adrenocortical hormones on germination of seeds & growth of Triticum vulgare & Phaseolus vulgaris (Sp) 21151

eff. of herbicide AE-1 on water plants (Rus) 33163

Ephedra major, pharmacol. (Tur) 45438

Equisetum, variability of prothallium cultures (Fr) 26813

Eremurus regelii, isolation & chem. of polysaccharide eremuran (Rus) 37137

Erysimum perofskianum of mustard family, floral aborm. caused by aphid stings (Fr) 9180

fatty acid synthesis in higher plants, eff. of biotin 13412

ferns Filicinese, aseptic culture of clonal prothalial colonies (Fr) 26793

fern prothalli, analysis of radiation-induced tumors in 21699

fibrinogen distribution in plant kingdom, detection by precipitin & ultracentrifugal analysis 1869

flax, eff. of hydroponic culture & soil culture on microflora around roots (Fr) 13054

fodder & hay vitamin D content 37597

Fraxinus caucasicus, eff. on skin & skin nerve supply (Rus) 3574

Heimia salicifolia, pharmacognosy (Dut) 20313

Helleborus niger, pharmacognosy (Ger) 49873

herbaceous plant infect. with sour cherry viruses, identification of viruses by mechanical transm. to Prunus species 22601

herbe Lychnis dioica, isolation of heptasaccharide containing galactose, glucose & fructose molecules (Fr) 26316

hermaphrodite plants, sex differences in crossing-over & chromosome size in 48691

Hevea brasiliensis, uptake & utilization of mevalonic acid 19466

higher fatty acid determ. in, reverse-phase partition chromatography (Rus) 37138

horseradish peroxidase, colorimetric determ. with N, N-dimethyl-p-phenylenediamine after inject. into various rat tissues 16947

in vitro synthesis of crown-gall tumor-inducing principle 52393

incorporation of proline & hydroxyproline in protein in plants, relation to cell growth & morphogenesis 19541

indigenous in Ecuador, preserv. (Sp) 8843

indigofera endecaphylla, tox. for mice 5555

Kalanchoe daigremontiana, isolation of 4-hydroxyvaline from 29827A

Labiatae family, sterol & triterpene content 16705

larch tree seedling growth in carbonate-containing chernozem, eff. of mycorrhiza (Rus) 19123

leguminous plants, determ. of content of canavanine & related cpds. 37064

leguminous plants, symbiosis with Rhizobium, origin of nodulation (Fr) 25132

Lemna minor growth in vitro, eff. of chloride defic. (Fr) 26737

Levisticum officinale, estrogenic activity (Sp) 49418

lignin biosynthesis, precursor role of p-hydroxyphenylpyruvic acid 48443

lignin in angiosperm & in gymnosperm plants, chem. aspects (Fr) 48809

liliaceous plants, polarised stages in meiosis in 48892

lipoxidase system of sunflower seedlings 14620

Lychnis dioica, structure of pentasaccharides in roots (Fr) 38709

Majorana hortensis & other medicinal & spice plants, cultivation methods (Ger) 20331

maple, prod. of cicatricial tissue, eff. of lanolin & α-naphthaleneacetic acid (Fr) 26930

microphotography of leaf manifest. of dis., appar. & technic 16935

motion of spherosomes 38386

Nicotiana hybrids, form. of tumors & classif. of parent plants 48804

Nicotiana species, form. of alkaloids in (Sp) 49419

nitrogen fixation by non-nodulated plants & nodulated Coriaria arborea 42978

nucleoproteins (Rus) 1729

oxidative enzyme activity, eff. of potassium nutrient (Ger) 27809

persistent rhythmicity in plants, review 53115

peyote Lophophora williamsii 12480

phytosociol., ecol. & statist. bases (Sp) 12917

α-picoline in plants 52319

Pinus lambertiana, desoxyribonucleic acid synthesis in shoot apex, autoradiographic localization 52333

plant tissue cultures, review 25122

plasma lamellar systems, comparison with Golgi appar. in animals (Ger) 46164

prosopis tree as cause of hay fever & asthma in Southwest & So. Africa 54515

radioactivity from fallout (Ger) 14410

radiostrontium content & disposition after fallout in United Kingdom 19542

red clover, reprod. disord. in grazing ewe lambs 19677

Rhus vernicifera laccase, purification & phys. chem. properties 13793

roots in rhizosphere, relation to microorganisms, review 1609

rose thorns, causing granuloma & skin dis. (Ger) 22991

Solomon's seal, determ. of azetidine-2-carboxylic acid & α,γ-diaminobutyric acid in rhizome 37066

spermosphere, biol. microhabitat surrounding germ during phase of germination (Fr) 47406

straight-growth inhibitors in glucose from plants 19596

submerged aquatic plants, eff. of aeration on equilibrium content of calcium 4812

submerged aquatic plants, eff. of light on calcium absorp. & excretion 4811

Teucrium polium, pharmacol. (Rus) 38339

thrift, isolation & identification of component 3-hydroxypipecolic acid 37067

Tradescantia, comparative effectiveness of gamma rays, x-rays & fast neutrons in producing chromosomal aberrations in 31606

Tradescantia paludosa, eff. of edathamil & x-rays on chromosome fragmentation in microspores (Rus) 47990

Trillium, adhesion loci in differentiated heterochromatin 38480

Ulex europaeus agglutinin, usefulness in large-scale blood group study 55352

vetch, eff. of culture in soil on microflora around roots (Fr) 13055

Zygophyllum fabago, pharmacol. (Rus) 3573

*effect of drugs on*

asiatic acid glycoside on germination & growth (Fr) 48873

cortisone on growth of lentil plants (Fr) 38743

gibberellic acid on growth of buckwheat Fagopyrum esculentum & rutin biosynthesis 40379

gibberellins on growth, flowering & fruit prod. of various plants 42173

gibberellic acid on leaf form 19647

gibberellic acid on length & number of epidermal cells in petioles of strawberry 52433

isoniazid-PAS & sulfonamid on cell division (Fr) 24904

serotonin on growth of young oat plantlets (Fr) 38738

substituted pyrimidine bases in mitosis in plant cells (Fr) 26310

*effect of radiations on*

growth acceleration by irradiation, importance in agriculture (Fr) 52102


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

***effects***

antibact. activity of water- soluble compound in heartwood of Haematoxylon brasiletto 40388

antibact. eff. of active principle isolated from Indian medicinal plant Withania somnifera 13340

berberin, eff. on gallbladder in dogs (Rus) 38541

Indian plant drugs on non-pregn. rat uterus, stimulant action 40080

***extracts***

acorn extract ther. of alcoholism & pharmacol. 18079

agnus castus extract, eff. on pituitary gonadotropin prod. in guinea pigs (Ger) 39535

agnus castus extract, ther. of skin manifest. in dysmenorrhea (Ger) 23212

antibiotic action, screening tests 4331

Asperula odorata, Centranthus ruber & Melissa officinalis extracts, ther. of pediatric dis., with methylparafynol (Ger) 19431

Crataegus, eff. on capillary fragility (Ger) 42386

Crataegus extract ther. of extrasystole, with phenobarbital, procaine amide & quinidine (Ger) 8706

Crataegus oxyacantha ther. of heart dis. (Ger) 12068

Crataegus prep., biol. standard. (Ger) 35571

drainaven in prev. & ther. of postop. venous thrombosis (Ger) 39062

drainaven in prev. of thromboembolism & ther. of venous stasis (Ger) 51852

drainaven ther. of venous stasis in diabetics (Ger) 4052

Echinacea & Tropaeolum majus extract, clin. evaluation (Ger) 18115

Echinacea purpurea extract ther. of influenza (Ger) 51873

Echinacea purpurea extracts, eff. of properdin titer in rabbits (Ger) 12183

eff. on growth of egg-yolk sac cultivated mouse mammary tumor 45377

gentian & ignatia extract gastroplant in ther. of stomach dis. 51861

glutamic acid decarboxylase activity 50256

Harpagophytum procumbens root tea, antiarthritic eff. in rats (Ger) 11291

Hieracium pilosella extracts, failure in brucellosis ther. (Ger) 13651

olive leaf extract, ther. of hypertension, with reserpine (Fr) 29213

solanaceous plant extracts causing inhib. of human blood cholinesterase in vitro 21711

tinctures, hist. & evaluation of paracelsic tinctures (Ger) 43579

Toxicodendron quercifolia ther. of allergy 50424

Toxicodendron quercifolia ther. of hay fever, eff. on nasal eosinophilia 49391

Tropaeolum majus, Cochlearia armoracia & Allium sativum oily extracts, eff. on M. tuberc. growth in vitro (Ger) 55504

tuberculostatic eff. of ethereal-oil-like extracts (Ger) 34054

Zygophyllum coraulum, hypoglycemic properties in rabbits (Fr) 1053

***injurious effects***

Carica peltata causing constipation, intestinal gangrene & intestinal obstruct. (Ger) 55576

contact dermatitis caused by cactus plant, case report 27088

lucerne, inhalation of dust causing hay fever & asthma in So. Africans 45058

philodendron causing contact dermatitis 10

***poisoning***

by eating seeds of Caesalpinia Gilliesii 38584

cross-sensitization in diverse poisonous members of sumac family 50646

Crotalaria pois. in horses, chem. diag. 16766

ivy honeysuckle berries causing pois. in child (Ger) 6020

ornamental plant pois. in Arizona 1565

Trichodesma incanum pseudoencephalitis with severe psychiatric manifest. (Rus) 34716

***therapeutic use***

Chinese medicinal herbs in vaginal trichomoniasis 38404

gastrointestinal, liver, & gallbladder dis. (Ger) 4034

jewelweed tincture in poison ivy dermatitis 13146

phytother. in pulm. tuberc., value (Pol) 53171

Tropaeolum majus ther. of inj. eff. of antibiotic (Ger) 19012

**PLASMA**

buffer capacity of human plasma 38555

contact with glass releasing plasma kinin & initiating coagulation, mechanism 28613

glass-activation of plasma from patients with hemophilia C 17584

Golgi body in plasma cells, structure & develop., phase contrast microscopy 24113

Hageman factor in plasma foreign surface reactions 19653

lyophilized human plasma standardized for blood coagulation factors in coagulase & fibrinolytic tests 41036

pyruvic acid content in anemic rabbits after repeated bleedings, comparison with erythrocyte content 35397

***effects***

destruction of ACTH, glucagon & somatotropin by human blood plasma in vitro 50451

embryonic inductive capacity 24850

human plasma-calcium chloride mixture inducing hyaline membrane dis. in rabbits 11749

protective eff. of human plasma on form. of Heinz bodies by erythrocytes in vitro (It) 37509

***preparation of***

factor V-deficient plasma, method 10339

liability of manufacturer for contaminated plasma 4088

prep. of human plasma fraction rich in prothrombin, proconvertin, Stuart factor & PTC & study of its activity & tox. in rabbits & man 50737

***therapeutic use***

mixed plasma, posttransfusion appearance of immune antibodies in recipient serum (Ger) 11453

***PLASMA PROTEINS*** ***see*** **BLOOD PROTEINS**

**PLASMA SUBSTITUTES**

***see also*** **DEXTRAN**

***see also*** **GELATIN**

***see also*** **POLYVINYLPYRROLIDONE**

***see also*** **SERUM ALBUMIN**

***see also*** **SERUM GLOBULIN**

physiol. regen. after blood loss & testing of various substitutes (Ger) 38973

review (Fr) 47324

sterofundin B I (It) 25608

***effects***

Beloski serum on heart arterenol in rabbits (Rus) 48037

colloid-casein prep., on blood vessel wall of rabbits (Rus) 52984

on blood gravimetric indices (Rus) 33196

***therapeutic use***

Beloskii serum in furunculosis (Rus) 45872

fractionated human blood protein solution plasmasate in severe shock & hypoproteinemia in child., intravenous admin. 14540

plasma volume expanders in hemorrhagic shock 54777

***PLASMACYTES*** ***see*** **LEUKOCYTES**

**PLASMALOGEN**

colamine-cephalin from brain tissue, demonstration of nature of aldehyde bond (Ger) 27898

degradation by various agents, paper chromatographic & electrophoretic studies (Ger) 27909

in heart of ozena, composition & structure analysis 28867

in psoriasis (Ger) 6091

nature of linkage of aldehyde residue in natural plasmalogens 5483

plasmal, histochem. reaction with acidified basic fuchsin solution as reagent (Rus) 25766

***PLASMIN*** ***see*** **FIBRINOLYSIN**

***PLASMOCYTOMA*** ***see*** **MYELOMA, PLASMA CELL**

**PLASMODIUM**

berghei survival in citrated & glucose-treated blood preserved by refrigeration (Fr) 26887

gonderi, sporogony of new strain 55059

iso-plethysmograph (Bul) 32789

***culture***

on avian embryos & tissue culture, review 3524

***infections*** ***see*** **MALARIA**

***metabolism***

leucovorin & non-dialyzable materials in Plasmodium lophuae erythrocyte extract & yeast protein prep. 17255

***transmission***

gallinaceum by Aedes stokesi 55358

**PLASMODIUM FALCIPARUM**

leucovorin requirements in intact human erythrocyte cultures 17255

**PLASMODIUM MALARIAE**

feeding, electron microscopy (Pol) 33762

**PLASTER CASTS**

cast cutter (Rus) 52869

suspension cast for acromioclavicular fract. 50203

with embedded polyester cover (Sw) 10176

***PLASTIC SURGERY*** ***see*** **SURGERY, PLASTIC**

**PLASTICS**

***see also*** **ACRYLATES**

***see also*** **NYLON**

***see also*** **POLYETHYLENE**

***see also*** **VINYL COMPOUNDS**

adhesive plastic material in management of burns (Cz) 21545

corrective plastic inlays for shoes in foot abnorm. (Ger) 39954

dacron arterial substitute, clin. application 35920

dacron vasc. prosth. (Fr) 16998

eff. of inhalation of Fiberglas-plastic dust on course of exper. tuberc. in guinea pigs 12784

elasticized dacron prosth. in animals 46516

hosp. uses 12374

in form. of artif. esophagi, review (Pol) 53130

microcrimped arterial dacron tube & bifurcation prosth. 46517

new durafoam material for rest splints in prev. of deformities in rheum. dis. 14684

new plastic deformity-prev. splint 14630

perlon net in correction of diaphragmatic defect, case report (Rus) 6343

perlon net in surg. repair of duodenal wds. & inj. (Ger) 23196

plaster casts with embedded polyester cover (Sw) 10176

plastic arterial grafts, gross & microscopic changes 5862

plastic casts (Ger) 11390

plastic tubes lined with autoplastic tissue in replacement of segmental aortic defects (Ger) 37752

polyurethane plastic material for fract. stabilization 47595

routine use of spray-on plastic dressing on surg. wds. 17461

transparent plastics in radiation dosimetry 44296

use in pharmacy (Fr) 31478

***injurious effects***

occup. (Sw) 10179

perlon clothing causing skin dis., prev. aspects of laundering (Ger) 22893

terylene causing eczema, case reports (Dan) 10636

***toxicity***

inhalation of fumes from burning perlon (Ger) 15326

***PLATELETS*** ***see*** **BLOOD PLATELETS**

**PLATINUM**

dosimetry from radiorubidium coated platinum pellet 44298

**PLAY**

***see also*** **RECREATION**

maintenance of play in young child. 50511

relation of children's play interests to intelligence 5123

***PLAY THERAPY*** ***see*** **PROJECTIVE TECHNIQUES**

**PLETHORA**

in newborn, pathogen. & ther. 51044

**PLETHYSMOGRAPHY**

digital, in measurement of vasodilation in clin. tests of hyperemia & vasodilator drug eff. (Fr) 54335

Eustachian tube patency test with plethysmograph (Ger) 49025

finger, determ. of pulse wave spreading velocity (Pol) 30829

impedance plethysmography in evaluation of peripheral vasc. response to intra-arterial inject. in arteriography 22008

in birth brain inj. (Rus) 12117

microplethysmography of peripheral circ., technic (Fr) 975

of peripheral vasc. system, technic & clin. value 17504

of 3rd rhythm (Cz) 38221

periodic waves in chronic exper. in dogs (Rus) 15762

photoelectric, as vasc. skin funct. test (Ger) 36436

registration of vasomotor chronaxy of thumb (Pol) 53220

rheography, eff. of chem. constitution of conducting medium & of circ. volume, pressure & other physical factors on rheograms (Fr) 26894

vasc. reactions to gustatory stimuli in pregn. & pregn. toxemias (Rus) 12151

venous occlusion plethysmography, eff. of hydrostatic pressure of appar. on blood flow rate in forearm 17971

*apparatus and instruments*

pneumoplethysmograph for animals (Rus) 49571

*in various diseases*

arterial embolism, preop. diag. & localization of embolus 25039

disseminated neurodermatitis (Ger) 3209

eff. of rectal pressure stimulation in colitis (Rus)

penile, in sexual deviations, diag. value 31786

photoelectric in determ. of terminal peripheral flow in neurodermatitis (Ger) 36437

photoplethysmographic findings in acrocyanosis & various acropathies of cyanotic basis (R) 25554

photoplethysmography in normal cond., rheum. arthritis & peripheral vasc. dis. (Pol) 30828

Raynaud's dis. & acrocyanosis, determ. of vasodilat. in hand 38615

**PLEURA**

carcinoma cells in pleural cavity washings after pneumonectomy or lobectomy 38071

effusions caused by pulm. & pleuropulm. neoplasms, ther., topical prednisolone (It) 21436

effusion in cancer of ovaries, review (Sp) 44525

effusions in cancer, radiophosphorus diag., limited diag. value 14150

effusion, solitary, due to myxedema, case report 16583

lymphatics which drain potential space between visceral & parietal pleura, demonstration in guinea pigs 35909

protein concentration of pleural fluid, diag. value 30104

self-cleansing drainage after thoracotomy 11876

*abnormalities*

capillary angiomatous malform. with rupt. in newborn, fatal case 171

*anatomy and histology*

posterior pleural borders, projectional anat. (Rus) 18261

*diseases*

adhesions, autopsy findings (Rus) 25761

adhesions, bronchographic changes (Ger) 29084

adhesions, multiple, with massive pulm. systemic shunt 46511

adhesions, pathogen. & structure (Rus) 21892

caused by puerperal micrococcal sepsis, case report (Sp) 21108

micrococcal infect. in inf. & child., develop. of immun. during dis. (Fr) 53017

pleural seq. of staphylococcal pneumonia 11781

pleuropulm. dis. with clear latero-tracheal x-ray images caused by esophageal distension, diag. problems (Fr) 50559

pleuro-pulm. Micrococcus pyogenes infect. in inf. ther. (Fr) 54453

ther., emetine in undeterm. pleuropulm. amebiasis, case report (Fr) 50556

*fistula*

colo-pleuro-bronchial, traum., case report (It) 47810

*metabolism*

colloidal chromic radiophosphate & radiogold, comparison of distribution after intrapleural inject. in guinea pig 47365

colloidal chromic radiophosphate, distribution after intrapleural inject. in guinea pig 47364

*neoplasms*

cytodiag. by exam. of pleural fluid (Ger) 24168

diffuse malignant tumor, surg., pleuropneumonectomy (Fr) 20520

fibromesothelioma of parietal pleura, surg., technic (Sp) 30944

ganglioneuroma, tomography (Rus) 10810

giant parietal fibroma, case reports (Sp) 18841

lipoma, x-ray manifest. as opacification of right heart-diaphragm angle on x-ray (Ger) 25802

lymphangioendothelioma, case report (Hun) 51438

manifest. by pachypleuritis, case report (Fr) 50771

mesothelioma, diag. (Ger) 22805

mesothelioma, histol. & surg. (Ger) 22219

mesothelioma, surg. (Ger) 30267

metastatic sarcoma from uterus, of stromal origin with extensive calcification, clin. pathol. conf. 43149

neurilemmoma, malignant mediastino-pleural (Fr) 28361

primary (Fr) 28373

primary types, pathol. & case reports 17897

*pathology*

biopsy, diag. value in lung cancer (Ger) 22773

in collagen dis. (Ger) 27200

metaplastic changes in visceral pleura in case of cystic fibrosis of pancreas 51041

needle biopsy in evaluation of pleural effusion of neoplastic origin 14752

pleuropericardial infiltration in acute leukosis, case report (Fr) 32373

*physiology*

eff. of stimulation on blood pressure, resp. & lymph flow (Rus) 49561

intrapleural pressure in ascites due to liver cirrhosis 40916

penetration of avian erythrocytes from peritoneal into pleural cavity (Rus) 13578

regen. after mesothelial chem. inj. (Rus) 33297

regen. after mesothelial inj. (Rus) 33298

*surgery*

pleurectomy (Fr) 21758

pleurectomy in pulm. tuberc., with pre- & postop. exercise ther., eff. on resp. funct. (Fr) 21333

pleurectomy, postop. lung funct. (Sw) 45320

pleurectomy with & without pneumonectomy in tuberc. pleural empyema, comparison with plastic repair (Ger) 22202

*PLEURAL EMPYEMA see* EMPYEMA, PLEURAL

*PLEURAL TUBERCULOSIS see* TUBERCULOSIS, PULMONARY

**PLEURISY**

effusion, diag. value of x-ray exam. in different positions (Fr) 18007

effusion, differ. diag., role of thoracotomy 47506

effusion in lupus erythematosus, pancreatitis, pseudocyst of pancreas & liver cirrhosis 27521

effusion in nephrosis & glomerulonephritis in child., x-ray aspects (It) 24965

effusions after commissurotomy in mitral patients, ther., prednisolone (It) 43554

effusions, diag. & ther. 15997

effusions, differ. biopsy diag. 41069

effusions in child., x-ray diag. with subject in lateral position (Ger) 52166

hemorrh. pleural effusion as manifest. of scurvy 6147

interlobar effusion with pericarditis 56

sero-fibrinous, etiol. & diag. (Fr) 54164

*case reports*

cholesterol pleurisy (Sp) 31818

emergency thoracotomy in purulent dis. in child. (It) 6966

interlobar (Fr) 28376

pleuro-pericarditis with Q fever (Fr) 37913

unusual case, clin- & x-ray aspects (Bul) 32827

viral, sero-fibrinous interlobar (Fr) 37917

*complications*

eosinophilia (Fr) 18566

pneumonia, with idiopathic pneumoperitoneum (Dan) 52734

post-pleurisy lesions, x-ray diag., transverse tomography (Ger) 22344

urogenital tuberc. in pleurisy with effusion (Cz) 9452

*diagnosis*

x-ray, invisible pleurisy (Fr) 28368

*differential diagnosis*

posterior paramediastinal, from mediastinal tumor (Rus) 45239

*epidemiology*

in Fr. soldiers, bronchoscopic diag. & ther. (Fr) 9253

*etiology and pathogenesis*

amebiasis (Fr) 43735

cancer manifested by hemorrhagic pleurisy (Fr) 33382

influenza 37628

influenza, Asian virus A (Ger) 11152

influenza, manifest. & virol. (Fr) 43741

pachypleuritis, manifest. of cancer of pleura, case report (Fr) 50771

postmyocardial infarct pleurisy with recur. pericarditis 27821

rheum. arthritis, case report (Fr) 9654

*experimental*

demonstration of role of mediators in turpentine pleurisy in rats by exper. suppression of inflamm. changes 51014

induction of aseptic pleurisy before thoracotomy in rabbits (Rus) 54569

*in infant and child*

mediastinal, relation to scoliosis develop. (Ger) 34243

*manifestations*

striae atrophicae (Ger) 12104

*physiology*

intrapleural pressure in pleurisy with effusion 17430

*therapy*

cortisone & deriv. in exudative pleurisy (It) 44330

hydrocortisone acetate in exudative tuberc. pleurisy (It) 29673

hydrocortisone & prednisolone, admin., intrapleural (It) 39526

**PLEURODYNIA, EPIDEMIC**

*blood in*

fibrinolytic & blood protease reactions (Ger) 11165

*epidemiology*

in California 34877

*etiology and pathogenesis*

Coxsackie B virus infect., clin. manifest. & demonstration of virus (Sp) 53955

*in infant and child*

caused by Coxsackie B5 virus, case reports 26417

in children's orthopedic home (Ger) 55514

*manifestations*

in Borholm dis. 53297

*microbiology*

isolation of Coxsackie B virus (Bel) 32770

**PLEUROPNEUMONIA-LIKE ORGANISMS**

assoc. with genital infect. 37719

Asterococcus mycoides, adaptation to rodents 5629

in skin in various skin dis. (Ger) 25290

isolation from cattle with shipping fever 12732

isolation from ovine pneumonia lesions, pathogenicity in lambs 15239

*culture*

(Tur) 45443

*infections*

Asterococcus mycoides infect., prod. in rodents, histopathol. of lesions & value of mouse-passage for isolation of A. mycoides in diag. of bovine infect. 5629

*metabolism*

galactan from Asterococcus mycoides 19698

lipid requirements 4714

*PLUMMER-VINSON SYNDROME see* DEGLUTITION DISORDERS

**PLUTONIUM**

*effects*

induction of lung tumors in rats, radioautographic & histopathol. studies 51299

*injurious effects*

contamination of wds., estimation by gamma-ray spectrometer 13336

*metabolism*

deposition in human skin, radioautographic analysis 35465

eff. of age & mode of ingestion on absorp. in rats 20732

translocation & excretion of pulm. deposited plutonium oxide in dogs 23304

*toxicity*

eff. on liver nucleic acids in dogs (Rus) 33561

radioautographic localization & measurement of radiation dos. in dog bones 51302

**PNEUMOCOCCAL INFECTIONS**

*see also* PNEUMONIA

endocarditis, review 24327

peritonitis, clin. aspects, surg. & case reports (Sp) 9708

*case reports*

pericarditis & pneumonia 10694

*experimental*

eff. of medication sleep & penicillin (Rus) 52966

*therapy*

oral phenoxymethyl penicillin in moderate & severe pneumococcal pneumonia 46426

*PNEUMOCOCCUS see* DIPLOCOCCUS PNEUMONIAE

**PNEUMOCONIOSES**

*see also* SIDEROSIS

*see also* SILICOSIS

asthracosilicosis, work capacity determ. (Rus) 54585

chem. & histopathol. study in iron ore miners (Fr) 28352

classif. (Cz) 30941

in coal miners, classif., manifest. & case reports 31631

radiol. survey of No. Rhodesian miners 30145

resp. funct. & dis. among workers in alkaline dusts 48204

review 42075

review (Sp) 4087

stannosis in foundry workers & exper. pathol. in guinea pigs 4236

with pulm. tuberc. in coal miners (Cz) 30953

*complications*

aseptic cavitation of pseudotumors in anthracosilicosis, clin. & x-ray manifest. review (Fr) 50554

bronchitis in miners (Ger) 25182

endobronchial rupt. of tuberculo-anthracotic glands in aged (Fr) 32065

rheum. arthritis in asbestosis, histol. 10310

rheum. arthritis in boiler-scaler, histol. & x-ray manifest. 10308

rheum. arthritis in foundry worker, histol. & x-ray manifest. 10309

*differential diagnosis*

soot lung from anthracosis (Ger) 15387

*epidemiology*

in comb cutters in Germany (Ger) 15377

in miners in France (Fr) 6349

in U. S. 472

*etiology and pathogenesis*

barium sulphate in paper workers, x-ray diag. (Ger) 3606

dust of ocher earth (Fr) 47757

in German ore miners (Ger) 25222

kaolin in Singapore, case reports 6484

*experimental*

calcium fluoride dust-induced tissue reactions in lungs of rats 26042

coal dust-quartz mixture-induced tissue reaction in lungs of rats 28043

dust deposits & lesions after inhalation of coal & hematite dust, without develop. of fibrosis in rats & rabbits 5622

pathogen. in guinea pigs & rabbits (Rus) 9243

prod. by aluminum powder alone & with quartz powder in rats 5656

*in infant and child*

caused by silicon dioxide dust air pollution (Rus) 49785

*manifestations*

non-occup. (Rus) 9244

stannosis, clin. manifest. 4237

x-ray manifest. in grain workers & oil & flour millers 14152

*pathology*

11596

dust content of lungs of coal workers in Gt. Brit. 48203

*prevention and control*

in Italy, mass chest x-ray activities of mobile stations of National Institute of Accid. Prev. (It) 21007

relation to physiol. mechanisms of lung defense against dust (Fr) 6347

sampling, measuring & prev. of airborne dust 11599

*physiology*

funct. consequences in iron miners (It) 52065

*statistics*

in coal miners of Northumbrian collieries, England 26044

incidence in porphyry quarry workers (Fr) 25398

*PNEUMOCYSTIS CARINII PNEUMONIA* *see* PNEUMONIA, INTERSTITIAL PLASMA CELL

*PNEUMOENCEPHALOGRAPHY see* VENTRICULOGRAPHY

*PNEUMOGASTRIC NERVE see* NERVES, VAGUS

**PNEUMOMEDIASTINUM**

*artificial*

anterior, in child, use of carbonic anhydride (Sp) 21121

diag. of thymic changes (It) 29659

eff. of protoporphyrin in erythrocytes & on resp. funct. (Fr) 44606

eff. on free protoporphyrin level in erythrocytes (Fr) 15096

induction methods in pneumotomography (Ger) 12048

*case reports*

with cutaneous emphysema after oxygen ther., regression (Ger) 25278

*diagnosis*

traum. (Sp) 27208

*etiology and pathogenesis*

endotracheal anesth. (Pol) 8100

*in infant and child*

case reports (Cz) 14862

in measles (Ger) 25279

neonatal (Sp) 36853

**PNEUMONECTOMY**

(Bul) 28748

adjuvant cortisone replacement ther. in poor risk pulm. tuberc. 18352

after thoracoplasty (Hun) 6339

appar. for suturing lung stump (Rus) 49219

bilateral in tuberc., results (Por) 53886

bilateral one-stage (Dut) 43063

breathing exercises before & after surg. (Ger) 54944

bronchial stump healing (Ger) 55720

bronchospirometry, Armaud's method, of remaining lung after pneumonectomy (Ger) 22207

by axillary incision, technic (Ger) 23178

carcinoma cells in pleural cavity washings after pneumonectomy or lobectomy 38071

cardioresp. funct. following various types of pneumonectomy (Hun) 10580

in community hosp. 50892

intra-arterial blood transfusion in (Rus) 5959

postop. intrathoracic pressure changes, hemodynamic eff. (Ger) 29083

postop. oleothorax as pleural space prosth., follow-up statist. 5872

postop. x-ray exam. 8561

radical, clin. significance of cor pulmonale in reduction of cardiopulm. reserve 5892

remote results, x-ray study (It) 20940

segmental resection 27260

segmental resection, postop. resp. funct. (It) 37432

simultaneous bilateral, indic. & technic (Hun) 43443

total & partial, postop. work capacity (Rus) 41677

with artif. hibernation (Ger) 11411

x-ray exam. of lungs in (Ger) 3607

*complications*

(Dut) 43062

accid. section of displaced right pulm. artery mistaken for pulm. vein, causing excluded lung synd. (Por) 8779

bronchial fistula, x-ray diag. (Rus) 21893

cavitary pseudorecur. in situ of pulm. tuberc. following segmental resection (Fr) 43740

in pulm. tuberc. 37997

left lung, massive stomach cascade 17 years after surg. (Ger) 26164

pleurisy, contralateral, postop. in pulm. tuberc. (Sp) 8723

pneumothorax, spontaneous, contralateral, case report (Hun) 6343

postop. bronchial stump insuff. (Ger) 11014

postop. esophageal fistula, case report (Fr) 43758

postop. pulm. hypertension, eff. of preop. occlusion of pulm. artery (Fr) 54041

postop. pulm. infarct. in segmental resection in pulm. tuberc. 41454

prev. by postop. admin. of oleandomycin-tetracycline prep. (Sp) 6615

thoracic duct inj. in pulm. tuberc. (Rus) 31186

*experimental*

eff. of intrapleural oxygen on arterial blood in dogs (Ger) 34027

technic & eff. on body weight in rats & dogs (Fr) 26678

*in various diseases*

bilateral in bronchiectasis, preop. care (Ger) 29014

bilateral metastatic osteogenic pulm. sarcoma, case report 49193

bronchial carcinoma, reasons for palliative resection (Ger) 39849

bronchiectasis in child. (Pol) 16043

bronchiectasis, postop. statist. 8489

cancer of lungs 5889

cancer of lung, anesth. technic 37537

cancer of lungs, determ. of resectability of primary cancer by mediastinal & pulm. angiography 37995

cancer of lungs, immediate postop. care 43095

cancer of lungs, in patients when complete preop. diag. was impossible, statist. 43093

cancer of lung, progn. (Ger) 32173

cancer of lungs, remote results 5888

cancer of lungs, semiradical resection 21851

cancer of lungs, statist. 43092

cancer of pleura, diffuse (Fr) 20520

cancer, remote bronchial stump changes (Rus) 55332

echinococcosis, lobectomy & total pneumonectomy (It) 1517

esophagopulm. fistula, acquired benign 12713

gunshot wds. of thorax (Rus) 41561

lobectomy in peripheral cancer of bronchi (Ger) 7087

lung abscess with massive hemoptysis in 4-month old inf., emergency lobectomy 13482

metastatic cancer & process suspected of metastatic develop. (Dan) 22397

metastatic lung cancer 11789

pleuropneumonectomy in pulm. tuberc. with pleural empyema with bronchopleural fistula (Rus) 31240

postpneumonia lung abscess in child 22037

primary pulm. tuberc. in child. (Por) 18837

pulm. abscess & emphysema, early resection 3164

pulm. coin lesions 22905

pulm. tuberc., bacteriol. exam. of tissue samples during surg. (Hun) 45467

pulm. tuberc., bacteriol. study of surg. specimens (Fr) 24778

pulm. tuberc., clin. statist. 933

pulm. tuberc., comparison with thoracoplasty (Por) 21057

pulm. tuberc., early & late results (Ger) 39827

pulm. tuberc., early compl., incidence & prev. (Hun) 18593

pulm. tuberc., early indic. & progn., statist. (Fr) 26180

pulm. tuberc., eff. on resp. (Fr) 32054

pulm. tuberc., excis. of increasing bullous cavity (Fr) 9254

pulm. tuberc., immediate results & follow-up 24722

pulm. tuberc., importance of preresection drug ther. 35907

pulm. tuberc. in Brit. soldiers, statist. 41414

pulm. tuberc., in child. (Fr) 30438

pulm. tuberc. in child. (Por) 52990

pulm. tuberc. in child. & adolescents, results (Ger) 19083

pulm. tuberc. in child., indic. (Pol) 16040

pulm. tuberc. in child., preop. & postop. spirometry & bronchography (Fr) 30447

pulm. tuberc., in diabetics (Ger) 34356

pulm. tuberc. in pregn., eff. of surg. progr. on frequency of ther. abortion (Ger) 6729

pulm. tuberc. in pregn., incidence & postop. course 12788

pulm. tuberc. in Trinidad, clin. statist. 22719

pulm. tuberc., late results (Ger) 37003

pulm. tuberc., open cavernostomy for superior segmental cavity in single remaining lung, case report 21741

pulm. tuberc., pleuropneumonectomy 27259

pulm. tuberc., pneumonectomy & lobectomy 8560

pulm. tuberc., postop. pulm. funct. tests 38396

pulm. tuberc., postop. recur. of lesions (Fr) 49734

pulm. tuberc., preop. & postop. protection with viomycin, thiazolsulfone & pyrazinamide ther. 15545

pulm. tuberc., relation of progn. & results of resection to bronchial lesions (Pol) 16046

pulm. tuberc., resection of residual lesions, indic., compl. & case reports (Sp) 44579

pulm. tuberc., segmental resection (Por) 53850

pulm. tuberc., segmental resection, methods, indic. & compl. (Sp) 44577

pulm. tuberc., statist. 48391

41453

pulm. tuberc. statist. (Fr) 20517

pulm. tuberc., statist. (Por) 8784

pulm. tuberc., value of tomography in 35° oblique anterior profile (Fr) 20524

pulm. tuberc., with antibact. ther., results (Rus) 31175

tuberc. bronchostenosis 17462

tuberc. of tracheobronchial lymph nodes in child. (Pol) 16041

16042

tuberc. pleural empyema, with pleurectomy, comparison with plastic repair (Ger) 22202

*statistics*

(It) 25543

**PNEUMONIA**

*see also* BRONCHOPNEUMONIA

*see also* PULMONARY FIBROSIS

aspiration pneumonia, review 49180

bovine, in newly weaned calves 4641

chronic, differ. diag. & surg. (Ger) 55710

diag. & ther. (Ger) 3236

diag. & ther. of various pneumonias, review 42076

diag., ther. & progn. (Nor) 45417

differ. diag., etiol., compl. & ther. 54860

hemorrhagic in mink, epidemiol. 15234

lipid pneumonia, review (It) 43626

postop., pathol. anat. & pathogen. (Rus) 33269

prev. in laboratory rats by Brucella bronchiseptica vaccine 4643

*blood in*
- proteins & sedimentation (Rus) 22156

*case reports*
- cholesterol pneumonitis, clin. pathol. conf. 52649
- clin. course of dis. in Korea (Bul) 32740
- fulminating bact. influenza pneumonia (Ger) 55646
- influenzal pneumonia in mitral stenosis 46612
- micrococcal cavitary pneumonia with influenza (It) 25698
- micrococcal infect. in young adults 27091
- Micrococcus aureus infect. 6437
- pneumonitis, with acute bact. endocarditis of aortic valve & pulm. edema, clin. pathol. conf. 7410
- surg. (Rus) 33213
- with pneumococcal pericarditis 10694

*complications*
- blood dis., course (Rus) 8042
- bronchial perf. during bronchoscopy in complicated pneumonitis, case report (Sp) 25935
- influenza (Rus) 51215
- influenza in acute pneumonia (Rus) 51214
- mediastinitis, pathol. (Rus) 33277
- of staphylococcal pneumonia, pleural seq. 11781

*epidemiology*
- chronic suppurative, increased incidence (Ger) 7083
- in East Africa 10317
- micrococcal pneumonia in naval hosp., incidence & epidemiol. 7429

*etiology and pathogenesis*
- adenovirus infect., case report (Fr) 43765
- Asian influenza 46434
- Asian influenza, clin. & pathol aspects 28101
  28114
- brain inj., morphol. & pathogen. (Rus) 33270
- changing etiol. (Ger) 46113
- chickenpox 5344
- chickenpox, case reports 9267
- chickenpox, severe form 18795
- chickenpox, ther. failure of ACTH & adrenal cortex hormones, x-ray manifest. 29753
- chickenpox virus, in adult, prednisolone ther. 24991
- gasoline aspiration (Rus) 51224
- hexamethonium ther. of hypertension causing interstitial pneumonitis 46437
- hydrocarbon pois. causing pneumonitis, x-ray manifest. 8567
- influenza 37626
- influenza, clin., microbiol. & pathol. aspects 33067
- influenza fulminating (Dan) 43224
- Klebsiella pneumonia (Fr) 21376
- liquid paraffin causing oil aspiration pneumonia 37697
- micrococcal infect. in adults 10423
- monilliasis tropicalis (Ger) 39020
- otogenic sepsis (Rus) 45725
- plasma cell myeloma 46421
- pleurisy, with idiopathic pneumoperitoneum (Dan) 52734
- pneumonitis caused by inhalation of mercury vapor in child. & young adult 20256
- postmyocardial infarct pneumonitis with recur. pericarditis 27821
- Pseudomonas aeruginosa, case reports 3853
- pulm. tuberc., morphogenesis (Rus) 33266
- rheum. fever, appearance of pulm. hyaline membranes, histopathol. (Ger) 27498

*experimental*
- eff. of avitaminosis A on appearance & pathogen. of Friedländer's pneumonia in rats (Rus) 33281
- eff. of exper. radiation sickness (Rus) 51765
- exper. model of Friedländer's pneumonia in rat, application to pneumonia in man (Rus) 33280
- induced by beryllium cpds. 46414
- Klebsiella pneumoniae, eff. of ozone on susceptibility of animals 17474
- Klebsiella pneumoniae, relation of insusceptibility to phagocytosis & virulence in mice 17476
- micrococcal, in radiation sickness, eff. of antibiotics (Rus) 8642
- pathogenic mechanisms of various types of pneumonia (Rus) 33263
- stages of oral clearance of Klebsiella pneumoniae type B from mice 5187
- virus pneumonia in pigs, comparative histopathol. with swine influenza 12751

*in infant and child*
- acid-base equilibrium (Rus) 20295
- adenovirus pneumonia 17924
- blood pressure changes (Rus) 43539
- case reports & review (Ger) 30055
- caused by Coxsackie virus, transm. from swine (Dut) 7311
- chemother. 48291
- chronic, clin. manifest. & ther. (Rus) 43538
- compl. during antibiotic & sulfonamide ther. (Ger) 19310
- congen. (Fr) 54145
- fatal case caused by adenovirus, clin. pathol. 16442
- fatal case caused by adenovirus, intranuclear inclusion bodies 16444
- fatal case caused by adenovirus, isolation of intermediate type virus 16445
- fatal case caused by adenovirus, postmortem pathol. 16443
- hosp. statist. (Rus) 33271
- in dysentery, pathol. (Rus) 33273
- in newborn inf., morphol. characteristics & pathogen. mechanisms (Rus) 33272
- lipoid pneumonia caused by cod liver oil (Nor) 54952
- management in hosp. (Rus) 53046
- micrococcal, diag. & ther. (Nor) 54979
- micrococcal, in young inf., case reports (Sp) 44535
- micrococcal, primary 47224
- micrococcal, with tension pneumothorax 54702
- micrococcal, x-ray diag. (Pol) 30714
- Micrococcus pyogenes aureus infect. 4444
- non-specific (Ser) 32615
- pathol. 2584
- pathol. (Pol) 32173
- pneumonitis in rheum. fever, pathol. 41265
- polyclinic serv. in Russia (Rus) 43536
- post-mortem pathol. in newborn inf. (Pol) 30386
- postop., after cardiovasc. surg., pathogen. (Rus) 27305
- postpneumonia lung abscess, lobectomy 22037
- postpneumonic pseudo-air cysts, x-ray findings (Ger) 3605
- rheum. pneumonitis, clin. & laboratory findings 17914
- skin temperature & sweat changes in one-year old child. (Rus) 43540
- with pulm. hemorrh. in hyaline membrane dis., autopsy findings 24885
- with rickets, ther. (Rus) 7914
- with sickle cell anemia, ther. 42043

*in pregnancy*
- micrococcal, in puerperal infect., case report (Pol) 8064

*microbiology*
- fungi (Rus) 33268

*pathology*
- lungs (Rus) 33278

*therapy*
- bact. & non-bact. pneumonia 43785
- combined ther. (Rus) 51213
- drug ther. 48274
- of various types of pneumonia (Sp) 48744
- oral phenoxymethyl penicillin in moderate & severe pneumococcal pneumonia 46426
- radiother. (Ger) 55377
- 3-sulfanilamido-6-methoxypyridazine (Nor) 45407

## PNEUMONIA, INTERSTITIAL PLASMA CELL
- diag. & physiopathol. (Fr) 25445
- in premature inf., review (Sp) 295

*case reports*
- 38039
- fatal case 21856
- 1st case diag. during life in No. Amer. 38050
- in Korean inf., autopsy findings 54596
- in premature inf. 32492

*epidemiology*
- in Canada (Fr) 13012
- in Germany (Ger) 42875

*etiology and pathogenesis*
- adenovirus, theory (Ger) 34104

*experimental*
- develop. cycle of Pneumocystis carinii in rat (Ger) 33540
- histopathol. in rats (Ger) 45799
- induction & prev. in animals (Ger) 55639
- induction by long-term cortisone-penicillin-streptomycin admin., pathogen. & histopathol. in rats (Ger) 27500

*in aged*
- with pulm. tuberc. & influenza in 67 year old male (Ger) 23121

*microbiology*
- Monilia albicans in lungs, failure of fluorescence-serol. demonstration in premature inf. (Ger) 46244
- Pneumocystis carnii-like forms in tissue culture (Ger) 34101
- yeast Hansenula anomala isolated from lungs of inf. 19455

*pathology*
- histopathol. 48421
- histopathol. of focal form (Ger) 23126

## PNEUMONIA, LOBAR

*case reports*
- develop. of lobar pneumonitis during med. ther. of malignant hypertension 18425

*experimental*
- pneumococcal, morphol. in rats (Rus) 33282

*in infant and child*
- desquamative, causing sudden death (Ger) 27505

*manifestations*
- x-ray manifest. (Ger) 33901

*pathology*
- morphol. changes of lungs in untreated croupous pneumonia (Rus) 33264

*therapy*
- penicillin & sulfanilamide, post-ther. pathol. anat. in croupous pneumonia (Rus) 33265

## PNEUMONIA, PRIMARY ATYPICAL

*in infant and child*
- (Fr) 51498
- caused by eruptive dis. (Fr) 51497
- isolation of adenovirus type 1 from lung of fatal case in 14-month old child 11641
- with infect. mononucleosis, case report (It) 52122

*PNEUMONIA, VIRAL see* PNEUMONIA, PRIMARY ATYPICAL

*PNEUMONOLYSIS see* COLLAPSE THERAPY

## PNEUMOPERICARDIUM

*etiology and pathogenesis*
- pneumoperitoneum in laparoscopy (Ger) 46105

*in infant and child*
- hydropneumopericardium as manifest. of esophagopericardial fistula caused by for. body, case report 5873

## PNEUMOPERITONEUM
- idiopathic 27046

*case reports*
- idiopathic 37992
- idiopathic spontaneous (Hun) 52920

*complications*
- pneumopericardium (Ger) 46105
- unusual case (Ger) 45951

*diagnosis*
- x-ray diag. during x-ray of gastrointestinal system after barium meal (Fr) 41385

*etiology and pathogenesis*
- attempted abortion (Ger) 34592
- idiopathic, in pleuropneumonia (Dan) 52734

*in infant and child*
- after laparotomy, significance 53715

## PNEUMOPERITONEUM, ARTIFICIAL
- exper. acute retroperitoneal carbon dioxide insufflation in dogs, tolerance 55039
- in intravenous urography, value (Rus) 10780
- indic. & ther. results (Hun) 10584
- oblique lateral projection with patient supine for visualization of subdiaphragmatic air 51554
- technic & results (Ger) 37010

*complications*
- angiosarcoma of spleen, case report 49192
- fibrin bodies in peritoneal cavity (Ger) 34344
- peritonitis encapsulans (Fr) 43986

*effects*
- eff. of open pneumothorax on neurohumoral regulation in animals (Rus) 7804
- on exper. inflamm. reaction induced by thermal burn in rabbit ear, neurol. significance (Rus) 13849

*in various diseases*
- cancer of pancreas 24657
- diag. value in gyn. dis. (Rus) 55245
- hernia, esophageal hiatal 12794
- in x-ray diag. of stomach & esophagus neoplasms with double contrast technic (Rus) 5982
- pulm. emphysema (It) 20966
- pulm. emphysema, malignant (Fr) 50780
- retropneumoperitoneum in absence & aplasia of kidneys (It) 42535

retropneumoperitoneum in x-ray diag. of lumbo-aortic lymph node neoplasms (It) 20941

PNEUMOTHORAX

*see also* HEMOPNEUMOTHORAX

non-tuberc., etiol. & ther. (Fr) 49731

spontaneous (Hun) 7704

spontaneous, pathogen, & ther. (Ger) 22789

*complications*

emphysematous bullae, surg., indic. & technics (Fr) 18553

laryngeal paralysis after spontaneous pneumothorax, case report 14159

*differential diagnosis*

giant bullous emphysema simulating total pneumothorax (It) 3643

*etiology and pathogenesis*

Asian influenza causing spontaneous pneumothorax, case reports 9820

endometriosis of diaphragm causing chronic recur. spontaneous pneumothorax 26151

endotracheal anesth. causing subcutaneous pneumothorax (Pol) 8100

osteogenic sarcoma, pulm. metastasis causing spontaneous pneumothorax 14549

pneumonectomy causing spontaneous contralateral pneumothorax, case report (Hun) 6343

pulm. cancer, case reports (Fr) 6319

pulm. metastasis of Ewing's tumor (It) 31626

spontaneous, caused by sarcoidosis 36114

spontaneous, in influenza (Ger) 11002

spontaneous pneumothorax in asthmatic (Fr) 53241

tuberc., pulm., hist. (It) 13517

*experimental*

open, eff. on neurohumoral regulation of resp. & blood circ. in animals (Rus) 7804

*in infant and child*

micrococcal pneumothorax & pyopneumothorax in Czech. (Cz) 38318

pyopneumothorax caused by Bacterium antiratum in inf., fatal case (Hun) 52891

pyopneumothorax caused by pleuropulm. Micrococcus pyogenes infect. (It) 6803

spontaneous, caused by vegetable for. body in bronchus, case report 32581

spontaneous in newborn, etiol. & ther. 47317

tension pneumothorax in micrococcal pneumonia 54702

with partial absence of diaphragm (Ger) 23118

*manifestations*

x-ray, paradoxal opacity with hypertransparent stump (Sp) 15474

*surgery*

aspiration in spontaneous pneumothorax by using plastic needle 4464

methods 45811

*therapy*

kaolin pleurodesis in spontaneous pneumothorax 15548

spontaneous, methods (Ger) 37008

spontaneous, thoracoscopy pleural poudrage & intrapleural suction 55277

PNEUMOTHORAX, ARTIFICIAL

adjuvant bacteriostatics (Rus) 31225

combined intrapleural & extrapleural pneumothorax, indic. (Sp) 1810

current value, review (Fr) 53244

extrapleural, reflex regulation of pulm. volume (Rus) 33211

extrapleural technic in ambulatory cond. (Rus) 31197

in inf. & child. (Bul) 32820

in pulm. tubere., with antibiotics, incidence of recur. (Fr) 32074

in recur. tuberc. (It) 29649

indic., compl. & results in pulm. tuberc. 49179

intrapleural in pulm. tuberc. ulcerations, indic. (Sp) 1800

resp. response to acute progressive pneumothorax 4654

surg. correction of inadequate pneumothorax (Bul) 16429

with drugs (Rus) 31199

*apparatus and instruments*

appar. for simultaneous aspiration of air from both pleural cavities in bilateral pneumothorax (Rus) 3411

*complications*

hemorrh., ther., cauterization (Rus) 9884

postop. hemopneumothorax, trypsin ther., case report (Sp) 43899

postop. recur. (Rus) 31196

serous exudates after extrapleural pneumothorax, ther., prednisolone (It) 18533

*effects*

on pulm. circ. in dogs 48731

on resp. funct. (Fr) 48726

PODOPHYLLUM

emodi & Podophyllum peltatum, chem. analysis 27483

*poisoning*

fatal case (Ger) 36494

*related compounds*

podophyllotoxin, eff. on exper. inflamm. (Cz) 38245

podophyllotoxin, eff. on small intestine & colon of rats & guinea pigs (Fr) 1063

POIKILODERMA ATROPHICANS VASCULARE

*case reports*

(Indonesian) 6330

*complications*

mycosis fungoides, ther., radioyttrium (Ger) 3203

POISON IVY DERMATITIS

hyposensitization by cashew nut shell oil 16

*experimental*

in Rhesus monkeys 5224

3-pentadecylpyrocatechol-induced poison oak dermatitis in guinea pigs, eff. of various ther. prep. 9971

*therapy*

jewelweed tincture 13148

POISONING

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

*see also* ARACHNIDISM

*see also* BITES AND STINGS

*see also* CHEMICAL WARFARE

*see also* FOOD POISONING

*see also* LATHYRISM

*see also* LEAD POISONING

*see also* SNAKE BITES 20499

accid. chem. pois. in New York City 7454

chem. suicidal pois. 4148

clin. aspects & ther. (Ger) 18964

diag. & ther. 43696

indust. chem. pois. causing liver dis., review (It) 44369

measurement of tox. & method of reporting toxicol. information 23374

methods of medicolegal investigation of suicide by drugs & chemicals 54865

of aircraft personnel as cause of accid. (Fr) 12047

*case reports*

accid. ingestion of chem. in New York City 7470

chem. pois., suicide attempts by adults 19907

*complications*

coma caused by chem. pois., ther. 5336

*experimental*

induction by inhalation of aerosols, determ. of particle intake in exper. animals 23375

*in infant and child* 42807

accid. 52682, 53766

accid. (Nor) 54982

accid., caused by anti-rust household products, incidence & case reports (Fr) 25498

accid. chem. pois. in New York City 19887, 30158

accid., statist. & prev. (Fr) 7507

by drugs & domestic products, in child. treated at Hosp. Infantil de México (Sp) 37258

Christmas holiday poison hazards 52613

hazard prev., Swedish information center (Sw) 54488

in New York City, reports of cases in child. under care of grandparents 52669

incidence & prev. (Ger) 52228

pois. by household products, prev. & ther. (Fr) 15227

prev. & control in U. S. 10987

prev. by safety measures in storage of poisons (Sw) 45356

role of parents' carelessness (Nor) 54981

*manifestations*

neurol. manifest. of chem. pois., ther. 3658

vestibular chronaxy in pois. by ingestion of toxic substances (Fr) 9648

*prevention and control*

accid. pois., clin. & pub. health progr. 4517

chem. household hazards 20500

in U. S. 22908

information centers in Sweden (Sw) 32833 32835 32853 32855

National Clearinghouse for Pois. Control Centers 8513

pois. control program in Illinois 27960

Poison Control Centers, role of pharmacists 4084

Poison Information Center in Minnesota 42814

*statistics*

accid. chem. pois. in New York City 19919, 30180

accid. home pois. 14633

accid. pois. in Connecticut 27043

hazards at home (Sw) 32834, 32854

*therapy*

antidotes, review (Rus) 33463

desintoxication, mechanisms, review (Rus) 33454

edathamil in metal pois. in animals (Fr) 9169

emergency ther. 4512

first-aid ther. 45820

hemodialysis in acute pois., review & case reports 23392

POISONS

*see also* VENOMS

bact. endotoxins, acquired tolerance to its pyrogenic action by decrease in ability of animal blood to augment febrile response to endotoxin 48376

control of sale of poisons in Gt. Brit. 37880

demonstrability in exhumed cadavers (Ger) 27142

determ. of sodium silicofluoride in pesticides (Rus) 3816

hemicholiniums, cholinergic funct. 12979

labeling requirements & systems in U. S. 23373

pharmacist's role in poison control 49961

toxic substances in airplanes, review (Dut) 12029

toxicol. inform. serv. to physicians as responsibility of drug indust. (Ger) 8145

toxicol. problems in forensic med. (Cz) 48585

toxins of poisonous fishes, determ. by response of mongoose to ingestion of fish 20750

*effects*

animal poisons on erythrocyte hemolysis (Ger) 33969

hemicholinium inducing myasthenic like neuromusc. transm. in cat musc. 52298

toxic eff. & biochem. mechanisms (It) 27653

*POLAR REGIONS see* CLIMATE

*POLAR REGIONS see* COLD

POLAROGRAPHY

behavior of micro-electrodes in mechanically renewed surface (It) 53826

in pharmaceutical analysis, review (It) 13826

spectropolarimetry, appar. & application (It) 15747

uses in med. (Sp) 51624

POLIOMYELITIS

acute, compl. & ther. 9822

anesth. & postop. care of polio. patient with residual paralysis undergoing cholecystectomy 14571

epidemiol. in Iceland & differ. diag. from benign myalgic encephalomyelitis (Dan) 52742

Fr. portable respirator for air evacuation of patients (Fr) 29232

paralytic, research 6286

prev. & ther. (Ger) 29444

printed form for exam. of polio. patient & evaluation of rehabil. ther. (It) 6844

recur. (Rus) 34719

review (It) 54198

review (Sp) 6842

*blood in*

hemographic findings (Ger) 48149

proteins (Rus) 34788

*case reports*

atypical forms (Rus) 34709

*cerebrospinal fluid in* (Fr) 9098

normal fluid in acute stage (Ger) 3239

*complications*

acute facial nerve paralysis (Rus) 28825

cardiovasc. (Rus) 21887

hip dislocation, orthopedic problems 21854

ment. disord. (Rus) 34789

mixed infect. with ECHO virus type 9, epidemiol., clin. & virol. research (Ger) 39863

musc. compl., surg., premedication with cocarboxylase (Fr) 12986

osteoporosis in paralytic polio., ther. total bone extract (It) 6956

otitis media & mastoiditis (Fr) 30330

outwardly rotated leg, correction 50392

paralysis, early management (Ger) 16103

paralysis, electrodiag. & electrother. (Ger) 36474

paralysis lasting more than 2 years in Indian child., distribution, type & degree 16319

paralysis of arm, funct. splint (Rus) 52868

paralysis of leg musc., surg., quadriceps femoris graft (It) 25618

paralysis, ther., interference currents & ultrasonics (Sp) 29369

residual seq., combined ther. (Rus) 21888

short leg, natural hist. 50391

shortening of leg, progn. 41854

spastic feet, phys. ther. in treatment of tendinous grafts (Sp) 29366

thrombophlebitis 30113

thrombophlebitis in severe polio. 30113

unusual sympt. of intercurrent dis. in polio. patients 5409

urolithiasis, statist. 18152

vasc. disord. of extremities, arteriography (Ger) 15843

***diagnosis***

complement fixation reactions (Ger) 3263

plate complement fixation test, evaluation 40307

***differential diagnosis***

benign myalgic encephalomyelitis, case report 40914

chronic anterior, from myelopathic progressive musc. atrophy (It) 32144

facial paralysis (Ger) 38979

influenza (Rus) 46345

***epidemiology***

(Por) 40216

acute anterior in Iceland (Icelandic) 28956

clin. changes (Ger) 15409

eff. of weather (Fr) 9097

epidemic in Brit. Guiana, diag. use of portable tissue culture laboratory in field studies of suspected cases 806

epidemic in Castrolizaro, Spain (Sp) 48679

epidemic in So. Sumatra 10520

in Argentina (Dut) 7378

in Belgian Congo & Ruanda-Urundi (Fr) 1085

in Central & So. America, endemic & epidemic trends 26402

in Chile, statist., environmental factors & prev. (Sp) 21099

in England & Wales, incidence in normal child. 29787

in Europeans in So. Rhodesia, statist. of Walker Wilkins Infect. Dis. Hosp. 14792

in Fr. Equatorial Africa (Fr) 6416

in Hungary, epidemic in 1957 (Hun) 19746

in Israel (Heb) 3969

in Russia (Rus) 7899

7891

in Uruguay, findings on the 1955 epidemic (Sp) 36844

in Yugosl., seasonal factors (Ser) 27057

naturally occurring polio. antibody in Hamilton, Montana 53679

***etiology and pathogenesis***

non-specific factors (Fr) 48840

relation to tonsillectomy (Fr) 21349

surg. or accid. trauma of upper resp. tract (Fr) 32002

***experimental***

contact transm. of infect. in monkeys 31391

intracerebral inoculation of monkeys with attenuated type 1 polio. virus, exaggeration of paralytic eff. by inoculation of group A Coxsackie viruses 17245

***immunology***

acquired immun. (Ger) 6688

antibodies, disc-plate assay 48480

antibody prod. & behavior of organism after vacc. with inactivated polio. viruses, comparison with natural polio. infect. (Ger) 3278

antibody response in chim. following intradermal & oral admin. of formalinized polio. vaccine 6126

antibody response of pregnant women to polio. & vaccine & passive transfer to inf. 28428

antibody response to Fr. polio. vaccine, statist. (Fr) 54049

antibody response to 3 Salk vaccine inject. (Ger) 23009

antibody response to vaccine in preg. women & their inf. 4443

antibody titers in inhabitants of rural Belgian Congo (Fr) 1080

Brit. vaccine, case of allergic reaction in child to component penicillin, case 2353

complement fixation (Rus) 33659

complement fixation reaction using antigens from laboratory virus strains & from patient's own infecting strain, comparison 17407

complement fixing activity of polio. vaccine, relation to immunogenic potency 47206

complement fixing antigens of live & inactivated polio. virus, sensitive quantitative method of determ. 24427

complement-fixing antigens, type & group specific antigens in native & heated viral prep. 40305

dermal sensitivity to polio. virus in rabbits & rats after treatment by Lansing strain as antigen (Fr) 15099

develop. & testing of attenuated poliovirus vaccines 14290

eff. of active & formaldehyde-inactivated polio. virus in guinea pigs (Ger) 30052

eff. of natural & artificially induced immunity on alimentary infect. with polio. virus, Louisiana survey 807

halogen antiseptics in disinfect. of hands, comparison with potassium permanganate & chloramines (Ger) 55688

homologous neutralising antibody develop. during type 1 polio epidemic 17393

immune human globulin in ther. of herpetiform lesions of mouth, AMA council report 4470

in newborn inf., poliocidal eff. of amniotic fluid 44078

incubation time necessary for demonstration of neutralizing antibodies in carcinoma cell cultures (It) 9350

live attenuated poliovirus vaccine 14302

live virus vaccine (...us) 55186

maternal admin. of Salk vaccine, antibody response to neonatal vacc. in inf. (Sp) 13907

natural & Salk-vaccine-induced maternal antibodies in newborn inf. & eff. of orally administered live poliovirus (Sp) 8823

natural immun. in people of Naples (It) 9360

neurol. sympt. possibly related to polio. immun. 45555

neutralizing antibody levels 1 year after vacc. with TN type II virus vaccine 14291

neutralizing anti-polio. antibodies in adults of Bologna (It) 9359

neutralizing anti-polio. antibodies in child. from different soc. groups of same town (It) 9361

neutralizing antipolio. antibodies in Greeks, survey (Fr) 13046

oral vaccine of MEPI strain poliovirus type II, chick-embryo adapted (Sp) 8822

oral vaccine with live avirulent viruses (Ger) 54349

paraimmunol. relation to herpes, review (Rus) 33643

review 4207

review (Fr) 9179

Salk vaccine (It) 44819

54204

Salk vaccine (Por) 51649

Salk vaccine causing menstruation disord. 18742

small-scale trial of type III attenuated living poliovirus vaccine in child. 14293

vaccine (Sp) 3321

vaccine causing allergic reaction, relation to penicillin content of vaccine 52638

vaccine, causing severe allergic reaction 7455

vaccine, determ. of formaldehyde content, technic (It) 9349

vaccine, hist. of develop. 45076

vaccine made from living attenuated virus (Fr) 1089

vaccine, necessary number of inject. for effective & prolonged immun. (It) 41906

vaccine prep., review 8337

vaccine stability 37721

vaccine, virus detection in lots used in Idaho in 1955 53660

***in pregnancy***

eff. on course of pregn. & on inf., case reports (Fr) 26279

obst. management 2990

***manifestations***

prodromes (Ser) 51703

***microbiology***

enteroviruses causing polio. 5408

***pathology***

changes in body composition 50720

paralytic bone lengthening following polio. 6196

vasc. pathol. of spinal cord 49626

***physiology***

EEG 43498

eff. of sympath. NS on longitudinal bone growth after polio. 36704

involvement of various musc. groups, practical aspects (Cz) 11849

resp., eff. of pneumatic breathing aid on ventilatory efficiency 17015

standard difference between axillary & rectal temperature in paralytic encephalospinal polio, due to differential inj. of brain stem & mesencephalon (Hun) 52884

strength of neck flexor musc. in postpolio. & normal child., comparison 1482

***prevention and control***

in Kentucky, polio. immunization program 50694

mass vacc. of school child., individual syringe technique 52798

preventable hosp. outbreaks 20877

vacc. (Por) 16483

vacc. (Ser) 41925

vacc. (Sp) 1806

vacc. before tonsillectomy 21738

vacc., clin. evaluation (Por) 40210

vacc. during epidemics (Ger) 52218

vacc. in Delaware, statist. 15261

vacc. in Hungary during epidemic in 1957, evaluation, statist. (Hun) 30280

vacc. in Hungary, results with intracutaneous Salk vaccine in 1957 23784

vacc. in Italy (It) 2502

vacc. in U. S. 53665

vacc., in U. S. & Denmark (Fr) 10217

vacc. of U.S. military personnel in Europe, voluntary program 18718

vacc. in USSR, results (Rus) 45632

vacc. of young inf., clinicostatist. study (It) 43475

vacc., performance directives for vaccinating physician (Ger) 39089

vacc., reasons for public apathy 53666

vacc., review (Fr) 21307

***psychology***

emotional disord. in child. 3026

psychoanalytic interpretation of depression in 6-year old boy, case report 44246

***statistics***

in adults in Russia (Rus) 45175

in Italy, seq. (It) 42685

incidence, mortal. & results of vacc., in various countries (It) 54215

***surgery***

myoplasty & orthopedic rehabil. (Ind) 28707

transposition of gluteus maximus, tensor fasciae latae & ilio-tibial band for paralysis of lateral abdom. musc. in child. after polio. 40626

***therapy***

acute, review (Ger) 15343

exercise ther., facilitation technics in movement rehabil. 20376

intermittent positive pressure resp. in inf. 291

motor disord. (Fr) 6390

neural ther. (Ger) 4058

phys. ther. (Por) 16477

phys. ther. & orthopedic surg., indic. (Fr) 44885

phys. ther. in India 20355

phys. ther. of seq., experience of Brit. polio. team in Argentina 20367

rehabil. (Ser) 51725

securinine (Rus) 39324

## POLIOMYELITIS, BULBAR

***complications***

cervical spine malposition causing speech disord. 5818

hyperpyrexia & resp. paralysis, ther., artif. hiberation 49214

hypertension in resp. polio. (Sp) 31019

myelitic synd. (Rus) 34780

paralysis of cervical musc., surg., total cervical spine fusion 50370

paralysis of deglutition & resp., otorhinolaryngol. aspects, review (It) 19269

resp. disord. (Fr) 35356

resp. disord., clin. aspects & ther. (Rus) 34700

resp. disord., emergency ther. & long-distance transportation (Rus) 34707

resp. disord., ther. (Rus) 33475

resp. disord., ther. appar., review (Rus) 34721

resp. insuff., surg., sequelae of tracheostomy in patients treated by Lassen method (Fr) 1034

resp. paralysis, eff. of respirators on blood gas pressure & ventilation 12000

resp. paralysis in newborn inf. 37739

resp. paralysis, modified tracheal canula for artif. resp. with poliomot (Ger) 3957

resp. paralysis, new type tracheal canula (Ger) 15371

resp. paralysis, ther. (Dut) 19728

resp. paralysis, ther. (Sp) 36852

resp. paralysis, ther., long-term endobronchial drainage (Ger) 15372

resp. paralysis, ther., review (Ger) 15348

urinary calculi, prev. in long-term respiratory patients 16609

urinary infect., hosp. statist. 51671

***pathology***

abnorm. in central regulation of resp. in acute convalescent polio. 65

***prevention and control***

vacc. in Belgium (Fr) 1086 1087 1088 2393 41432

vacc. in U. S. (Sw) 22126

resp. mechanisms (Sp) 44537

***surgery***

tracheotomy, indic., anesth. & methods 51351

***therapy***

acute (Ger) 52261

artif. resp., indic. & technics (Fr) 19351

cortisone deriv. & ACTH ther. of paralysis (Sp) 9705

exercise ther. (Ger) 6016

rehabil., funct. & vocational recovery evaluation 48757

## POLIOMYELITIS VIRUS

chem. composition, determ. by purification after labeling with radiophosphorus 22600

dissociation from neutralising antibody 10876

enterovirus characteristics 54544

fecal excretion of type 1 polio. virus from patients & their healthy contacts 12304

in intestines, review 54432

inactivation by high pressures, influence of temperature (Fr) 13044

interference & multiplicity reactivation among polio. viruses 10867

isolation & classif. of strains isolated from feces of polio. patients (It) 13929

isolation & classif. of types in relation to incidence of paralytic polio. (It) 13926

isolation of Hawaiian strains 4009

macrocrystalline patterns, electron microscopy 5909

New Haven strain, titration (Sp) 29543

strains isolated in Hungary during epidemic of 1957 (Hun) 43431

***culture***

casein hydrolysate medium, efficiency (Fr) 47403

changes in virulence of attenuated strains of polio. virus after passages in culture of human embryonic tissue 25172

correlation of virus yield with size of isolated tissue cultured cells 10850

growth in HeLa cells cultivated in calf serum, comparison with cells cultivated in human serum 35364

in HeLa cell cultures, eff. of glucose & glutamine on virus prod. 22606

in tissue cultures in special simplified synthetic medium (Fr) 2570

in vitro differentiation of virulent & attenuated polioviruses by their growth characteristics on MS cells 40810

infectivity of ribonucleic acid from polio. virus in human cell cultures 5011

interaction with antibody & HeLa cells in tissue culture system 22596

interaction with monkey kidney cells in vitro, eff. of environmental temperature 37573

interference with Coxsackie B & ECHO viruses cultivated in trypsinized monkey kidney cells 25171

intracellular behavior of virus after infect. of kidney monkey cell culture (Ger) 41769

isolation of virus on HeLa cell cultures & reculture on monkey kidney cells (It) 9362

survival in soil & plant root environment 45825

type I, detection in monkey kidney cultures inoculated with adenovirus type 4 17470

type 1, in rhesus monkey kidney cells, morphol. changes, comparison with ECHO virus type 9 culture (Ger) 41768

***effect of drugs on***

chlorine inactivation in water supply 12645

colchine on enzymatic activity & multiplication in tissue culture 3477

cystine stabilization of heat-sensitive strain of polio. virus 22599

formaldehyde inactivation of partially purified & concentrated Brunhilde strains (Ger) 55685

formaldehyde inactivation of polio. virus (Ger) 46259

neutral red on plaque form. in poliovirus-HeLa cell system 22607

***immunology***

antigen properties 13763

eff. of heat & ultraviolet rays on immunol. specificity of purified virus 50595

immunol. & phys. properties of poliovirus particles produced in tissue culture 28432

noninfect. complement-fixing particles, prod. in HeLa cells treated with proflavine 22602

sparing eff. of egg-adapted rabies virus on intracerebral infect. of mice with polio. virus 22609

specific precipitin reactions in gels 13764

## POLLEN

antibiotic & hyperglycemic properties of pollen stored by bees, comparison with fresh pollen (Fr) 38716

antigen from giant ragweed pollen, prep. & immunol. properties 17406

chem. constituents of pine pollen & their relation to sarcoidosis 561

content of pollen & spores in air, correlation with meteorol. cond. & hay fever complaints 20536

count in relation to seasonal variations in asthma 23537

counting with new volumetric impinger 50132

eff. of weather on pollen content of air 4399

electron microscopic study of structural develop. of pollen grain walls of diploid & tetraploid Saintpaulia ionantha varieties 39272

immune responses of rabbits to ragweed pollen antigens 4397

sensitization of guinea pigs with pollen extracts, subcutaneous method (Sp) 9729

survey of airborne pollens in Israel 1132

use of pectinase in pollen tube & pollen mother cell smears 54583

***extracts***

causing fatal reactions 26116

emulsified tree pollen extract, single annual inject. in ther. of pollen sensitivity 1122

instability of grass pollen extracts & research on stabilizing additives 23532

properties & composition of ragweed pollen extracts, influence of pH of extractant 1127

rye grass pollen extracts, biol. activity of extracts & their fractions 40129

rye grass pollen extracts, chem. & phys. properties of fractions 40128

rye grass pollen extracts, fractionation after dialysis 40127

rye grass pollen extracts, general properties 40126

water-insoluble whole ragweed pollen complex, prep. & standard. 50131

***injurious effects***

after ingestion of pollen, case report (Fr) 32019

almond pollen causing asthma 37951

## POLONIUM

in fish (Rus) 39610

***effects***

on gastric & small intestinal secretion in animals (Rus) 51767

on intestinal microbiol. in dogs (Rus) 55803

on liver desoxyribonucleic acid in rats (Rus) 51754

on liver glycogen fixation in animals (Rus) 51772

***POLYARTHRITIS, CHRONIC EVOLUTIVE*** *see* **ARTHRITIS, RHEUMATOID**

## POLYCYTHEMIA

review 50867

***blood in***

protein electrophoresis in polycythemia induced by cobalt chloride in guinea pigs (Fr) 38757

***case reports***

funicular myelosis in polycythemia (Rus) 44024

with reticuloendotheliosis (Sp) 18854

***complications***

leiomyoma of uterus 47013

***etiology and pathogenesis***

cardioresp. synd. of extreme obesity 18464

***experimental***

cobalt-inducted, manifest. & hematol. in rats & mice 40776

induction by cobaltous chloride admin. in humans 31447

mechanism of decreased erythropoiesis, determ. in rats 20755

***therapy***

pyramethamine (Fr) 51143

## POLYCYTHEMIA HYPERTONICA

***complications***

duodenal ulcer (Dut) 47915

## POLYCYTHEMIA VERA

***see also*** **AYERZA'S SYNDROME**

(Ger) 18912

assoc. with cancer of cerebellum & hypernephroma (Fr) 37936

in dog, case report 40409

***blood in***

erythropoietic factor, assay in rats (Pol) 43661

hemoglobin (Ger) 28949

megaloblastosis in erythremic myelosis 13876

***case reports***

erythremic myelosis (Fr) 51473

erythremic myelosis, acute in adults (Fr) 32194

erythremic myelosis, fatal case (Ger) 48063

with pernicious anemia 30917

***etiology and pathogenesis***

polyglobulia in course of prolonged develop. of metastases from operated renal cancer (Fr) 37939

pseudo-polyglobulism in schizophrenia (Ger) 29476

***experimental***

eff. on metab. & body temperature in anoxic rats (Hun) 28798

***in infant and child***

erythremic myelosis, evolution of acute cases to chronicity (It) 25576

erythremic myelosis in familial thalassemia, case report 7841

in newborn, case reports (Fr) 30450

***manifestations***

acne urticata, case report 9

choreoathetosis, recur. in Oster-Vaquez dis., case reports (Fr) 19863

***metabolism***

iron, role in hemoglobin synthesis (It) 53760

***pathology***

postmortem histopathol. study of vasc. changes in cerebral cortex 2353

skeletal changes (Rus) 45755

***therapy***

busulfan 28130

methods & results (Fr) 20675

pyrimethamine 21869

pyrimethamine causing severe anemia (Fr) 32187

radiophosphorus 11952

radiophosphorus (Fr) 9652

32938

radiophosphorus (Rus) 10803

radio-phosphorus (Sp) 44422

radiophosphorus & x-ray, eff. on prothrombin level (Rus) 22617

radiophosphorus, eff. on leukocyte activity 52140

radiother. with subsequent leukemia, clin. pathol. conf. 40294

## POLYETHYLENE

crimped polytetrafluoroethylene peripheral artery grafts 10079

for mounting of highly volatile organic substances for thermomicroscopy (Ger) 42454

intravenous insertion of polyethylene tubing 38037

marlex mesh in surg. repair of tissue defects, clin. studies 34979

marlex mesh in surg. repair of tissue defects, exper. studies 34970

marlex mesh repair of incisional hernias, technic 35934

polyethylene glycol in calf gastrointestinal system, interference of various substances 7135

polyethylene membranes in new pump-oxygenator 8480

polyethylene tube in feeding of premature inf. (Por) 20245

polytetrafluoroethylene, crimped, as arterial grafts 54698

polytetrafluoroethylene membrane in Clowes type oxygenator, determ. of oxygen & carbon dioxide diffusion 23490

polytetrafluoroethylene-nylon aortic prosth., eff. of exper. arteriosclerosis in rabbits 22035

properties of polyethylene containers for infusion solutions (Ger) 47675

sterilization of polyethylene bags by electron irradiation & measurement of sterility by bact. monitor 40371

***POLYMYXINS*** *see* **ANTIBIOTICS**

## POLYNEURITIS

***see also*** **GUILLAIN-BARRÉ SYNDROME**

neuronitis (Por) 44374

*case reports*
- in diabetic treated with antibiotics (It) 8049
- porphyria (Ger) 52559
- with periarteritis nodosa (Sp) 31817

*complications*
- ischemic gangrene of fingers in thrombocythemia; ther. radiophosphorus, case report (Fr) 44748
- ophthalmoplegia, complete, caused by acute toxic polyneuritis, case report 14114
- porphyria, pathol. anat. (Ger) 19762

*etiology and pathogenesis*
- lead pois., in indust. workers (Fr) 47764
- rheum. arthritis (Fr) 40463
- tris-o-cresyl phosphate after percutaneous absorp. in indust., case report & review 54127

*heredity*
- Refsum's dis., 3 cases in single family 46710

*in infant and child* 30432
- Refsum's synd. with diabetes mellitus, case report 1407

*manifestations*
- absence of relaxation reflex (Ger) 3620

*POLYPHENOLASE see* OXIDASES

POLYPI

*see also* NASAL POLYPS
- colon & rectum, diag. & ther., statist. (Por) 39978
- familial polyposis 14766
- gastrointestinal system, as precancerous cond. (Fr) 40973
- large intestine, adenomatous & carcinomatous polypi (Por) 44457
- Peutz-Jeghers synd. 52134
- Peutz-Jeghers synd. (Fr) 53430
- Peutz-Jeghers synd. (Ger) 42305
- Peutz-Jeghers synd., etiol. pathol. & ther. (It) 3873
- Peutz-Jeghers synd. of small intestine, diag. & surg. 53227
- polypous hypertrophy of tonsils (It) 37313
- rectocolic, pathol., relation to cancer & ther. indic. 15999
- rectosigmoid (It) 7750
- small intestine 53528
- small intestine (It) 20981
- stomach, pathol., diag. & case reports 38007
- stomach polypi & polyposis, surg. 54714

*case reports*
- colon, with carcinomatous changes 11069
- colon, with infantilism (Fr) 31047
- Gardner-Richards synd. with desmoid tumors 3376
- intestines, causing recur. intussusception (Ger) 48352
- intracardiac polyp simulating mitral stenosis 31796
- multiple metastatic gastrointestinal carcinoma from polyposis (Rus) 55338
- Peutz-Jeghers synd (Por) 13587
- Peutz-Jeghers synd. with ileal gelatinous adenocarcinoma 27553

*complications*
- connective tissue tumors with familial polypi of colon 18056

*diagnosis*
- colon, x-ray diag. using high-kilovoltage technic with spot compression 6486

*heredity*
- autosomal linkage of familial intestinal polyposis 7195
- familial generalized rectocolic polypi, surg., follow-up (Fr) 38640
- familial polypi of rectum & colon, surg. (Sp) 44502
- familial polyposis of colon, cancer control in 39137

*in infant and child*
- Peutz-Jeghers synd. 51046
- small intestine polyposis with ascariasis & ileo-ileal invagination (It) 44338

*pathology*
- cervix, malignant degen. (Pol) 27600
- colon, benign adenomatous polyps in pathogen of cancer 22080
- histol. aspects of relation between gastric adenomatous polyps & gastric cancer 38064

*surgery*
- bladder, statist. (Fr) 18638
- rectocolectomy with transanal ileostomy in generalized rectocolic polypi, case reports (Fr) 36641

*therapy*
- bladder, ther. based on classif. (Fr) 41482

POLYSACCHARIDES

*see also* CELLULOSE

*see also* GLYCOGEN

*see also* INULIN

*see also* MUCOPOLYSACCHARIDES

*see also* PYROGENS

*see also* STARCH
- alkaline degradation, review 35550
- commercial polysaccharide hydrocolloids, review 35549
- dextrin tolerance test in pancreactic dis. (Dut) 19732
- eremuran, chem. & isolation from Eremurus regelii (Rus) 37137
- from forest soil, chem. & phys. characterization 37059
- heparinoid clearing factor in rabbits (Ger) 49342
- identification of toxic cellular component of group A streptococci as complex of group-specific C polysaccharide & protein 40812
- in corn cobs, isolation of 2 new cpds. 1378
- interplay of immune substance with tuberculopolysaccharide & its antibody in tuberc. 5192
- of Chromobacterium violaceum, isolation of 2-amino-2, 6-dideoxy-D-galactose from specific polysaccharide 37082
- of Lactobacillus bifidus, separation of carbohydrates by chromatography (Ger) 55690
- of M. tuberc., immunoprecipitation in gel & quantitative determ. of component cess (Por) 21091
- polysaccharide antigens from tuberculin, eff. of heat on hemo-sensitizing power (Fr) 48935
- Schardinger dextrins, structure & properties 46790
- toxic lipopolysaccharide component of Pseudomonas aeruginosa endotoxin, characterization & chem. analysis (Ger) 25892

*determination*
- acid polysaccharide staining by colloidal ferric oxide with Feulgen & periodic acid-Schiff reactions 28954
- acidic, by 5-formylfuroic acid & carbazole reactions 13707
- capsular polysaccharides of E. coli strains, purification & characterization 2566
- polysaccharide-protein combinations in bile (Ger) 55630
- sedimentation of polysaccharides from forest soil by ultracentrifuge 37060

*effects*
- acidic aminopolysaccharides, on isolated frog heart, mechanism of action (It) 13971
- algal polysaccharide on chick embryos infected with influenza B virus or with resist. variant 44959
- bact. lipopolysaccharides causing stimulation of non-specific immun. in mice, mechanism 4155
- bact. lipopolysaccharides on biol. processes in exper. infect. & inflamm. in mice & rabbits 37570
- bact. lipopolysaccharides, on metab. in nerve tissue (Ger) 34005
- bact. polysaccharide-induced arteriosclerosis & myocardial infarct-like lesions, eff. of magnesium chloride in rabbits 46873
- bact. polysaccharide on blood pressure in normal & in tumor-bearing mice 5441
- immun. eff. of parenteral Salmonella typhimurium lipopolysaccharide in orally-infected mice (It) 44827
- interference with T2r+ phage inactivation by properdin system of human serum in vitro 37567
- lamisarin sulfate on bone growth in rodents 18358
- lipopolysaccharides causing nonspecific resist. shift in virus titer of infected mouse organs (Ger) 32312
- lipopolysaccharides from E. coli, sensitization of human erythrocytes, eff. of age (Ger) 34127
- lipopolysaccharide from Salmonella abortivoequina on oxygen consumption of diaphragm isolated from guinea pig (It) 36736
- lipopolysaccharides, importance of lipid component in endotoxic eff. of bact. (Ger) 30802
- lipopolysaccharide of E. coli, induction of regression of Yoshida sarcoma (Ger) 34159
- lipopolysaccharides of Proteus vulgaris, cond. of induced leukocyte migration & chemotaxis in tissue cultures (Ger) 29886
- non-antigenicity of pneumococcal polysaccharides in guinea pigs 31408
- pyrogenic, from virulent & avirulent Klebsiella strains, comparison (Ger) 23001
- zymosan, eff. on growth of transplanted exper. cancer (Fr) 48890
- zymosan on growth of Jensen sarcoma & Walker carcinoma (Ger) 55527

*in blood*
- antipolysaccharides in rabbit after subcutaneous or intravenous infect. with live human M. tuberc. 13337
- blood-bound, in dys- & paraprotein anemic dis., comparison with extractable organic protein (Ger) 34148
- endocytoplasmic form, in hematopoietic cells (Fr) 41143
- in hypergammaglobulinemic patients 32252
- polysaccharide/protein ratio in exper. arthritis in rats, eff. of hydrocortisone & phenylbutazone 31297
- protein-bound, in normal rabbit blood (Ger) 46086

*injurious effects*
- bact. lipopolysaccharides causing fibrinolysis in humans 30628

*metabolism*
- aorta, eff. of allylamine, sex hormones & castration in dog 35829
- bone & skin levels in exper. lathyrism 24828
- C, by phage-resist. variants of A & C hemolytic streptoc. (Ger) 34503
- complex in synovial fluid, eff. of intra-articular inject. of hydrocortisone 24827
- congen. disord., causing Alder's granulation anomaly & lipochondrodystrophy (Fr) 21637
- galactomannans in alfalfa, isolation & partial hydrolysis by α-galactosidase (Fr) 26335
- β-glucans, biosynthesis & depolymerization 19495
- heptasaccharide containing galactose, glucose & fructose molecules in herb Lychnis dioica, isolation (Fr) 26316
- intracellular polysaccharide of Brucella suis, isolation & properties 16873
- kidney deposits, comparative eff. of parathyroid extracts & turpentine in rat 35707
- levans from Bacillus subtilis, isolation & mild acid hydrolysis (Fr) 26301
- β-1, 3-linked glucan in bean Phaseolus aureus seedlings, mechanisms of enzymic synthesis 16892
- lipopolysaccharides from Salmonella abortus equi, chem. (Ger) 30601, 26302
- lipopolysaccharide isolation from Vibrio fetus 52418
- mannan in Corynebacterium diphtheriae, methylation (Rus) 1721
- pentosans in digesta along sheep alimentary tract 37591
- renal clearance of acid aminopolysaccharides, in rabbits, eff. of hyaluronic acid & relation to inulin clearance (It) 13974
- Schardinger dextrins, enzymatic degradation 49299
- synthesis & degradation mechanisms 6262
- synthesis by bact. 10208
- synthesis by Pseudomonas fluorescens in media containing sucrose 23938
- tissue distribution of radiocarbon-labeled bact. polysaccharide in guinea pig, mouse, rabbit & rat 20735

*POLYSORBATES see* SURFACE-ACTIVE SUBSTANCES

*POLYURIA see* URINATION DISORDERS

POLYVINYLPYRROLIDONE
- chem. & pharmacol. properties & ther. use (It) 8610
- polyvinyl sponge in elevation of choroid in retinal detachment surg. in dogs 47044
- review (Rus) 52987

*determination*
- in blood, urine & tissue in rats (Ger) 37035

*effects*
- flocculation of chylomicrons (Fr) 21299
- on 5-allyl-5-isobutyl-2-thiobarbituric acid anesth. in labor, intravenous admin. (Ger) 12879
- on blood & urinary electrolytes after admin. with & without sodium in surg. patients (Fr) 47329

*in urine*
- determ. of excretion by normal excretion by normal kidney in men & animals (Ger) 55466

*injurious effects*
- anaphylactic shock (Ger) 36498
- basophil inclusions in tubal wall after inject. (Fr) 26251

*metabolism*
- blood & urine, in glomerulonephritis (Ger) 6693

*physiology*
- glomerular renal permeability, determ. by molecular sifting in dogs (Ger) 55485

*therapeutic use*
- in surg. of extremities, anticoalescent eff. (Ger) 36433
- jaundice in premature inf. (Ger) 47647
- polyvinylpyrrolidone in mineral solution, use as plasma substitute (It) 9292
- polyvinylpyrrolidone-iodine aerosol spray in surg., indic. 35874

POMPHOLYX

*therapy*
- med., prescriptions (It) 36640

PONS

*see also* CEREBELLOPONTILE ANGLE

*abscess*
- case report (It) 32117
- otogenic (Rus) 45746

*anatomy and histology*
- melanin & another pigment granule in locus caeruleus 17796

*hemorrhage*
- hematoma with blocking of CSF, case report (Por) 25771

*neoplasms*
- cavernous angioma (It) 54480

*pathology*
- degenerating fibers, distribution 25979
- penetration by sarcoma of base of skull in child, clin. manifest. 49633
- symmetrial myelinolysis in alcoholism & malnutrition 46444

*physiology*
- intrinsic periodicity of pontile pneumotaxic mechanism 12484
- resp. discharge in rabbits 21718
- resp. neuronal discharges in pons of cat 50038

*PONTOCAINE see* ANESTHETICS, LOCAL

POPULATION
- changing trends in Chinese-American population 16269
- demographic analysis using health survey data, limitations 6764
- demographic data on district of Huambo, Angola (Por) 40217
- demography of indigenous populations of Angola (Por) 12911
- depopulation of Murut tribes of No. Borneo, causes 28977
- overpopulation, eff. on pub. health (Fr) 1433
- short-range birth projections 20898
- urban growth, pub. health implications, conf. 8447
- world population growth, eff. on white race (Sw) 45334

PORPHYRIA
- acute intermittent 17671
- acute intermittent (Fr) 51139
- acute, manifest. & diag. 6532
- classif. & manifest. (Ger) 49076
- congen. in Jamaican cattle, case reports 15240
- congen., nosol. (Ger) 21636
- cutanea tarda (It) 8057
- diag. & clin. significance (Ger) 46120
- erythropoietica, human & bovine, comparative biol. 33061
- metab. & familial case report 46939

*case reports*
- (Fr) 31315
- acute intermittent, with resp. paralysis 38140
- cutanea tarda 51155
- with polyneuropathy (Tur) 45486

*complications*
- chronic polyneuritis (Ger) 52559
- polyneuritis, pathol. anat. (Ger) 19762

*epidemiology*
- in Africa 38138

*etiology and pathogenesis*
- melanodermic porphyria caused by bronze diabetes & pigmentary cirrhosis (Ger) 11310

*in infant and child*
- (Pol) 30240
- acute in African child., case reports (Fr) 21754
- congen. in male siblings, case reports 4314
- erythropoietic, hematol. 7068

*in pregnancy*
- (Por) 47298
- case report 10461

*manifestations*
- abdom., differ. diag. from acute abdom. (Ger) 55725
- ment. disord. in porphyria hepatica, case report 10692
- neurol. manifest. in acute porphyria, review 38509

*metabolism*
- cutaneous & cutanea tarda forms, biochem. 13673
- fecal excretion of porphyrin in So. Africans, comparison in Bantu & whites 9793
- renal porphyrin excretion & creatinine clearance in porphyria cutanea tarda (Ger) 11184

*physiology*
- liver funct. & blood protein picture (It) 42625

*therapy*
- management 22909
- prochlorperazine in acute intermittent porphyria, case report 19824
- trifluopromazine (Sp) 43907

*urine in*
- 5-aminolevulinic acid & prophobilinogen in various types of prophyria 18353
- porphyrin in cutaneous form of hepatic porphyria (Ger) 25299
- uroporphyria precursors & porphobilinogen, differentiation (Ger) 46108

PORPHYRINS

*see also* CHLOROPHYLL

*see also* CYTOCHROMES

*see also* HEMOGLOBIN

*see also* OXIDASES
- ferriprotoporphyrin, eff. of gamma rays 7154
- ferriprotoporphyrin, radiation-induced reactions in aqueous alkaline solution 46377
- ferriprotoporphyrin, spontaneous change in alkaline solution 52296
- manganese incorporation into erythrocytes as evidence for manganese porphyrin in man 52301
- metal chelates of p-substituted tetraphenylporphines, spectrum analysis 1345
- tetrapyrrole ring structure of protoporphyrin IX, review 9612

*determination*
- blood, urine & tissue levels in burn patients 35168
- chromatographic separation of coproporphyrin isomers I & III 32249
- in blood & urine, value in differ. diag. & expert testimony of lead pois. (Ger) 33827
- oxporphyria in shells of hen eggs & other eggs, quantitative determ. (Ger) 27907
- porphobilinogen, coproporphyrin & uroporphyria determ. in urine & tissue, methods 32223

*in blood*
- binding to blood proteins, attempted demonstration 32220
- free protoporphyrin level in erythrocytes, eff. of pneumomediastinum (Fr) 15096
- protoporphyrin in erythrocytes (Pol) 30762
- protoporphyrin increase in erythrocytes induced by artif. pneumomediastinum, correlation with resp. (Fr) 44606

*in urine*
- in cutaneous form of hepatic porphyria (Ger) 25299
- metab. & familial case report 46939
- porphobilinogen in various types of porphyria 18353

*metabolism*
- biosynthesis, relation of mitochondria 54410
- biosynthesis with initial stage of 5-aminolevulinic acid form. by particles from chick erythrocytes 13691
- biosynthesis with initial stage of 5-aminolevulinic acid form. from glycine & succinyl-coenzyme A by particles from chick erythrocytes 13702
- free erythrocytic porphyria & coproporphyrinuria in sulfhemoglobinemia caused by chloronitrobenzene pois. (It) 42219
- in lead pois., biosynthesis & metab. eff. (Fr) 13469
- in porphyria, fecal excretion in So. Africans, comparison in Bantu & whites 9793
- porphobilinogen utilization in biosynthesis of vitamin B12 44969
- porphyrin-like moiety of vitamin B12, origin of methyl groups in biosynthesis 47964
- synthesis, review 39222

*preparation of*
- crystalline porphyrin esters, prep. from porphyria urines & normal human urine 32245

*therapeutic use*
- hematoporphyrin-methylparafynol carbamate-succinonitrile prep. in anxiety & depressive states (It) 26627
- hematoporphyrin, possible potentialing eff. on radiother. of cancer 38059

*PORTAL HYPERTENSION see* HYPERTENSION, PORTAL

*PORTAL SYSTEM see* VEINS, PORTAL SYSTEM

POSTOPERATIVE CARE
- 17464
- anabolism, regulation with 17α-ethyl-4(5)-estren-17β-ol-3-one 17484
- care of bladder after operations on unrelated organs 52755
- clin. exam. (Por) 47301
- (2,2-diphenyl-3-methyl-4-morpholine)-butyryl pyrrolidine in postop. analgesia, comparison with morphine 11870
- indic. in various types of surg. (Por) 8750
- meprobamate sedation (Sp) 27241
- oral bouillon feedings for maintenance of body fluid balance 17501
- pantothenyl alcohol ther., statist. 35878
- recovery room nursing care by on-call nurses 52817
- sleep in combined ther. (Rus) 54558

POSTURE

*see also* REFLEX, POSTURAL
- correction with exercise ther. (Pol) 38469
- correction with exercise ther. in school child. (Rus) 7923
- defect, caused by pain in bones & joints (Ger) 11044
- defects in child. exercise ther. (Ger) 27858
- eff. of load carriage on normal standing man 50303
- eff. of median sagittal section of cerebellum, in dogs (It) 1534
- eff. of onset of puberty on postural defects (Ger) 49100
- eff. of vision range & eye position 20372
- electromyography of leg musc. during movements of free foot & during standing 47096
- orthostatic cardiovasc. disord., ther., neostigmine with phenobarbital (Ger) 54322
- orthostatic synd., eff. on ECG integral QRS, T vectors & ventric. gradients, review (Ger) 13351
- posture of trunk during lifting of weights 37733
- prepuberal orthostatic blood circ. regulation disord. (Ger) 33811
- sedentary, anatomophysiol. aspects (Dan) 33439
- sitting & standing (Dan) 45508
- sleeping posture of man (Fin) 27295

*effects*
- ex. of orthostatic hand strain on capacity & resist. of blood vessels (Ger) 30584
- on arterial pressure in hypertensive patients (Bul) 16422
- on blood alcohol in normal human subjects (Ger) 27135
- on ECG in rats (Ger) 34181
- on periodic breathing in chronic cardiac decompensation 30132
- on resp. rate of newborn & premature inf. 7864
- passive tilting on cardiovasc. system in humans, influence of dehydration, phys. conditioning & heat acclimatization 16833
- prone & erect positions on heart volume in various heart dis. 35177
- standing position in work on weight distribution on legs, relation to handedness 23893
- venous pulse changes in various postures (Ger) 12057
- vertical position of patients confined to bed on resp. & blood circ. (Pol) 38468

POTASSIUM
- exchangeability by radiopotassium for determ. of total organic potassium (Fr) 54324
- metab. & ther. use in postop. period (Fr) 54160

*deficiency*
- caused by inadvertent gastro-ileal anastomosis in gastrectomy, case reports 11630
- causing polyuria, contributory role of extrarenal factors 52645
- eff. on induction of metabolic alkalosis by adrenal cortex hormones 47123
- eff. on renal histochem., in rats 5617
- exper., eff. on develop. & ther. of cellular sodium pois. in rats 51918
- hypokalemic alkalosis (Por) 8764
- idiopathic depletion in brothers, case report 10430
- in blood & kidneys (Ger) 32893
- in kidney dis., etiol. 5415
- in surg., manifest. (It) 26584
- induction of myopathy in rabbits, determ. of musc. excitability 7398
- kaliopenic nephropathy caused by pyloric obstruct. 38651
- kidney lesions in 591
- loss in dehydration, review 52897
- physiopathol. (Fr) 54354
- prediction of muscle potassium from blood electrolytes in potassium depleted rats 33066
- relation to congestive heart failure 40058
- secondary depletion in rats induced by magnesium defic. 25870

*determination*
- in uterine & seminal vesicle secretions 47110
- King technic for determ., eff. of ferrocyanide dilution & reading time (Por) 8765

*effects*
- arrhythmic & anti-arrhythmic eff. after inject. into coronary arteries of normal & infarcted hearts 2917
- changes of dietary sodium/potassium intake on morphol. of zona glomerulosa of adrenal cortex in rats, eff. of cortisone (Hun) 41633

dietary supplementation on performance during prolonged exposure to heat 6746

extracellular concentration on resting potential of isolated perfused musc. in cats (Ger) 30497

extracellular potassium concentrations on contractility of isolated frog heart (Ilm) 41611

high-potassium diet causing modification of catabolic eff. of ACTH in rats 49278

inhib. of exper. myocardial infarct induction by sodium salts & steroids or stress & steroids (Fr) 29218

on adrenal blood arterenol & epinephrine in dogs (Fr) 26750

on colon, parasympathomimetic action (Fr) 18622

on diastolic potential changes in frog heart 26079

on ECG, with simultaneous admin. of theophylline in rat (It) 35593

on giant axon resting & action potentials in cockroach 52347

on glutamic acid metab. in yeasts (Ger) 11275

on heart response to strophanthin G 36986

on histol. changes in rat liver tissue stored in Ringer's solution 23951

on ion transport & bioelectric potentials in frog gastric mucosa 12574

on leech musc. (Ger) 23628

on musc. composition & renal electrolyte excretion in electrolyte-depleted rats 12544

on musc. membrane resting potential 15710

on phosphorus incorporation into nucleotides & phosphocreatine in brain slices 24036

on postop. body fluid balance after partial nephrectomy, in rats (Fr) 26719

on reactivity of smooth & striated musc., eff. of hydroxydione succinate (It) 37459

on response of smooth musc. to cooling 5101

on Saccharomyces cerevisiae phosphorylation (Rus) 37140

on thyroid funct. in rainbow trout (Fr) 26757

potassium chloride on ECG & blood pressure after intracisternal admin. in dogs 35699

potassium chloride on funct. capillary beds in dog myocardium 2921

potassium chloride prev. of papain-induced myocardial necroses in rats 26504

potassium chloride, protective eff. in hypertension induced by chronic sodium chloride rats 12351

potassium chloride-sodium chloride overload on diuresis, urinary chloride concentration & water ingestion in intact & partially nephrectomized rats (Sp) 8986

potassium chloride solution on skin of frogs 40104

potassium chloride stress on rats after prolonged admin. of hydrocortisone (It) 1900

potassium citrate on auric. pouches of dogs 5875

potassium citrate on blood potassium levels after inject. into coronary circ. to induce cardiac arrest in dogs 5874

potassium-dependent sodium extrusion by alga cells 17321

potassium nutrient on oxidative enzyme activity of plants (Ger) 37889

potassium phosphate on organic acids of cultures of tobacco leaves 40481

potassium strophanthin & potassium strophanthoside, depolarizing action on isolated frog skin 49339

prev. of exper. cardiopathy produced by 9α-chloro-3α-methylhydrocortisone & phosphate 4181

protective eff. of potassium chloride on emetine tox. & subsequent ECG changes in guinea pig (It) 53775

***in blood***

accelerated exchange between plasma & erythrocytes in Ehrlich's ascites tumor of mice (Ger) 3450

defic. due to primary aldosteronism, causing nephritis (Dan) 10850

defic., ECG aspects 27825

defic., eff. on ECG (Pol) 30785

defic. in severe hypertension 12314

defic. simulating autonomic NS dystonia (Ger) 370

defic., with cyclic edema, intermittent hyperaldosteronism & tetany in neurotic woman, case report (Fr) 2485

defic., with infect. hepatitis & hepatic coma, case report (Pol) 30777

defic., with intra-abdom. hemorrh. & diarrhea in pregn., fatal case 19850

defic., with non-insulin secreting adenoma of islands of Langerhans & refractory watery diarrhea, case reports 573

determ. of levels after musc. exercise in rats 14625

eff. of adrenal cortex hormones in adrenalectomized dogs 39204

eff. of arterenol or epinephrine on levels in dogs, influence of chlorpromazine or yohimbine (Fr) 36562

eff. of carbutamide in diabetic & normal subjects (Ger) 11190

eff. of carbutamide in pancreatectomized dogs (Ger) 11191

eff. of carbutamide, insulin & tolbutamide, comparison & mechanism of action 31431

eff. of chlorpromazine on erythrocyte content in humans (It) 36751

eff. of cortisone & DOCA in adrenalectomized rat 47127

eff. of depletion & repletion on urinary excretion of aldosterone in normal humans (Fr) 39892

eff. of electroshock & pentylenetetrazole shock on levels in rabbits (Fr) 32925

eff. of epinephrine (Ca) 48640

eff. of insulin in deep hypothermia in rabbit 36607

eff. of insulin in pigeons (It) 37471

eff. of lead on permeability of erythrocytes, mechanism of action (Ger) 30521

eff. of tolbutamide in pigeons & rabbits (It) 37470

eff. of work at high temperatures (Pol) 43639

erythrocyte & serum levels, eff. of prednisone & prednisolone ther. of various dis. (It) 36747

erythrocyte concentration & metab. in lamb 52329

erythrocyte level in congestive heart failure 35181

excess after bilateral adrenalectomy in hypertension 46859

excess, causing ECG changes, eff. of various drugs in rats 26491

excess in blood bank recipient set for removal 23491

excess in cases of paralysis, relation to adrenal cortex insuff. (Fr) 9151

excess in stored blood, removal method 54729

excess induced by ethyl alcohol in dogs, mechanisms 44283

excess, ther., cation exchange resins 11801

fetal, maternal & umbilical levels during 3rd stage of labor (Pol) 6090

in erythrocytes in normal & pathol. cond. 17597

in glomerulonephritis, correlation with ECG (It) 29702

in premature inf., determ. (Sp) 21126

in sheep, types in some non-Brit. breeds & in certain rare Brit. breeds 7160

loss caused by exchange transfusion in newborn inf. (Ger) 34094

permeability of human erythrocytes by potassium, role of calcium 47968

rates of exchange of sodium & potassium in sheep erythrocytes of different cation composition 5777

sex differences, statist. 4956

total exchangeable potassium in man, relation to blood sodium level 4854

transf. shock-induced changes, protective eff. of chlorpromazine & reserpine in rats (It) 37457

types of potassium cpds. in Brit. sheep, correlation with gene frequency 44038

***in urine***

eff. of arterenol & epinephrine in dog 20915

eff. of inject. of aldosterone on excretion rate in dogs 12542

eff. of sodium chloride & carotid artery occlusion in dog 20914

in manic depressive psychosis, changes during manic & depressive phases 17735

nocturnal excretion as index of potassium defic. 47369

potassium-sodium excretion, antag. in eff. of aldosterone & Δ4-estrene-17β-ol-3-one-17α-(3-propionic acid γ-lactone) 51341

potassium-sodium-magnesium excretion, divergence during stimulation of endogenous aldosterone prod. 17036

quality control standards in determ. methods 24406

***injurious effects***

reverse Wenckebach block & complete AV dissoc. in presence of digitalis 14958

***metabolism***

bone tissue, eff. of total body x-irradiation in rats (Rus) 7786

content in isolated rat diaphragm, eff. of 9α-fluoroprednisolone (It) 36557

content in isolated rat diaphragm, eff. of 9α-fluoroprednisolone, hydrocortisone & desoxycorticosterone (It) 36558

content of aorta in exper. hypotension induced by potassium-defic. in rats 12563

crystalline lens of frog (Ger) 36535

disord., review (Ger) 49306

distribution of potassium ions during ischemic shock in rats (Fr) 48383

eff. of adrenal cortex hormones in nephrectomized rats, extrarenal action 47124

eff. of change in extracellular space in dogs 12564

eff. of digitalis & desoxycorticosterone acetate on intracellular potassium ion concentration 50721

eff. of excessive potassium intake on body potassium storage 4962

eff. of potassium migration on amino acid uptake by Ehrlich ascites tumor cells 40507

eff. of stress in castrated male pigs (Fr) 32017

exchange in isolated dog heart, eff. of various factors 12565

exchange in yeast cells at different potassium concentrations 4807

exchangeability in rat diaphragm in vitro, eff. of low temperatures & heparin 12013

exchangeable potassium in normal full-term newborn inf. 43514

excretion mechanism in chicken 50452

fecal content, correlation with urinary aldosterone, eff. of hypophysectomy 47126

fulminating myocardial potassium intoxication in atypical fatal heat stroke 34041

heart & skeletal musc., eff. of work activity & exercise (Ger) 28049

heart, exchange in isolated perfused guinea pig ventricle, eff. of steroid & non-steroid lactones 51074

heart, liver & skeletal musc. uptake in heart dis. & healthy persons, study through radiorubidium uptake 16340

in acute asphyxia in cat (Bul) 16427

in congestive heart failure, eff. of intravenous sodium chloride admin. (It) 32086

in liver dis. (Ger) 27175

in newborn & in inf. during surg. (It) 41904

in surg., substitution of potassium losses (Ger) 38444

loss from isolated rabbit auricles 51115

movements in isolated rat diaphragm during contraction 17986

movements of potassium in rabbit auricles 7251

musc., eff. of anaerobiosis, insulin & metab. poisons on potassium release & glucose uptake in isolated rat diaphragm 25874

musc., eff. of rigor mortis in rabbits (It) 42712

musc., relation to non-collagen proteins in denervated musc. (Ca) 30207

muscle tissue of salmon during migration 26410

myocardium & skeletal musc., eff. of exper. Coxsackie virus infect. in mice (It) 13980

myocardium & skeletal musc., eff. of exper. mouse hepatitis virus infect. in mice (It) 13984

myocardium & skeletal musc., eff. of exper. W. Nile virus infect. in mice (It) 13985

myocardial influx during induced fibrillation of isolated rabbit atria 54395

parotid clearance 35815

placenta (Ger) 33950

postop. (Por) 44437

postop. excretion, determ. by potassium load test 24796

potassium-sodium intra- & extracellular distribution in rat (Fr) 40880

retentivity of E. coli, eff. of x-irradiation 20737

Saccharomyces cerevisiae, eff. of ultraviolet irradiation on content in resting cells 50573

salivary levels, determ. in study of adrenal cortex funct. (Fr) 24785

single myelinated nerve fibers, eff. on electric potential 15687

skeletal musc. & blood, eff. of surg. (Pol) 30757

skin & blood levels in psoriasis 17526

theory of adrenal corticoid chelation of potassium & antag. by cardiac glycosides, mechanisms (Ger) 30610

total exchangeable potassium in non-pregn. women & in normal & pre-eclamptic pregn. 28999

transport in algae Nitellopsis obtusa 17320

uptake, relation to fermentation & glycolysis 27370

***radioactive***

radioactivity in people & milk, statist. 21881

***therapeutic use***

adjuvant in resuscitation in military surg., with glucose & insulin (Fr) 24756

constipation, atonic (Fr) 9132

laryngeal disord., physiol. mechanisms (Sp) 8709

potassium chloride in alkalosis in child. (Ca) 14859

potassium nitrate, in premenstrual synd. (Fr) 48949

48955

prev, of surg. compl. (Dan) 45519

ventric. tachycardia & fibrill. with Stokes-Adams seizures caused by digitalis pois., intravenous admin. 3919

*toxicity*

potassium iodate, subacute tox. in mice & guinea pigs 55010

***POTASSIUM BROMIDE** see* BROMIDES

***POTASSIUM CHLORIDE** see* POTASSIUM

***POTASSIUM CYANIDE** see* CYANIDES

***POTASSIUM IODIDE** see* IODIDES

***POTASSIUM NITRATE** see* POTASSIUM

***POTASSIUM PERMANGANATE** see* ANTISEPTICS

***POTASSIUM THIOCYANATE** see* THIOCYANATES

**POTATOES**

arrest of sprouting by radiocobalt irradiation, hyg. aspects (Rus) 33633

cytoarjesis in potato tubers 29535

cytoarjesis in potato tubers, eff. of humidity & temperature on susceptibility of living tissues to soft-rot 29537

cytoarjesis in potato tubers, eff. of inoculum potential on susceptibility of living tissues to soft-rot 29536

eff. on aging in rats 39570

Micrococcus pyogenes in potato salad, eff. of pH 40247

phosphoglucomutase in extracts (Rus) 1736

spraying of potato haulms with arsenites in England & Wales 52183

sulfhydryl cpds. & vitamin C in tumors of potato (Rus) 1733

***POTT'S DISEASE** see* TUBERCULOSIS, SPINAL

***POULTRY** see* FOWLS, DOMESTIC

**POWDERS**

determ. of angle of repose of free flowing powders, comparison of various methods 41311

flow properties of powders under humid cond. 41312

***PRANTAL** see* PARASYMPATHOLYTICS

**PREDNISOLONE**

prednisolone acetate, AMA council report 4469

*administration*

prednisolone-meprobamate prep. with antacids (Fr) 21582

*determination*

as 17-ketosteroid after oxidation by bismuth & paper chromatography (Ger) 49906

in pharmaceutical prep. with prednisone, infrared spectrophotometry (It) 6830

*effects*

inhib. eff. on nasobronchial reflex in asthmatics (Sp) 3318

on acanthosis in guinea pigs (Ger) 27111

on acute oliguria in exper. burns in dogs (Fr) 13450

on antibody form. in rabbits (It) 13515

on blood corticosteroids & partial corticotropic funct. (Ger) 51797

on blood enzymes, response to 4-chlorotestosterone acetate in rabbit (It) 49599

on blood proteins in exper. emetine pois. in rabbits (It) 33780

on blood sodium & on blood & erythrocyte potassium in patients with various dis. (It) 36747

on body weight & survival in exper. emetine pois. in rabbits (It) 23758

on cholesterol in blood (It) 51762

on cholesterol in blood, relation to sex hormones (It) 9407

on connective tissue form. in exper. liver cirrhosis in rats (Ger) 33981

on exper. emetine pois., ECG study (It) 35159

on exper. granuloma (It) 7744

on form. of talc-induced peritoneal adhesions in guinea pigs (It) 39681

on growth in rats (It) 49404

on peptic ulcer, failure to demonstrate eff. on histamine-antihistamine-induced peptic ulcer in guinea pig (It) 21505

on prod. of exper. peptic ulcer by tripelennamine & histamine (It) 44816

on propylthiouracil-induced goiter in rats (It) 44845

on protein excretion in nephrotic synd. (Ger) 19003

on pulm. edema induced by irritant gases in animals (Ger) 6078

on resp. mucosa in allergic resp. dis., clin. & exper. study (Fr) 36163

on short-chain fatty acid synthesis in liver homogenates from guinea pigs (It) 36727

ulcerogenic properties in rats 31430

*injurious effects*

acute pancreatitis during ther. of scleroderma 41817

hemorrh. skin manifest. 43164

infect. following local admin., case reports (Ger) 55708

onset of centrosomatic vertebral tuberc., in prolonged ther. of rheum. arthritis (Fr) 44783

peptic ulcer, relation between duration of admin. & frequency of ulcer 35474

perf. of peptic ulcer, case reports 47285

*metabolism*

base-catalyzed degradation, kinetics 16715

*related compounds*

9-α-fluoroprednisolone, eff. on rat thyroid funct. (It) 21501

methylprednisolone inhib. of ethyl iodophenylundecylate-induced inflamm. of meninges in rabbits 52579

6α-methylprednisolone, side-eff. 16598

6α-methylprednisolone ther. of alopecia areata, totalis & universalis 51603

6α-methylprednisolone ther. of edematous liver cirrhosis causing hyperaldosteronuria, mechanism (Fr) 37923

6-methylprednisolone ther. of rheum. arthritis (It) 44378

*therapeutic use*

adrenogenital synd. (Ger) 3734

alcoholic intoxication, clin. & exper. tests (Ger) 35600

allergic dis., with hydroxyzine 36243

allergy, with diphenhydramine for short-term ther. 13148

arthralgias, with perphenazine 4438

arthritis in diabetes mellitus, intra-articular admin. (Ger) 10293

asthma (Nor) 45423

asthma & other allergies (Sp) 32429

asthma, significance of eosinophils in sputum 41831

chickenpox pneumonia in adult 24991

comparison with 1-dehydro-16α-hydroxy-fludrocortisone 6176

early reactions of bladder & intestine to radium & x-ray ther., with vitamin A, pantothenic acid & sulfonamide (Ger) 32670

eczema in inf. (Pol) 7828

encephalitis, meningitis, resp. infect., toxicosis & sternocleidomastoid hematoma, indic., admin., & results (Fr) 37765

erythema nodosum (It) 35160

exudative tuberc. pericarditis (Ger) 29409

eye dis., neomycin-prednisolone-sodium sulfacetamine prep., indic. (Fr) 14519

eye dis., with neomycin 24548

eye dis., with neomycin & surfen ointment (Ger) 18952

grave diarrhea with shock, in inf., admin., intravenous (It) 42780

gyn. dis., with tetracycline (Ger) 15981

Hashimoto's dis., case reports 9619

hypotension & exhaustion due to adrenal cortex insuff. (Ger) 42276

infect. hepatitis, eff. on blood iron (Ger) 22755

infect. mononucleosis 47519

inflamm. skin dis., topical admin. & comparison with hydrocortisone & fludrocortisone by double-blind paired-comparison method 11564

joint dis., intra-articular admin. of prednisolone 21-phosphate 51325

joint dis., local admin. (Hun) 30289

leukemia, aleukemic (Ger) 55436

liver cirrhosis (Fr) 21337

lupus erythematosus, disseminated, review (Pol) 30872

6-methylprednisolone, ther. of skin dis. 2621

nephritis, acute, in child. (Fr) 25494

nephrotic synd. in child. 4217

neurol. disord. (Fr) 45036

nitrate pois. (Ger) 23132

orchio-epididymo-pancreatitis caused by parotitis (It) 36765

osteoarthritis of knee, intra-articular admin. (Por) 51645

pediatric dis., acute, parenteral admin. (Ger) 51831

pleural effusions after commissurotomy in mitral patients (It) 42664

pleural effusions caused by pulm. & pleuro-pulm. neoplasms, topical admin. (It) 21436

pleurisy, pleural empyema & pleural exudates, admin., intrapleural (It) 39536

prednisolone-methylandrostenediol-mesoinositol prep. in toxic ther. of patients of infect., chronic dis. & rheum. arthritis (It) 39524

prednisolone 21-phosphate inject. in foot dis. 16746

prednisolone-tert-butylacetate & prednisolone in osteoarthritis & rheum. arthritis, intra-articular inject. 17017

prednisolone tertiary butylacetate 16685

prednisolone trimethylacetate in bovine ketosis 4837

prednisolone trimethylacetate in eye dis., clin. & exper. results (It) 13940

prednisolone trimethylacetate in herpes cornea (Ger) 28905

prednisolone trimethylacetate in joint dis., with caffeine-procaine prep., local admin. (Ger) 43817

prednisolone trimethylacetate in thermic lesions in child. (Ger) 19419

prednisolone trimethylacetate ointment in skin dis. (Ger) 52232

prednisolone trimethylacetate, ther. of lung abscess (Pol) 20453

preop., perop. & postop. management of hypophysectomy in recur. breast cancer 31580

review (Ger) 51777

51788

rheum. arthritis, intramusc. admin. 13295

rheum. arthritis, prev. of gastrointestinal disord. with adjuvant antacid 14542

rheum. arthritis with thioctic acid (It) 31765

rheum., local inject. (Fr) 21760

rheumatism & arthritis, intra-articular inject. (Fr) 17651

serous exudates after extrapleural pneumothorax (It) 16533

skin dis. (Ger) 15284

skin dis., aerosol prep. 18364

18660

skin dis., aerosol prep. 34859 34860 40168 42187

skin dis., alone & with neomycin & surfen ointment (Ger) 29422

skin dis., with meprobamate (Fr) 9512

Sudeck's atrophy with diabetes mellitus (Ger) 18983

thrombocytopenic purpura, massive dos. 12305

Tietze's dis. 58

tuberc., pulm., results in chronic drug-resist. cases in Kenya Africans 48195

typhoid fever in child., with chloramphenicol (Ger) 33825

vasomotor rhinitis (Sp) 3318

**PREDNISONE**

use in differ. diag. of diathetic eczema seborrhoeicum from erythroderma desquamativum in inf. (It) 25588

*addiction*

develop. in asthma ther. 28026

*determination*

as 17-ketosteroid after oxidation by bismuth & paper chromatography (Ger) 49906

in pharmaceutical prep. with prednisolone, infrared spectrophotometry (It) 6830

in tablets, polarography (Dut) 7964

*effects*

fungistatic activity of various prep. 34850

on adrenal cortex funct., during ther. admin. (Ger) 11004

on agglutinin titers in typhoid fever (It) 20813

on antibody form. in rabbits (It) 13515

on blood alkaline phosphatase (Ger) 34152

on blood glutamic oxalacetic transaminase in chronic recur. hepatitis & posthepatitis liver cirrhosis (Ger) 18341

on blood sodium & on blood & erythrocyte potassium in patients with various dis. (It) 36747

on course of passive anaphylaxis in guinea pigs, influence of anaphylatoxin shock (Ger) 11336

on ECG (It) 31757

on exper. esophageal lesions caused by caustics (It) 47825

on gastric mucosa of rat, increased activity after adrenalectomy (Fr) 23716

on glucocorticoid funct. of adrenal cortex (Sp) 44387

on inflamm. in mice, synergism with isoniazid 24811

on isoniazid resist. tuberc. in guinea pigs (Ger) 12080

on parathyroid gland funct. in man 24812

on phenylbutazone in blood (Ger) 9518

on serum cholesterol (It) 31762

on urinary excretion of 17-hydroxycorticoids, mechanism (Fr) 32917

on urinary 17-ketosteroids & dehydroisoandrosterone in hirsutism in women, comparison with cortisone (It) 53585

on urinary 17-ketosteroids & reducing corticoids in hyperandrogenism in postpuberal female (Fr) 36060

on uropepsin excretion in normal subjects (It) 1508

*injurious effects*

adrenal cortex insuff., prev. by ACTH-zinc-phosphate (Fr) 15210

exanthema during cortisone & prednisone ther. of chickenpox in child. (Ger) 25289

gastroduodenal compl. from prednisone ther. (Fr) 7767

hemorrh. skin manifest. 43164

hyperaldosteronuria after ther. of edematous liver cirrhosis, mechanism (Fr) 37923

infect. osteoarthritis (Fr) 54192
intestinal hemorrh., perf. & ulceration, in child., case reports (Fr) 54451
melena during ther. of rheum. heart dis. with Luciani-Wenckebach periods (It) 20401
nodular panniculitis in inf. after massive admin. 26429
osteomalacia & osteoporosis during ther. of pemphigus vulgaris (It) 3905
peptic ulcer (Fr) 9508
peptic ulcer during rheum. arthritis ther. in patient with achlorhydria, case report 36256
peptic ulcer in long-term ther., clin. statist. 15939
peptic ulcer of esophagus, assoc. with hiatal hernia 24415
peptic ulcer perf., fatal in ther. of acute dermatomyositis, case report (Fr) 37891
peptic ulcer, relation between duration of admin. & frequency of ulcer 35474
pseudorheum. after withdrawal in ther. of liver cirrhosis (Ger) 51836
small intestinal ulcer & perf. (Dut) 15800
ulcero-necrotic compl. & death in ther. of mycosis fungoides (Fr) 2404
ulcero-necrotic lesions in ther. of mycosis fungoides (Fr) 41942

*therapeutic use*

adrenal cortex hyperfunct. (Sp) 15476
allergic thrombopenic purpura, with cortisone (Ger) 15360
anemia in macroglobulinemia, case report 37879
anovulation (Sp) 20053
arthralgias, with perphenazine 4438
arthritis, with phenylbutazone (Ger) 11061
aspergillosis, chronic primary of lung, with potassium iodide (Fr) 53433
asthma (Ger) 53306
asthma, aerosol admin. (It) 42760
asthma & other allergies (Sp) 32429
asthma in child., statist. (Cz) 14855
asthma, lymphatic dis. & rheum., with phenylbutazone (Ger) 10295
asthma, with ACTH (Ger) 22830
AV heart block (Por) 18826
blood dis., large doses 7463
brain dis. caused by carbon monoxide pois. (Fr) 8230
cancer of breast, advanced 48545
choroiditis, exudative (Sp) 27217
conjunctivitis, vernal 26066
croupous bronchitis (Ger) 11209
disseminated lupus erythematosus, generalized scleroderma & neurodermatitis disseminata, long-term ther. 2634
eczema in inf. (Pol) 7828
edema of various dis., with 6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide (It) 39321
edematous laryngitis (Fr) 47473
erythema nodosum, in child. 42782
fetal erythroblastosis, prev. of antenatal fetal death (Fr) 37716
gyn. dis. (Ger) 15980
gyn. dis., with tetracycline (Ger) 15981
hay fever, alone & with suppurative rhinitis, indic. & results 28475
hemolytic anemia caused by lymphosarcoma, with blood transfusion (Fr) 21334
hemorrh. diathesis in child. (Ger) 55512
hepatogenic jaundice (It) 37534
hirsutism in puberty, eff. on urinary 17-ketosteroids (Fr) 15183
hypercalcemia & renal insuff. in sarcoidosis 50205
hyperthyroidism, results (Ger) 35109
infect. hepatitis (Ger) 19383
infect. hepatitis in child. (Cz) 14847
infect. mononucleosis 12308
inflamm. of female genitalia (Ger) 46287
intractable cardiac edema 40829
leishmaniasis, visceral (Fr) 433
lipoid nephrosis (Dut) 18575
liver cirrhosis (Fr) 21337
liver cirrhosis (It) 2004
liver cirrhosis (Sp) 44512
liver cirrhosis (Sw) 43237
lupus erythematosus, disseminated, review (Pol) 30872
malignant effusions 16646
menstruation disord. 35143
menstruation disord. (Dut) 35756
miliary tuberc. in child., mechanism of action (Ger) 30008
movement disord. with butazolidin (Ger) 15406
mumps (It) 6660
myasthenia gravis in diabetes mellitus 23757
myocardial infarct (Fr) 43167
myocardial infarct (It) 7052
nephrosis in child., long-term admin. (Ger) 6916
nephrotic synd. (Fr) 25281
nephrotic synd., with classical ther. (Sp) 32416
neurol. disord. 9699
nitrate pois. (Ger) 45036
pelvic infect. 23132
periarteritis nodosa (Fr) 30226
peritonitis, generalized acute hypertoxic (It) 45391
prednisone-aminopyrine prep. in ankylosing spondylitis (Ger) 39504
prednisone tert-butyl acetate in hypertrophic lichen planus, vibra-puncture technic 42309
posterior cervical synd. (It) 11575
recur. polyneuropathy, with ACTH & cortisone 31761
reticulum cell sarcoma, large dos. (Dut) 2019
reticulum cell sarcoma of skin, brief remission followed by death 49766
rheum. & allergy (Ger) 1154
rheum. arthritis, hematol. (Ger) 3299
rheum. arthritis, prev. of gastrointestinal disord. with adjuvant antacid 35220
rheum. arthritis, with acetylsalicylic acid (Sp) 14542
rheum. arthritis, with basic aluminum glycinate & phenylbutazone 8192
rheum. arthritis, with 17α-ethyl-4(5)-estren-17β-ol-3-one (Dan) 50660
rheum. fever, eff. on sedimentation rate (Fr) 45504
rheum. fever, with acetylsalicylic acid (Sp) 9239
rheum. fever, with salicylates (Cz) 1556
rheum. tonsillitis, resist., case reports (It) 36315
rheum., with phenylbutazone (Ger) 44380
ringworm of scalp, noninflamm., oral admin. 9539
sarcoidosis of Boeck, case report (Por) 5216
sarcoidosis of mediastinal lymph nodal form, with antibiotics (Fr) 31854
sarcoidosis with cerebral disord. & hypercalcemia (Dan) 53242
skin dis. (Ger) 22418
spondylitis, ankylosing (Dut) 15284
thymic hypertrophy in child. (Sp) 49768
thyroiditis, subacute (Fr) 12008
toxico-allergic reactions caused by anticonvulsant ther. of epilepsy (Fr) 2481
tuberc. (Fr) 44711
tuberc. adhesive pericarditis, with streptomycin, case report (Fr) 26178
tuberc. of pulm. lymph node in inf. & child. (Por) 6311
tuberc., pulm., in disseminated lupus erythematosus, case report (It) 44472
tuberc., pulm., small dos. 8667
tuberc., pulm., with viral hepatitis, eff. on blood transaminase (It) 17437
tuberc., with ACTH (Sp) 9297
typhoid fever, eff. of inject. of purified Vi antigen (It) 32443
typhoid fever, with chloramphenicol, eff. on serum proteins (It) 13924
vaginitis, admin., topical (It) 29670
viral hepatitis (Fr) 9421


## PREGNANCY


*see also* DECIDUA

*see also* PRENATAL CARE

*see also* PSEUDOPREGNANCY

after chemother. of genital tuberc. 6387
after commissurotomy, case report (Fr) 7601
after cured genital tuber., case report (Sp) 26267
after fundectomy in endometriosis 31008
after genital tuberc. (Dut) 50983
after homoplastic endometrial transpl. (Ger) 7315
after ligation of inferior vena cava & ovarian vessels 55740
after multiple cesarean sections & ligation of fallopian tubes, case report (Fr) 26379
after surg. for bladder exstrophy & vaginal calculus, case report (Ger) 15177
after ther. of adrenogenital synd., case report 55746
after ther. of sterility (Sp) 12402
after surg. of uterine synechia (Fr) 7585
bipara, in 14-year old girl (Ger) 3138
cardiac surg. in pregn. 46283
diet survey technic & nutritive value of diets taken by primigravidas 642
dietary intake survey among poor pregn. women in India 37596
in elderly & young primaparas 4183
in elderly & young primiparas, comparison 10459
in 51-year old woman (Dut) 48497
in No. & So. Finnish subjects, statist. comparisons 7292
in patients with ileostomy & colectomy for ulcerative colitis, advisability 47361
in primigravida, habitual complaints & peevishness 40298
in primigravidas 15-years old & younger 52128
in primiparas 16-years old & younger 12385
in rudimentary cornu of uterus (Rus) 20059
in sterile women, induction by mechanical stimulation factors (Fr) 12173
in wife of eunuchoid treated with methyltestosterone, unusual case (Cz) 53409
major surg., indic. & hazards 36276
prolonged (Fr) 10458
prolonged (Pol) 3151
prolonged, as manifest. of gestosis (It) 53170
prolonged caused by pelvic parasympathectomy in dogs 54260
prolonged, clin. & medicolegal aspects (It) 54716
prolonged, clin. aspects, diag. & ther. (It) 14527
prolonged, colpocytol., diag. value & limitations (It) 29677
prolonged, confirmation by hered.-biol. findings (Ger) 54250
prolonged, definition, inf. mortal. & compl. in postmaturity 42907
prolonged, degen. changes in placenta (It) 4539
prolonged, diag. by urocytogram (Fr) 53682
prolonged, diag., value of fetal hemoglobin in umbilical cord blood (It) 44641
prolonged, eff. of aging of placenta on fetus, progn. value of vaginal smears (Fr) 15027
prolonged, eff. on fetus 26223
prolonged, eff. on newborn inf. (It) 16314
prolonged, histochem. of placenta (It) 6945
prolonged, incidence & fetal mortal. in Trieste (It) 53691
prolonged, labor induction & case reports (Por) 29730
prolonged, management (Fin) 36303
prolonged, postmaturity (Ger) 27291
prolonged, review 11437
prolonged, statist. 24503
radiation in x-ray exam. of advanced pregn., reduction of dos. 35270
radiation protection by electronic photographic technic 55428
reduction of hazards in obst. x-ray 35741
term determ. by cytol. exam. of vaginal smears (Hun) 12673

*blood in*

afibrinogenemia in ABO heterospecific pregn. 43433
afibrinogenemia with retained dead fetus in Rh-negative subject, surg. 47005
amino acid content 47006
antibact. & antitoxic antibodies, specificity & comparison with maternal milk & umbilical cord blood 34501
anti-Rh agglutinins, methods of detection (Ger) 43517
blood gases, pH & plasma electrolytes in pregn. sow & fetus 3753
blood group incompatibility, bilirubin level of umbilical cord-blood in (Ger) 35740
blood sugar & pyruvic acid, eff. of glucose load (It) 33956
C-reactive protein (It) 9400
C-reactive protein (Sp) 9398
C-reactive protein in normal & pathol. pregn. (It) 22273
cadaverinolytic activity in vitro, eff. of estrone & progesterone (It) 9420
carbohydrate determ. by phenylazine test, comparison with values found in inflamm. of true pelvis & female genital tuberc. (Hun) 29629
carbon dioxide, electrolytes, hemoglobin, oxygen & pH in goats & their fetuses 10569
carbon monoxide equilibration between maternal & fetal circ. in humans 12571
chorionic gonadotropins, diurnal levels 44091
coagulation disord. 35120
coagulation factors & defects causing hemorrh. 50821
estrogen levels at term & during delivery (Fr) 17754
estrogens, simultaneous determ. in mother & fetus, comparative levels (Fr) 26669
fetal cells in maternal circ. during pregn., case report 15124
fetomaternal leukocyte incompatibility 2228
fibrinolytic activity at various stages of normal pregn., fibrin plate method of study (It) 40692
fibrinolytic enzyme system in maternal & umbilical cord blood 53687

gamma globulin, comparison with umbilical cord blood, electrophoresis 24888

gamma globulin, 19S fraction, determ. & improbability of transplacental passage 17600

glutamic oxalacetic transaminase in normal & pathol. pregn. (It) 6859

glutathione & vitamin C in normal pregn., comparison with pre-eclamptic toxemia 40102

hemoglobin levels in women working in metallurgy indust. (Pol) 39634

heparin levels, comparison with umbilical cord & newborn blood (It) 6851

histaminase & placental histaminase in normal & toxemic pregn. in Bantu 38139

hydrocortisone & 17-hydroxycorticoids 17023

17-hydroxycorticosteroids in bovine pregn. 40799

hypercholesterolemia, funct. 4193

hypoproteinemia, eff. on course of pregn. (Pol) 39632

inhib. of vasopressin by sera of normal pregn. women (Por) 16144

iron-binding capacity (Ger) 47640

lactic dehydrogenase activity 47001

leukergy (Pol) 39627

leukocyte count variations, daily rhythm (Cz) 9488

leukocyte osmotic resist. in various stages of normal & pathol. pregn. (It) 20909

lipoproteins (It) 20908

low maternal antibody titer, clin. & serol. significance in fetal erythroblastosis (Ger) 46081

oxygen transfer across hemochorial placenta in postmature pregn. 7603

oxytocic properties of blood (Fr) 15138

oxytocinase, form. in placenta (Ger) 25204

phenolic steroids, column chromatography (It) 44279

plasma & blood volume in late & prolonged pregn. 30971

pregnandiol 28988

protein, lipid & lipoprotein fraction in normal pregn. 46999

proteins 40091

proteins (Rus) 12146

proteins, eff. of intrauterine fetal death (It) 6852

proteins, lipids, transaminases, mucopolysaccharides, uric acid & other components (It) 54247

resin uptake of radioiodine-labeled thyroxin in blood of pregnant women, comparison with uptake in blood of non-pregnant women 40680

ribose-5-phosphate & pentoses (It) 9406

sex chromatin variations in neutrophils in peripheral blood in women (Pol) 30384

tocopherols in cattle (Fr) 26920

***complications***

***see also*** **PREGNANCY TOXEMIAS**

abdom. lithopedion with full term pregn., case report 7492

acromegaly, case report (Ger) 9963

acute abdom., differ. diag. 28541

acute adrenal necrosis 5569

acute renal failure, case reports (Dan) 10629

acute renal failure, hypofibrinogenemia & transitory myoglobinuria, case report 10327

afibrinogenemia (Ger) 22799

afibrinogenemia, diag. 38578 41856

afibrinogenemia, diag. & management (Sp) 8942

afibrinogenemia, diag. & ther. (It) 32107

afibrogenemia in first trimester 43172

afibrinogenemia, recognition of thromboplastic state (Ger) 25202

afibrinogenemia with subsequent hemorrh. (It) 54256

agranulocytosis 47360

amniotic fluid loss, causes (Rus) 45221

anemia 2982 18771

anemia (Ser) 29395

anemia, causes (Ger) 21648

anemia, detection by correlation to total hemoglobin mass & erythrocyte volume 12417

anemia, eff. on phys. working capacity 23823

anemia, etiol. & ther. (Fr) 35613

anemia, hyperchromic, clin. manifest. & ther. (Dan) 55104

anemia, hypochromic, hemostimulin ther. (Rus) 12112

anemia, hypochromic, prev. 6173

anemia, hypochromic, ther., $\alpha$-aminoacetic ferrous sulfate complex 43793

anemia, hypochromic, ther., iron-dextran complex 22165

anemia, iron defic., causing cramping of gastrocnemius musc., ther., iron compound-dried yeast prep. (Ger) 11436

anemia, megaloblastic 5572 14406 41867 41874

anemia, megaloblastic, statist. in Venezuela 12406

anemia, pernicious, ther., vitamin B12 & iron sulfate (Sp) 21202

anemia, spherocytic, congen., onset in pregn. & puerperium, case reports 52833

anemia, ther. (Rus) 12111

anemia, ther., iron (Dut) 29993

anemia, ther., intramusc. iron (Sp) 39617

anemia, ther., iron-dextran complex, intramusc. admin. 20068

anemia, ther., iron, parenteral admin. 35748

anemia, ther., parenteral iron 7631

appendicitis 24512

appendicitis, acute, surg. (Fr) 26246

appendicitis, perforative, with peritonitis (Dut) 30014

backache, exercise ther., manipulation procedure 43302

bladder dis. (Ger) 29486

buccodental disord., diag. & ther. (Fr) 21353

burns, eff. on labor course 24521

carotid artery aneurysm, excis. using hypothermia & vasc. shunt 1227

carpal tunnel synd. causing acroparesthesia of hand 17854

caused by potassium permanganate & other corrosive douches before & during pregn. 7633

cecal volvulus, case reports 12834

cervical incompetence, surg. 7624

choriocarcinoma in late pregn. (Ger) 49759

clin. & pathol. demonstrations (Ger) 20606

common bile duct rupt. causing maternal death 644

conductive deafness, facial nerve paralysis & absence of vestibular response, case report 11741

constipation, ther., bis (p-acetoxyphenyl)-2-pyridylmethane (Sp) 18852

constipation, ther., dioctyl sodium sulfosuccinate - diacetyldihydroxyphenylisatin prep. 35902

Coxiella burnetii isolation from placentas of women infected many years previously 28401

Coxsackie virus infect. causing fatal infect. in newborn 7628 10345

Curtius synd. (Ger) 49756

cystic degen. of kidney, case reports (Ger) 55747

diag. by percutaneous bilateral pelvic angiography, technic 12667

diarrhea, hypopotassemia & intra-abdom. hemorrh., fatal case 19850

diphyllobothriasis causing anemia (Rus) 12113

echinococcosis of pelvic orifice in primipara, cesarean section (Heb) 3963

edema, pathophysiol. (Ger) 22747

edema, ther., acetazolamide (It) 29618

edema, ther., 6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide 626 40279 52654

edema, ther., 3, 4-dihydro-7-sulfamoyl-6-trifluoromethyl-1, 2, 4-benzothiadiazine-1, 1 (2H)-dioxide & 6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide (Dan) 45517

edema, ther., diuretics, review (Ger) 49751

edema, vulvar, case report (It) 29631

eff. of progesterone & various progestational agents in women 13213

endocarditis caused by $\alpha$-hemolytic streptoc. ther. 54591

endophlebitis hepatica obliterans simulating Chiari synd. (Ger) 39534

gangrene of genitalia, ther. & case reports (Por) 35956

gout, case report 12408

gunshot & grenade inj. of uterus, case reports (Fr) 26235

gunshot inj. of uterus, case report (Fr) 14370

hemorrhagic infarct of adrenal glands & symmetrical necrosis of adrenal cortex (Ger) 46085

herpes gestationis, case report 20107

herpes, pathogen. mechanisms 42572

hydatiform mole, statist. 7993

hydatiform mole with eclampsia & pre-eclampsia, case reports (Sp) 39616

hyperemesis, blood protein picture (It) 21479

hyperemesis, eff. of cocarboxylase on blood pyruvic acid content (Ger) 24851

hyperemesis gravidarum (Ger) 43844

hyperemesis, ther., chlorpromazine & promazine (Ger) 10304

hyperemesis, with acute yellow atrophy 17547

hypertension, ocular manifest. (Por) 8774

hypertension, with recur. in subsequent pregn., pathogen. mechanisms (Fr) 37927

ileitis, regional 17851

in adolescents, statist. (Ger) 46075

in late secundiparity, statist. (Sp) 44529

in young & old subjects 45926

infect. hepatitis 2987

infect. hepatitis, blood proteins, electrophoresis (Ger) 46099

infect. hepatitis, progn. (Rus) 46811

infect. hepatitis, relation to primary liver cancer in inf. (Rus) 45106

influenza, Asian, caused by virus of Singapore A 1/57 type, virol. aspects (It) 53689

influenza, management & eff. on fetus (Sp) 224

influenza with pleural empyema, causing prematurity (Ger) 33948

intestinal obstruct. (Ger) 46385

intestinal volvulus, review & case reports 20062

intussusception (Rus) 9876

iron defic., eff. on depot ferritin & hemosiderin of placenta, fetal liver, spleen & kidneys (Ger) 42297

jaundice, etiol. (It) 8606

leg varices, ther. (Sp) 39618

leiomyoma of pelvic & gluteal regions, recur. calcified 16988

lipodystrophy, progressive 20473

liver dis. (Ger) 38921

liver rupt., spontaneous 20071

liver rupt., spontaneous fatal (Dut) 7342

lymphatic leukemia with leukemia in inf. 9 months after birth, case report 19844

management, review 19832

massive bilateral breast hyperplasia, case report 20095

measles causing abnorm. (Fr) 54139

nausea & vomiting, ther., menadione-vitamin C prep. (Fr) 22465

nephritis, case reports 39735

nephropathy, ther., reserpine (Rus) 46809

nephrotic synd. with hypertension, determ. of 17-ketosteroids in amniotic fluid (It) 24956

neurol. disord. 43398

non-eclamptic toxic encephalopathy with mesencephalic malacia (Ger) 55739

orthopedic disord., postural & traum. 20549

osteitis condensans ilei, x-ray differ. diag. from disloc. of pelvic girdle (Ger) 39406

osteomalacia, urinary amino acids, chromatography (Fr) 26219

ovarian cysts, surg. (Fr) 26259

ovarian theca-cell hyperplasia 47000

pancreatitis, acute, surg. (Fr) 10642

phlebitis, case report (Fr) 26228

polio., eff. on course of pregn. & on inf., case reports (Fr) 26279

polio., obst. management 2990

polyostotic fibrous dysplasia, case report 12407

porphyria 10461

porphyria (Por) 47290

precordial murmurs 7425

progesterone ther. causing masculinization of female inf. 48505

prolonged anuria 2193

Pseudomonas infect. causing stillbirth & bacteremic shock 24513

pulm. embolism by amniotic fluid causing maternal death 22722

pulm. embolism, maternal mortal. in Ohio 7652

pulm. embolism, ther., stellate ganglion block 52835

pyelitis (Fr) 26976

pyelitis (Ger) 42361

pyelonephritis (Fr) 9040

pyelonephritis, manifest. & ther. (Sp) 27233

rabies, causing abnorm. in inf. (Ger) 25218

relation to age & parity 47362
relation to minor degrees of uterus abnorm. 5565
review 18690
20562
rubella causing abnorm. (Sp) 46678
rubella causing abnorm. in inf. (Ger) 15460
rubella causing congen. heart dis., microphthalmia & cataract in premature inf., case report (It) 43806
rubella causing develop. abnorm. of eyes 23688
rubella, eff. on fetus, validity of statist. (Sp) 2953
rubella, incidence of deafness in offspring 41830
rubella, relation to fetal abnorm. 51056
rupt. of cesarean scar with placenta previa & placenta accreta 40344
rupt. of common bile duct cyst 37651
rupt. of parauterine veins of left posterior uterine wall in eighth month (Ger) 3752
rupt. of pregn. rudimentary horn of bicornate uterus, case report 20066
rupt. of pubic symphysis, spontaneous, management (Dan) 10635
rupt. of splenic artery aneurysm in medionecrosis disseminata, case report (Ger) 23214
schistosomiasis of uterus 50982
skin dis. 6978
skin dis., allergic etiol. & relation to adrenal funct. (It) 21488
skin dis., review 12318
spleen rupt. 643
spleen rupt. at term. spontaneous (Rus) 22541
Stevens-Johnson synd., case report 7616
subarachnoid hemorrh., spontaneous 47013
supine hypotensive synd. (Ger) 44921
supine hypotensive synd. with tachycardia in late pregn. 52596
surg. for preserv. of pregn. 38594
surg., indic. 26378
surg. problems 22738
symphysiolysis, diag. & ther. (Cs) 38269
ther., adrenal cortex hormones & ACTH, indic., review (Ger) 15979
ther., chlorpromazine (Ger) 19434
ther., cortisone, indic. & contraindic. (Fr) 44644
ther., glutethimide 38046
ther., vitamin E, review (Pol) 53145
thromboembolism, incidence (Ger) 23243
thrombophlebitis, heparin ther. (Dut) 30007
thrombosis, ther., mixture of heparin & heparin-like substances (Ger) 42290
thyroid abscess rupt. into larynx in thyroiditis & goiter, case reports (Pol) 30316
torsion of fallopian tube (Nor) 45410
toxoplasmosis (Pol) 33705
33707
toxoplasmosis, causing abnorm. & abortion (Pol) 33706
toxoplasmosis, causing congen. deafness in offspring 11731
toxoplasmosis causing ment. retardation in inf., case report (Pol) 39636
toxoplasmosis, daraprim & toxoplasmosis ther. of latent cases (Pol) 33677
toxoplasmosis, hazards to fetus (Ger) 11448
toxoplasmosis, prev. (Fr) 53031
toxoplasmosis, prev. with sulfonamides (Ger) 34576
types of compl. & inf. mortal. in Burma 41460
urinary tract infect. 2988
urol. disord. 17485
uterine prolapse, case reports (Fr) 26371
uterine rupt. after previous cesarean section (It) 54259
uterine rupt. after previous cesarean section, case report & statist. (Fr) 26253
uterine rupt., case reports (Sp) 27585
uterine rupt. caused by placenta percreta, case reports (Ger) 39754
uterine rupt., statist. 3931
uterine rupt., statist. (Sp) 7572
7591
uterine rupt. in automobile accid., case report 12671
uterine rupt. in last trimester 45092
uterine rupt. in Moroccans, incidence, causes & compl. (Fr) 37711
uterus rupt., differ. diag. from hematoma of rectus abdominis 24515
vaginal discharges, classif. & management 22736
vaginal listeriosis, transm. to fetus (Por) 16147
varicose veins (Ger) 15304
vasomotor rhinitis, ther. 45929
virus dis., eff. on fetus 14214
virus dis., eff. on fetus, review (Pol) 53154
virus dis., relation to fetal abnorm. (Ger) 52258
vitamin B6 defic. (Rus) 55298
vitiligo of breasts (Ger) 46381
volvulus of cecum & ascending colon causing intestinal obstruct., case report 37660
volvulus of sigmoid 17844
vomiting, severe (Fr) 9665
vomiting, ther., buclizine-belladonna alkaloid-vitamin B6 prep. 10997
vomiting, ther., chlorpromazine (Pol) 27587
vomiting, ther., meprobamate (Fr) 8143
vomiting, ther., perphenazine causing acute dystonia 48286
vomiting, ther., perphenazine suppositories 47014

***hemorrhage***

accid. antepartum hemorrh., statist. 18775
afibrinogenemic hemorrh., ther., fibrinogen manufactured from human plasma 35269
clin. manifest. & ther. (Dut) 29999
concealed hemorrh. with placenta abruption, case report 7493
etiol. & ther. 9836
gastrointestinal hemorrh. during 8th month, case report (Fr) 26272
hematomas, pelvic, classif. & ther. 7621
hematomas, perigenital, clin. statist. 7622
hemorrh., shock & hemorrh. diathesis 8136
in last trimester, etiol. & management 7942
occult transplacental hemorrh. causing anemia in newborn (Cs) 38321
ther., norethisterone & 17α-hydroxyprogesterone caproate 13214
uterine hemorrh. caused by hemorrh. diathesis (Por) 8821
vaginal bleeding in third trimester caused by potassium permanganate burns 10995

***in various diseases***

achondroplasia, survival of inf. of achondroplastic mother & father, case report 6470
Addison's dis. 45805
Addison's dis. (Fr) 25076
Addison's dis., failure to demonstrate hydrocortisone & aldosterone 50439
adrenal dis. 3985
adrenogenital synd., cortisone ther. (Ger) 22756
allergy & asthma, ther., basasthman-new (Sp) 21776
angina & congestive failure due to aortic insuff., relief by Hufnagel valve, subsequent term pregn. 35629
bilateral Krukenberg tumor of ovaries (Por) 31853
bladder exstrophy & split pelvis, progn. 50979
cancer of brain, exacerbation of sympt. in pregn. 14236
cancer of brain, surg. (Ger) 33854
cancer of breast & cervix, ther. (Sp) 15489
cancer of breast, clin. pathol. conf. 5242
cancer of cervix, clin. statist. (Sp) 39619
cancer of cervix, diag. (Fr) 31898
cancer of cervix, diag. & ther. problems (Fr) 44642
cancer of cervix, diag., Papanicolaou smear & biopsy 38576
cancer of cervix, exacerbation of cancer (Sp) 8708
cancer of cervix, review (Fr) 29989
cancer of cervix, review (Por) 8819
cancer of cervix, review (Sp) 7593
cancer of left breast after right mastectomy, surg. in 3rd month of pregn. (Ger) 32664
cancer of ovaries metastatic from stomach cancer, case reports (Ger) 25179
cancer of ovaries, primary, case reports 20093
cancer of stomach, develop. from peptic ulcer, autopsy report (Hun) 41987
cancer of stomach, diag. (Rus) 12134
cancer of tongue & internal carotid artery ulceration, case report (Fr) 26247
cancer of vulva, case report 3942
cardiovasc. defect, congen. (Rus) 45108
cardiovasc. dis., air travel during pregn. (Fr) 29335
chloroma, 1st case report (Pol) 20189
coarctation of aorta, incidence, hazards & management 30919
diabetes, classif. & ther. (Fr) 54070
diabetes & prediabetes, relation to large babies 7991
diabetes insipidus (Ger) 11041
3943
diabetes insipidus, post-traum., ther., posterior pituitary extract (Fr) 26349
diabetes mellitus 3922
17564
27254
diabetes mellitus, causing tetany in newborn, incidence 7846
diabetes mellitus, clin. statist. (Fr) 36636
diabetes mellitus, eff. of carbutamide on blood sugar (It) 9415
diabetes mellitus, eff. of prediabetic pregn. on perinatal mortal. & congen. abnorm. 29220
diabetes mellitus, eff. on fetus 14702
diabetes mellitus, eff. on maternal & fetal blood pH, gases, electrolytes & hemoglobin, review 43494
diabetes mellitus, eff. on offspring clin. study & review 34986
diabetes mellitus, fetal mortal. 17842
diabetes mellitus, fetal progn. (Fr) 26256
32414
diabetes mellitus, management 2998 12427 17457 27244
diabetes mellitus, physiol., ther. & eff. on fetus, review (It) 21481
diabetes mellitus, progn. (Rus) 46806
46807
diabetes mellitus, relation to large inf. births, review 20015
diabetes mellitus, review (Rus) 45109
diabetes mellitus, treatment with estradiol valerate & 17α-hydroxyprogesterone caproate 13218
diabetes mellitus, urinary steroid excretion 49170
diabetes mellitus with advanced vasc. dis., management 2984
diabetes mellitus with hydramnios & loss of fetal movements, case reports 12395
eff. on offspring, clin. study & review 34986
epidermoid carcinoma in situ of cervix, delaying of extensive diag. & ther. procedures until puerperal state (Sp) 20049
familial purpura simplex, compl., abruptio placentae, thromboplastin intoxication & hemorrh. diathesis (Ger) 1790
fibroma of left kidney bed & uterus in pregn. at term, surg., cesarean section, hysterectomy & removal of renal fibroma (Fr) 26243
gyn. & urol. disord., x-ray problems 12675
heart block, complete auric.-ventric., case report (It) 9413
heart dis. 2983
heart dis., statist. 42124
heart dis. (Sp) 6835
35971
heart dis., cardiotrophother. (It) 53681
heart dis., conservative management 16393
heart dis., obst. management (It) 6896
heart dis., statist. in Malaya 18772
Hodgkin's dis. (Sp) 53342
Hodgkin's dis. & leukemia, ther., cytotoxic drugs & x-ray ther. 11635
Hodgkin's dis., eff. of pregn. on course (Rus) 12115
hyperthyroidism, eff. of ther. agents on fetus 1792
kidney dis. & hypertension 3012
kidney dis., chronic, eff. on kidney funct. (Ger) 23242
kidney dis., immediate & remote results (Fr) 9037
kyphoscoliosis, compl. & ther. (Fr) 18504
leiomyoma of uterine cervix, case reports 20081
leiomyoma of uterus 3025
leiomyoma of uterus, conservative surg. (Ger) 29435
leiomyoma of uterus, management (Fr) 27735
leiomyoma of uterus, pedunculated, case reports 36025
leukemia & Werlhof's dis. (Rus) 6029
lupus erythematosus, disseminated, & thrombopenia, transplacental transfer of factors responsible for L.E. cell form., case report 12342
lupus erythematosus, systemic, with albuminuria, ther. & progn. 39726
malaria, eff. on duration of pregn. 2261
malaria, eff. on newborn inf. 37681
malignant melanoma of vestibule & external urethral meatus 10460
10890
melorheostosis, case report 7614
mitral stenosis, post-commissurotomy pregn., progn. & case report (Fr) 2298
mouth dis., etiol. & ther. (Pol) 39626
multiple sclerosis 2991
multiple sclerosis, possible etiol. role (Rus) 4137
paraplegia in patient with bilateral amputation of legs, prenatal care, role of obst. clinic nurse 52808
pheochromocytoma 50987
prediabetes as cause of explained stillbirth 27245
prediabetes mellitus, relation to embryopathy (Ger) 46115
pre-diabetes, statist. 35271
reticulum cell sarcoma 5576
retroperitoneal tumor of possible mesonephric origin 50983A
rheum. arthritis, serum 17-hydroxycorticosteroid levels & joint sympt. during pregn. & following parturition 35473
rheum. heart dis., ther. & progn. 1142
syphilis, ther., penicillin (Ger) 39014
teratoma of ovary, case report (It) 38544
ther., cortisone, indic. & contraindic. (Fr) 44644
tuberc. 2989
tuberc., early diag. (Rus) 45110
tuberc., genital, with placental lesions, successful delivery in primipara (Ger) 34577
tuberc., miliary (It) 3639
tuberc., pulm., full-term delivery following major thoracic surg. 12804
tuberc., pulm. incidence & post-op. course 12788
tuberc., pulm., progn. (Rus) 45111
tuberc., pulm., resp. & circ. changes (Ger) 38924


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

tuberc., renal, case reports (Fr) 44645
tuberc., vitamin C metab. in (Rus) 31204
ulcerative colitis (Fr) 8341
uterine malform. 50695
uterus bicornis unicollis uniforis in full-term pregn., case report (Por) 18824
valvular heart dis., surg. indic. & management (Fr) 9032

*metabolism*

biochem. & metab. changes in normal pregn., AMA council report 40270
citric & succinic dehydrogenases in fetal & maternal liver & placenta in various stages of pregn. (It) 37352
eff. of isoniazid on vitamin B6 metab., defic. & urinary xanthurenic acid excretion (Ger) 18323
eff. of pantothenic acid defic. on total vitamin C in pregn. rats (Fr) 15100
estrogen utilization in normal & in pathol. pregn., determ. & progn. value (Fr) 53404
estrogens & progesterone 12412
glucose assimilation in normal pregn., labor & puerperium (It) 13114
glucose catabolism in breast, eff. of insulin & phenazine methosulfate 52414
glucose-6-phosphatase activity in rat liver 35739
glucose tolerance in rats, eff. of somatotropin admin. 24809
glutamic oxalacetic & glutamic pyruvic transaminase in blood & urine in different stages of pregn. (It) 9402
glutamic oxidase & $\alpha$-ketoglutaric oxidase activities of uterus in rats (It) 32593
glycogen content of uterus & placenta, histochem. determ. in rats (Rus) 13867
hexokinase in fetal & maternal liver & placenta in various stages of pregn. (It) 37350
histidine, renal tubular reabsorp. (Ger) 27179
liver cocarboxylase (It) 37351
liver fat content & alkaline phosphatase activity in cattle near time of parturition 50472
metabolic action of phosphorus-free calcium supplements 43305
peroxidase activity in metrial gland of pregn. rat 49356
proteins & water, role of connective tissue (Ger) 7086
sodium excretion 6743
sugar, chlorides & nicotinic acid content in blood & amniotic fluid (Rus) 13150
3-sulfanilamido-6-methoxypridazine, maternal & newborn distribution & excretion 7599
total exchangeable sodium & potassium, comparison with non-pregn. women & pre-eclampsia 28999
tryptophan & vitamin B6 (Ger) 18932
uric acid 12428
urinary uric acid levels in relation to blood glucose concentrations 32219
vitamin A & $\beta$-carotene, comparison in labor & puerperium (Ger) 40184
vitamin B12 35738

*physiology*

acclimatization response of pregnant ewe & fetal lamb to diminished ambient pressure 4655
action potentials of uterus at term & in labor & puerperium, electrographic recording (It) 13105
adrenal weight, morphol. & histochem. in aged multiparous mice (Fr) 48858
antibody response of pregnant women to polio. & vaccine & passive transfer to inf. 28428
antibody response to polio. vaccine in preg. women & their inf. 4443
antiteratogenic eff. of cortisone acetate after maternal inject. into hen 16289
basal temperature regulation (Ger) 25209
blood circ. time (Ger) 15392
blood coagulation (Ger) 46078
blood pressure fall in pregn. rats with exper. renal hypertension, relation to fetal kidney 2058
cervical mucus crystallization 49818
changes of fibrous network of uterine mucosa, electron microscopy (Ger) 47635
cytol. & colposcopy of ectocervix 10075
degen. of corpus luteum in hypophysectomized impregnated rats before nidation (Fr) 26896
distal motor activity in (Ger) 34212
duration, determ. by fetal-adult hemoglobin ratio (Fr) 26179
eff. of alloxan & cortisone on capillary network & circ. in islands of Langerhans in pregn. rats (It) 49590
eff. of antimitotic cpds. in mouse 10061
eff. of changes in body temperature & hypoxia on pregn. in adrenalectomized rat 49508
eff. of changes in body temperature & hypoxia on pregn. in rat 49507
eff. of diethylstilbestrol in rats 41226
eff. of digitoxin on adrenal weight & on blood volume in pregn. rats 24818
eff. of electrocoagulation in cervical erosion (Hun) 7701
eff. of epinephrine, arterenol & acetylcholine on spontaneous motility of uterine strips in vitro 50979
eff. of exper. hemorrh. with x-irradiation (Rus) 51766
eff. of exper. hypervitaminosis A in pregn. on induction of head malform. in fetus (It) 29577
eff. of exper. hypervitaminosis A in pregn. rats on growth of offspring 131
eff. of exper. neuroses on conditioned reflexes in pregn. & lactating rabbits & on offspring growth (Rus) 49565
eff. of folic acid & vitamin B6 admin. on prev. of cleft palate & harelip in offspring 30657
eff. of hormone admin. on fetus & newborn 31600
eff. of hypophysectomy on 6th day of pregn. on evolution of corpus luteum, in progesterone-treated rats (Fr) 15087
eff. of hypothermia on pregn. animals & fate of offspring, eff. of chlorpromazine admin. in various temperatures (Rus) 12149
eff. of iproniazid & reserpine on induction of false pregn. in rats (Fr) 48866
eff. of maternal admin. of Salk vaccine on antibody response to neonatal vacc. in inf. (Sp) 13907
eff. of maternal age at time of first litter in mice 17363
eff. of maternal nicotine admin. on offspring in rats 54396
eff. of maternal pentobarbital admin. before cesarean delivery on fate of offspring in guinea pig 19793
eff. of maternal thyroid funct. on fetal thyroid funct. & develop. 50412
eff. of maternal x-rays on fetus (Sp) 7576
eff. of moniliasis in mice (Ger) 48245
eff. of nutritional state of mother prior to conception, AMA council report 16650
eff. of pregn. on tumor growth in rat & eff. of tumor on fetus 26456
eff. of progesterone on ovarian morphol. & on embryonal mortal. in rats, pigs & sheep 13199
eff. of prolonged sub-toxic lithium in rats 36985
eff. of reproductive cycle on nutritional status & requirements 28169
eff. of sensitization by antigen inject. in guinea pigs on duration of pregn., labor & fetal develop. (Sp) 9730
eff. of sex hormones in rat 15609
eff. of spinal cord lesions in rat (Fr) 5767
eff. of tolbutamide in normal pregn. 20069
eff. of uterine ischemia on blood pressure in rabbits 5573
eff. of vitamin supplementation in prev. of cleft palate & harelip in offspring 30658
eff. of working cond. (Ger) 15334
eff. of working in metallurgy indust. on course of pregn. (Pol) 39633
eff. of x-irradiation of mouse during pregn. on incidence of leukemia in five generations of descendants (Fr) 2317
eff. of x-ray on hemopoistic organs & fetus in animals (Rus) 12148
eff. on ballistocardiogram (Sp) 1550
eff. on continuous growth & calcification of rat incisors (It) 37149
eff. on gingiva, histochem. 40774
eff. on ment. develop. of child (Pol) 30737
eff. on positive cytol. in genital cancer exam., suggested recording by Positive Cytol. Registry 12388
eff. on uterine musc. histol. in rabbit 16957
embryomegaly & increased fetal mortal. in pregn. rats with mild alloxan diabetes 49174
endocrine glands (Sp) 15522
excitability of uterus, method of determ. (Rus) 12167
fetus as site of increased form. of histamine in pregnant rat 41346
general adaptation synd., transm. & eff. of stress on fetus, prev. (Fr) 22459
higher nerv. activity in white rats (Rus) 12152
kidney clearance in normal & toxemic pregn. (Ger) 25190
kidney funct. serial studies in normal women 40693
liver funct., normal values 628
liver funct. studied by cadmium reaction (It) 21485
liver in normal pregn., comparison with pre-eclamptic & eclamptic pregn. 18408
liver regen. in partially hepatectomised pregn. rats 44128
maintenance of pregn. in rats after ovariectomy by various progestational cpds. 31449
mammary souffle of pregn. simulating patent ductus arteriosus 14987
maternal inject. of tocopherol during labor in prev. of vitamin E defic. in newborn inf. (Sp) 8878
mucoprotein determ. in amniotic fluid in full term normal pregn., Winsler's method (It) 24962
musc. action potentials of uterus (It) 37392
myometrial motility, comparison with non-pregn. uterus 10467
normal develop. of pregn. following bilateral ovariectomy, case report (Fr) 14393
normalizing eff. in hyperandrogenism (Fr) 36053
oxygen capacity of fetal blood in normal & pathol. pregn., comparison 7623
oxytocic eff. of hypertonic sodium chloride, intravenous admin., in term pregn. 47007
palm leaf reaction of cervical mucus (Dut) 29902
pelvic exam. by single erect lateral x-ray film, value & limitations 28978
plethysmographic reactions to gustatory stimuli (Rus) 12151
precp. cond. of cervix in surg. induction of labor 2633
protective eff. against develop. of infarct-like cardiopathy & nephrocalcinosis in rats 5567
pyelo-ureteral & vesical changes during pregn. & puerperium studied by urography with triiodated contrast media, clin. investigation & review (It) 24966
reactions of cervical mucosa in early months of pregn., determ. by post-coital tests (Sp) 7583
reactivity of fetal pituitary-adrenal system during last days of pregn. 36608
renal tubular reabsorp. of glucose 44890
spontaneous exchange of blood between mother & fetus as natural means of prev. of erythroblastosis fetalis 17506
thyroid gland 2986
thyroid hormones, review (Fr) 38649
Toxoplasma antibodies in unselected group of obst. patients 5144
transm. of transfused sickle trait cells from mother to fetus 24500
uterus blood supply, determ. with radiosodium (Ger) 49757
uterus, electrolyte composition 50972
vaginal secretion, cytol. (Rus) 46810
variations in peripheral circ. 12384
weight gain in pregn. 42110

*psychology*

emotional problems, ther. & prev. 43706
psychoanalytic interpretation of narcissistic defenses during pregn. 8410

*urine in*

antidiuretic substances 646
chorionic gonadotropin, 17-ketosteroid & pregnandiol variations (Sp) 44386
$\Delta$ 1, 3, 5-estratriene-3$\beta$, 16$\beta$-diol-17-one & $\Delta$ 1, 3, 5-estratriene-3$\beta$-17$\beta$-diol-16-one, isolation 13729
$\Delta$ 5, 7, 9-estratrienol-3-one-17 in pregn. mare urine 29816
estrogenic activity not accounted for by estradiol, estrone & estriol 201
hematuria, essential, case report (Hun) 30290
histamine excretion in pregn. rats, increased levels 5791
17-ketosteroids, fractionation as means of determining fetal sex (Fr) 7756
17-ketosteroids, in normal & pathol. pregn. (Rus) 12125
luminescent analysis (Rus) 12165
pregnandiol in pregn. ewe 42966
progesterone & 17-ketosteroid excretion (Ger) 22761
sediment cytol., clin. value (Sp) 6943
steroids & other lipids in pregn. cows, isolation & analysis 50517
sugar excretion, determ. & hormonal aspects of glucose transport mechanisms (Ger) 49016
vitamin B2 (Rus) 12110

## PREGNANCY, ECTOPIC

47003
heterotopic 48525
heterotopic (Heb) 16087
interstitial, review (Dan) 45489
ovarian, case report & review (It) 53692
review (Ser) 21969
tubal unilateral twin pregn. (Dut) 7324
twin tubal, with delivery at term (Heb) 49036

*case reports*

abdom., at term, with living fetus (It) 36971
abdom., follow-up tests for determ. of placental activity 636
abdom., full-term pregn. with survival of mother & inf. 12396

abdom., preop. diag. 8003
abdom., with delivery of surviving inf. 52838
abdom., with elimination of placenta through bladder 635
broad ligament pregn. 45087
cervical (Dut) 30013
cervical (Ger) 23239
following rupt. of scar of cesarean section, case report (Por) 30877
heterotopic 634
heterotopic (Ger) 22746
heterotopic (Ser) 21962
41930
in genital tuberc. (Sp) 31023
in uterus bicornis (Por) 13590
interstitial (Fr) 26263
interstitial (Ger) 23217
interstitial (Indonesian) 41974
ovarian (Fr) 48362
ovarian, diag. problems (Fr) 26240
ovarian, early primary intrafollicular implantation 47004
primary ovarian 631
primary ovarian, 3 cases, one with implantation in endometrial cyst of ovary 20094
primary peritoneal 632
7635
recur., caused by tuberc. salpingitis 236
simultaneous bilateral tubal pregn. 36011
tubal, after PAS & streptomycin ther. of genital tuberc. 17838
tubal, bilateral (Ger) 23221
tubal, caused by Schistosoma haematobium infect. of internal genitalia 630
tubal, caused by uterine fibroma, causing hemoperitoneum (It) 38546
tubal, unilateral twin pregn. 633
tubal, with atypical endometriosis 52839

***complications***

abdom., rupt. with acute cholecystitis (Rus) 41544
rupt. of fallopian tube, etiol., diag. & case reports (Fr) 27728
tubal, in cancer of cervix (Rus) 12130
tubal rupt. with severe anemia, anesth. problems (Ger) 46286
tubal, with hydatiform mole 36030
tubal, with primary choriocarcinoma (Ger) 46284
tuberc. salpingitis (Heb) 16066

***diagnosis***

by curettage material (Ger) 16071
Cullen's sign, histol. & hist. note 7630
gravimetric estimation of chorionic gonadotropin 52839

***differential diagnosis***

cervical, from cancer of cervix (Ger) 11440
corpus luteum cyst rupt. simulating ruptured ectopic pregn. (Hun) 51428
pseudoectopic pregn. caused by gonadotropin admin. (Ger) 15973
tubal, differ. diag. from spontaneous amputation of appendix after peritubal hematocele (It) 15031

***etiology and pathogenesis***

tuberc., female genital, latent, prev. in GP (Fr) 3705

***pathology***

proliferative cond. of epithelium of portio cervicis, histopathol. (Hun) 41991
uterine decidua 629

***statistics***

incidence & course 47002
incidence & course, analysis of 322 cases during 20-year period 16579
tubal 2844

***surgery***

local anesth. (Rus) 54563
of unusual types 17486

**PREGNANCY, MULTIPLE**

***see also*** **QUINTUPLETS**
***see also*** **SUPERFETATION**
***see also*** **TRIPLETS**
***see also*** **TWINS**

***blood in***

fetal sex determ. by umbilical blood smear (Ger) 22818

***statistics***

compl. & risks 18779
in Spain (Sp) 21132

**PREGNANCY TESTS**

(Sp) 27215
Aschelm-Zondek test with aid of hormone precipitation test (Ger) 34573
biol. tests (Por) 947
cervical mucus crystallization, in early pregn. (Sp) 27584
cervical smear with fern test 41079
chem. test using Lugol's solution (Fr) 43955
color reaction on paper (Sp) 15523
eff. of amphetamine on pregn. tests with immature rats, response of hypophyseal-utero-ovarian system to higher nerv. funct. 9461
frog test, false positive reactions caused by chlorpromazine & promazine ther. 28344
Galli-Mainini test (Fr) 32011
Galli-Mainini test, methods of concentration of gonadotropins in urine (It) 9410
Galli-Mainini test, prev. of false negative results (It) 19237
gravimetric estimation of chorionic gonadotropin 52839
histidine determ. in urine (Sp) 8894
iodine reaction for early diag. (Rus) 12153
Richardson test (Sp) 21788
Richardson's color reaction for determ. of urinary free estrogens, evaluation (Hun) 41990
sensitivity & precocity of positive test, relation to qualitative chorionic gonadotropin secretion at 1st stages of fertilization (Fr) 9638
Soskin test with acetylcholine chloride-3-pyridinemethanol-pyridostigmine bromide prep. (Ger) 23232
urinary determ. of chorionic gonadotropin, electrophoresis 7268
x-ray exam., reduction of dos. (Sw) 52735

**PREGNANCY TOXEMIAS**

***see also*** **ECLAMPSIA**

allergic origin & hypotensive ther. 7602
atypical 10276
differ. diag., clin. aspects & ther. 51569
late toxemia, clin. manifest. & ther. (Ger) 23254
physiopathol. & management 8125
physiopathol. & ther. 40937
pre-eclampsia, eff. of personality & body build 20876
present-day concepts 45915

***blood in***

fibrinogen in labor (Ger) 24800
glutathione & vitamin C in pre-eclamptic toxemia, comparison with normal pregn. 40102
histaminase & placental histaminase in normal & toxemic pregn. in Bantu 38139
inhib. of vasopressin by sera of pre-eclamptic women (Por) 16144
plasma, eff. on mean corpuscular volume of erythrocytes (Ger) 16072
proteins, electrophoresis (Rus) 12147
pyruvic acid, eff. of cocarboxylase (Ger) 24851

***case reports***

fatal case 5246
43325

***complications***

chronic hypertension, etiopathogen. (Ger) 6709
fetal atrophy syad. caused by placental dystrophy (Por) 35954
maternal death, causes 3013
myocardial ischemia & oxygen metab. disord. (It) 29619
placenta praevia 12410
pre-eclampsia with hydatiform mole & eclampsia, case reports (Sp) 39616
pre-eclampsia with hydatidiform mole, incidence in Helsinki 36017
pre-eclampsia with retinal detachment (Dut) 52548
pyelonephritis, chronic, caused by pre-eclampsia (Ger) 15972
thromboembolism, incidence (Ger) 23243
vitamin B6 defic. (Rus) 55298

***diagnosis***

38579
cadmium reaction (It) 21485
histidine determ. in urine (Sp) 8894
nasal mucus smear 24504

***etiology and pathogenesis***

allergic factors, relation to adrenal funct. (It) 21488
fetal drain of hexose in ovine pregn. toxemia, review 15237
fetal erythroblastosis, hydatiform mole & hydramnios 17831
nicotinic acid, vitamin $B_1$ & vitamin $B_2$ defic. as possible causative agents 16302
placental & adrenocortical dysfunct. 3009
psychophysiol. factors 24508
relation to ABO blood group & Rh factor (Ger) 3739

***experimental***

pathol. changes in placenta in guinea pigs 28957

***immunology***

organ-specific antibodies in pre-eclampsia 49358

***manifestations***

initial sympt. (Sp) 54990
retinal arteriolar manifest., ophthalmoscopy 2100

***metabolism***

body fluid balance 3003
cytochrome oxidase & cytochrome a & c in placenta (Ger) 25200
electrolyte & protein content of edema fluid in different parts of the body (It) 29628
oxygen consumption by placental tissue 17847
pre-eclampsia, uterine electrolytes 50973
proteins in edema fluid, electrophoresis (It) 6353
renal excretion of sodium in pre-eclampsia, mechanism 3004
sugar, chlorides & nicotinic acid content in blood & amniotic fluid (Rus) 12150
total exchangeable sodium & potassium in pre-eclampsia, comparison with normal pregn. & non-pregn. women 28999
tryptophan (Ger) 18932
uric acid 12428

***pathology***

kidneys 45040
liver in pre-eclampsia, comparison with normal pregn. & eclampsia 18408
placenta 3008

***physiology***

cerebral blood circ. 3006
eff. on fetal weight 36033
eff. on lactation (Ger) 49814
inj. eff. to fetus & newborn, diag. & management 4550
kidney clearance in normal & toxemic pregn. (Ger) 25190
kidney clearance, value of determ. in follow-up after severe toxemia (Ger) 25191
liver funct., thymol turbidity test (Pol) 39635
peripheral vasc. bed 3005
placental vasc. system in late toxemias (Ger) 55458
plethysmographic reactions to gustatory stimuli (Rus) 13151
uterine blood circ. 3007
work & force of digital vasoconstriction in hypertension, comparison with normotensive pregn. 627

***prevention and control***

3010
50980
acetazolamide 10265

***statistics***

18773
recur. 17835

***therapy***

adiphenine in toxemias of 1st half of pregn. (Rus) 33178
artif. hibernation in fulminant toxemia 12420
6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1, 1-dioxide (It) 6860
44840
6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1(2H)-dioxide in pre-eclampsia, eff. on diuresis 40260
6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1(2H)-dioxide, mode of diuretic action 40279
chlorothiazide, diuretic & antihypertensive eff. 5264
10-(3-dimethylaminopropyl)thiophenylpyridylamine (Ger) 18933
pre-eclampsia 3011
14075
procaine, intra-arterial admin. in toxemias of 2nd half of pregn. (Rus) 33187
reserpine in preeclampsia (Ger) 23850
statist. (Sp) 21146

***urine in***

pregnandiol 7992
sodium excretion 6743
vitamin B2 (Rus) 12110

**PREGNANDIOL**

***in blood***

in pregn. 28988
pregnandiol-progesterone combined determ., chem. method 17040

***in urine***

during menstrual cycle 40802
eff. of hydroxydione succinate anesth. in gyn. surg. 36045
excretion during menstrual cycle, relation to cornification of vaginal epithelium 50520
in pregn. 42966
in pregn. (Sp) 44386
in pregn. toxemias 7992

***metabolism***

placental clearance as placental funct. test 12415

***PREJUDICE*** *see* **BEHAVIOR MECHANISMS**


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

***PREMEDICATION see*** ANESTHESIA

**PREMENSTRUAL TENSION**

(Fr) 9191

med., psychiatric & legal aspects 760

physiopathol. & potassium nitrate ther., clin. study & review (Fr) 48949

***etiology and pathogenesis***

abnorm. water storage 22580

clin. characteristics (Pol) 27606

***physiology***

in valvular heart dis., statist. & ther. (It) 6765

***psychology***

psychosomatic origins 38028

***therapy***

(Fr) 49742

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1(2H)-dioxide 40287

6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide (It) 6860

44840

17 α-methyl-19-nortestosterone 36026

multiphasic management 30155

potassium nitrate (Fr) 48955

**PRENATAL CARE**

***see also*** MATERNAL WELFARE

classroom method & audio-visual educ. aids for prep. for labor 27515

colposcopy in family planning clinic 17418

counseling in rural areas (Ger) 15307

early prenatal care in prev. of habitual spontaneous abortion 14400

eff. on inf. & maternal mortal. in Germany (Ger) 15397

in Austria, relation to inf. mortal. (Ger) 22798

in Boston 800

inadequate total prenatal care resulting in sudden death from bronchiectasis & caseous pulm. tuberc. 2-months after full-term pregn. 43140

management of diabetes mellitus in pregn. 12427

maternity clinic nursing 52792

med. & hosp. care, statist. 7876

nurses' role in parent educ. 52782

of paraplegic with bilateral amputation of legs, role of obst. clinic nurse 52808

prenatal hist., value in prev. of congen. abnorm. (Ger) 30053

prev. of cond. causing abnorm. (Ger) 19428

prev. of inf. mortal. (Dut) 15988

15993

prev. of stillbirth (Dut) 15991

psychol. & physiol. prep. 5400

ther. & prev. of emotional problems & anxieties 43708

**PREOPERATIVE CARE**

clin. exam. (Por) 47301

indic. in various types of surg. (Por) 8750

intense nutritional ther. 33017

preop. clin. exam., value (Por) 44435

psychol. prep. of patient for surg. by surgeon 20900

**PRESBYOPIA**

tests of reading & working distance of presbyopics 49983

**PRESCRIPTIONS**

consequences of imposing prescription charges within National Health Serv. in Gt. Brit. 41590

cost of oral iron prep. in Brit. family & hosp. pract. 6208

prescriptions written by 19th century physicians (Fr) 43063

scientific & economic aspects (Ger) 38884

***PRESENTATION, FETAL see*** LABOR, PRESENTATION

***PREVENTIVE MEDICINE see*** MEDICINE, PREVENTIVE

**PRIAPISM**

***case reports***

(Rus) 55166

(Ger) 51695

***etiology and pathogenesis***

leukemia, x-ray ther. (Ger) 32641

***therapy***

(Rus) 55167

***PRIMAQUINE see*** ANTIMALARIALS

**PRIMIDONE**

***effects***

on oxygen consumption of brain, kidney & liver tissue in vitro (It) 1884

on ventric. tachycardia after exper. myocardial infarct in dogs 40079

***injurious effects***

megaloblastic anemia during epilepsy ther. 35191

megaloblastic anemia, ther., vitamin B12, case report 32367

***metabolism***

enzymol., review 1288

***poisoning***

in adolescent epileptic girl (It) 7740

metab. transform. to phenobarbital as cause of primidone pois., exper. with rats & case reports on pois. 16661

***therapeutic use***

epilepsy (Sp) 8717

petit mal in child. 32363

***PRISCOLINE see*** SYMPATHOLYTICS

**PRISONERS**

***see also*** CRIMINALS

***see also*** PRISONERS OF WAR

after-care of homeless released prisoners in England 42181

detainment causing psychoses, expert testimony (Ger) 43111

fatal heat stroke in Sudan prisoners 28670

infect. hepatitis in inmates of penal institution 24906

**PRISONERS OF WAR**

Nazi war criminals of Spandau Prison, Berlin, Germany, physician attendance 18807

phys. & ment. changes after long period of dietary defic. & constraint (It) 19218

***diseases***

multiple neurol. disord. caused by vitamin B1 defic. in German prisoners of war in Egypt (Ger) 35599

nutritional dystrophy in recently returned German POW's (Ger) 29414

typhus in concentration camp inmates (It) 19219

typhus in German concentration camps (Pol) 32175

***psychology***

projective test responses after repatriation 31546

remote neuropsychiatric sympt. in Nazi concentration camps, deportees & prisoners of war (Rus) 34722

train. of honorable survival, psychiatric aspects 12591

**PRISONS**

problems in practice of prison med. 19279

Spandau Prison, Berlin, Germany, physician to Nazi war criminals 18807

**PROBENECID**

***therapeutic use***

acute & chronic gouty arthritis, with colchicine 16968

gout, eff. on urinary urate & uric acid levels (Fr) 9227

hypoparathyroidism, chronic 28524

**PROCAINE**

acid catalyzed hydrolysis, kinetic comparison with hydrolysis of ethyl aminobenzoate & procaine amide 50251

lidocaine as substitute for procaine in sensitive persons 36236

stability of procaine & benoxinate in aqueous solutions, kinetics (Ger) 30620

***administration***

cisternal inject., eff. in dogs (Ger) 2288

intravenous, indic. in surg. (Fr) 51440

procaine-vitamin B1 complex (Rus) 32556

***anesthesia and analgesia***

closed block of mediastinal sones, exper. study on cadavers (Rus) 18191

in labor, with atropine, nicotinic acid & phenobarbital (Ger) 29489

in operative dentistry, evaluation 52851

intravenous, in general anesth. (Sp) 43892

mechanism of local anesth. (Rus) 45661

prolongation of local anesth. by epinephrine, potentiation by amphetamine inhib. of amine oxidase (Rus) 7689

synergistic eff. of arterenol & serotonin (It) 39319

***effects***

bronchial inhalation on resp. musc. during asthma attacks, electromyography (Ger) 12195

inject. into sino-atrial node during surg. closure of auric. septal defects causing ECG changes (It) 29560

on aging, eutrophic & rejuvenating action (Fr) 9242

on bact., inhib. of growth of specific bact. (Sp) 43911

on blood circ., inject. into cerebral ventricles of dog following spinal anesthesia (Fr) 9014

on blood composition after single inject. in dogs & rabbits (Rus) 13648

on blood pressure & resp. after infusion into CSF, localization of point of attack in cats (Ger) 30510

on other drugs used for diag. & ther. purposes (Ger) 22955

on resp. & vasomotion after infusion into CSF in cats & dogs (Ger) 30509

on tolerance of rats to high altitude (Rus) 13857

procaine-vitamin B complex-vitamin C prep. on senescence (Ger) 3305

rejuvenating action & prev. of senescence, mechanism & relation to membrane-stabilizing properties, exper. study & review (It) 3889

***injurious effects***

allergic eczematous contact-type sensitivity, relation to urticarial anaphylactoid type 36236

convulsions, case report 51355

sensitivity determ. by skin tests in dent. patient 43366

***poisoning***

eff. of chlorpromazine in guinea pigs & rabbits (It) 11828

***preparation of***

epinephrine-procaine injectable solutions (It) 42583

***related compounds***

2-butoxyprocaine, pharmacol. & anesth. indic. 3935

N-butylprocaine in adhaegon vehicle in mucosal anesth. in urethral surg. (Ger) 29798

chloroprocaine anesth. in labor 19910

chloroprocaine, safety & nontox. in epidural anesth. 34969

2-diethylaminoethyl-p-aminosalicylate-PAS prep., anesth. properties (It) 44367

2-propoxyprocaine determ. in presence of procaine, spectrophotometry 4567

***therapeutic use***

adnexitis, with aminopyrine, sodium salicylate & nicotinic acid (Ger) 45973

anal fissures, procaine-alcohol block (Ger) 55707

angina pectoris, procaine infiltration of cervicodorsal sympath. ganglia (It) 3725

arthrosis of hip, admin., infiltration of obturator nerve, with hydrocortisone (It) 31764

asthma, with theophylline & posterior pituitary hormone (Ger) 29439

asthma, postther. hair growth in alopecia of 40 years duration (Ger) 51653

block in peripheral vasc. dis., statist. (Pol) 30851

CNS dis., with caffeine, cisternal admin. (Ger) 39964

depressive psychoses (Cz) 38352

dermatomyositis & scleroderma, intravenous inject. 32827

dyspnea, in congested heart failure, alone & with atropine (Rum) 43996

fibrositis (Fin) 49204

geriatric dis., funct. & biochem. changes (It) 3898

gyn. infect. with pelvic manifest., with antibiotic infiltration (Sp) 21765

hypertension, intra-arterial admin. (Bul) 45287

infiltration of pudendal & erector nerves in urol. disord. (It) 36780

lumbosacral radiculitis, epidural admin. (Rus) 46319

lumbosacral radiculitis, epidural admin. with penicillin & vitamin B1 (Rus) 46318

myotonia atrophica & congenita (Ger) 33852

neuritis, intraosseous admin. & local admin., with alcohol (Rus) 45690

prev. of postop. suppurations, with nitrofurazone (Rus) 18198

procaine-aminopyrine-sodium salicylate-nicotinic acid prep. in inflamm. & degen. arthritis (Ger) 11040

procaine-antipyrine-sodium sulfate ear drops in acute otitis media 35392

procaine - atropine - phenobarbital prep. in stomach dis., with climatother. (Ger) 51872

procaine-caffeine prep. in joint dis., with & without prednisolone trimethylacetate, local admin. (Ger) 43617

procaine-vitamin B complex- vitamin C prep. in presbycusis (Ger) 18920

pruritus, with ascorbic acid 6527

severe trauma, intravenous admin. in glucose solution (Rus) 45868

skin dis., intravenous admin. (Rus) 45870

skin dis., with vitamin B1, intravenous admin. (Rus) 10895

strio-pallidal synd., weakness, obliterating arteritis & parkinsonism, in aged, admin., intramusc. (It) 42576

toxemias of 2nd half of pregn., intra-arterial admin. (Rus) 33187

ulcers of hand caused by x-rays, local inject. (Ger) 55706

**PROCAINE AMIDE**

acid catalyzed hydrolysis, kinetic comparison with hydrolysis of ethyl aminobenzoate & procaine 50251

***effects***

masking of Wolff-Parkinson-White synd. for diag. of concomitant left bundle branch block (Sp) 44497

***poisoning***

ther., sodium lactate, case reports 19861

*related compounds*

o-chloroprocaine amide, anti-emetic properties (Fr) 41333

*therapeutic use*

arrythmia (Sp) 15475

choreo-athetoid movements in ment. defic. 24461

extrasystole, with Crataegus extract, phenobarbital & quinidine (Ger) 6706

Huntington's chorea 15840

tachycardia, paroxysmal ventric., after myocardial infarct (It) 9291

tachycardia, ventric., case requiring massive amounts 47530

*PROCAINESTERASE see* ESTERASES

PROCTOLOGY

in France (Fr) 30970

PROCTOSCOPY

as aid in selection of type of colonic & rectal surg. (Sw) 54826

technic 8124

*apparatus and instruments*

table (Sw) 10164

PROGERIA

*case reports*

7678

Werner's synd. (Pol) 31505

Werner's synd., atypical & abortive forms (Pol) 53137

PROGESTERONE

*see also* PREGNANDIOL

*effects*

histamine-estrogen-progesterone complex on decidual cell reaction & ovum implantation 17343

inhib. of sodium-retaining eff. of aldosterone 17041

on blood phosphatases, with estradiol benzoate (Ger) 25210

on blood phosphate, with estradiol (Ger) 25211

on cadaverinolytic activity in vitro of blood of pregn. women (It) 29639

on continuous growth & calcification of rat incisors (It) 37149

on creatine metab. in normal & vitamin-deficient rats (It) 25646

on desoxycorticosterone action on urinary electrolytes 44124

on endometrium, comparison of intravenous & intrauterine admin. in rabbits 44142

on estrogen metab., in men & in women after menopause or hysterectomy (Fr) 15094

on exper. arrhythmias & on pressure & heart rate 5744

on form. of deciducomata by unfertilized ova in rats (Fr) 44625

on incidence of congen. abnorm. caused by maternal vitamin E defic. in rats 49267

on liver glycogen phosphorolysis in rats (Fr) 28883

on mammary gland of male mouse 50516

on sidation in rats (Ger) 49339

on ovarian morphol. & on embryonal mortal. in pregn. rats, pigs & sheep 13199

on preovulatory endometrium in normal women & in women with secondary amenorrhea 13203

on teratogenic eff. of trypan blue in pregnant rat (Fr) 38077

on thyroid uptake & renal clearance of radioiodine & thyroxin synthesis in normal & adrenalectomized rats (It) 3882

on uropepsin elimination in normal subjects (It) 1507

on uterine morphol. & phosphatase levels in castrated rabbits 35116

on vitamin A defic. in rats (Fr) 48910

progesterone & ethisterone, on vaginal cytol. & endometrial biopsy of ovariectomized women (Fr) 26214

*in blood*

determ. by means of reaction with sulfuric acid-ethanol 50430

determ. of progesterone & related cpds., review (It) 8459

in laying hens 52305

maternal & fetal levels at birth 29002

progesterone-pregnandiol combined determ., chem. method 17040

*in urine*

in pregn. & puerperium (Ger) 22761

*injurious effects*

maternal progesterone ther. causing masculinization of female inf. 48505

*metabolism*

conversion to 17α-hydroxyprogesterone & Δ4-androstene-3, 17-dione in surviving human fetal adrenal glands 28244

fungus Syncephalastrum species, 7α, 15β-dihydroxylation 14912

in bile & urine in postmenopausal woman with biliary fistula 4845

in essential hirsutism in women (It) 39353

in pregn. 12412

*preparation of*

aqueous solutions for inject. with tween substances (Ger) 47683

*related compounds*

comparative eff. on endometrium & vaginal epithelium of ovariectomized women 13201

comparative potency in different biol. tests 13193

ethisterone ther. in habitual abortion due to progesterone defic. 29312

29313

29314

17α-ethyl-4(5)-estren-17β-ol-3-one, anabolic eff. in elderly underweight males 26145

17α-ethyl-4(5)-estren-17β-ol-3-one causing cholestasis 46954

17α-ethyl-4(5)-estren-17β-ol-3-one, comparison of eff. of testosterone propionate in adult & immature rats (Fr) 35139

17α-ethyl-4(5)-estren-17β-ol-3-one, eff. on blood enzyme levels 17048

17α-ethyl-4(5)-estren-17β-ol-3-one, eff. on estrus cycle in rats (Ger) 54543

17α-ethyl-4(5)-estren-17β-ol-3-one, eff. on 17-ketosteroid excretion in prostate cancer 50427

17α-ethyl-4(5)-estren-17β-ol-3-one, eff. on post-gastrectomy nitrogen metab. (Dan) 45503

17α-ethyl-4(5)-estren-17β-ol-3-one ther. of acute renal failure by suppressing protein catabolism 18444

17α-ethyl-4(5)-estren-17β-ol-3-one ther. of chronic underweight 46952

17α-ethyl-4(5)-estren-17β-ol-3-one ther. of chronic underweight, eff. on liver funct. 46953

17α-ethyl-4(5)-estren-17β-ol-3-one, ther. of rheum. arthritis, with prednisone (Dan) 45504

17α-ethyl-4(5)-estrene-17β-ol-3-one, ther. use (Sp) 27232

17α-ethyl-4(5)-estren-17β-ol-3-one, use in postop. period for its anabolic eff. 17484

9- & 12 halo-11-oxygenated progesterone deriv., biol. activities 13190

hydroxyprogesterone acetate, AMA council report 4467

17α-hydroxyprogesterone acetate & 6α-hydroxyprogesterone acetate, comparison of biol. activity in rats (It) 48119

17α-hydroxyprogesterone acetate & 6α-methyl-17α-hydroxyprogesterone acetate, comparative eff. on uterine motility in rats (It) 48120

17-α-hydroxyprogesterone acetate, eff. on urinary gonadotropins in females after climacteric & ovariectomy (It) 53686

17α-hydroxyprogesterone & 17-acetoxyprogesterone, eff. on endometrium in women with anovulatory failure, comparison 13212

17α-hydroxyprogesterone caproate, biol. activity 13189

hydroxyprogesterone caproate, distribution & excretion after inject. into female rats (Ger) 202

17α-hydroxyprogesterone caproate, eff. on adrenal steroid excretion in women with various endocrine dis. 13210

17α-hydroxyprogesterone caproate, eff. on endometrium in normal women & in women with secondary amenorrhea 13203

17α-hydroxyprogesterone caproate, eff. on growth & fattening of cattle 13197

17α-hydroxyprogesterone caproate, eff. on implantation in mated pre-puberal mice 13195

17α-hydroxyprogesterone caproate, eff. on reprod. in female rats 13194

17α-hydroxyprogesterone caproate, eff. on reproductive efficiency in cows 13198

hydroxyprogesterone caproate in ther. of funct. menstruation disord. (Ger) 3735

17α-hydroxyprogesterone-17-caproate induction of molt in birds 15591

17α-hydroxyprogesterone caproate, prev. of premature labor & eff. on fetal salvage 13217

hydroxyprogesterone caproate, radiocarbon labeling in 14 position (Ger) 11281

17α-hydroxyprogesterone caproate, ther. of acne in women 28438

17α-hydroxyprogesterone caproate, ther. of gyn. disord. 13209

17α-hydroxyprogesterone caproate, ther. of habitual abortion 13216

hydroxyprogesterone caproate ther. of menorrhagia & metrorrhagia with estradiol-17β n-valerate 3980

hydroxyprogesterone caproate ther. of metrorrhagia, alone & combined with estradiol-17β-n-valerate 21870

17α-hydroxyprogesterone caproate, ther. use in pregn. with diabetes mellitus 13218

17-hydroxyprogesterone deriv., comparison of activity with 19-nor-testosterone deriv. in man 13196

maintenance of pregn. in rats after ovariectomy 31449

metab. eff. in man 13200

method for testing efficacy of progestational cpds. in women 13211

6α-methyl-17α-hydroxyprogesterone acetate, progestational activity 35117

new cpds. with progestational activity 13188

13219

norethisterone acetate, clin. testing of gestagenic eff. of oral admin. (Ger) 18324

norethisterone & ethisterone, clin. test for efficacy 647

norethisterone & 17α-ethyl-4(5)-estren-17β-ol-3-one, eff. on reproductive processes in women 13207

norethisterone & 17α-ethyl-4(5)-estren-17β-ol-3-one, eff. on reproductive system in human males 13205

norethisterone & 17α-hydroxyprogesterone caproate, ther. of infertility in women 13209

norethisterone & 17α-hydroxyprogesterone caproate, ther. of menstruation disord., comparison 13206

norethisterone & 17α-hydroxyprogesterone caproate, ther. of pregn. hemorrh. & threatened abortion 13214

norethisterone & 19-nor-progesterone inactivation in liver of guinea pig 29872

norethisterone, chem. & biol. properties 13191

norethisterone, eff. on blood pressure, in women of various ages (It) 21483

norethisterone, eff. on ovulation in hens (It) 48121

norethisterone-ethinyl estradiol prep. in ther. of menstruation disord. (Ger) 54342

norethisterone, 17α-ethyl-4(5)-estren-17β-ol-3-one & 17α-hydroxyprogesterone caproate, role in gyn. disord. & pregn. compl. 13213

norethisterone - norethisterone enanthate - estradiol prep. in ther. of menorrhagia & metrorrhagia (Ger) 23228

norethisterone, pharmacol. & clin. use (Ger) 11430

norethisterone, ther. of habitual abortion & prev. of threatened abortion 13215

norethisterone ther. of menorrhagia & metrorrhagia (Ger) 39067

norethisterone ther. of uterine hemorrh. in uterine hyperplasia, oral admin. (Sp) 2956

4-pregnene-3, 6, 20-trione, biol. properties 15578

progestational activity 39303

progestational activity of Δ4-androstene-17β-ol-3-one-17α (3-propionic acid δ'-lactone) & its 19-nor analogue in rabbits 31432

17α-vinyl-5(10)-estren-17β-ol-3-one, synthesis & biol. activity in rabbits & rats (It) 48122

*therapeutic use*

amenorrhea, secondary, with estradiol benzoate, oral admin. 27994

estrogen & progesterone in crystal form in amenorrhea & hypomenorrhea, eff. of crystal size on estrin withdrawal hemorrh. (Ger) 27699

gyn. disord. 27709

menorrhagia & metrorrhagia, with estrogens, depot prep. (Ger) 18993

norethisterone ther. of gyn. dis. (Ger) 13084

prep. containing testosterone propionate & progesterone in propylene glycol, in stress incontinence in women, admin., vesical instillation (It) 21497

*PROGRESSIVE LENTICULAR DEGENERATION see* HEPATOLENTICULAR DEGENERATION

PROGRESSIVE MUSCULAR ATROPHY

Charcot-Marie-tooth dis., case report & review (Fr) 5127

Charcot-Marie-tooth dis. with external ophthalmoplegia & hered. spinal sclerosis, familial cases 48136

in female climacteric (It) 1513

*case reports*

Charcot-Marie dis. with Friedreich's dis. (It) 54273

primary familial (Fr) 31967

spinal 41301

*complications*

Cushing synd. & metabolic craniopathy (Ger) 33843

ment. disord. (It) 8631

*differential diagnosis*

interstitial hypertrophic neuritis (Fr) 9159

myelopathic, from chronic anterior polio. with subacute clin. course (It) 32144

*etiology and pathogenesis*

congen. syphilis (It) 32137

Werdnig-Hoffmann atrophy, course (Ger) 34112

*experimental*

coenzyme A content of liver & musc. in affected rabbits (It) 37388

*in infant and child*

in siblings 40930

relation to amyotonia congenita & case report (Fr) 44741

Werdnig-Hoffmann atrophy, clin. aspects & case reports (Ger) 34090

***pathology***

(Ger) 25368

***physiology***

neurogenic, funct. organiz. of musc. motor units, electromyography (Ger) 49118

scapulo-peroneal amyotrophy, electromyography (Rus) 46324

**PROGRESSIVE MUSCULAR DYSTROPHY**

***blood in***

glucose, lactic acid, oxygen & symohexase comparative arterial & venous levels (Fr) 38520

lactic dehydrogenase & symohexase in child. with Duchenne type & their immediate relatives 41260

***case reports***

exclusive involvement of quadriceps musc., electromyography (Ger) 27034

in sarcoidosis, pathol. 55

with myocardial ischemia 17444

***complications***

fatal inanition caused by gastrointestinal motility disord., case report 49724

post-traum. progressive dystrophic external ophthalmoplegia 89

***differential diagnosis***

sarcoidosis of skeletal musc. (Ger) 19764

***experimental***

contractility & other properties of musc. from mice with musc. dystrophy 750

prolongation of survival in dystrophic mice by parabiosis 47118

***heredity***

genetic factors (Ger) 19437

***manifestations***

ECG manifest., case reports 17445

***metabolism***

creatine & creatinine levels in tissues & urine of mice with hered. musc. dystrophy 749

creatine metab. in dystrophic mice 29532

**PROJECTIVE TECHNIQUES**

***see also*** **PSYCHOLOGICAL TESTS**

***see also*** **RORSCHACH TEST**

***see also*** **THEMATIC APPERCEPTION TEST**

art ther. in schizophrenia & other ment. disord. 8380

Bender-Gestalt protocols, comparison of objective scoring & clin. evaluation 40707

Bender-Gestalt, relation to Wechsler Intelligence Test for Child. 4917

Bender-Gestalt test, causes of prod. of rotations 17196

Bender-Gestalt test, typical manner of approach, comparison of schizophrenic & normal subjects 2579

Blacky pictures test, reliability 17124

Blacky test, psychoanalytical validity 41358

Child. Apperception Test, responses of kindergarten child. 40715

color pyramid test in school child., review (It) 32141

develop. of a fantasy of illness during house-building play in an emuretic child (Sp) 31235

drawing tests & body constitution types (Ger) 34204

drawings by neurotic child. 54879

drawings, relation of clin. psychologists' level of train. to accuracy of diag. 41356

factor analysis of indices from projective technics assoc. with different types of phys. pathol. 40745

figure drawing among incarcerated alcoholics, order of figure 40717

for evaluation of tranquilizing drugs 14355

Four Picture Test, youth score (Dut) 52545

H-T-P intelligence quotient scores, eff. of formal art train. on quantitative scores 40714

human figure drawings, eff. of national handwriting practices 17166

human figure drawings in diag. of homosexuality 17194

human figure drawings in diag. of paranoia 17195

human figure drawings, relation of difficulty of drawing to adjustment rating 17147

human figures drawings in psychopharmacol. test of body image hypothesis using lysergic acid diethylamide 28546

in ment. defic., diag. value 601

Koch's draw-a-tree test in tic in child. (It) 27674

Lüscher's color test, error in evaluation by J. de Zeeuw (Dut) 29981

Lüscher color test in Persians & Europeans, comparison (Ger) 24117

Luescher color test patterns of child. (It) 8629

Moreno's psychodrama technic & sociometric tests in ment. disord. (It) 33476

nondirective play ther., contribution of psychoanalysis & learning theory 17160

play ther. of schizophrenia 12430

play ther., status in child. clinics in U. S. 40727

play ther. with institutionalized educable ment. retarded boys 46986

psychodrama & sociometry in clin. psychother. (Ger) 23084

psychodrama in ther. of psychoses (Fr) 15660

Rosenzweig picture-frustration test in child., evaluation (Dut) 29982

sceno-test in investigation of psychol. state of young thieves (Ger) 34128

self-scored projective measure of achievement & affiliation motivation 17135

sense of humor tests & tests of comic sense of psychotics & neurotics (Fr) 995

social class as a factor in responses to projective tests 41359

sociometry & psychodrama in group psychother. (Ger) 23085

stereotyped associations to schematic faces 5125

test responses of prisoners of war after repatriation 31546

test results of a case of folie à deux in 50-year old psychotic twin brothers 17114

tree-drawing test for lysergic acid diethylamide-induced changes in schizophrenics (It) 27654

tree-drawing test in determ. of sexual maturation in puberty (Ger) 34217

tree-drawing test of psychotic child. & adolescents, IQ correlates (It) 27655

visual-motor Gestalt technic in group testing of psychiatric attendants 3196

Wartegg drawing test in schizophrenia & chronic delirium (Fr) 41930

Wartegg drawing test, problems (Dut) 29985

word sequence test (Fr) 1806

***PROLACTIN*** ***see*** **PITUITARY GLAND, ANTERIOR,** ***hormones***

**PROLINE**

***metabolism***

conversion to hydroxyproline in synthesis of collagen in guinea pigs bearing carrageenan granuloma, eff. of vitamin C 40551

eff. of ketoproline on free proline & hydroxyproline levels in chick embryos & eff. of increasing ketoproline concentrations on hydroxyproline metab. by Achromobacter 44974

incorporation into casein in mammary gland of goat, proline source 13718

incorporation of proline & hydroxyproline in protein in plants, relation to cell growth & morphogenesis 19541

microorganisms of bovine rumen in vitro 25407

***related compounds***

hydroxyproline content of human & rat livers, determ. in measurement of collagen content 51288

hydroxyproline content of liver & other parenchymatous organs, eff. of somatotropin & cortisone acetate in rats (It) 47821

hydroxyproline, enzymic conversion to γ -hydroxyglutamic semialdehyde 13829

hydroxyproline in urine in Marfan's synd., increased excretion 28969

hydroxyproline incorporation into tissue proteins by chick embryo 40545

hydroxyproline, quantitative determ. by rapid paper chromatographic technic 42967

**PROMETHAZINE**

***determination***

separation of promazine from promethazine-promazine mixtures, colorimetry 51086

***effects***

as preanesth. medication & on resp., alone & with meperidine & secobarbital 21858

induction of temporary hypotonia of stomach & duodenum during x-ray (Por) 18831

on healing of homogenous skin grafts in rat (Pol) 7771

***poisoning***

atypical sympt., case report (Hun) 7721

***therapeutic use***

adjuvant in anesth. in labor & surg. 40273

burns, severe 23689

cutaneous larva migrans 40831

eclampsia, with chlorpromazine 50981

in 1st stage of labor, with meperidine, parenteral admin. 24718

in labor, clin. evaluation 43307

in labor, statist. analysis of results 26423

in labor, statist. evaluation 40258

menstruation disord. in obese subjects (Ger) 6726

oxyuriasis, single-dose method, case report 9796

secretory otitis media & hay fever 23456

**PROPAGANDA**

physician's role in defense against Soviet propaganda 52136

**PROPANE**

***related compounds***

epichlorhydrin vapor tox. in rabbits & rats 48199

***PROPANEDIOL*** ***see*** **GLYCOLS**

***PROPANOL*** ***see*** **ALCOHOL, PROPYL**

***PROPANTHELINE*** ***see*** **METHANTHELINE,** ***related compounds***

**PROPERDIN**

(Ger) 51683

alternative mechanism for explanation of action of properdin system 5013

11944

differential eff. of hog gastric mucin on properdin & host resist. to bact. infect. 40450

eff. of Echinacea purpurea extracts on titer in rabbits (Ger) 13183

eff. of inulin on blood properdin level & resist. to exper. E. coli infect. in mice (It) 13930

eff. of single & repeated hemorrh. in dog (Rus) 44014

eff. of stimulation of nonspecific immun. in mice by inject. with bact. lipopolysaccharides 4155

eff. of x-irradiation in rat (Fr) 26859

immunochem. of properidin-complement system (Ger) 8089

in natural resist. to infect. (Fr) 49645

in natural resist. to infect., review (It) 3879

in phenomena of aspecific immunol. defense (It) 24949

mechanisms of dissociation & inactivation (Ger) 27846

nature & interaction of properdin system 11942

properdin system 41826

properdin system, mechanism in bactericidal action of blood (Ger) 52256

properties & funct., review (Fr) 47999

protective role in radiation inj., review (Rus) 22615

review 30433

review (Cz) 2751

review (Fr) 9160

review (Ger) 37233

review (It) 36769

***deficiency***

in nocturnal paroxysmal hemoglobinuria with negative Ham presumptive test, case report 13875

***determination***

assay by measurement of bacteriophage neutralization (It) 37301

E. coli phage neutralization technic 21667

in amniotic fluid (It) 24957

isolation from bovine serum by cold ethanol fractionation 31363

***effects***

failure to protect total body irradiated mice & rats 44145

inactivation of T2r+ phage in human serum in vitro, interference by endotoxic polysaccharides 37587

possible role in transplantable Gardner lymphosarcoma 6C3HED 703

properdin system on first & second set homografts in rabbits 10115

***in various diseases***

(Fr) 11943

ankylosing spondylitis & rheum. arthritis, relation to T2R & phage neutralization (Fr) 47393

in rats bearing human transplantable carcinoma 26471

rheum. arthritis 23943

typhoid fever (Sp) 1818

**PROPIONATES**

m-acylated 3-aminopropionalides & their hydrogenation products, prep. & properties (Ger) 13644

correlation with bactericidal eff. of blood on gram-negative bact. (It) 44826

enzymatic mechanisms of propionic acid oxidation in animal tissues 46373

***effects***

bisquaternary ammonio deriv. of ethyl propionate, pharmacol. 47742

**PROPIONIBACTERIUM**

***culture***

growth stimulating eff. of autoclaved glucose media & relation to carbon dioxide requirement of propionibacteria 28213



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

*metabolism*

biotin, specificity in Propionibacterium pentosaceum 13398

glucose fermentation by Propionibacterium freudenreichii, eff. of casein hydrolysates & amino acids 28214

lactic & pyruvic acid fermentation, eff. on carbon balance (Rus) 19101

vitamin B12 in Propionibacterium shermanii, eff. of sulfathiazole (Pol) 23588

**PROPIOPHENONES**

*see also* **HYDROXYPROPIOPHENONE**

analgesic piperidinopropiophenone deriv., pharmacol. 309

2-(2-dimethylaminoethoxy) chalcone & other chalcone deriv., pharmacol. 4559

*effects*

amphenone on gastric secretion in rats 12522

2-methyl-1, 2-bis(3-pyridyl)-1-propanone inhib. of adrenal cortex funct., clin. trials 48332

polyphloretin phosphate on capillary permeability 23996

2', 4, 4'-trimethoxychalcone choleretic action in dogs (Fr) 32950

*preparation of*

synthesis of α-bromo-β-methoxypropiophenone & α-bromo-β-methoxy-p-nitropropiophenone as intermediates for prep. of chloramphenicol 21725

*therapeutic use*

amphenone B in feminizing adrenal cortex cancer in 58-year old man (R) 49592

amphenone in cancer of adrenal cortex, eff. on 17-ketosteroid prod. 4842

β-chloro-α-dichloroacetamido-p-chloropropiophenone in intestinal amebiasis 16309

4, 2', 4'-trimethoxychalcone, choleretic action (Fr) 15967

4, 2', 4'-trimethoxychalcone in biliary dis. (Fr) 430

4, 2', 4'-trimethoxychalone in liver dis., ther. mechanism as choleretic (Fr) 54907

*toxicity*

2, 4, 4'-trimethoxychalcone tox. exper. studies (Fr) 32949

*PROPYL ALCOHOL see* **ALCOHOL, PROPYL**

*PROPYLENE GLYCOL see* **GLYCOLS**

*PROPYLIODONE see* **CONTRAST MEDIA**

*PROPYLTHIOURACIL see* **THIOURACIL**

**PROSTATE**

*calculi*

prostatolithectomy with concomitant nephrectomy, case report (Sp) 9733

*cysts*

müllerian duct remnant causing pyuria 5922

pathogen. & surg. (Nor) 45431

*diseases*

causing urinary obstruct., classif. 47579

diag., phantom rectum as teaching aid 50211

endocrine aspects (Ger) 41719

malacoplakia of bladder, bladder neck & prostate 38008

renal funct. tests in (Ger) 54326

Trichomonas vaginalis infect. (Ger) 48332

urination disord. in 11872

*effect of drugs on*

testosterone, local admin., on prostate weight & histol. in rat 15588

*embryology*

in ram 50300

*metabolism*

citric acid & Krebs' cycle acids 33123

diethylstilbestrol diphosphate concentration, eff. of amount of estrogen recoverable from tissue extracts 55031

nucleic acid composition & enzymatic capacity in rat, eff. of castration & androgen replacement 3412

*neoplasms*

androgen metab., eff. of orchiectomy, ACTH & estrogen on urinary excretion 55030

blood mucoproteins in 5921

circulating fibrinolysin determ. 37993

classif., new system 11807

cytodiag., technics 13306

diag. & ther. 18348

diag. & ther. (Ger) 26166

diag., hormone ther. & surg. 37661

diag. of carcinoma, transrectal biopsy 37663

diag., smear cytol. method 37664

differ. diag. from rheum. cond. (Ser) 18518

differ. diag. from ulcerogenic adenocarcinoma of islands of Langerhans 43701

differentiation from prostate hypertrophy by vasoseminal vesiculography 35439

early diag. 28461

eff. of cortisone & hydrocortisone on 17-ketosteroid excretion 48552

eff. of methacholine stimulation on blood acid phosphatase in human patients 14748

endocrine ther. as palliation (Ger) 30273

factors influencing survival after ther. 25991

fibrosarcoma in child, case report (Cz) 9443

hormone dependency of cancer studied by cell-culture technic 37671

hormone ther. & surg., review 54768

hypophysectomy 37643

in diabetes mellitus, surg. (Ger) 2283

inoperable, management 3776

17-ketosteroid excretion, eff. of 17α-ethyl-4(5)-estren-17β-ol-3-one 50427

latent carcinoma in Finns 23980

latent carcinoma, review (Ger) 27503

leiomyosarcoma with vesical metastasis, case report (Hun) 18603

metab., citric acid & Krebs' cycle acids 33123

metastasis to pelvic lymph nodes 33093

metastatic carcinoma, causing osteosclerosis, case report (Sp) 31804

nuclear sex chromatin differentiation in benign & malignant tumors 33104

pathogen. & surg. (Ger) 3290

radiother., technic & indic. (Por) 8745

sarcoma in 9 year old (Ger) 51199

sarcoma, primary, case report & review (R) 24932

semiol., clin. aspects & ther. (It) 3731

surg. & postop. follow-up (Ger) 46017

surg., methods, results & postop. care 37666

surg., progr. from new data on prostate anat. & physiol. (Ger) 45576

ther. (Ger) 55604

ther., castration & diethylstilbestrol, survival statist. 11078

ther., chlorotrianisene & diethylstilbestrol diphosphate, adrenalectomy & pituitary irradiation 37665

ther., destruction of hypophysis with colloidal chromic radiophosphate 5526

ther., estrogen implantation followed by aplastic anemia in aged (Fr) 9176

ther. evaluation by urinary steroid excretion 14756

ther., hormone ther., adrenalectomy & prostatectomy, remote results, comparison 37662

ther., hormones & castration 7495

ther., 17α-methyl-5(10)-estrene-17β-ol-3-one (Dut) 29979

ther., radiogold in inoperable cases, technic & statist. 33100

ther., radiogold, new method for handling 5920

ther., radioyttrium implant in pituitary gland, pernasal transsphenoidal approach 30928

ther., tris(1-aziridinyl)-phosphine sulfide in advanced cancer 33109

triple primary bronchial, biliary & prostatic tumors (Ger) 24230

*pathology*

thanatol. by fluorescence microscopy (It) 42708

*physiology*

eff. of prostatic massage on blood acid phosphatase levels 44887

prostaglandin form. in vitro 7130

*radiography*

normal radiography & tomography in diag. of neoplasms & dis. (Fr) 17988

*surgery see* **PROSTATECOMY**

**PROSTATE HYPERTROPHY**

hormone dependency & growth of cells in prostate tissue cultures, comparison with prostatic cancer 37671

spermiogenesis, determ. of status (Ger) 11335

*complications*

cancer, incidence 24110

*differential diagnosis*

cancer of prostate, vasoseminal vesiculography 35439

*metabolism*

citric acid & Krebs' cycle acids 33123

proteins, microelectrophoresis (Fr) 35535

*pathology*

cell nucleus of prostate adenoma (It) 6815

giant hypertrophy, postmortem findings 5452

prostatic extract (Hun) 18605

*physiology*

anterior pituitary cytofunct., eff. of prostatectomy & stilbene ther. (It) 25715

*therapy*

diethylstilbesterol-testosterone propionate prep. 33108

kutapressin in acute benign hypertrophy 14067

review (Ger) 29417

**PROSTATECTOMY**

adenomectomy, technics (Rus) 10719

combined catheter for suprapubic prostatectomy 5939

hemorrh. control 7996

Hrystschak-Harris method (Ger) 38426

in perineal position & adaptability of standard operating table 18150

in prostate hypertrophy of aged 50611

indic. 53512

indic. (Por) 17514

indic. & technics (Fr) 6382

Millin technic (Ger) 23202

modified Millin method (It) 25599

modified one-stage Freyer technic (Fr) 9100

new coccygeal or posterior-perineal approach (Fr) 33440

pararectal (It) 29742

progn., eff. of anesth. technic & other factors 41809

radical perineal prostatectomy for early cancer, follow-up 50209

retropubic, modified Millin technic (Ger) 11334

retropubic technic 45925

retropubic variant with L-shaped cervicocapsular incision (R) 7733

simultaneously with perineoabdom. resection in cancer of rectum in prev. of postop. urinary retention 10118

single-stage suprapubic, technic 17673

suprapubic, Hrystschak method (Sp) 8200

technic (Por) 13610

technic & results (Fr) 42062

technic in bladder neck obstruct. 14174

technics, evaluation 52688

total prostatectomy with preliminary ligation of vasc. pedicles, value in prev. of operative dissemination of cancer cells 55026

total prostatovesiculectomy by combined perineal & retropubic routes (Ger) 46764

transurethral under controlled hypotension (It) 51975

transvesical, new method of closure of vesical gap (It) 20404

under controlled hypotension (Cz) 9450

with artif. hibernation (Cz) 9457

*anesthesia and analgesia*

epidural technic, statist. 12860

pregnane-21-ol-3, 20-dione succinate (Fr) 41467

technic (Rus) 45601

*apparatus and instruments*

new traction catheter for postop. hemostasis 18157

*complications*

bladder neck fibrosis, management with panendoscope 33079

postop. bladder sphincter incontinence, ther., diphenhydramine & neostigmine, case report 42151

postop. urinary incontinence, prev. & management with urethral reconstruction, technic (Sp) 1799

*statistics*

follow-up of radical perineal prostatectomy for early cancer 33101

in cancer of prostate 33102

retropubic, clin. review 5834

**PROSTATITIS**

41482

chronic, non-specific (Ger) 6052

vesiculoprostatitis, chronic, new concepts of nature, etiol. & pathogen. 16581

*complications*

relation to pathogen. of spermatocele & seminal vesicle cysts (Ger) 49841

*diagnosis*

chronic prostatitis 40254

**PROSTHESIS**

*see also* **ARTIFICIAL LIMB**

*see also* **DENTAL PROSTHESIS**

bibliog. of foreign substance implants in reconstructive surg. 10499

new material for extraoral prosth. 17221

prosthetist & orthotist, duties, train. & certification 52803

*PROSTIGMINE see* **NEOSTIGMINE**

**PROSTITUTION**

control of syphilis among prostitutes in Japan by antibiotic admin. 28392


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

in France, health regulations (Fr) 8369

syphilis incidence among prostitutes (Fr) 2383

venereal dis. in prostitutes & promiscuous women in Taiwan 26393

**PROTAMINES**

interaction with blood proteins in vitro (Fr) 39252

nucleoprotamines as carriers of hered. traits (Ger) 39791

*effects*

anti-inflamm. action, study in exper. granuloma pouch in rats (It) 13951

inactivation of E. coli phages T1 & T5, kinetics (Ger) 25324

inhib. of thromboplastin generation 17604

on bactericidal activity of rabbit serum against Bacillus subtilis 17404

on blood cells in rabbits (Fr) 21297

on blood esterase levels before & after heparin admin. (Ca) 21557

on blood protein picture after admin. to rabbits, electrophoresis (It) 1486

on incomplete blood group antibodies (Ger) 23008

protamine sulfate & fractional products on blood cholesterol & lipids levels (Fr) 9209

protamine sulfate on blood lipids, mechanism (Ca) 26555

salmine anti-inflamm. eff. on skin inflamm. caused by diphtheria toxin in guinea pigs (It) 37305

salmine, inhib. of develop. of Lipschutz ascites tumors (It) 36708

salmine on action of diphtheria toxin in guinea pigs (It) 13953

salmine sulfate on ECG in rabbits (It) 1528

*metabolism*

crystalline lens, protein-protamine complexes in relation to electrostatic & enzymatic actions in aging of lens 47070

*preparation of*

fractionation by paper chromatography (Ger) 49915

*therapeutic use*

protamine sulfate in menorrhagia & metrorrhagia (Ger) 12994

**PROTEASES**

*see also* CHYMOTRYPSINS

*see also* FIBRINOLYSIN

*see also* PEPSINS

*see also* STREPTODORNASE AND STREPTOKINASE

*see also* THROMBIN

*see also* TRYPSIN

625

activation in exper. inflamm. in guinea pigs (Ger) 29922

aminopeptidase activity in human cancer cells 52452

aminopeptidases from citrus fruits, isolation & properties 1383

carboxypeptidase, C-terminal amino acid analysis (Ger) 49933

cathepsin activity in regenerating tails of Xenopus larvae, influence of various morphostatic inhibitors (Ger) 27836

catheptic activity in Xenopus laevis embryos, regional differences 4967

collagenase from Clostridium histolyticum, specificity 1707

collagenases inhib. by human gingival microflora in vitro 16872

dipeptidases in embryos of frogs & toads, eff. of x-irradiation (It) 1523

elastase content of pancreas, eff. of admin. of glucagon & elastase & feeding of atherogenic diet in chickens (It) 48126

ficin, properties 19443

gastric proteolytic enzyme form. & elimination in fetus & newborn inf. (Ger) 34133

in Clostridium oedematiens, in toxin prod. (Rus) 1731

in Endamoeba histolytica, demonstration by photographic gel film 47612

in Penicillium chrysogenum (Rus) 36355

inhib. factor in serum against proteolytic activity in anaphylactic shock 35332

insulinase in liver, role in hypoglycemic action of carbutamide (Rus) 37177

leucine aminopeptidase activities in blood & urine in cancer & other dis. 7414

leucine aminopeptidase activity in mast cells, histochem. determ. 52374

leucinaminopeptidase & peptidases in cattle lens (Ger) 23622

mechanism of corneal destruction by Pseudomonas proteases in rabbits 24567

new protease from Proteus vulgaris, isolation & properties 13795

papain action on casein, egg white & meat extracts, comparison with trypsin proteolysis 3442

papain activity, eff. of concentration of heavy metal salts 49298

papain-catalyzed synthesis of acyllysine anilides, kinetics 25417

papain, eff. of heat on enzymic property 27369

papain, esterase activities of commercial prep. (Ger) 49900

papain, fractionation, crystallization & x-ray diffraction pattern of commercial prep. 3443

papain, nature of its active site & its mechanism of action 40497

pectic enzymes, absence in pathogenic strain of Fusarium oxysporum 19621

proteolytic activity of various pharmaceutical enzyme prep. (Ger) 30615

relation of metal-peptide complexes to proteolytic activity 1663

renin, biochem. & pharmacol., review (Ger) 6080

renin content of kidneys in renal hypertension in intact & adrenalectomised rats given desoxycorticosterone 35789

renin, synthesis of its tetradecapeptide substrate 4997

rennin proteolysis of casein (Fr) 38670

review 1265

salivary protease activity in caries-susceptible rats, influence of diet 41234

salivary protease activity in strains of caries-susceptible & caries-resist. rats, comparison 17319

synthesis & release by Streptomyces griseus cultures (Rus) 19118

*antagonists*

antiproteolytic activity of antacids in histamine-stimulated rabbits 40380

anti-proteolytic eff. of human & animal sera against Aspergillus flavus protease (Fr) 37833

renin localisation in hog & rabbit kidneys 23969

streptoc. anti-proteinase in blood in rheum. fever & streptoc. infect. 28429

*determination*

bact. gelatinases, detection by gelatin-agar plate methods 40455

gastricsin isolation from gastric juice by chromatography 1709

papain, technics (Fr) 38605

renin content of normal & partially corticectomised rabbit kidneys, Ring perfusion method 23957

renin in kidneys, value of rapid method for separating glomeruli from rabbit kidney 19654

spectrophotometrically detectable interactions with blood proteins 35436

*effects*

cathepsin on exper. fatty liver in rats 3469

collagenase disintegration of organic matrix of normal dentin, chem. modification to collagenase-resist. forms. 40765

collagenase on normal & carious dentin 40764

degradation of serum albumin, ultracentrifugation of products degraded by proteases from rabbit spleen extracts (Fr) 26330

elastase on arterial wall lesions in exper. atheromatous degen. in chickens (It) 48127

elastase on blood cholesterol levels in chickens, admin. alone & with glucagon (It) 48123

elastase on ether-soluble fats in liver of chickens (It) 48124

elastase on histol. of islands of Langerhans in chickens (It) 48125

ficin & papain degradation of blood group-specific mucopolysaccharides 19461

ficin, on carbobenzoxylated amino acids & dipeptides 24114

inactivation of arthropod-borne Group B animal viruses 10858

inactivation of urea-disrupted phages 45843

on cell detachment from culture flask in vitro (It) 37358

on rhodopsin 17320

necrosin on phagocytosis (Ger) 49366

on proteins in nerve cell of spinal cord 38415

papain anti-inflamm. eff. on skin inflamm. caused by diphtheria toxin in guinea pigs (It) 37305

papain hydrolysis of benzoyl-L-arginine ethyl ester, kinetics 40498

papain induction of changes in chem. structure of rabbit cartilage matrix 5012

papain inject. causing depletion of cartilage matrix throughout body in rabbits 5004

papain on erythrocytes in vitro (Fr) 15131

papain retardation of endochondral growth in young rabbits 35381A

rennin coagulation of enzymatically dephosphorylated casein 19520

*in blood*

activation by antigen-antibody reactions in vivo & in vitro (Ger) 10340

eff. of streptokinase activation of blood (It) 13510

eff. of x-irradiation on tripeptidase activity in rats (Fr) 9025

fibrinolytic enzyme system in maternal & umbilical cord blood 30259

in epidemic pleurodynia (Ger) 11165

in skin dis. (Ger) 12196

peptidase, eff. of exper. inj. in rat (Pol) 38103

tripeptidase, eff. of testosterone on activity in castrated rats (Ger) 27890

venous in obliterative vasc. dis. (Pol) 30814

*in cerebrospinal fluid*

in CNS dis., demonstration 34880

property of CSF indicating disturbed metab. of CNS 33062

*in urine*

urocathepsin in normal & pathol. cond., comparison with excretion rate of uropepsin 24849

*injurious effects*

papain causing myocardial necroses, prev. with magnesium & potassium chloride in rats 26504

*therapeutic use*

ascariasis in chickens (Pol) 33752

bromelin palliation in spasmodic dysmenorrhea 18424

debricin in wound debridement 54741

helminth infect., review (Pol) 33688

papain in inflamm. & edema, buccal admin. 36339

papain in wds. & inj., local admin. (Ger) 32959

papain-urea-chlorophyllin in chronic ulcers 29329

*PROTEINASES see* PROTEASES

**PROTEINS**

*see also* BLOOD PROTEINS

*see also* CASEIN

*see also* ENZYMES

*see also* HISTONE

*see also* KERATIN

*see also* LIPOPROTEINS

*see also* MUSCLE PROTEINS

*see also* NUCLEOPROTEINS

*see also* PEPTONES

*see also* PROTAMINES

*see also* RETICULIN

active protein principle in hemopoietic factor of blood following repeated bleeding (Fr) 26844

amido-nitrogen content, microdeterm. (Ger) 49896

animal protein & blended cereal protein, supplementary relationships 40246

antigen proteins, molecular weight determ. by diffusion analysis, determ. of diffusion coefficient by gel-precipitin technic 1693

chondromucoprotein, review 49464

cod fibrillar proteins, molecular weight & shape 13703

cold-insoluble fraction of soy bean proteins, conformation changes 1354

coupling to estrone, method 14623

α-crystallin from crystallin lens, determ. of its amino acid composition (It) 1105

denaturated bile proteins, composition (Ger) 41748

direct & indirect chem. changes induced by radiations (Ger) 9993

eff. of x-rays, electron spin resonance studies on damage 44297

elastin from ox ligamentum nuchae, reconstitution & properties 1645

elastin, relation to glucosamine (It) 1961

endoglobular origin of proteins accompanying human hemoglobin in its prep. (Fr) 26691

ergastoplasmic origin of protein granules in Ascaris spermatocytes (Fr) 3047

gliadin, determ. of amino acid content (It) 20960

gluten-free diet in steatorrhea (Fr) 38818

gluten intolerance in celiac dis. (Fr) 7510

gluten intolerance in steatorrhea in regional ileitis (Dut) 43069

globular proteins, dependence of optical rotatory dispersion on ionization & denaturation 25430

glycoproteins, review (Ger) 15435

heat & ultraviolet denaturation (Rus) 47994

identification of toxic cellular component of group A streptococci as complex of group-specific C polysaccharide & protein 40812

in hosp. & home diets in Hawaii 50155

interactions of cellular proteins with carcinogens involving secondary valence forces of carcinogens 36935

interactions of cellular proteins with covalent bonds of carcinogens 36922

intravenous admin. as test in differ. diag. of gastric cancer from peptic ulcer (Ger) 22638

labeling with cellulose-reactive dyes 52448

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

molecular structural changes after reactions with succinic anhydride 13760

molecular structure 19511

mucoprotein of bovine saliva containing neuraminidase-susceptible disaccharide 55565

mucoproteins in ox tracheal cartilage, separation & chem. characterization 37568

nat dietary-protein value, correlation with sulfur content 52337

nitrogen determ. in proteins by indanetrione hydrate method 52450

nutritional requirements & their provision by various diets (Fr) 37903

nutritional value & requirements of proteins & amino acids 50152

nutritional value, eff. of cortisone & testosterone in rat 29531

nutritional value, methods of evaluation, review (Fr) 24875

nutritional value of proteins from different sources in feeding of African child. 5549

of mealworm Tenebrio molitor during develop., electrophoresis 52380

paraprotein concervation in cells extramedullary in plasma cell myeloma (Ger) 12093

partition in liquid polymer-polymer 2-phase systems 19487

peanut protsins, nutritive value of differently processed peanut meals & eff. of supplementation by amino acids, antibiotics & vitamin B 12 17825

peanut proteins supplemented by antibiotics & vitamin B12, eff. on liver storage of vitamin A esters 17830

phosphoprotein binding of alkali-metal ions, eff. of pH & cation concentration 1389

preserv. of soluble proteins for histol. staining in paraffin sections 21960

properties of protein molecules in relation to hydration 21672

protein as specific cell surface component in mating reaction of Hansenula wingei 4730

protein-bound thioctic acid, liberation of acid by enzyme from Saccharomyces cerevisiae 40562

protein factor in early cytopathic eff. of adenoviruses in HeLa cell cultures 45824

protein hormones, isolation & characterization, review 1252

pumpkin seed meal as source of protein for swine & rats, comparative evaluation using depletion-repletion technic 5543

reactions in side-chains with thiophenol-activated amino acids in vitro, ultramicro method for Edman's sequence analysis of radiosulfur-labeled peptides (Ger) 25903

ricin, prep. & chem. of toxic fractions (Ger) 39900

silk fibroin, primary structure of amorphous portion (Ger) 27917

spectra of paramagnetic electronic resonance of native & denaturated proteins (Rus) 47993

thermal copolymerization of amino acids to product resembling protein 21724

tobacco mosaic virus protein, amino acid sequence, fractionation of products of tryptic hydrolysis by counter-current distribution 47710

tobacco mosaic virus proteins, infrared spectroscopic analysis of structure 1691

tobacco mosaic virus proteins, isolation of acetylseryltyrosine from chymotryptic digest 37099

tobacco mosaic virus protein, reactions of amide & carboxyl groups 47953

tyrosine groups in proteins, determ. by ultraviolet absorp., spectrum analysis 40501

vitamin B12-binding protein from gastric juice, antianemic activity (Ger) 49927

***deficiency***

after weaning in moroccan inf., eff. of climate (Fr) 31082

eff. of cortisone on metab. use of cystine, in adrenalectomized rats (Fr) 48864

eff. of dietary restriction on thyroid funct. & anterior pituitary thyrotropic funct. in rat (Fr) 26946

eff. of dietary supplement ovomaltine in rats previously on protein-free diet (Ger) 30633

eff. of low protein diet on schistosomiasis in mice 32509

eff. of protein-free diet on collagen content of mice 41344

eff. on antibody reactions to kidney homotranspl. in dogs 47562

eff. on cellular nucleic acid content, review 20020

eff. on coenzyme I breakdown & synthesis in rat liver 16360

eff. on growth & water content of eyeball in rats 2077

eff. on malic dehydrogenase I & reduced diphosphopyridine nucleotide cytochrome c reductase activity in rat liver 16301

eff. on ovarian & uterine responses of rats to exogenous gonadotropins 31298

eff. on skin nucleic acids in animals (Fr) 26882

eff. on testes & pituitary gonadotropin in rat (Fr) 38762

etiol. & manifest. (Ger) 943

in inf. (Sp) 31875

in post-gastrectomy patients, psychopathol. eff. (Fr) 47452

inducing cataract in pigs 17447

malnutrition in child., biochem. factors 16318

ocular manifest. in protein malnutrition, review 14475

protein malnutrition after pancreaticoduodenectomy, case reports & mechanism of malabsorp. 6180

ther., amino acids, parenteral admin. (Ger) 945

***determination***

chromatography on ion exchange, cellulose, review 49466

β-crystallin separation from crystalline lens, technic (It) 1109

differentiation from acid mucopolysaccharides by differential staining on paper (Fr) 15014

electrophoresis, after heat & urea denaturation (Rus) 1734

electrophoresis of proteins in bird's eggs (Ger) 29776

electrophoresis with device for maintenance of constant pH (Fr) 26347

electrophoresis with fluorescent dyes (Ger) 34022

exper.,eff. of nucleotide utilization & ribonucleic acid synthesis in rat liver (Fr) 37834

food proteins, quantitative determ. of component amino acids by single ion-exchange column 13757

fractions in Clostridium botulinum type A toxins, electrophoresis (Rus) 10932

glycoprotein assay by column fractionation method 31292

glycoprotein determ. by periodic acid-Schiff reaction (Fr) 3091

glycoproteins in various body fluids, determ. by improved periodic acid-fuchsin sulfite staining technic 38557

histochem. demonstration, eff. of fixation & selection of fixatives 28384

in castor beans, analysis (Fr) 37831

in chloroplasts (Rus) 37139

in cows' milk, human milk & humanized milk, electrophoresis & fractionation, comparison (Ger) 13086

in coxal glands of scorpion, microelectrophoretic comparison with proteins in hemolymph (Fr) 38764

in dried & fresh skim milk, comparison of concentration & biol. value (Ger) 23083

in edema fluid in pregn. toxemias, electrophoresis (It) 6853

in effusions from tuberculous tympanitis 1191

in fixed tissues, oxidized tannin-aso method 47091

in human blister fluid (It) 37430

in human milk, immunoelectrophoresis (Ger) 54344

in human milk, relation to fat content 19478

in leguminous seeds, paper electrophoresis 52435

in normal mouse lymphocytes & thymocytes & in human & mouse leukemic cells, interference microscopy technic 50571

in regenerating rat liver, paper electrophoretic pattern 15676

in rice, eff. of cooking on content (Sp) 1558

in semen of bull, electrophoretic & immunoelectrophoretic analysis (Fr) 37838

in soy bean hypocotyl, isolation & characterization 35423

in surg. dis. (Rus) 41688

in synovial fluid, determ., eff. of time of exposure & hyaluronidase treatment (Fr) 24100

in tissue cultures, rapid dissolution method for suitable cells 1369

in tobacco leaves, centrifugation across density boundary 9554

mitogenetic analysis of protein substrates, gelatin exper. (Rus) 48012

mucoprotein content in amniotic fluid in normal full term pregn., Winsler's method (It) 24062

peanut proteins prepared under different cond. of oil extraction, electrophoresis 17829

polysaccharide-protein combinations in bile (Ger) 55633

preop. & postop. (Por) 44441

semen content in relation to sperm count (Ger) 45574

size of protein subunits in bushy stunt virus 10866

spectrophotometric determ. in alkaline solution 7129

spectrum analysis of complexes of proteins with other substances, review (Rus) 45615

tear proteins, electrophoresis of tear specimens sent by mail in indust. survey 47049

***effects***

basic proteins on stability & gram-staining properties of Micrococcus pyogenes suspensions (It) 13952

delayed hypersensitivity to protein antigens, specific desensitization in guinea pigs 47563

dietary eff. on growth & reprod. & on hemoglobin regen. in rats 3078

dietary efficiency of proteins, determ. by Bender-Miller method (Fr) 24876

dietary in peptic ulcer, on nitrogen balance (Ger) 15465

dietary level on serum albumin catabolism rate in man 4877

dietary on blood cholesterol levels in rat 1398

dietary on blood cholinesterase levels in rat 50961

dietary, on course of hypertension (Rus) 33637

dietary on kidney concentrating ability in rat 35780

dietary, potentiation of postnephrectomy hypertension in dogs 48738

dietary proteins on blood cholesterol in chicks 41230

dietary proteins on liver nitrogen, succinic dehydrogenase & xanthine oxidase in rats 40083

dietary proteins on nitrogen balance & on musc. strength after train. in humans (Ger) 40179

dietary proteins on rate of blood turnover 50531

dietary proteins on urinary excretion of alpha-amino-nitrogen (Ger) 16370

gluten on vitamin B synthesis in sheep digestive tract (Fr) 38693

α1-glycoprotein blockage of chymotrypsin in rheum. arthritis 35214

high-protein diet on nucleolar size & ribonucleic acid content in liver & hepatoma cells in rats 35357

high protein diet with amino acid supplementation of corn on nitrogen retention in child. 50950

high-protein high-nucleic acid diet on incidence of N-2-fluorenyl-acetamide-induced tumors in rats 31309

hyaluronic acid-protein complex on distribution of ions in its solution 13728

induction of exper. nutritional hepatic fibrosis 15059

medium-high protein diet with amino acid supplementation of corn on nitrogen retention in child. 50960

milk protein fractions, orally sensitizing eff. in guinea pig, eff. of heat 20253

milk protein fractions, parenterally sensitizing eff. in guinea pig, eff. of heat 20252

on blood esterolysis (Ca) 48637

on blood glycolytic enzymes in cancer 17777

on glucose uptake & insulin degradation in isolated rat diaphragm & diaphragm extracts 38235

on liver inj. due to chloroform & carbon tetrachloride 10394

on permeability of dermal connective tissue, mechanism of action (It) 38705

on staining properties of mast cells (It) 36711

on vitamin B6 content of liver in rats under vitamin B6-deficient diet (It) 13964

ovomucoid induction of edema in rat skin, mechanism, relation to serotonin release (It) 37339

protein hydrolysate enhancement of ACTH 47122

proteins in rolled-dried & spray-dried milk powders, comparison of efficiency in vivo & relation to in vitro lysine availability 13393

pyrogenic eff. of protein C from disintegrated M. tuberc. in normal & tuberc. rabbits 13326

whole egg protein on nitrogen & energy requirements for maintenance of normal & of protein-depleted adult roosters 41236

***in cerebrospinal fluid***

determ. in normal & pathol. cond., immunoelectrophoresis (Ger) 6073

determ. technics, comparison (Ger) 15019

eff. of electric inj. on protein fractions in dogs (Ger) 34013

electrophoresis, normal value determ. of protein fractions (Fr) 41917

electrophoresis, review (Por) 25773

electrophoresis, technic & diag. value in neurol. disord. (Por) 25774

glycoproteins in epilepsy (Ger) 23601

in African trypanosomiasis (Fr) 26776

in brain neoplasms, paper electrophoresis (Rus) 10945

in inflammatory bact. & viral CNS dis. 24089

in normal child., electrophoresis (It) 52123

in NS dis., diag. value of paper electrophoresis (Ger) 27176

in schizophrenia 24620

in schizophrenia, electrophoresis 3603

in tuberc. meningitis (Rus) 20288

relation to blood protein levels, factors influencing concentration gradient 4874

variations in CSF & choroid plexus in cats, age factor (Rus) 33562

zone electrophoresis in starch gel 31340

*in urine*

after exercise, electrophoretic analysis 4668

Bence-Jones proteins in plasma cell myeloma, diag. value (Fr) 10040

Bence Jones proteins in plasma cell myeloma, immunochem. relation to hyperglobulinemic serum proteins 26476

determ. by 2 new commercial tests, comparison with standard tests 26431

determ. in normal cond. & in various dis., electrophoresis 355

determ., rapid test methods (Sw) 32977

in child., etiol. classif. (Fr) 35354

in infect. dis., clin. value of Kimbarovskii reaction (Pol) 8096

in kidney dis. & plasma cell myeloma, electrophoresis (Ger) 22877

in kidney dis., determ. by albumin loading test 12330

in nephrotic synd., comparison with orthostatic proteinuria, starch & immuno-electrophoresis (Fr) 53981

in nephrotic synd., eff. of prednisolone & human albumin (Ger) 19003

in normal & pathol. cond., electrophoretic & immunochem. determ. by method of Grabar & Williams (Fr) 44623

in plasma cell myeloma, diag. value 11914

in rats & mice, review 20037

in renal tubular disord. 28962

in Schoenlein-Henoch purpura (It) 42665

increase during tubular saturation with p-aminohippuric acid in patients with hypertension & kidney dis. (It) 44167

induction of proteinuria by uranium inject. in rats, analysis of proteins 12545

kidney biopsies in proteinuria associated with lipid nephrosis, amyloidosis & subacute & chronic glomerulonephritis 47032

mucoproteins, determ. in inflamm. & fatigue (Fr) 54126

mucoprotein determ., value in diag. of inflamm. & fatigue (Fr) 24784

mucoprotein with virus-inhibiting activity, phys. chem. properties 21706

mucoproteins, determ. (Ger) 27195

non-thermocoagulable proteins in plasma cell myeloma, analysis (Fr) 24780

orthostatic proteinuria, possible relation of aberrant renal arteries curving around & compressing the renal vein 38490

persistent proteinuria as manifest. of kidney dis., correlation with renal biopsy 39718

physiopathol. (It) 6938

protease in kidney dis., isolation & identification 50717

quantitative determ. by polythionate method 44899

*metabolism*

amoeba, uptake of protein from solution 27398

anabolism, eff. of vitamin B12 in rats (Fr) 54361

anabolism increase by 17α-ethyl-4(5)-estren-17β-ol-3-one & 19-nortestosterone phenyl propionate causing growth stimulation 2237

anterior pituitary protein component in normal & thyroidectomized rats, electrophoresis 18615

aorta, eff. of allylamine, sex hormones & castration in dog 35829

aqueous humor & vitreous body of enucleated eyes, electrophoresis 33863

aqueous humor content of one eye after removal of aqueous humor of other eye in rabbits (Ger) 24280

aqueous humor in rabbits, eff. of acetazolamide (Ger) 45953

aqueous humor of anterior chamber in iritis in rabbits, electrophoresis (Pol) 28847

Azotobacter agilis, eff. of chloramphenicol 4709

Bacillus megatherium, determ. of site of synthesis 1646

bile (Fr) 36629

binding with 1,3,5,8-dibenzanthracene deriv. in mouse skin, radiocarbon determ. 26462

biosynthesis (Tur) 45449

biosynthesis, activation of amino acids by vitamin B12 enzyme 4755

biosynthesis, eff. of biotin defic., review 43286

biosynthesis in rabbit macrophages & in HeLa cells in vitro, comparison 37564

brain, eff. of alkylaminephenothiazines in rats (It) 37314

brain, eff. of chronic admin. of acth & steroid hormones on extractive proteins in rats (It) 14023

brain, topography (Rus) 34765

bromphenol blue-binding capacity of blood & cytoplasmic proteins, comparison (Ger) 23075

buffering action of mast cells toward basic proteins (Ger) 34017

catabolism in idiopathic hypoproteinemia 32703

catabolism of native & denatured proteins in isolated perfused rat liver, comparison 14093

cerebral cortex & liver, eff. of lysergic acid diethylamide in growing rats, comparison with lysine (Ger) 26991

chloramphenicol inhib. of synthesis in E. coli, eff. on stability of ribonucleic acid 40515

clearance of administered antigenic protein from blood of normal & of immunized men 4861

CNS in rabbits, radioautography (Ger) 47905

CNS, radiosulfur autoradiographic determ. in rat & rabbit (Ger) 32682

colostral protein absorp. from gut of young calf 44032

colostrum & milk, immunochem. comparison with blood proteins (Cs) 38330

congen. disord. in synthesis causing hypoproteinemia & agammaglobulinemia (Ger) 42359

contractile, water-soluble & stroma protein content in uterine musc. (Ger) 47638

crystalline lens permeability in vitro & relation to physiopathol. of lens (It) 1104

crystalline lens, protein-protamine complexes in relation to electrostatic & enzymatic actions in aging of lens 47070

cystic fluid of brain tumors, electrophoresis (Por) 25770

dent. enamel protein element patterns in mouse incisor 46064

determ. with radiophosphorus & methionine S35 (Rus) 33471

digestibility, eff. of coprophagy in rat 5541

digestion in rats, eff. of aging 17366

digestion, review 20035

disord. in tinnitus & vertigo (Fr) 31992

disord., isolated disord. of absorp. causing anemia in small child (Ger) 48062

E. coli, eff. of ultraviolet rays on synthesis 1700

E. coli, relation to desoxyribonucleic acid synthesis (Fr) 48905

E. coli, sequence analysis of sulfur-containing amino acids 13751

E. coli, synthesis in pyrimidine-defic. mutant 13788

eff. of adrenal cortex hormones in long-term admin. 18441

eff. of alimentary acidosis & alkalosis in rats (Ger) 18339

eff. of bovine somatotropin in man (It) 37413

eff. of ω-bromoallylglycine on glycine incorporation into proteins of explanted chick embryos 4970

eff. of carbohydrates on nitrogen turnover in body proteins in rats (Hun) 35740

eff. of depletion of blood proteins by plasmapheresis on reserve protein from extravasc. extracellular fluid 50530

eff. of gastrectomy in peptic ulcer, remote postop. determ. (Rus) 32549

eff. of hormones 8637

eff. of mitochondrial damage, electron microscopy (Rus) 55300

eff. of trace elements on amino acids in bean proteins 19605

eff. of x-irradiation in rats 11536

eff. of x-rays on protein synthesis in liver homogenates & tumor cells (Ger) 10012

eff. of x-rays, review (Fr) 9017

electron transfer processes in carcinogen-protein complexes, relation to mechanism of carcinogenesis 26008

enzymic exchange of protein amide groups 1395

enzymic oxidation as rate-determining step in form. of highly stable surface membranes 44039

Eremothecium ashbyii, synthesis during fermentation, relation of osmotic pressure (Ger) 32283

essential amino acids in microbial proteins 1313

extravasal fluids in congestive heart failure (Ger) 22898

eye, radioprotein determ. in rabbits 47036

gastric emptying & intestinal absorp., eff. of nature of test meal in rat 17825

gastric juice, eff. of gastrointestinal extract (Ger) 27530

gastric mucosa in gastric carcinoma (It) 44815

gastric mucosal content in stomach cancer (It) 21503

glioma, cerebral (It) 1953

glycine & phenylalanine incorporation in rat kidney & liver in vitro, eff. of testosterone & 4β-chlorotestosterone (It) 32591

glycine incorporation in normal & malignant lymphocytes, eff. of steroids & metab. inhibitors 28260

glycoprotein secretion by human endometrium (Fr) 26948

glycoprotein synthesis in non-neoplastic animal tissue culture (It) 13994

glycoproteins, acid, in psoriasis (Ger) 3229

glycoproteins in embryos (It) 37348

glycoproteins in musc., electrophoresis in rabbits (It) 37322

glycoproteins in tuberc. in guinea pig (It) 44825

glycoproteins, organic water-soluble, electrophoretic determ. in calf eye (Ger) 24275

granulation tissue induced by polyvinyl sponge in guinea pigs 31421

heart & kidney fractions in rat, growth rate relative to total body growth 1355

heart, in exper. cardiac hypertrophy in rats 44105

HeLa cells infected with equine abortion virus 44153

hepatoma tumor tissue content in rats (Fr) 21286

hypotheses on protein synthesis, chem. aspects, review 53703

in acute renal failure, suppression of catabolism by 17α-ethyl-4(5)-estren-17β-ol-3-one ther. 18444

in adrenal cortex & pituitary insuff. (Ger) 11206

in amebiasis (Ger) 6719

in anemia, review 20033

in chronic malnutrition in child. (Sp) 48081

in exper. kidney lesions induced by corrosive mercuric chloride & uranyl (Rus) 33568

in kwashiorkor 24370

in nephritis (Rus) 41661

in nuclei of histiocytes & lymphocytes in blood, tonsils & lymph nodes in sarcoidosis (It) 37428

in pernicious anemia, review 26036

in pregn., role of connective tissue (Ger) 7096

in pregn., toxemia, protein content of edema fluid in various parts of body (It) 29628

in prostate hypertrophy, microelectrophoresis (Fr) 35525

in retinal pigments, relation to reaction to light (Fr) 38717

in scurvy in monkeys 16292

in trematode parasites Fasciola gigantica, Gastrothylax crumenifer & Paramphistomum explanatum 17376

in tryptophan defic. & x-ray induced cataracts of rats 47037

incorporation of amino acids, relation to ribonucleoprotein synthesis & eff. of somatotropin 28258

incorporation of hydroxyproline into tissue proteins in chick embryo 40545

incorporation of proline & hydroxyproline in protein in plants, relation to cell growth & morphogenesis 19541

interaction of carcinogenic molecules with cellular protein 26453

interactions with vitamin E, mechanism of binding 1392

internal protein in T2 & T4 bacteriophages 45831

intestinal absorp. in vitro, review 49704

iodoproteins in normal & abnormal human thyroid tissue & in normal sheep thyroid 49245

iodoproteins in thyroid tissue & blood of rats with transplantable thyroid tumor 49244

iron-containing proteins in various tissues of Walker carcinosarcoma 256 rats, eff. of iron & cobalt inject. 28525

kidneys, electrophoresis (Rus) 22656

kidneys, electrophoresis of soluble proteins in ischemic necrosis & in vitro aseptic autolysis in rats (It) 14007

kidneys, electrophoresis of soluble proteins in rats (It) 14006

kidney tissue extracts, electrophoresis in various animal species (It) 1954

levels of individual free amino acids of normal man at various intervals after high-protein meal 40687

lipophilic protein fraction from mouse brain, isolation & composition 1365

lipophilic proteins from mouse brain, isolation & analysis 1364

liver & small intestine cell nuclei, eff. of x-rays (Rus) 51752

liver, autoradiographic analysis on agar plates of labeled antigens from rat liver 42981

liver, dependence of glycine uptake on ribonucleic acid biosynthesis in regenerating rat liver slices 13777

liver, eff. of ethionine in rat liver & sex differences in inhib. 4756

liver, eff. of nicotinamide on form. from formate & glycine in mouse liver 40555A

liver, inhib. of synthesis by dimethylnitrosamine in rat liver in vivo 37062

liver, isolation & analysis of desoxyribonucleic acid-protein complexes in rat liver homogenates 13733

liver, lobrol-fractionation of proteins of rat liver microsomes 13732

liver protein incorporation of phenylalanine during liver regen. in rats, eff. of homologous plasma admin. (It) 1908

liver, review (Sp) 53910

liver, site of origin of cell-sap proteins labelled by incorporation of radiocarbon-labelled amino acids in cell-free system from guinea pig liver 13740

liver synthesis in vitro, eff. of testosterone propionate & 4β-chlorotestosterone acetate 19467

long bones of hands & feet in osteomyelitis (It) 44844

lymph nodes & spleen, radioautographic study with radiosulfur-labeled cpds. (Ger) 39241

lysine incorporation in various brain areas in monkeys 5480

M. tuberc., electrophoresis (It) 37502

metab. & protein nutrition, review 1262

Micrococcus pyogenes aureus, synthesis as basis for chloramphenicol resist. in various strains 7248

microorganisms, review (Rus) 33166

mitochondrial incorporation of amino acids 4762

mobilization in exper. diabetes, eff. of adrenal corticoids & influence of arterenol & epinephrine 734

mucoprotein, perchloride-soluble, in ovarian serous cysts & cystadenomas, biochem. determ. (It) 13108

mucoprotein, perchlorosoluble fractions in liver & kidneys in exper. nephritis induced by heteroantibodies (It) 39655

musc., in cancer, electrophoresis (Ger) 7084

musc., relation of non-collagen proteins to potassium in denervated musc. (Cz) 38207

neuraxis in mammals, radioautography of turnover 40594

neuron of spinal cord, eff. of proteinases 38415

NS (Pol) 53301

NS, review (Pol) 30761

ovorubin synthesis in eggs of gastropod mollusc Pomacea canaliculata 53489

oxidation by polyphenol oxidase & vitamin C-ferrous ion-oxygen system (Fr) 15130

pancreas, incorporation of leucine in guinea pig cell fractions 16949

pancreas, secretion in pigeon pancreas slices, relation to phosphoinositide incorporation 16896

parotid gland, secretion rate & composition in man 14603

participation of bicarbonates in protein synthesis 50535

permeability of amnion to protein molecules (It) 24958

phosphoprotein synthesis in liver & ovaries of frogs 31464

physiol. bases of parenteral replacement in protein imbalance (Ger) 944

placental passage in rats in pregn. at term (Ger) 34433

pleural fluid, diag. value 30104

protein-bound sulfhydryl groups in sea urchin egg from fertilization to 2 cell stage, cytochem. 16958

protein-ribunucleic acid distribution during neural induction in frog embryo 17277

proteolytic digestibilities of natural proteins & their iodinated analogs 3440

radiosulfur assimilation from labeled vitamin B1 (Rus) 37136

rate-governing reaction in protein synthesis 19611

regen. processes (Rus) 33453

relation of protein level of diet to minimum lysine requirement of rat 5559

requirements in pulm. tuberc. (Rus) 31201

requirements of child., review 20031

requirements of chinook salmon at various water temperatures 17814

requirements of patients with chronic renal failure, review 20032

requirements, recommendation of UN Committee on Protein Requirements for Nutrition & Agriculture (Fr) 24874

Saccharomyces carlsbergensis, eff. of actidione & fungicides on synthesis 40841

Saccharomyces cerevisiae, incorporation rate of phosphorus into phosphorylserine-containing proteins 35481

Saccharomyces cerevisiae, incorporation rate of phosphorus into phosphorylserine-containing proteins, eff. of glycolytic inhibitors 35482

Saccharomyces cerevisiae, incorporation rate of phosphorus into phosphorylserine-containing proteins, eff. of inhibitors of oxidative phosphorylation 35483

silk fibroin synthesis in silk gland, relation to ribonucleic acid metab. 37084

skin, in exper. vitamin B6 defic. (Rus) 22654

skin protein binding of 2,4-dinitrochlorobenzene in exper. contact dermatitis in guinea pigs 28320

skin protein sulfhydryl groups, eff. of anthracene, 1,2,5,6-dibenzanthracene & 9,10-dimethyl-1,2-benzanthracene in mice 5220

soluble proteins in feces in chronic nutrition disord. in child. (Rus) 7908

specific dynamic action in rats, eff. of hexamethonium (It) 37397

sulfhydryl-containing proteins in anterior pituitary of various poikilothermal vertebrates, content & distribution (Fr) 48818

synthesis (Ger) 4040

synthesis after implants of minced musc. tissue in musc. defects in rabbits (Rus) 3404

synthesis as part of problem of biol. replication 10206

synthesis by bact. particles, eff. of adding amino acid incorporating enzyme 46373

synthesis in fungus Merulis lacrymans (Ger) 25311

synthesis in relation to nucleic acid metab., radioautographic study 51306

synthesis, relation to hypothalamic neurosecretion (Ger) 34226

synthesis, relation to phosphatase activity, histochem. determ. 3485

synthesis, review 1351

10205

synthesis, study with radiocarbon-labeled amino acids (It) 6947

tumor cells, eff. of x-rays on synthesis in Yoshida sarcoma (Ger) 9985

tumor tissue, incorporation of canavanine in Walker carcinosarcoma 256 cells in vitro 48581

utilization by human tumor cells cultivated in vitro (It) 37527

***preparation of***

fractionation by paper electrophoresis in magnetic field 49295

soluble proteins of bovine hide, extraction by aqueous sodium phosphate & half-saturated lime 47950

***therapeutic use***

fish protein feeding to inf. & young child. (Ger) 16382

high protein diets (Fr) 10043

kwashiorkor, protein diets in prev. & ther., review 7557

labiline-silicon ointment,protective & ther. value in skin dis. acting without interference with biol. processes (Ger) 11176

mucoprotein from cat gastric mucin in hypercholesteremia (It) 29668

peptic ulcer, eff. on blood proteins (Fr) 9642

peptic ulcer, mechanism of action of proteinother. (Fr) 9643

premature inf. (It) 52124

protein-calcium enriched diet in osteoporosis in aged (Fr) 41931

supplementation of diets 12644

**PROTEUS**

hauseri, phage typing (Fr) 34503

L forms, eff. of heat on develop. (It) 16014

L forms, osmotic resist. (It) 16013

mirabilis, eff. of phage on L phase (Ger) 23066

motility, cinematography (Ger) 46241

***culture***

inhib. of spreading by limiting surface-active substances (Ger) 23160

oxygen consumption of different forms of stable L Proteus P 18 growing in hypertonic liquid medium 52428

prev. of swarming with 1-(p-nitrophenyl)glycerine (Ger) 15394

***effect of drugs on***

kanamycin, nitrofurantoin novobiocin & sulfonamides, develop. of resist. (Fr) 13048

penicillin diffusion in L variant prod. 4729

***effect of radiations on***

beta rays from radiophosphorus on P18 strain 19480

***metabolism***

enzymatic activities of various types of L forms (Fr) 48851

ribonucleic acid in Proteus & its L-forms (Fr) 13788

**PROTEUS INFECTIONS**

***in infant and child***

meningitis, suppurative (Pol) 7831

**PROTEUS VULGARIS**

L forms & normal forms, electron microscopy 5912

***effect of drugs on***

cholortetracycline, inhib. of chlortetracycline-resist. Proteus in beef, by sub-bacteriostatic concentrations of chlortetracycline 1308

nitrofurantoin combined with chloramphenicol & erythromycin in vitro 47618

penicillin induction of L-phase, electron microscopy of flagellae (Ger) 46252

penicillin, prod. of extracellular penicillin inhibitor 50347

***metabolism***

lipopolysaccharides, cond. of induced leukocyte migration & chemotaxis in tissue cultures (Ger) 29888

new protease, isolation & properties 13795

nicotinic acid nitriles & -oximes as growth factors (Ger) 46173

nucleic acid & phosphates in normal & drug-inhibited strains (Ger) 25309

pyrogenic lipopolysaccharides, isolation & comparison 41323

**PROTHROMBIN**

activity in acute viral hepatitis, eff. of admin. of α-lipoic acid (It) 13946

activity in normal subjects, eff. of admin. of α-lipoic acid (It) 13947

complex form. with euglobulin causing interference with clotting mechanism 1148

consumption in leukemia & Hodgkin's dis. (Ger) 27197

consumption test, eff. of addition of erythrocyte extract 744

content, significance in results of tests for antithrombocytic antibodies (Ger) 10958

synthesis in RE system, exper. & review 32257

synthesis, role of bone marrow 229

***deficiency***

exper., counteracting eff. of vitamin K1 deriv. in dogs 37224

hypoprothrombinemia in liver cirrhosis, ther., vitamin K 1 (Fr) 50770

hypoprothrombinemia in newborn inf., findings on thromboplastic activity of serum (Sp) 21127

in liver cirrhosis causing hemorrhagic diathesis, case report (Hun) 43454

***effect of drugs on***

coumarin & indandione anticoagulants (It) 6790

iproniazid on prothrombin concentration in angina pectoris (Sp) 43859

phenindione on blood levels 16824

***effect of radiations on***

radiophosphorus & x-rays, in leukemia & polycythemia (Rus) 22617

**PROTHROMBIN TIME**

control for anticoagulative ther., different concept 12215

develop. & early use of prothrombin tests 48710

eff. of blood lipids on acceleration of time by Russel's viper venom 18437

eff. of explosive decompression in rabbits (It) 9387

eff. of regional meteorol. cond. (Ger) 27703

in ascitic fluid in differentiation of liver cirrhosis & cancer (It) 20819

in gastrointestinal hemorrh. (Nor) 43242

in newborn & other inf., determ., comparison of Quick-Lehmann & Owren methods 35347

in various coagulation disord. (Ger) 49020

prothrombin time fixing agent, determinant of prothrombin time in normal human plasma 22222

Quick test (Ger) 12096

***PROTAMINASE see*** **PROTEASES**

**PROTOPLASM**

adipose cell of leech, electron microscopy of fine structure 16956

bact., composition (It) 1977

chondriome of large-cell nuclei of hypothalamus (Sp) 25664

chondriome of macula densa of kidney tubule (Fr) 26847

cytoplasm chondriosomes (Ger) 42390

cytoplasm, cytochondrial aspects 28298

cytoplasm, fine structure of ground substance (Nor) 19954

cytoplasm in sexual reprod. 19682

cytoplasm incorporation of thymidine in Amoeba proteus 40602

cytoplasmic granules, product of intracellular secretion processes (Ger) 34405

cytoplasmic ribonucleoproteins in rat liver, biol. factors 40592

ergastoplasmic origin of protein granules in Ascaris spermatocytes (Fr) 3047

mitogenetic analysis of protein substrates, gelatin exper. (Rus) 48012

protoplasmic streaming in alga Nitella opaca 52287

simultaneous staining of cytoplasm & nucleus by oxazine dyes 21971

synthesis of micellary structures & intermicellary crystallization (Ger) 45587

***PROTOVERATRINE see*** **VERATRUM ALKALOIDS**

**PROTOZOA**

***see also*** **AMOEBA**

***see also*** **CILIATA**

***see also*** **MASTIGOPHORA**

***see also*** **SPOROZOA**

ciliary coordination 15713

eff. of blood, CSF & urine of schizophrenics (Ger) 46049

eggs & cysts in feces, exam. technic (Pol) 33727


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

in feces, detection methods (Tur) 45448
intestinal in child. & adolescents (Pol) 33739
maintenance of oligotrich protozoa from sheep rumen in vitro 19855
Mallomonas akrokomos & insignis, description 5084
nutrition & ecol., review 25116
Theileria annulata & Theileria parva, growth in tissue culture 22295

*effect of drugs on*
DDT on aquatic species 2558

*metabolism*
polyphosphates, inorganic (Fr) 3488

PROTOZOAN INFECTIONS
Globidium gilruthi infect. in digestive tract of Egyptian sheep & goats 30363
intestinal protozoa in Americans residing in Formosa 47271
review 25111
Vorticella infect. of rectal ampulla of man 10522

*epidemiology*
in Egypt, variations in inhabitants of different type localities 24704

*in infant and child*
intestinal in No. Africa, statist. (Fr) 24292

PRURIGO

*case reports*
Besnier's prurigo with calcinosis 44053

*in infant and child*
strophulus pruriginosus (Fr) 27491

PRURIGO NODULARIS
diag. & ther. (Sw) 22132

PRURITUS
etiol. & ther. 21508

*case reports*
vulva 46059

*complications*
vitiligo 18

*physiology*
mechanism of itching in dermatitic skin 13164
physiopathol., review (Por) 3698

*surgery*
vulva, Horn's operation (Hun) 51424

*therapy*
amino acids in chronic idiopathic pruritus ani 15948
anus & vulva 40290
anus, fludrocortisone-antibiotic prep. 54543
chlorpromazine ther. of senile pruritus causing agranulocytosis (Fr) 2420
crotamiton in vulvar pruritus (Por) 8769
10-(3-dimethylamino-2-methylpropyl) phenothiazine 1287
48493
10-(2-dimethylamino-2-methylethyl) phenothiazine (Rus) 45649
10-(3-dimethylamino-2-methylpropyl)phenothiazine, antipruritic in chem. burns & dermatoses in coal miners 53050
10-(3-dimethylamino-2-methylpropyl)phenothiazine, oral admin. 7503
16357
fludrocortisone with crude coal tar & 5,7-dichloro-8-hydroxyquinoline in anogenital pruritus 12580
malt soup extract in pruritus ani 3383
methods of clin. evaluation of results of oral & parenteral antipruritic agents 46386
phenylephrine, phenIramine & pyrilamine tannates 1286
procaine with ascorbic acid 6527
tar ointment in vulvar pruritus, followed by spino-cellular epithelioma of labium majus (It) 6646
vulva (It) 26617
vulva, local & sympt. (Fr) 3710

*PSAMMOMA see* MENINGIOMA

PSEUDARTHROSIS

*case reports*
rhizomelic pseudopolyarthritis (Fr) 54456

*complications*
fatigue fract. with congen. unilateral hip luxation (Ger) 39420

*etiology and pathogenesis*
fract. of femur neck causing femur neck pseudoarthrosis (Ger) 37754

*in infant and child*
shin, congen., early x-ray aspects (Pol) 53132
tibia, congen. 40608

*pathology*
vascularization, clin. & exper. study (Fr) 4822

*surgery*
arthroplasty for pseudarthror's of femur neck, indic. & technics (Fr) 21593
bone chip implant as aid in callus form. (Ger) 34567
compression osteosynthesis, appar. & technics (Ger) 39844
double coaptation technic in pseudarthrosis of thigh (Fr) 6306
fixation after diaphysial forearm fract. (Nor) 54963
malleolar, technic (Ger) 25360
Phemister method in pseudoarthrosis of forearm & distal part of leg 36870

*therapy*
placental extracts, concentrated, indic. (Fr) 21595

*PSEUDOCYESIS see* PSEUDOPREGNANCY

*PSEUDOHERMAPHRODITISM see* HERMAPHRODITISM

*PSEUDOHYPERTROPHIC MUSCULAR DYSTROPHY see* MUSCLES, *diseases*

*PSEUDOLEUKEMIA see* HODGKIN'S DISEASE

PSEUDOMONAS
Aeromonas, biol. properties (Ger) 55677
protosocidal eff. of Pseudomonas fluorescens extracts (Ger) 25240
pseudomallei, avirulent auxotrophic mutant, growth, virulence & immunizing properties 28434
Pseudomonas enteritis, proposed name for species isolated from feces of patients with food pois. 33886
viscosa, flagella, motility & agglut. 32288

*culture*
fluorescens & putida, differentiation on TTC-agar medium, comparison with Pseudomonas aeruginosa (Ger) 36421
fluorescens filtrates, use for destruction of influenza virus inhibitors in human & animal sera 24213
pyocyanea, symbiosis with Clostridium tetani in inoculation with metagenetic plate (Ger) 25242

*metabolism*
alloisoleucine in Pseudomonas species KT 85 from soil, enzymatic resolution 14927
anthracene, naphthalene & phenanthrene, oxidative metab. by soil Pseudomonads 7173
6-N-benzoyl-L-lysine in Pseudomonas species KT 83, enzymatic hydrolysis 14914
canavanine, enzymic cleavage to homoserine & hydroxyguanidine 38263
fluorescens, in infected preserved blood, prod. of spreading factor activity 24003
fluorescens, prod. of polysaccharide in media containing sucrose 23938
isocitratase form. by Pseudomonas ovalis, eff. of growth substrates 29861
mandelic acid dehydrogenase localisation & protoplast form. in Pseudomonas fluorescens 4340
nitrous oxide prod. & utilization by Pseudomonas denitrificans 50333
oxidative metab. of nitrobenzoic acids & nitro-aromatic cpds. 5080
peptide synthesis from amino acids in Pseudomonas hydrophila, determ. by radiocarbon incorporation 37980
pyruvic acid enzymic form. from acetylenedicarboxylic acid 4772
resp. & cytochrome system of a fluorescent pseudomonas grown in continuous culture, eff. of growth rate & aeration 17398
tryptophan in Pseudomonas species Kt 104 from soil, enzymatic resolution 14915
utilization of threo-3-phenylserine & its benzoyl deriv. by strain from soil, D-form specificity 2825
vitamin B6 oxidation, detection & isolation of isopyridoxal & 5-pyridoxic acid as metabolites 40520
vitamin B6 oxidation, isolation & structure of compound formed 40521

PSEUDOMONAS AERUGINOSA
endotoxin, characterization & chem. analysis of component toxic lipopolysaccharide (Ger) 25892
polysaccharides in ther. of various dis., mechanisms of action (Sp) 3311

*culture*
differentiation on TTC-agar medium, comparison with Pseudomonas fluorescens & Pseudomonas putida (Ger) 36421

*effect of drugs on*
antibiotic sensitivity (Rus) 36412
chlortetracycline, inhib. of chlortetracycline-resist. Pseudomonas in beef by sub-bacteriostatic concentrations of chlortetracycline 1308
mechlorethamine, colchicine & urethane, on growth & differentiation of Pseudomonas aeruginosa 11753
quaternary ammonium cpds., properties of sensitive & resist. strains 2565

*immunology*
O-antigen determ. by agglut. & precipitation, comparative values (Ger) 34511
O-antigen, serostructure (Ger) 34062
serodiag. differentiation with thermolabile antigens (Ger) 23000

*metabolism*
cytochrome 551, prep. of crystalline form 29814
cytochrome oxidase, high purification & properties 1677
dehydrogenation of paraffin hydrocarbons in presence of pyocyanine (Fr) 38645
growth on medium containing single amino acid as sole nitrogen source (Fr) 37829

PSEUDOMONAS INFECTIONS
aeruginosa enteritis (Ger) 34331
aeruginosa septicemia, review & case reports 35714
mastitis caused by Pseudomonas aeruginosa in cow, case report 40408

*case reports*
pharyngitis caused by polymyxin B-resist. strain of Pseudomonas aeruginosa, ther., neomycin (It) 30674

*differential diagnosis*
from Pseudomonas-like infect., comparison of laboratory tests 16885

*experimental*
aeruginosa bacteremia, eff. of ACTH & aminopyrine in rabbits (Hun) 28785
aeruginosa, eff. of hypothermia in rats 23339
aeruginosa, eff. of polymyxin with tetracycline (Rus) 36403
eff. of soframycin on corneal infect. in animals 2095
mechanism of corneal destruction by Pseudomonas proteases in rabbits 24587

*in infant and child*
aeruginosa appendicular peritonitis causing intestinal obstruct., surg. total plication of small intestine, Noble technic (Fr) 42411
meningitis caused by Pseudomonas aeruginosa, ther., polymyxin B, cured case (Hun) 7702
otitis media & pyoderma gangrenosum 23521

*in pregnancy*
causing stillbirth & bacteremic shock 24513

*therapy*
(Heb) 3973
aeruginosa infect. of urinary tract (Cz) 9453
neomycin & streptomycin in corneal ulcer caused by Pseudomonas aeruginosa (Cz) 14934
polymyxin in Pseudomonas infect. after thorax surg. (Ger) 19445

PSEUDOPREGNANCY
clin. manifest. & etiol. (Fr) 15168
unconscious & abortive aspects 33870

*experimental*
induction by short-term treatment of rats with prolactin (Fr) 40819

*physiology*
induction of decidual cell reaction in pseudopregn. rat by systemic admin. of histamine & histamine liberators 17239

PSEUDOXANTHOMA ELASTICUM
Grönblad-Strandberg synd. (Rus) 22554
Grönblad-Strandberg synd. with osteitis deformans, review & case report (Fr) 14497

*case reports*
35737
in cardiac enlargement with congestive heart failure, clin. pathol. conf. 46906
with angioid striae & gastrointestinal hemorrh. (It) 6823

*complications*
chromophobe adenoma of pituitary gland (Ger) 38433

*manifestations*
calcification of coronary artery & falx cerebri, case reports 9785A

*pathology*
identification of anat. defect 707

*PSITTACOSIS see* ORNITHOSIS

PSORIASIS

*see also* PARAPSORIASIS
40921
psoriatic arthritis, review (Fr) 11287
unknown causes & dubious ther. 51541

*blood in*
basophil count 23700
blood group distribution 11555
β-globulins & β-lipoproteins, comparative eff. of edathamil & ultraviolet ther. on electrophoretic patterns 5219
immuno-electrophoretic analysis (Fr) 2402
lipoprotein & cholesterol levels in men & women 17522
phospholipids & cholesterol, determ. with lecithin loading test (Ger) 3211
plasmalogen (Ger) 6091

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

proteins, electrophoresis (Fr) 41940

uric acid, comparison with normal humans 38444

vitamin A metab. in psoriasis vulgaris 24102

*case reports*

(Ger) 38875

pustular psoriasis (Fr) 2429

with pseudo-cyst of pancreas (Fr) 2413

*complications*

arthritis (Rus) 45917

osteolysis of terminal finger phalanges (Dut) 49601

pseudocyst of pancreas (Fr) 51394

reflex disord. in psoriasis of hand, case report (Fr) 37852

rheum. (Fr) 54190
54191

*differential diagnosis*

pustulosa, Zumbusch type, from psoriasis cum pustulatione (Ger) 15278

*etiology and pathogenesis*

biochem. aspects of pathogen., review (Sw) 19934

clin. & exper. study 15717

Köbner stimulation phenomenon (Ger) 3987

mold sensitivity (Fr) 15301

*manifestations*

changes in fingernails (It) 3908

*metabolism*

acid glycoprotein in scales (Ger) 3229

skin potassium & blood potassium, chloride & alkali 17536

*pathology*

relation to arthritis 27964

*physiology*

body temp. regulation (Rus) 33506

*therapy*

aminopterin 50652

aminopterin (Bul) 32757

anthralin aerosol (Ger) 34046

betaine citrate (Fr) 39494

carbutamide 15273

chelating agents in rheum.psoriasis (Fr) 2394

hosp. ther., results & incidence of recur. (Ger) 38870

ipronizid, disappointing results 50195

new treatments 20591

psor-intern (Sp) 35539

sitosterol, eff. on course of dis. & on blood cholesterol levels 38872

ther. problems (Fr) 19344

triamcinolone, in patients of rheum. arthritis (Sp) 51618

vitamin B2 11586

vitamin B6 (Rus) 22501

*SYCHIATRIC TESTS see* PROJECTIVE TECHNIQUES

*PSYCHIATRIC TESTS see* PSYCHOLOGICAL TESTS

PSYCHIATRY

*see also* HOSPITALS, PSYCHIATRIC

*see also* MENTAL DISORDERS

*see also* MENTAL HYGIENE

adolescent psychiatry in med. (Ger) 42281

anthropol. aspects (Dut) 52540

application of Freudian theory 37574

balneo-psychiatry (Ger) 53630

basic principles 51580

bibliog. (Pol) 30088

child psychiatry 29009

child psychiatry in Gt. Brit., role of Meyerian psychobiol. & psychoanalysis 2656

child, psychiatry, relation to neurol. (Ger) 44918

child psychiatry, review 47154

child psychiatry, symptom classif. 55518

college psychiatric serv., responsibility to faculty & administrative personnel 21982

college psychiatric serv., responsibility to official agencies 21981

college psychiatric serv., responsibility to other counseling agencies 21983

comparative methods (Rus) 34781

comparison of laboratory methods in search for new drugs of potential value to psychiatry, review 8352

consultative, problems & methods 8524

contribution of Cervantes (Sp) 2950

contribution of P. B. Gannushkin (Rus) 46526

contribution of R. Gjessing 17748

contribution of Yves Poursines (Fr) 29194

contribution of psychiatry to criminal law & procedure 8379

contribution of Henricus C. Rümke (Fr) 15807

contributions of religion 42030

contributions to religion 42031

coordination of physiol. & clin. methods in psychiatry (Rus) 34720

cultural thought models in primitive & modern psychiatric theories 31545

cybernetics in, review (Rus) 46328

forensic psychiatry, review 47164

genetic psychiatry, contribution of Bruno Schulz (Ger) 46711

GP's interest in various fields of psychiatry & attitude toward psychiatrists, opinion poll 16656

hist. aspects, review (Pol) 30912

in Asia & Middle E. 758

in Czech., organizational problems (Cs) 48667

in France (Fr) 10680

in France, progr. (Fr) 55119

in GP 2171 2177 17463 50759 56534

in GP (Ger) 15821

in Gt. Brit. 20840

in Royal Army Med. Corps 18039

in Russia 23414

in U. S., progr. 9262

indust., as prev. psychiatry 12640

indust. psychiatry, review 47159

interview, cues assoc. with accurate & inaccurate interview impressions 31549

interview funct. of Rorschach test (Fr) 47445

interviews, interaction analysis by language of dyad 8393

Johann Heinroth's concept of funct. of psychiatrist 8389

military aviation psychiatry (Ser) 10908

military psychiatry, review 47166

motivations of professional persons working in field of psychiatry 53618

necessity for synthesis (Ger) 35370

need for psychiatric & neurol. exam. in outpatient serv. (Fin) 54636

neuropsychiatry, contribution of Jews in 19th & 20th centuries (Fr) 21585

neuropsychiatry, progr. (Fr) 41106

neuropsychiatry, review (Fr) 9195

New Jersey Neuropsychiatric Assoc. 50232

nomenclature problems (Ger) 27036

nosol. aspects & relation to positivism (Rus) 34809

philosophical & pragmatic aspects (Rus) 34783

patients' attitudes regarding efficacy of reading popular psychiatric & psychol. articles & books 51897

phys. ther. in psychiatry 50836

planning psychiatric programs in New York, statist. 26288

problems of improved psychiatric aid (Rus) 55848

professional & psycho-social life patterns of psychiatrists 47171

progr. 24614
51528

psychiatric aide evaluation 19996

psychiatric consultation in med. research setting 18656

psychiatric eugenics & genetics, review 47148

psychiatric exam. of child 51889

psychiatric nurses' aides, method of evaluation 19994

psychiatric nursing serv., review 47160

psychiatric observations & principles in writings of Balzac (Fr) 36136

psychiatric orthoepy 762

psychiatric problems caused by impact of machine age on man (Ger) 33837

psychiatric serv. in armed forces 51524

psychiatric serv. in Hôpital Ste-Justine, Montreal 2534

psychiatric serv. of armed forces, organiz. & problems 54013

psychiatric soc. work, principles 47162

psychiatric soc. workers, funct. 50661

psychiatric ward in general hosp. 50193

psychiatrists as expert witnesses in criminal trials, problems concerning M'Naghten rule 24615

psychiatrist's experiences in department of internal med. (Nor) 19935

psychiatrist's ideals & goals 53617

psychiatrist's interview with patients in state ment. hosp., methods & soc. factors in communication 48387

psychiatrists' opinions on ment. health problems, comparison with psychologist's opinions 17137

psychiatrists' problems in relation to tranquilizing medication in psychother. 20839

psychiatrist's role in prev. of juvenile delinquency & crime 48647

pub. educ. in prev. psychiatry 12642

referral by GP, differences from referral to other specialists 5350

referral of psychosomatic patients to psychiatric specialist 27513

relation of psychiatrist to psychologist (Dut) 29984

relation of psychiatrist to special instructors & rehabil. specialists (Fr) 990

relation to depth psychol. (Rus) 46354

relation to GP 28498

relation to med. 5346

research in Illinois 18387

research in state ment. hosp. 12586

semantic aspects of progn. in psychiatry 50110

soc. psychiatry 6256

soc. psychiatry, relation to soc. stress & ment. dis. from 18th century to present 51948

soc., relation to family (Ger) 49146

soc., value of empirical soc. research (Ger) 33865

statist. methods, limitations (Sw) 30219

validity of clin. diag. made by psychiatrists 24587

use of hypnosis (Fr) 55123

*education*

child psychiatry in U. S. (Sw) 32846

final exam. in clin. psychiatry 41170

in England, undergraduate & postgraduate train. 17743

Menninger School of Psychiatry, evaluation 2354

pastoral psychiatry, St. John's Ment. Health Institute of St. John's University, Minnesota 24623

personality growth in psychiatric residents 46447

psychiatric consultation program for ment. health train. of pub. health nurses or other professional groups 44265

psychiatric departments in med. schools, statist. 47172

reorganiz. in Russia (Rus) 55863

residency program in psychiatric nursing 7552

residency train. at Delaware State Hosp. 3187

review 47187

train. of GP for psychiatric management of alcoholic with use of GP offices as outpatient & follow-up facility 24625

train. of psychiatrists in ther. of ment. retardation 53603

two-way radio conf. on psychother. for postgraduate educ. 30179

use of private patients for demonstrating psychiatric interviewing 41174

*history*

(Rus) 46304

a pre-Freudian complex-theory 47187

care & treatment of ment. patients in ante-bellum Louisiana 28402

in 18th & 19th century Italy, contribution of Biagio Miraglia 28398

in Sweden, influence of Henrik Sjöbring 24617

in U. S., influence of phrenology on early psychiatric thought 24624

PSYCHOANALYSIS

communication networks in Freud's interview technique 53605

contribution of Josef Breuer 40152

contribution of clergyman Oskar Pfister 50044

contribution of Ernest Jones 40151

depth psychol. in relation to psychiatry (Rus) 46354

develop. of tasks & goals, hist. study of Freud's writings on technic 31544

existential analysis 44225

psychoanalytic methods in studying pharmacol. of psychol. processes, review 8354

relation of growth of psychoanalysis to 19th century problems of Western culture & art 44227

relation to soc., religious & natural forces 50034

*education*

paranormal triangle in analytic supervision 20853

role of quest of omniscience in 4596

socio-psychol. analysis of psychoanalytic train. 50042

supervision in psychother., complexity of relationship between supervisor & student-analyst 20852

PSYCHOANALYTIC INTERPRETATION

*see also* DREAMS 41197

existential analysis of depression (Ger) 55573

existential analytic interpretation of paranoid schizophrenia in aged (Ger) 32265

existential boundary situations in relationship to mystical & religious symbols 28035

interpretation as existence in analysis 8402

nature & eff. (Ger) 53601

of a feminine Moses as bridge between childhood identifications & adult identity 50037

of adult's stock of fantasies in face of anxiety-provoking reality, comparison with child's toy-box (Sp) 21239

of aggression & adjustment (Ger) 53600

of arrogance as denial of use of projective identification 4384

of art as reflection of pressures & stress in contemporary society 53610

of autism & symbiosis as extreme identity disord. in child schizophrenia 4271

of automobile as symbolic continuation of man's body, comparison with symbolism of house for women 20857

of Book of Job & Hebrew myth of the Chosen God 25039

of Book of Job by Freud & Jung 26287

of brainwashing & mesticide as methods of conscious & unconscious thought control 8404

of capacity to be alone 40152

of castration complex in males threatened with castration in childhood & of inferiority fantasies concerning penis size (Fin) 27288

of castrophilia 50036


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

of character form. by integration of unusual conflict solutions into ego structure 44241

of communication of affect in monkeys 4598

of contemporary literary culture 8401

of death fear in old man 4290

of dentition, walking & speech in relation to depressive position in inf. 4288

of depression in polio., case report of 5-year old boy 44246

of depressive eff. of teething, walking & talking & weaning on young child (Sp) 21238

of distortion of religious symbolism of the cross as a command to suffer 28038

of eff. of early mother-child relation on identification processes 44232

of ego in mystic selflessness 8400

of empathy between mother & child 44249

of family romance of men of genius 44230

of fantasy of being rescued in suicide 8409

of fantasy of illness developed during house-building play of an enuretic child (Sp) 21235

of fantasy of reversal of generations 8413

of father-love in Dostoevsky's Crime & Punishment 44226

of fear of failure in object relations in adolescent boy (Sp) 21242

of female sterility due to envy inhibiting identification with fertile mother 4283

of fetishism (Ger) 44195

of Freud's designation of Schnitzler as his Doppelgänger 50284

of funct. synd. (Ger) 53596

of gastrointestinal dis., case report (Fr) 9044

of genesis of Moses 8414

8415

of Gustav Mahler's life & music 44221

of hallucinations 40156

of hallucinatory experiences in schizophrenia 4599

of hetero- & homosexual fantasies underlying hysterical motor disord. in a 5-year old girl (Sp) 21237

of homosexual urges in schizophrenia 44223

of homosexuality in an identical twin 44228

of household appliances as symbols 20841

of hypnagogic hallucination representing early infantile memory 53636

of hypochondriac states 4279

of impostors 8411

of impostors in relation to artists 44250

of mourning for death of relative on child behavior & learning (Sp) 21236

of number 4 20835

of over-differentiation & under-individuation of self 20848

of pedophiliac perversion, case report 50282

of peptic & pseudo-peptic ulcer 4275

of periodicity in opening & closing oneself (Ger) 53602

of persons who think themselves Christ 8405

of phys. nucleus of defense reactions 4270

of positive feelings between a schizophrenic & his mother 50040

of psychosomatic dis., problems of concept & definition (Ger) 53599

of relation of postpartum resp. experiences to pregenital mastery in asthmatics 4287

of relation of tickling to stuttering 20849

of Shaw's childhood based on Pygmalion 44251

of skeletal motility 4294

of superego, introjected mother & energy discharge in schizophrenia before & after prefrontal lobotomy 4600

of ulcerative colitis (Sp) 44583

of vicissitudes of superego funct. & precursors in child. 44242

of visual problem in reading disability 44247

of withdrawal of love in neuroses (Ger) 8374

## PSYCHOANALYTIC THEORY

anality, relation to self-image & fear of dying 50383

application of learning theory to psychoanalytic theory 17160

application to validity of Blacky test 41358

castration complex, relation to magic 4285

concept of mind-body unity 43165

counter-transference, meanings of concept (Sp) 44581

early auditory experiences, beating fantasies & primal scene 44248

eff. of English philosophical writings on Freud's theories 40154

eff. of psychoanalytic terminol. on language of modern creative writing 41087

Freud's concepts, application to prev. med. (Rus) 21927

Freud's concepts, relation to Malinowski's sociol. ideas 8407

Freud's concepts, review (Pol) 30912

Freud's death instinct, application of 3d law of thermodynamics 40153

Freudian theory, application to psychiatry 37574

funct. of words & their meaning in the psychoanalytic situation 40161

grandparent synd. 53635

Jung's theory of symbolism as applied to ment. patients (It) 44354

Myrrha complex (Ger) 4139

narcissism (Fr) 9041

narcissism, super-ego in (Ger) 8375

narcissistic defenses during progn. 8410

Oedipus complex, eff. of maternal narcissism 4282

Oedipus complex in deteriorated schizophrenia 4381

Oedipus complex, relation to King Oedipus (Fr) 15822

Oedipus complex, relation to soc. science & utopian myths 8406

of adolescence 44238

14240

4278

of aggression, its genetic derivations, sublimation & neutralization

of anorexia nervosa, review (Ger) 44193

of bisexuality in ego structure 4273

of character 4605

of child develop., as contrasted with psychobiol. as part of pediatrics (Ger) 19412

of child's tie to his mother 40157

of consciousness, application to perception research 50280

of delusion, review (Fr) 44648

of ego & id in anxiety 44236

of ego & superego develop. 4272

of ego autonomy 4601

of ego distortion 4304 4306 4308 4309

of ego distortion, as-if & pseudo as-if 4307

of ego in modern thought 20855

of ego reintegration in late adolescents 4289

of ego-relatedness & id-relationship in ability to be alone (Ger) 20823

of ego's role in funct. of ideology 4293

of ego struggle against introjects 4291

of factors releasing acute psychoses (Ger) 44192

of incest barrier in family & in psychoanalytic transference 53633

of male defloration in relation to frenum preputii 15811

of moral masochism as a defense process 50041

of mutual adaptation in various object relationships 50038

of neurotic ego distortion 4303

4305

of object relationship in allergic patients 4274

of organic dis. (Ger) 53597

of origin of self 44224

of pain, fear & anxiety & their interrelation 44235

of psychoses in child. (Fr) 15655

of relation of ambiguity of imagery to repression 11657

of schizophrenia 20891

of schizophrenia, Jung's theory (Ger) 32272

of screen memory & myth form. in case of apparent precognition 4286

of self-understanding of man 24095

of superego develop. & pathol. in child. 4602

of the three areas of the mind 40155

of transference cure in psychoanalysis & psychother. 12612

pre-body-ego funct. 16757

prenatal influences on transference (Sp) 21244

pre-oedipal attachment to the mother 50035

preoedipal phase of males 4277

44243

psyche in modern med. (Ger) 16110

psychoanalytic child psychol., contribution of Ernst Kris to observation & prediction of child develop. 44233

psychophys. problem (Ger) 32271

research with method of short-range prediction & judgement 37583

review 50091

scientific aspects 44234

Sullivan's interpersonal theory (Ger) 3621

Sullivan's interpersonal theory in intensive psychother. 15558

transference problems 20854

## PSYCHOANALYTIC THERAPY

*see also* NARCOSYNTHESIS

(Dut) 7280

acting out of manifest dream content 53637

analytic orientation in non-analytic psychother. 73

associative anamnesis & sector ther. as psychoanalytically oriented approach 35398

changes in symbolic process changes during ther. 5460

clinical thought-reading during ther. 40159

comparison with psychother. 26430

conscious & unconscious noises made by patient during ther., interpretation & application 4276

countertransference in therapist, eff. on perception of his own & patients' behavior in psychother. 17183

delusional transference in 4282

dramatization of an epileptic seizure during psychoanalysis of a 13-year old girl (Sp) 21234

existential analysis, role in ther. of schizophrenia (Ger) 32264

existential group psychother. 47196

experiences of birth within the analytic situation 21245

Eysenck's theories, defense 37584

Eysenck's theories, opposition 37585

group focal conflict, group dynamic & psychoanalytic solutions 8395

group psychother., 3 levels leading to soc. participation, increased confidence & emotional insight 3387

image form. during free assoc. 53632

indic. (Ger) 40825

intuition in methodol. 8391

irrational trends as cultural correlates 8403

logother., based on existential analysis, Frankl's method 24092

logother., relation to existential analysis (Ger) 33839

lying & destruction of analyst as defense & transference, case report (Sp) 21241

methodol. of pooling case material 44058

nature & aims of treatment 40158

negative ther. reaction (Sp) 44585

of a 22-month old inf., case report (Sp) 21243

of adolescents 44055

of adolescents with & without sexual perversions 44237

of affect block, reduction in obsessive-schizoid woman, case report 34901

of alcoholics in hosp. (Sw) 9775

of borderline psychotic states in child. & adolescents 44239

of child & adolescents 44054

of child., develop. of insight & restructuration (Sp) 21232

of child. using element of trauma (Sp) 21231

of child., value, limitations & fallacies of initial diag. interviews 44057

of exam. neurosis (Sp) 44584

of 4-year-old girl suffering from trauma of witnessing father murdering mother, case report 44245

of gifted adolescents, contribution of Ernst Kris 44231

of identical twins 44056

of infantile deprivation & arrested ego develop. 53634

of psychopathic behavior (Ger) 44194

of psychoses, direct analysis 40725

of psychoses, review (Fr) 44649

of psychoses, transference & termination of ther. (Fr) 9042

of psychosis with so-called split personality, case report 40160

of schizophrenia (Ger) 43110

of schizophrenia, countertransference factor 17789

of schizophrenia, doctor-patient relationship (Fr) 15659

of schizophrenia, Jung's theory (Ger) 32272

of schizophrenia, preanalytic prep. for ther. process 8397

performance of therapist in initial interview, comparison with client-centered therapist 17159

philosophical & moral values derived from ther. (Fr) 9043

process of patients' inference in 4281

psychoanalysts as expert observers of ther. process 17180

reaction of therapists to patients 15824

receptivity of schizophrenic patient for unconscious processes in psychotherapist (Ger) 20822

regression during analysis, technical aspects 4603

relation to literature 20856

role of soc. cond. in modern trends, comparison of European concepts with other civilizations (Fr) 24094

simultaneous psychoanalysis of father & son, case report (Sp) 21240

simultaneous psychoanalysis of twin brothers aged 9, case report (Sp) 21233

technic & analyst's unconscious masochism 53638

transference & resist., phenomena, exper. study 4919

transference cure 12612

transference, eff. of psychophysiol. research 4597

transference, technical aspects 4604

variations in classical technic 4295

4301

4302

variations in technic 4296 4297 4298 4299 4300

*PSYCHODRAMA see* PROJECTIVE TECHNIQUES

## PSYCHOLOGICAL TESTS

*see also* PROJECTIVE TECHNIQUES

ACE exam., personality correlates of Q-L differentials 17125

achievement motivation, correlation between Edwards' & McClelland's measures 17167

anxiety scales, correlation with measures of constriction 40713

authoritarianism & parental attitude tests, acquiescence & extremes set components 53619

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

Barker, Dembo & Lewin frustration-regression study, reinterpretation 26578

Chiappo's Noetical Perceptive Test of perception & intellectual efficiency of aged (It) 27620

Children's Visual Achievement Forms as means of predicting intelligence level of first-grade school child., evaluation 12459

Columbia Ment. Maturity Scale, reliability for kindergarten child. 40718

combination of anxiety & hostility items on single scale, eff. on self-description 4910

comprehensive exam. of child, attending special schools (Cz) 48641

continuous performance test, eff. of chlorpromazine & secobarbital 50911

correlation coefficient, value (Dut) 29986

correlation of psychometric data & behavior patterns in child, case report 3197

diag. conceptualization in psychol. testing, eff. of 4 types of data 50099

drawing rotation test in brain damage, canonical variate analysis 17119

Edwards Personal Preference Schedule, comparison with Thematic Apperception Test 40760

Edwards' personality preference schedule, soc. desirability factor 17117

Edwards Personal Preference Schedule, validity in measurement of dependency-rebelliousness 4906

Edwards Personal Preference Schedule, validity study of autonomy & deference subscales 40748

eff. of chlorpromazine, electroshock & insulin shock ther. of schizophrenia on test performances, comparison 17756

F scale of authoritarianism, components of variance related to acquiescence & content 20862

F scale of authoritarianism, relation to verbal ability & response set 50108

French achievement motivation scores & Taylor manifest anxiety scores, failure to demonstrate relation 40749

General Classif. Test., relation of score to status of dent. health of naval recruits 23322

Gesell tests in Ugandan child. of westernized wealthy families (Fr) 27094

Gordon personal profile, behavioral validity 17189

Graham behavior test in newborn, interscorer agreement 51051

H-T-P intelligence quotient scores, eff. of formal art train. on quantitative scores 40714

Hosp. Adjustment Scale for ment. patients, eff. of length of observation & level of adjustment on reliability 40706

in child guidance clinic 19096

in determ. of primary reading instruction success in school child. (Dut) 29983

in ther. control in schizophrenia, value (It) 42609

individual movement cards, perceptual aspects 49772

intelligence measurement by Rotter's construct of behavior potential 4915

intelligence scores of bilingual & monolingual native-born Jewish preschool child. of traditional parentage 40722

intelligence scores of juvenile delinquents 40724

intelligence test, Binet-Simon, Stanford revision, criticism of Italian edition (It) 32164

intelligence test correlates of Shipley-Hartford performance 4914

intelligence test performance, eff. of brain inj. 17129

intelligence test, revised Stanford-Binet scale, form L vocabulary, reevaluation as IQ test for kindergarten & primary school child. 17357

intelligence test score, relation to refractive state of eye 47078

intelligence test, Stanford-Binet & Colored Raven Progressive Matrices IQs for child. of low socioecon. status, comparison 40755

intelligence test, Terman-Merrill IQ's changes in ment. retarded child. 604

intelligence test using the Rorschach, vocabulary as a variable 17164

intelligence tests, correlation with phys., ment. & achievement measures in low, average & high intelligence child. 46973

intelligence tests in school child. (Fr) 54603

Krout & Tabin Personal Preference Scale, adequacy of standard. group 40719

Leary Interpersonal Check List, reliability 4912

Leiter Internat. Performance Scale, 1948 revision, reliability 17175

M-B Hist. Record, 8 item clusters 40703

Minnesota Teacher Attitude Inventory in minority group, school, indirect validation as test of pupil-directedness 17341

MMPI, comparability of card & booklet forms for psychiatric patients 4909

MMPI content categories 40709

MMPI, correlation with Q-L variability in male college students 17186

MMPI, eff. of age & sex on profile peak distributions in an abnormal population 17143

MMPI, effectiveness of individual scales in diag. group differentiation 40751

MMPI measurement of masculinity & femininity, comparison of MF scale & index 40710

MMPI measurement of psychol. changes induced by mescaline 24629

MMPI profile patterns, eff. of ideal self instructions & relation to clin. improvement 40753

MMPI, psychasthenic & hypomanic scales, relation to uncertainty in judgments 4908

MMPI scale measuring severity of psychopathol. 40713

MMPI scores, eff. of stress 40708

MMPI scores in cerebral palsy 17145

MMPI scores of veterans with organic & psychiatric disord. 17169

MMPI, Spearman correlations of college students & their parents 17144

MMPI, 2 new exper. scales 17170

MMPI, validity of objective MMPI 17142

modified word learning test, diag. & predictive accuracy in psychiatric patients over 65-years old 50840

Morf test of schizophrenic thinking (It) 44351

multidimensional rating scale for psychiatric patients, & hosp. adjustment scale, comparative evaluation & reliability for ment. patients 17146

multiple-choice supraordinality test 4918

multiple-choice test, errors & reaction time of sensory motor eff. of reversal of sleep pattern (Fr) 48901

need achievement measures, interrelations 40750

neurotic sympt. clusters & trait clusters 17738

new test for residual ment. ability in senile dementia 17744

of applicants for drivers' licenses (Sw) 45331

of drivers in auto accid. 24645

of identical twins disordant for closed head inj. 24087

of indust. workers, correlation with work efficiency ratings (It) 51657

of occup. maladjustment (It) 44344

of schizophrenic adolescents (Fr) 11247

of schizophrenic child. (It) 9770

Ohio Literacy test, Wechsler Bellevue intelligence quotient & grade achieved in school, correlation 40720

parental attitude research instrument, norms & factor analysis 17134

parental attitude research instrument scores of mothers of schizophrenics 17171

Parental Authority-Love tests, technic for child. to evaluate both parents 40761

perceptual reaction test, deviant responses as indicators of immaturity & schizophrenia 17193

Personal Friends Questionnaire in measurement of intolerance of ambiguity 26084

personality inventory items, eff. of age on responses 40752

personality rigidity scale, test & scale correlates 17187

personality tests, confirmation of objective test factors & assessment of their relation to questionnaire factors 17731

personality tests, eff. of lysergic acid diethylamide 50856

personality tests, 2d-order factors 17168

problems in research referents 28643

Raven's progressive matrices test, review 17355

Raven's Progressive Matrices, types of wrong answers chosen by aphasic cerebral palsied child. 40723

response sets, types 17154

reversible figure tests of ment. defectives 50104

review (Pol) 30910

rigidity factors in testing of middle-aged subjects 40887

role construct repertory tests, representative elements 17172

self-concept discrepancy & instability tests, comparison of 6 tests 17118

self-concept scale for child., relation to child. form of manifest anxiety scale 26574

self-description, eff. of combination of anxiety & hostility items on single scale 4910

self-report, correlation with observer's report 17358

semantic differential technic in evaluation of identification 17153

Sixteen Personality Factor Questionnaire, scores of alcoholics 4911

social desirability & self-ratings intakes, patients in ther. & controls 17184

SRB-test, differentiating capacity between brain-injured & idiopathic ment. defectives 35430

stylus maze performance of chronic schizophrenics, eff. of chlorpromazine 17191

Taylor Manifest Anxiety Scale (Cz) 38348

Taylor manifest anxiety scale, correlation with ACE exam. 17148

Taylor manifest anxiety scale, correlation with clin. measures of anxiety & with Welsh anxiety index 17173

Taylor manifest anxiety scale, identification of item factor patterns 17131

Taylor Manifest Anxiety Scale, time score as criterion measure 40711

test anxiety questionnaire, scoring norms for non-college population 50107

test anxiety questionnaires 17150

Trail Making Test as screening device for detection of brain damage 40756

tsedek test in tics in child. (It) 27676

tsedek test of morality of normal subjects & criminal psychopaths (It) 8630

types & indic. (Fr) 29186

verbal ability measures, correlation with extraversion & neuroticism scores 40754

WAIS, Droppelt's short form, evaluation 42142

WAIS factor analysis in subtests (Rus) 52546

WAIS scatter in Amer. Jews 17359

WAIS vocabulary subtest, inference of intellectual efficiency 4916

Wechsler-Bellevue, eff. of dysphasia & spatial distortion on test results 23412

Wechsler-Bellevue I test, Hewson ration, validity in diag. of brain damage 17128

Wechsler-Bellevue scale in behavior disord. in adolescents (It) 44350

Wechsler-Bellevue scale in alcoholism (It) 8620

Wechsler-Bellevue scales, mathematical correlation of abbreviated & full forms 40740

Wechsler-Bellevue scatter as index of schizophrenia 17127

Wechsler Memory Scale, comparison of alternate scale forms 40721

Wechsler memory scale, diag. & predictive accuracy in psychiatric patients over 65-years old 50839

Wechsler's Similarities subtest, not alike response 40758

weighted Q sort for determ. of emotional disturbance & personality change 17139

Wiersma-Bourdon dot test in aviators 12039

WISC, abbreviated for use with educable ment. retarded child. 24467

WISC, comparison with Arthur adaptation of Leiter internat. performance scale in ment. defectives 605

WISC, comparison with Bender-Gestalt 4917

word-assoc. test of emotional disturbances in older women 17373

Yacorzynski block technic in brain damage, cross-validation 17120

Zulliger test, correlation with Rorschach test & diag. value (It) 54270

Zulliger test, eff. of exam. cond. on perceptive structure, comparison with Rorschach test (It) 54272


## PSYCHOLOGICAL WARFARE

*see also* PROPAGANDA


brainwashing & menticide as methods of conscious & unconscious thought control, psychoanalytic interpretation 8404

indoctrination or brain-washing of Amer. prisoners of war in No. Korea (Ger) 20826


## PSYCHOLOGY

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

*see also* BEHAVIOR

*see also* CHILD PSYCHOLOGY

*see also* LEARNING

*see also* PARAPSYCHOLOGY

*see also* PERSONALITY


aviation psychol. in train. of flight surgeons (Fr) 40155 51485

clin. diag. problems, contribution of exper. psychol. (Cz) 38349

clin., progr. during 20th century in France (Fr) 22463

clin. psychol. in rehabil. of ment. patients, problems (Cz) 48646

clin. psychol., review 47151

clin. psychologist's interview with patients in state ment. hosp., methods & soc. factors in communication 49387

clin. psychologists' level of train., eff. on accuracy of diag. in projective tests 41356

construct form. in science & religion & a scientific approach to the transcendent self 28037

contribution of Ferdinando Cazzamalli 40864

contribution of Cervantes (Sp) 2950

contribution of Freud to integration of psychol. with sociol. 31543

contribution of Herbert S. Langfeld 31555

contribution of López Ibor (Por) 28090

cues assoc. with accurate & inaccurate interview impressions 31549

eff. of psychodynamic state on oropharyngeal bact. 8427

in Habad Hasidism 39817

in military aviation med. (Ger) 10909

in Poland, review (Ger) 46187

information theory, symmetric uncertainty analysis, mathematical formulae 8417

logic & scientific method in psychol. 44222

methodol. in longitudinal research, application (Ger) 33551

methodol. problems in longitudinal research in human develop. 33550

methodol., role of assumptive & philosophic operations 17338

multiple comparisons in psychol. research 53642


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

of anti-Semitism, Freudian & other interpretations 53616

of automobile driving & hot-rods of adolescent males 6383

of communication in business, communication clinic approach to problems 40861

of fear of death 14354

of identification of readers with characters in literature, application to psychother. 8381

of imagination 9617

of nonsexual significance of simple geometric symbols 40859

of novels & F. Scott Fitzgerald 8388

of psychosocial structures, mathematical formulae (Fr) 25105

of religious symbolism 28029 28030 28031 28033 28034 20832

of voting based on ethnic & party affiliations of candidates 37981

of women voters, political behavior, emotional aspects 3770

opinions of psychologists on ment. health problems, comparison with psychiatrists' opinions 17137

psychobiol. & psychopharmacol., psychiatric basis (Rus) 34758

psychobiol., psychopharmacol. & psychiatric aspects 16356

psychol. & psychophysiol. in Russia 21717

psychol. consultation, effective use for evaluation of intelligence & personality 763

psychologist's intuitive approach (Dut) 49987

psychologist's relationship with psychiatrist (Dut) 29984

psychophys. problem (Ger) 32271

psychotechnics, application in indust. management & labor relations (Fr) 8366

psychotechnics, progr. (Por) 16474

psychotechnics, soc. aspects (It) 44362

rapport as outmoded concept 19071

research effect-centered & condition-centered 37988

research on creative thinking & imagination, set theory models 40862

research on criticism & appreciation, set theory models 40863

role of ethics in 12627

situational approach opposed by objective method (Dut) 52542

statement of Pope Pius XII on human personality in exper. psychol. (Sp) 18815

statist. methods in scientific psychol. (Dut) 52544

statist. myth in scientific psychol. (Dut) 52543

University of Wichita psychol. laboratories 791

***apparatus and instruments***

appar. for presentation of stimuli & measurement of response times in reaction time exper. 17349

***education***

in med. & surg. nursing curricula 40017

psychopharmacol. laboratory exercise for med. students 17685

## PSYCHOMETRICS

change frequency in matching problems when success or failure is reported after each matching operation 17152

derivation of subjective scales from just noticeable differences 8420

discrepancies between factor analysis & multivariate discrimination among groups, application to personality theory 17737

intraclass correlation & factor analytic technics for determ. of groups of profiles 53643

mathematical formulae for symmetric uncertainty analysis in information theory 8417

Wilson distribution-free test of analysis of variance hypotheses 20863

*PSYCHONEUROSES* *see* NEUROSES

*PSYCHOPATHIC BEHAVIOR DISORDERS* *see* PERSONALITY, PATHOLOGICAL

## PSYCHOSES

*see also* DELIRIUM

*see also* DELUSIONS

*see also* HALLUCINATIONS

*see also* INSANITY

*see also* PARANOIA

*see also* SCHIZOPHRENIA

*see also* SELF-MUTILATION

De Clérambault's erotomania (Fr) 996

diag. & ther. by psychopharmaceutic drugs, evaluation 764

differentiation of schizophreniform psychoses from schizophrenia & genetics 24075

folie à deux, case reports & clin. & psychopathol. aspects (It) 54277

form change (Ger) 42335

funct., organization factor explanatory principle 11658

in tuberculotics, management in ment. hosp. 5372

postop. (Ger) 42341

prod. of clin. picture by pathophysiol. changes & psychodynamic data, methodol. aspects 761

reactive, classif., etiol. & ther. (Fr) 49230

recur., diag. & ther. (Ger) 26999

syphilitic, develop., diag. & incidence in U. S. 12324

***blood in***

eff. of plasma from psychotic patients on performance of trained rats 11651

proteins in exogenous traum. & endogenous psychoses, eff. of chlorpromazine, reserpine & tofranil (Ger) 25369

***case reports***

alternating with recur. urticaria 20873

atypical periodic psychoses in mother & 2 daughters (Cz) 48648

confusional states in twins (It) 27660

in idiopathic hypoparathyroidism 586

Myrrha complex (Ger) 4139

psychotic episode following a dream 53639

reactive psychosis caused by surg. of phimosis & toxinfect. confusional state (It) 32168

***differential diagnosis***

organic brain synd. simulating funct. psychoses, case report 3194

***epidemiology***

in Indonesia (Dut) 6331

***etiology and pathogenesis***

15825

anginas in child. & adolescents (Rus) 34794

Asian influenza 14673

Asian influenza, case reports (Por) 40221

bacillary dysentery in child. & adolescents (Rus) 34793

bilateral occlusion of carotid arteries 52145

cerebral arteriosclerosis, ther., reserpine 20833

cranial inj., clin. aspects (It) 29571

drug withdrawal (Ger) 43112

epidemic encephalitis causing recur. psychoses, physiol. & psychol. factors (Rus) 34706

epilepsy, ther., promazine (It) 31697

epilepsy, ther., reserpine with methylphenidylacetate 15560

eunuchoidism (Ger) 25372

hypertension, reserpine ther. (Rus) 46314

influenza, in 1957-58 epidemic (Ger) 25383

origin of psychoses, 19th century dissertation (Rus) 46350

precipitating factors, psychoanalytic interpretation (Ger) 44102

rheum. fever, fatal case (Cz) 2741

seq. of detainment, expert testimony (Ger) 43111

***experimental***

alarm reaction induction by electric stimulation of central portion of sciatic nerve in rabbits, influence on alkaline reserve & blood electrolyte balance (Fr) 26764

eff. of adenylpyrophosphate, cytochrome c, sodium cyanide & vitamin C on brain metab. in rabbits under narcosis (Fr) 15109

model psychoses, hist. & limitations 47169

***in infant and child***

classif., progn. & ther. (Ger) 9521

ego ther. of parents of psychotic child. 24593

nature, diag. & ther. (Fr) 51506

psychoanalytic interpretation (Fr) 15655

reactive psychoses, manifest. (Ger) 34136

Smiths Hosp., Henley-on-Thames, England, for psychotic defective child. 18472

***in pregnancy***

with puerperal infect. & femoral thrombophlebitis, case report (Pol) 27593

***manifestations***

aborm. EEG in funct. psychoses 3193

early sympt. in GP 42107

mimic expression of hands (It) 27672

trademark funct. of sympt. in a ment. hosp. 41198

ultraviolet erythemic response & histamine pathergometry in schizophrenia, paraphrenias & schizoform involutional psychoses (Cz) 48641

***physiology***

autonomic NS, seasonal variations (Pol) 38108

biochem. (Ger) 27004

capillary resist. (Fr) 26989

endogenous, comparison with psychotropic eff. of lysergic acid diethylamide (Ger) 26987

exam. of excretion products with spider test (Ger) 27008

pathophysiol. 26983

***psychology***

abosognosia (Ger) 52558

déjà vue phenomenon, caused by interference of eidetic images & objects 15818

eff. of chlorpromazine on learning in chronic psychotics 17190

folie à trois, psychopathol. (Fr) 48415

progn. value of various behavioral variables 17115

projective test results of a case of folie à deux in 50-year old twin brothers 17114

psychodynamics & transference & countertransference in termination of ther. (Fr) 9042

relation of insight to progn. 4920

relation of premorbid personality structure to psychoses (Ger) 52557

Rorschach responses of psychotics, eff. of unshaded bright colors on form-color response balance 41351

soc. isolation factors (Ger) 53626

structural theory (Ger) 32276

tree-drawing test of child & adolescents, IQ correlates (It) 27655

***therapy***

Belenkii's serum (Rus) 21894

benactyzine 50169

2-chloro-10-(1-β-acetoxyethyl-4-piperazinyl)propyl-phenothiazine 52135

chlorpromazine & N'-n-butyl-N''-o-anisyl-urea 17741

chlorpromazine combined with reserpine & 10-(2-dimethylamino-1-methylethyl)-phenothiazine (Ger) 32963

chlorpromazine in disturbed psychotic patients, prognostic value of autonomic responses 17736

chlorpromazine, psychopathol. eff. & physiol. eff. on various organs (It) 32158

cyclizine in chronic psychoses 50855

deserpidine 769

9,10-dimethoxy-3-isobutyl-2-oxo-1,2,3,4,6,7-hexahydro-11bH-benzo(a)quinolizine (Ger) 26994

3-(N,N-dimethylsulfonamido-)10-(1-methyl-4-piperazinyl)propyl-phenothiazine in chronic psychoses 28552

direct analysis, technic 40725

drug ther. (Ger) 54373

electrother., based on electronically determined brain measurements 16570

iproniazid 17721

iproniazid (Nor) 43251

iproniazid (Sp) 18853

iproniazid in psychoses with akinesia 34837

liothyronine in psychoses in adult cretin, case report 24634

mepazine, statist. follow-up 47177

meprobamate 7448

meprobamate with benactyzine 770

mescaline, psychodynamic eff. 765

10-(1-methyl-4-piperazinyl)propyl-phenothiazine (Ger) 25388

organic ther. (Ger) 46018

perphenazine 12618 15561

perphenazine in severe psychoses (Fr) 46619

prochlorperazine & chlorpromazine in chronic psychoses, comparison 50849

prochlorperazine in chronic psychoses 50850

promazine 17053

promazine (Ger) 7379

promazine in chronic psychoses 5448

promazine, ther. of chronic psychoses in hospitalized patients 50447

psychoanalytic ther. of borderline states in child. & adolescents 44239

psychoanalytic ther., review (Fr) 44649

psychodrama (Fr) 15660

psychother., evaluation (Ger) 33860

psychother., principles (Fr) 15657

reserpine (Bul) 45306

reserpine, chlorpromazine & N-(3-dimethylaminopropyl)-o-iminodibenzyl, eff. on blood proteins (Ger) 27016

reserpine, recovery & recur., case reports (Fr) 38140

review (Rus) 34680

total Rauwolfia alkaloids, lack of tox. of prep. 5504

tranquilizing agents in dangerous psychotics, favorable eff. (Sw) 52739

triflupromazine 12603 17757 47180 47183 50851

triflupromazine, comparison with chlorpromazine 772

***urine in***

indoles, chromatography 17786

limitation of lab tests for detection of toxic substances (Cz) 38344

## PSYCHOSES, ALCOHOLIC

*see also* ALCOHOLISM

*see also* KORSAKOFF'S SYNDROME

delirium tremens, clin. manifest. & ther. (Ger) 39005

delirium tremens, phenomenol., pathogen. & ther., review (It) 42630

delirium tremens, symptomatol. & ther. (Dut) 7335

***case reports***

delirium tremens with auditory hallucinations 18076

***manifestations***

delirium tremens, clin. aspects (Ser) 32610

delirium tremens, eye movements, photographic registration (Fr) 27029

***pathology***

delirium tremens, neurol. aspects (Fr) 9153

mammillary bodies 19802

***statistics***

(Sw) 33948

***therapy***

ACTH cure of delirium tremens (Fr) 46610

amino acid mixture-vitamin prep. (Fr) 10560

5-(β-chloroethyl)-4-methyl-m-thiazole in delirium tremens, sedative eff. (Fr) 37921

hydroxydione succinate in delirium tremens (Sw) 22129



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

meprobamate in delirium tremens, parenteral admin. (Fr) 37922
perphenazine & reserpine, comparisons 38031
3-piperidinoethyl-2-carboxylic acid hexanone-1-benzyl ester in delirium tremens (Ger) 55382
reserpine, statist. (Pol) 30764
thiopental, intramusc., prev. & ther. of delirium tremens (Fr) 47320
vitamin B6 (Fr) 32405

**PSYCHOSES, INVOLUTIONAL**
Serko-Halberstadt involutional paraphrenia, review & case report (It) 7739

**PSYCHOSES, MANIC-DEPRESSIVE**
develop. of endogenous depressive phases caused by situational changes (Ger) 25394
etiol. & ther. (Fr) 49230

***blood in***
oxidative activity, determ. by modified Akerfeldt test 11636

***manifestations***
clin. manifest. of manic-depressive equivalents 19834
EEG & ventriculography (Fr) 36116

***physiology***
adrenal cortex hormones & ACTH in mania & melancholia, biochem. (Fr) 21342
relation between glucose tolerance, body weight & clin. state of melancholia 50836

***psychology***
MMPI hypomanic scales, relation to uncertainty in judgments 4908

***therapy***
iproniazid in depressive psychoses in female, statist. results 15577
levomepromazine (Fr) 1003
mania, statist. (Fr) 21341
perphenazine in manic & pseudomanic synd. (Ger) 45401
procaine (Cz) 38352
reserpine, eff. on duration of manic attacks 41221
review (Fr) 21340

***urine in***
catechol amines, sodium & potassium excretion, changes during manic & depressive phases 17735
17-ketosteroids (Bul) 16409

**PSYCHOSES, PRESENILE**

***case reports***
Alzheimer's dis., diag. during life (Pol) 53177
Pick's dis. 51527
Pick's dis. with epilepsy (It) 32115

***diagnosis***
clin. diag. of Pick's dis. 50829
EEG 5498

***differential diagnosis***
Alzheimer's dis. from senile dementia, histol. findings (Fr) 20828

***manifestations***
Alzheimer's dis., clin. aspects & EEG 5497
delusions, obsessions & melancholia as preliminary stages (Fr) 48413

***pathology***
circumscribed cerebral atrophy in Alzheimer's dis. (Ger) 39034
Pick's dis. with tentorial impression (Ger) 20831

***therapy***
peyote alkaloids (Fr) 15959

**PSYCHOSES, SENILE**
(Dan) 18581
41956
(It) 42588
clin. & psychopathol. aspects (It) 25638
hip fract. in aged psychotic patients, ther. indic., compl. & mortal. rate 16002
med. admission ward for old patients in psychiatric hosp., evaluation 3779
psychopathol. & sympt., review (Ger) 32266
self-government in hosp. geriatric ward 4431
senile amnestic synd., relation to senescent memory decline 12601

***case reports***
early senile dementia in 50-year old mongoloid 49616

***cerebrospinal fluid in***
(It) 44357

***complications***
congestive heart failure, acetazolamide ther. (Ger) 22745
paresis, anatomoclin. aspects (It) 27671

***differential diagnosis***
Alzheimer's dis., histol. findings (Fr) 20828

***etiology and pathogenesis***
myxedema, case report 16574
occlusion of internal carotid artery in neck 774
premature, in mongolism (Ger) 15839

***manifestations***
35896
EEG, statist. 27318

***psychology***
new test for residual ment. ability in senile dementia 17744
psychiatric evaluation of geriatric patients on outpatient basis 4440
psychic structures (Hun) 4135

***therapy***
azacyclonol, double-blind, controlled study 4433
endogenous, ther. problems (Ger) 42364
paranoid mechanisms, management 31548
reserpine 20833

**PSYCHOSES, TOXIC**
*see also* **PSYCHOSES, ALCOHOLIC**

***etiology and pathogenesis***
ACTH & cortisone (Rus) 28804
allylbarbituric acid-aminopyrine-caffeine prep. (It) 32169
atropine eye-drops in retinal detachment ther. 26129
benactyzin, case report 24084
benactyzine-induced psychosis in man (Cz) 48643
1-bicyclo-2,2,1(hept-5-en-2-yl)-1-phenyl-3-piperidino-propanol in ther. of paralysis agitans (Ger) 3258
bromide pois. simulating other organic brain synd., case report 3186
cycloserine ther. of pulm. tuberc. (Fr) 987
disulfiram ther. of alcoholism, case report (Fr) 36138
4,4-ethylmethylglutarimide in ther. of pois. by sedative (Ger) 42941
indole deriv. (Ger) 27003
isoniazid ther. of tuberc. & silicotuberc. (Ger) 25391
lidocaine, case report 2041
prochlorperazine causing confusional state in mild manic-depressive patient, EEG & clin. manifest. (Fr) 47457
scopolamine 15559
sulfamethoxypyridazine 40088
radioiodine ther. of hyperthyroidism causing acute transitory psychotic reaction 47185
thorium-X (Ger) 53628
trichloroethylene addict. with pois. (Dut) 52535
Trichodesma incanum (Rus) 34716

***experimental***
Cannabis sativa intoxication as research tool in model psychoses 50828
eff. of chlorpromazine & 10-(N-piperazinyl-carboxyl)phenothiazine on disord. of body fluid balance & brain metab. induced by lysergic acid diethylamide in rabbits (Fr) 26818
eff. of succinic acid & lysergic acid diethylamide distribution in brain & other tissue after intraperitoneal inject. in mouse (Ger) 32681
induced by adrenochrome, chem. & pathol. aspects (It) 32146
induced with lysergic acid diethylamide in man, comparison with schizophrenia 31784
induction by chronic lysergic acid diethylamide pois. in rabbits, prev. of cerebral metab. changes with adenylpyrophosphate & vitamin C (Fr) 26662
lysergic acid diethylamide-induced determ. of concentration of attention, square test (Cz) 14867
lysergic acid diethylamide-induced sympt. alleviation in response to psychother., research findings 11659
model psychoses based on adrenochrome hypothesis 50912

**PSYCHOSOMATIC DISEASES**
(Indonesian) 6339
(Ser) 51718
application of psychosomatic concepts by liaison psychiatrist on med. wards of hosp. 28499
arrangement of psychosomatic ward (Ger) 33855
basic mechanism 19982
comparison of psychosomatic & somatopsychic disord. 51597
concepts (Fr) 9090
concept of psychosomatic disord. (Hun) 16273
concept, relation of psychogenic & organic factors (Ger) 32280
contribution of Georg Ernst Stahl (Ger) 27574
etiol. & ther. 2538
iatrogenic dis. 49829
in obsessive-compulsive personalities (Por) 28082
interpretation (Ger) 23878
methodol. of psychosomatic med. 44059
organ selection & mechanism of arachnoid mediation 39371
39372
psychoanalytic interpretation (Ger) 53597
psychodynamic eff. of conflict situations, review (Ger) 55571
psychol. med. in GP & its importance 2171
psychophys. problem (Ger) 32271
psychosomatic hyg. & prophylaxis (Ger) 39956
psychosomatic med. (It) 20978
psychosomatic med. in U.S., review (Ger) 44204
psychosomatic med., integration of religious & med. concepts in patient treatment 5225
psychosomatic patients as soc. adjusted neurotics (Dut) 43049
psychosomatic research, problems in methodol. 47514
referral of psychosomatic patients to psychiatric specialist 27513
relation of loss of loved ones or object loss & depression to onset of psychosomatic dis. 8423
relation of organic & funct. disord. & psyche to soma (Ger) 39940
review (Nor) 52736
significance of psychogenic sympt. 53272
sympt. management of nerv. patient by physician without med. or surg. ther. 29752
use of monozygous twin cases in study of psychosomatic concepts 46065

***diagnosis***
Rorschach test, exam. of specificity (Dut) 29980

***etiology and pathogenesis***
attitude hypothesis, specificity 44254
physiol. basis of etiol. 46689

***in infant and child***
(Ger) 49069
etiol. & case reports 45812
iatrogenic dis., definition 3165
nursing care 19997

***physiology***
limbic & neocortical systems of brain, contrasting funct. & application to psychosomatic med., review 12339

***psychology***
concept & definition, psychoanalytic interpretation (Ger) 53599
funct. synd., psychoanalytic interpretation (Ger) 53596
holistic approach to human personality 52771
objective personality inventory in psychosomatic research 44060
responses to sensory stimulation 20871

***therapy***
home care program 20008
new approach 41179
psychoanalytic ther., patients' resist. (Ger) 53598
psychother., indic. & contraindic. (Por) 50081

**PSYCHOSURGERY**
*see also* **NEUROSURGERY**
evaluation 17049
lobotomy, postop. psychophysiol. complaints & anxiety 46459
lobotomy, review 47153
topectomy, contribution of Gottlieb Burckhardt (Fr) 44718

***effects***
cortical undercutting on frontal & temporal lobes, localization of funct. & psychiatric eff. (Fr) 44746
prefrontal lobotomy 41216

***in various diseases***
frontal lobe synd., psychopathol. & pathophysiol. aspects, relation to body-soul parallelism (Ger) 36492
in palliative ther. of uterine cancer, indic. (Por) 23738
leucotomy in disturbed patients in psychiatric hosp., statist. 26444
lobotomy & partial hippocampal resection in psychomotor epilepsy (Ger) 33849
lobotomy in temporal epilepsy 23803
lobotomy, prefrontal, in schizophrenia, postop. superego, introjected mother & energy discharge, psychoanalytic interpretation 4800
lobotomy, ther. failure in behavior disord. & ment. defic. in child in postvaccinal encephalitis (Sp) 8882
paralysis agitans 43713
prefrontal lobotomy in pain 41215
schizophrenia & affective disord., retrospective controlled study of prefrontal lobotomy 50830
schizophrenia, differences in psychol. test results in immediate & remote postop. periods after topectomy 44978
schizophrenia, indic. & results of leucotomy (Por) 40218
schizophrenia, transorbital leucotomy (It) 42606
temporal lobectomy in psychomotor epilepsy, indic. & results studied by EEG (Fr) 27344

**PSYCHOTHERAPY**
*see also* **HYPNOSIS**
*see also* **PROJECTIVE TECHNIQUES**
*see also* **PSYCHOANALYTIC THERAPY**
*see also* **SHOCK THERAPY**
*see also* **TRANQUILIZING AGENTS**
adjuvant chlorpromazine 33844
adjuvant lysergic acid diethylamide 50905
adjuvant meprobamate in intensive psychother. 15576
autobiographical description of transference during psychotic phase (Ger) 35404
anthropol. aspects (Dut) 52540
as a learning process & intellectual & emotional factors in ther. change 47199
basic principles, practical aspects (Sw) 54485
behavior ther., technics & case report 9788
client-centered ther., eff. of client personality on success of ther. 17158

client-centered ther., eff. of initial in-therapy behavior on success & failure of ther. 17178

client-centered therapist's performance in initial interview, comparison with psychoanalytic therapist 17159

collaborative ther. of marital partners 43255

comparison with psychoanalysis 26430

compatibility of patient & therapist & characteristics of therapists responsible for discontinuation of ther. by patient 17181

concept of freedom in patients undergoing psychother. 47190

conditioning of hostile verbalizations in situation resembling clin. interview 40741

confrontation technic 47191

contribution of Yves Poursines (Fr) 29195

counseling interview & judgment of clinicians, eff. of voice of person being interviewed, content of interview statements & train. & experience of clinician 17174

countertransference in therapist, eff. on perception of his own & patients' behavior in psychother. 17183

determinants inducing persons to seek personal counseling 17163

doctor-patient communication in 8392

doctrine & experience of psychotherapists from various schools 40737

early termination by patient, reasons 40736

ego mastery in psychother. process 12628

ego ther. of parents of psychotic child. 24593

existential psychother. 44225

factor analysis of interview interaction behavior 40742

fate of psychiatric clinic outpatients assigned to psychother., statist. 28547

geriatric, review 50590

harmful passivity of therapists 20843

holistic approach to human personality in psychosomatic dis. 52771

in France (Pol) 30087

in GP 6554
17416
42166

in GP (Ger) 11022

in GP (Sp) 31870

in Gt. Brit., progr. 37575

in psychiatric hosp., eff. of double treatment 15815

indic. & contraindic. in various types of neuroses, psychosomatic dis., perversions & toxicomania (Por) 50081

instic. for prohibition of praying in (Ger) 11284

interpersonal behavior of child. in residential treatment 50092

irrational, appeal to unreason 12635

limitations (Ger) 16111

low-cost psychother. program in New Jersey 51895

measurement of suitability for psychother. 53609

medicine's values & goals in psychother. 20832

methods for structuring eclectic psychother. of client 40726

Morita method in neuroses (Ger) 8377

Morita theory (Ger) 55572

multiple psychother., efficient use of ther. & train. time 8384

multiple, review 8385

of adolescents 48425

of adolescents & adults, comparison 50903

of adolescents, role of family interaction in 8398

of aged 47194

of child., factor of personal contact (Ca) 14870

of child., role of prev. psychiatry in 12639

of criminals (Ger) 35399

of criminal psychopaths in Danish institute (Dan) 30218

of mother of son with encopresis & enuresis (Ger) 55574

of parents of problem child. 53614

patient's & psychiatrist's view of processes during ther. 28548

perpetuation of non-value 51893

personality determinants in drop-out from outpatient psychiatric treatment 11675

personality patterns of patients before & after application for psychother. 17161

philosophy 52764

prediction of length of stay in psychother. 17176

progr. (Dut) 52478

psychoanalytic orientation in non-analytic ther. 73

psychother. & graphother. of child. with school problems (Ger) 47648

psychotherapist's communication with teacher in treatment of severely disturbed child 51890

relation of behavior cues of examiner to verbal behavior of patients, research method 17185

relation of personality variables to continuation in psychother. 17113

relation to adjunctive means in psychiatry 12636

relation to ministry (Ger) 33836

remainer patient attributes, relation to subsequent improvement 40739

research, based on sympt. alleviation in lysergic acid psychosis 11659

role of patients' relatives in ther. programs 2659

role of structural CNS mechanisms in 759

semantics 12611

sequential dependencies in psychother. 50103

sociometry & psychodrama in (Ger) 23084

technic of abreaction by ether inhalation 24067

transference cure, explanation 12612

trial relation & transference funct., cure based on doctor-patient relation 49610

two-way radio conf. for postgraduate educ. 30179

various methods & funct. 12629

***in various diseases***

alcoholism 19886
46935

alcoholism & drug addict. (Ger) 43108

alcoholism, by motion picture films of alcoholic in action, shock value to alcoholic (Fr) 36119

alcoholism with lysergic acid diethylamide & mescaline adjuvants 8499

asthma 18810

behavior disord. in child, under 5 years (Sw) 54809

cancer 12633

cancer, in physicians (Sp) 46760

chronic leg ulcer, psycho-phys. ther. 42159

depression in aged, use of methylphenidylacetate as adjuvant 53606

drug addiction, institutional treatment of character disord. 24589

drug addiction with addicts as voluntary outpatients 24588

enuresis, with med. ther. (Dut) 52516

environmental ther. of chronic schizophrenics in a ment. hosp. ward 46714

epilepsy in child., review (Ger) 35573

frigidity, with testosterone propionate (Dan) 45498

irritable bowel 36837

massive gastric hemorrh. (Dut) 19730

ment. defic. child, educ. of psychiatrists in 53603

ment. defic., interdisciplinary program in institutions 46965

ment. disord. in aged 49777

neuroses (Ger) 49054

obesity (Fr) 15197

obesity (Ger) 29488

obesity, with diets (Ger) 49030

paper-eating in neurotic child, case report (Ger) 34138

peptic ulcer, methods & results in School of Digestive Pathol. of Sacred Heart Hosp. in Barcelona (Sp) 48746

phobias 47192

psychoses, evaluation (Ger) 33860

psychosomatic dis., patients' resist. (Ger) 53598

schizophrenia (Cz) 14871

schizophrenia, chronic 19076

schizophrenia, concept of environmental psychother. (It) 42607

schizophrenia, develop. of empathy in male patients 53613

schizophrenia in female, case report 20837

schizophrenia, misuse of sympathy 50861

schizophrenia, review 47168

socialization in ment. disord. 51887

verruca (Rus) 55211

PSYCHOTHERAPY, GROUP

(Por) 28083

as method in ward conferences with attendants as aid to patients' ward adjustments 8386

dynamic factor in group work with post-adolescents, eff. on role of leader 51894

existential group psychother. 47196

fairy tales as medium for psychother. (Ger) 4041

group-centered corrective ther. as motivational catalyst in geriatric program 40253

group focal conflict, psychoanalytic & group dynamic solutions 8395

group versus individual ther. (Ger) 51840

in med. & educ. (Heb) 3973

in med. & educ., review (Heb) 3967

in ment. hosp., difficulties & resist. (Sw) 10160

milieu ther., eff. on soc. organiz. in ward groups 50096

nurse as group psychotherapist 24483

of juvenile delinquents in a special pub. school 8382

of undergraduate college students, short-term analytic ther. 21984

origin in Vienna (Ger) 22890

re-enactment of marriage neurosis in group ther. 50902

psychoanalytic ther., 3 levels leading to soc. participation, increased confidence & emotional insight 3387

self-government of patients at Veterans' Admin. Hosp. in S. Dakota 2355

sociometry & psychodrama in (Ger) 23085

suicide occurring during group psychother. 47197

transactional analysis, new effective method 12634

value (Cz) 14866

with art ther. (Fr) 43950

workshop in self-understanding 12637

***in various diseases***

alcoholism, group management in hosp. 18749

asthma (Dut) 52534

endogenous obesity (Ger) 35401

epilepsy 5722

schizophrenia (Ger) 44191

schizophrenia, hosp. report (Ger) 33857

schizophrenia, in unselected hosp. groups 39164

schizophrenia, statist. 17732

schizophrenia, with regressive electroshock ther., comparison with chlorpromazine alone & with group psychother. 12597

PTERINS

***see also*** FOLIC ACID ANTAGONISTS

***see also*** XANTHOPTERIN

eye pteridines of Drosophila melanogaster, develop., sex specificity & phenogenetic autonomy (Ger) 34381

fluorescent pterin substances in eye of frog Rana nigromaculata (Fr) 26728

in blue-green alga Anacystis nidulans, isolation of new pteridine & identification as glucoside of 2-amino-4-hydroxy-6-(1',2'-dihydroxypropyl)pteridine 25414

pteridine quantity in eyes of heterozygous genotypes of Drosophila melanogaster, eff. of recessive sepia & white genes (Ger) 34382

***effects***

8-ribityl-6,7-dimethyllumazine on vitamin B2 synthesis by Clostridium acetobutylicum & E. coli neapolitanus 18164

***PTEROYLGLUTAMIC ACID see*** FOLIC ACID

PTERYGIUM

(Sp) 37352

***case reports***

congen., in adults (It) 36214

***complications***

Turner Synd. (Ger) 38880

***surgery***

conjunctival grafts (Fr) 13062

with postop. beta-radiother. 35859

PUBERTY

***see also*** ADOLESCENCE

delayed, familial, ther. & case reports (Fr) 32377

disord. in girls, diag. errors (Fr) 15184

determ. of puberty & prepuberty based on Chappaz vaginal test (Fr) 15165

eff. on etiol. & ther. of leukorrhea (Fr) 15169

emaciation in female at puberty, psychol. factors (Ger) 22744

heart & resp. funct. tests in determ. of performance range (Ger) 34107

hyg. & climatother. & thermal balneother. in puberty disord. (Fr) 15171

onset, eff. on postural defects (Ger) 49100

relation to dent. caries 13425

retardation of onset in female rats exposed to stress 23743

retarded, desoxyribonucleic acid content of spermatozoa & their antecedent cells during recovery of adolescent boys (It) 27363

retarded in girls, indic. for hormone ther. (Fr) 51470

retarded, with essential obesity in adolescent boys, fractionation of urinary 17-ketosteroids (It) 27364

***psychology***

determ. of sexual maturation by tree-drawing test (Ger) 34217

self-conceptions, motivations & interpersonal attitudes of early- & late-maturing girls 26577

thematic apperception test (Ger) 34195

***urine in***

FSH & ICSH in puberty of various types in young girls 40793

PUBERTY, PRECOCIOUS

***see also*** ADRENOGENITAL SYNDROME

(Hun) 52883

review (Dan) 43191

***etiology and pathogenesis***

diethylstilbesterol in hair lotion given 4 year old girl (Dut) 7330

***urine in***

estrogen, gonadotropin & 17-ketosteroid excretion in girls 1402

estrogens, ICSH, FSH & 17-ketosteroids (Sp) 8689

17-ketosteroids 1403
1404

***therapy***

hormones in girls, indic. (Fr) 51470

PUBIC BONE

***see also*** PUBIC SYMPHYSIS

osteitis (Sp) 53353

***diseases***

osteochondritis, ischio-pubic, case report (Hun) 29164

osteochondritis ischiopubica, case report (Fr) 54185

*fractures*

vertical unilateral of both rami ossis pubis with symphysiolysis, surg., recumbency technics (Pol) 30699

**PUBIC SYMPHYSIS**

separation, eff. of thiouracil & thyroid powder on degree of separation in pregn. mice 15598

separation in pregn., management (Dan) 10635

symphysiolysis in pregn., diag. & ther. (Cz) 38389

symphysiolysis, traum. with vertical unilateral fract. of both rami ossis pubis, surg., recumbency technics (Pol) 30699

traum. separation with bladder disord., case report (Fr) 18615

*anatomy and histology*

in human adults at various ages & in fetuses (It) 37414

*effect of drugs on*

relaxin-induced growth of pubic ligament in mice, enhancement by depot admin. 15611

*radiography*

age factor & individual variability (Rus) 47863

*surgery*

symphysiotomy, Zárate technics, case reports & indic. (Sp) 44531

**PUBLIC HEALTH**

*see also* **CHILD WELFARE**

*see also* **HEALTH EDUCATION**

*see also* **HEALTH INSURANCE**

*see also* **HYGIENE**

*see also* **INDUSTRIAL HYGIENE**

*see also* **MATERNAL WELFARE**

*see also* **MEDICINE, PREVENTIVE**

*see also* **MEDICINE, SOCIAL**

*see also* **NATIONAL HEALTH PROGRAMS**

*see also* **OCCUPATIONAL DISEASES**

*see also* **PUBLIC HEALTH NURSING**

*see also* **QUARANTINE**

*see also* **RURAL CONDITIONS**

*see also* **SANITATION**

*see also* **SCHOOL HEALTH**

*see also* **WORLD HEALTH ORGANIZATION**

admin. principles 20889

Amer. Pub. Health Assoc., report of Technical Development Board 47211

bibliog. (Fr) 1332

changing needs with changes in population patterns & program trends in U. S. 40346

chiropody in pub. health serv. 16752

chronic dis. laboratory in pub. health 44267

community as patient of pub. health with hist., exam. & laboratory tests 22167

community health serv. 47209

community health serv., experience with community health council questionnaire for practicing physicians 4483

community health serv., organiz. 47201

community planning for indigent disability 24649

contribution of Ivan I. Molleson (Rus) 21922

contribution of W. Piruski (Rus) 45257

contribution of Andrija Štampar 35835

cooperation between civilian & military health agencies 19147

cooperation of med. schools with pub. health institutions (Rus) 45255

eff. of internat. cooperation in World Med. Assoc., WHO & other organiz. on med. care standards 55415

eff. of urban growth, conf. 8447

effective practice 48478

Eskimo health serv. 20899

food inspection & hyg. control in Switz. (Ger) 39778

general pub. health problems in civil defense 40327

health departments record systems, use of codes for compiling service statist. 12650

health problems in indonesian villages 8456

home care program, research 47204

hosp. as a community health center 8444

ideol. aspects (Cz) 48587

improving human relation in health agencies 19150

in Alberta province 48479

in Brit. Columbia, Department of Health & Welfare 36414

in Canada, Manitoba Department of Health & Pub. Welfare 14637

in Canada, New Brunswick Department of Health & Soc. Serv. 2589

in Canada, relation to Hosp. Insurance & diag. Serv. program 2583

in Canada, voluntary health agencies 2591

in China (Ger) 49019

in China, problems (Rus) 9912

in Czech. (Cz) 30939

in Czech., district organiz. (Cz) 2792 2793 2794 2795 2796 2797 2798

in Czech., health serv. reorganiz. (Cz) 14891

in Czech., organiz. of community health center (Cz) 48677

in Denmark, organiz. of health serv. 3179

in E. Germany (Ger) 49048

in Finland (Fin) 32711

in France (Fr) 53403

in France (Sp) 44590

in France, costs, finances & organiz. of health serv. of Paris region (Fr) 45033

in Gt. Brit., current problems 21531

in Gt. Brit., health centers of Harlow 28993

in Gt. Brit., integration of serv. 44857

in Gt. Brit., work of multiple duty officer in small authorities 44860

in Hungary (Rus) 32586

in Italy, need for intercommunal-provincial assoc. for promotion of health & prev. of dis. (It) 21473

in Libya (Ger) 38947

in Minnesota, past & future 52147

in Mongolia (Rus) 21925

in No. Vietnam, develop. of health serv. (Hun) 19752

in Norway 28975

in Pennsylvania 53048

in Pennsylvania, cooperation of state med. soc. & health department 27961

in Pennsylvania, progr. 53055

in Rumania (Bul) 32771

in Rumania (Rus) 21907 32587

in Russia (Rus) 9908 9925 9930 9932 21931 32539 33470 39581 45196 55189

in Russia, agricultural areas (Rus) 21926

in Russia, role of soc. hyg. (Rus) 21920

in Russia, rural health, contribution of N. A. Semashko (Rus) 21929

in Russia, trends in develop. (Rus) 3800

in So. Africa, participation in program of WHO 21817

in So. Africa, relation to ment. health serv. 32493

in Sweden, reorganiz., relation to physicians' shortage (Sw) 45326

in Tanganyika, Waha health problems 42059

in U. S. (Rus) 32559

in U. S., present-day status & future aims 35834

in U. S., role of Federal Government in meeting health needs 16691

in W. Germany (Ger) 51796

in Yugosl., annual report (Ser) 1635

interdisciplinary research in health problems, methods & sources of stimulation 47530

interdisciplinary research in health problems, problems in supervision & future prospects 47531

internat. cooperation of physicians, med. technicians, research chemists, drug manufacturers & pharmacists for world peace & health 55416

internat. med. cooperation in framework of N. A. T. O. (Dan) 22445

intrastaff communications in pub. health admin. 24648

laboratory serv. 42823

laboratory serv., guidance of med. officers & GP in England & Wales 52185

large-scale release of radioactivity as pub. health problem 31577

local laboratory serv. in California 47202

London pub. health serv. (Ger) 19023

med. officers in E. Germany, postgraduate educ. & future tasks (Ger) 49038

med. research on air pollution in pub. health serv., progr. 44266

Ministry of Pub. Health in Italy, hist. & organiz. (It) 43259

misleading advertising of health foods & products 52640

mutual problems with med. practice 50317

N. A. Semashko Institute of Pub. Health Organiz. & Hist. of Med. (Rus) 9924

National Health Council activities 50247

New York State Interdepartmental Health Resources Board, organiz. & activities 20888

preparedness needs in civil defense 53651

progr. (Fr) 10681

pub. health & med. exhibit at Brussels World Fair 44275

pub. health inspectors in Gt. Brit. 53648

pub. health officer's professional secrecy (Ger) 43312 43313

relation of pub. health physicians to physicians in private practice 16582

relation to overpopulation (Fr) 1433

relation to statist. epidemiol., review 24637

responsibilities of health departments in prev. of traffic accid. 4314

responsibilities of pub. health officer in prev. of traffic accid. 8434

role of GP 50654

role of local department in indust. hyg. 54535

scientific approach to pub. health practice 32905

serv. centers in Sweden, modernization of lobbies (Sw) 45333

serv. in atomic warfare (Fr) 10405

tri-serv. Public Health Council of Okinawa 19139

U. S.-Mexico Border Pub. Health Assoc., conf. 44277

U. S. pub. health program for Mexican migrant workers 8456

U. S. Pub. Health Serv., Commissioned Corps 6541

U. S. Pub. Health Serv., National Institutes of Health, organiz. & funct. 6540

value of hosp. diag. virus laboratory to pub. health officer 24640

*education*

at School of Med., University of Valle, Colombia 5361

educ. qualifications of pub. health veterinarians 47212

hazards of miseduc. 42170

post-graduate train. in pub. health aspects of nuclear energy 55411

teaching of pub. health in Gt. Brit. 20879

*history*

hist. & trends (Sp) 9732

hist., organiz. concept & relation to med. profession 10259

in Hungary, policies of the Soviet Republic in 1919 (Hun) 7362

in Russia (Rus) 3801 9920

organiz. of health serv. in Venice in 19th century during Austrian domination (It) 36223

Soviet Health Serv. (Cz) 48664

*legislation*

in Italy, protection by constitution of Italy & by health regulations (It) 9369

*statistics*

comparative progr. in democracies & people's democracies in last 30 years (Hun) 43429

in Hungary in 1957 (Hun) 43105

in small village near New Delhi, India 51348

in U. S., growth of local departments 53653

**PUBLIC HEALTH NURSING**

availability & utilization of nursing serv. 7546

combination agency, role of practical nurse 7534

demonstration of community health program by pictures taken on duty 7547

family health serv. 20003

health council for program planning in military & civilian health nursing 19149

home care program for emotional dis. 20006

home care program in Detroit 5386

hyg. visitor, duties & comparison with health nurse & soc. assistant (Sp) 43915

importance of communication between patients & nurses 19151

in Alaska 613

in Australia 24488

in Brazil, Serviço Especial de Saúde Pública (Por) 37260

in Hungary, organiz. & exper. introduction of home care (Hun) 43099

in Michigan, Wayne County pub. health nursing record system, statist. methods 12651

maximum caseload of nurses 52811

ment. health serv. 19988

nursing research grant & fellowship program 24490

organiz. in mass casualties 19991

priority system in home visits 7529

pub. health nurse in rehabil. of child. amputees 52800 52801

pub. health nurse in rehabil. of patients of surg. of head & neck cancer 52797

pub. health nurses' role in epidemic of typhoid fever in rural Pennsylvania 52814

role in ment. hyg. 7545

role of nurse as coordinator 19152

role of nurse in hosp. & health programs 4833

role of pub. health nurse in home nursing care of cancer patient 14735

rural, progr. 523

salary median for 1958 52794

visiting nurse's role in care of aged 44864

visiting nursing serv., role of practical nurse 7533

*education*

in Russia (Rus) 21910 21915 21917 21918 32581 32582 33316 33317 45256

in U. S., extension program 20001

in U. S. in New England, regional planning 7519

teaching health educ. to pub. health nursing aides 47203

train. in outpatient department 2653

train. program in ment. health nursing 52785

**PUERPERAL INFECTION**

*case reports*

with femoral thrombophlebitis & psychoses, case report (Pol) 27593

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

***complications***

micrococcal infect. with pleuropulm. compl., case report (Sp) 21108

micrococcal pneumonia, case report (Pol) 8064

***etiology and pathogenesis***

Clostridium perfringens bacteremia with septic shock & hemorrh., case report 52603

***prevention and control***

penicillin admin. in labor & puerperium, results 24801

vacc. against Micrococcal infect. (Cz) 26564

***therapy***

chlortetracycline & neomycin in puerperal uterine infect. in cows 26180

colimycin (It) 52016

oleandomycin with tetracycline (Sp) 6610

**PUERPERIUM**

commissurotomy during puerperium, case report (Fr) 26270

local wound ther. in puerperium with alcohol-sulfisoxazole powder (Ger) 29482

postdelivery care 5400

***blood in***

C-reactive protein (Sp) 32273

clot retraction in normal & pathol. conditions (Cz) 14821

glutamic oxalacetic transaminase 20077

17-hydroxycorticosteroids in early & late bovine puerperium 40799

leukergy (Pol) 39827

proteins 40091

protein, C-reactive (It) 9398

ribose-5-phosphate & pentoses (It) 9406

***complications***

acute renal failure, progn. (Dan) 10628

anemia, etiol. & ther. (Fr) 35613

anemia spherocytic, congen., case report 52833

bladder dis. (Ger) 29486

breast abscess, epidemic 24484

breast infect., ther., posterior pituitary extract, intravenous admin. (Fr) 44634

cancer of cervix, review (Sp) 7593

cerebral thrombosis, case reports (Ger) 27698

eclampsia, ther., cure by artif. hibernation & hypothermia in severe case (Hun) 30176

endocrine dis. (Ger) 3429

exacerbation of cervical cancer (Sp) 8706

fibrinogenopenia, case report 10842

heart dis., pathol. 48149

in adolescents, statist. (Ger) 46075

intestinal volvulus, review & case reports 20062

inversion of unicornuate uterus 24514

mastitis, biotic ther., results (Ger) 11438

mastitis in hosp., prev. & statist. (Ger) 3944

mastitis, prev. with chloramphenicol ointment (Ger) 51826

mastitis, ther., tetracycline & its phosphate & pyrrolidinomethyl complexes (Ger) 22188

mastitis, ther. by x-rays & ultrasonics, review (It) 29602

megaloblastic anemia 5572, 41867

meni. disord., clin. statist. 2230

micrococcal mastitis, frequency & course in hosp. (Ger) 3941

micrococcal septicemia, antibiotic-resist., vancomycin ther. 26132

pain in episiotomy repair, ther., dextro propoxyphene with acetylsalicylic acid 52823

paragenital hematoma (Sp) 32444

phlebothrombosis, laboratory diag. & phenylbutazone ther. (Ger) 46269

pituitary gland insuff. (Ger) 18992

postpartum compl. caused by maternal vaginitis (Fr) 44643

postpartum eclampsia causing Sheehan's synd., case report (Sp) 44530

postpartum intestinal obstruct., ther. pantothenyl alcohol 47244

postpartum, late correction (Fin) 27269

postpartum mammary engorgement, ther., chlorotrianisene & ergonovine 43335

postpartum Micrococcus pyogenes infect., causing maternal death 43336

postpartum pain, melabon ther. (Ger) 42387

postpartum pain, ther., (2,2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine, comparison after oral & parenteral admin. 28288

prev. by routine treatment with ergocristine & ergonovine prep. (Ger) 45934

pyrexia 18787

rectal hemorrh. 50239

teratoma of ovary, case report (It) 38544

thromboembolism, incidence (Ger) 23243

thrombophlebitis (It) 21498

thrombophlebitis, phenylbutazone prev. & ther. (It) 21489

thrombophlebitis, skin thermometry (Rus) 12187

thrombosis of superior sagittal sinus, diag. & ther. (Ger) 23795

urinary retention, ther., dihydroergotamine (Ger) 55745

urination disord., incidence & ther. 36024

uterine inversion, mechanisms & statist. (Por) 12899

volvulus of sigmoid 17844

***hemorrhage***

caused by spontaneous uterine rupt., case report (Cz) 38274

causing maternal death, case report 19281

in pelvic congestion (Ger) 15987

with Clostridium perfringens bacteremia & septic shock, case report 52603

***metabolism***

antibiotics in blood & milk, determ. (Ger) 41723

glucose, in normal pregn. & puerperium (It) 13114

ribonucleic acid in uterus in guinea pig, histochem. (It) 54255

vitamin A & β-carotene, comparison in pregn. & during labor (Ger) 40184

***pathology***

postpartum cervical cytol. 7607

***physiology***

blood circ. rate measurements (Hun) 51425

kidney funct., serial studies in normal women 40693

physiol. bases of present-day problems in puerperium 12380

pyelo-ureteral & vesical changes during pregn. & puerperium studied by urography with triiodated contrast media, clin. investigation & review (It) 24968

***urine in***

progesterone & 17-ketosteroid excretion (Ger) 22761

*PULMONARY DISEASES see* LUNG DISEASES

**PULMONARY EDEMA**

(Ger) 6639

acute in pulm. & cardiovasc. surg., pathogen. & ther. (It) 11823

postop. (It) 36969

recur. pulm. edema in mitral stenosis as a synd. (Fr) 22453

***case reports***

with acute bact. endocarditis of aortic valve & pneumonitis, clin. pathol. conf. 7410

***diagnosis***

x-ray (Ger) 3604

***etiology and pathogenesis***

brain inj. (Ger) 11382

carbon monoxide & trichlorethylene pois., ther., tracheotomy & resp. reanimation (Ger) 55437

heart dis., pathogen. & ther. (Fr) 43748

mitral stenosis (Fr) 29196

nitric acid in brewery worker (Ger) 38904

nephritis (Rus) 51323

***experimental***

eff. of chloral hydrate, sympatholytin & chlorpromazine in rats (Rus) 7807

epinephrine-induced in rats, mechanism 5696

epinephrine-induced, vasc. responses in lung, omentum & striated musc. in rats, histopathol. 5679

fatal edema produced by vagotomy, influence of analgesics & anesthetics on survival time of rats 24821

induced by irritant gases, eff. of prednisolone in animals (Ger) 6078

protective eff. of methylene blue in rats (Ger) 29890

relation to pulm. lymphatic drainage in dogs 18120

thoracentesis, case report (It) 48752

***pathology***

electron microscopy of pulm. capillaries (Ger) 6669

***physiology***

pulm. circ. in edema in hypertension, eff. of arterenol admin. 31790

***surgery***

commissurotomy, emergency, case reports 16599

***therapy***

chlorpromazine, intravenous admin. (Pol) 8099

**PULMONARY EMBOLISM AND THROMBOSIS**

fat & tissue embolism occurrence in aircraft accid. fatalities 28203

in cyanotic congen. heart dis. without pulm. hypertension, clin. & histopathol. 5640

review 42069

thrombosis of major pulm. arteries, clin. manifest. & pathol. 2190

***blood in***

endogenous antithromboplastin prod. (Ger) 10340

***case reports***

17639

(Dan) 43179

familial pulm. embolism 14154

old massive embolism, x-ray & anatomopathol. findings (Ger) 54334

postop. (Fr) 8307

with renal, uterine & other dis., clin. pathol. conf. (Ger) 9534

with septic thrombophlebitis of leg & mural endocarditis 40061

***complications***

infarction, review 48993

myocardial sarcoidosis with ventric. paroxysmal tachycardia (Ger) 11199

myocardial sarcoidosis with ventric. paroxysmal tachycardia (Hun) 7717

pulm. heart dis. (Nor) 45421

sudden death caused by pulm. fat embolism in chronic alcoholics with fatty liver 35229

***diagnosis***

42160

(Fr) 43771

embolism, x-ray diag. 47221

***etiology and pathogenesis***

as compl. of urol. surg. 33081

in congen. cyanotic heart dis. with pulm. stenosis 10315

intra-gemellar hemorrh. (Sp) 49880

venous thrombosis, management 54685

***experimental***

cardiac reflexes in animals 23477

eff. of serotonin (Sp) 29363

eff. on pulm. & systemic pressure in dogs (Sp) 42205

protective eff. of hexamethonium & tolasoline in dogs 22075

trophoblastic embolism in mice, histopathol. 5638

***in infant and child***

thromboarteritis with patent ductus arteriosus (Rus) 20270

***in pregnancy***

amniotic fluid embolism (Ger) 11350

amniotic fluid embolism causing maternal death 22722

maternal mortal. in Ohio 7652

ther., stellate ganglion block in embolism 52835

***manifestations***

x-ray manifest. 47220

***prevention and control***

by inferior vena cava filter, grid design 2433

***statistics***

postmortem exam. 7445

***surgery***

embolectomy 10100

***therapy***

management of postop. thromboembolism in private hosp. 18109

trypsin assoc. with anticoagulant ther. in postop. recur. embolism (It) 42691

*PULMONARY EMPHYSEMA see* EMPHYSEMA, PULMONARY

**PULMONARY FIBROSIS**

diffuse (It) 32090

diffuse interstitial, clin. & pathol. aspects & develop. of honeycomb lung 13664

diffuse progressive interstitial, review & case reports (Fr) 24123

diffuse sclerosis, review (Sp) 39442

histogenetic types, review (Sp) 36836

***case reports***

cor pulmonale in interstitial fibrosis of lungs with death in a sickle cell crisis 2895

diffuse interstitial 12793

diffuse interstitial (Dan) 43229

diffuse interstitial progressive, clin. pathol. conf. 19869

with severe emphysema & other compl., clin. pathol. conf. 43326

***complications***

cystic bronchiectasis in bronchial obstruct. caused by intrathoracic goiter, case report 34883

***etiology and pathogenesis***

Hamman-Rich synd. 917

interstitial, caused by chronic beryllium granulomatosis of lungs (Ger) 46206

iron oxide dust in electric-arc & oxyacetylene welders 6149

tox. factors in chem. indust. (Rus) 3823

tuberc., pulm., eff. of chemoantibiotic ther. on incidence (It) 29650

***experimental***

morphol. (It) 32091

***in infant and child***

diffuse interstitial, with unilateral pulm. arterial & venous stenosis & atriovenous occlusion 7844

***pathology***

histopathol. (Ger) 23126

idiopathic cases in military personnel, risk of develop. into pulm. tuberc. 44

***physiology***

cardiopulm. funct. in diffuse progressive interstitial pulm. fibrosis 49184

gas exchange at rest & during exercise, comparison with pulm. tuberc., pulm. emphysema & normal subjects (Fr) 22454

***therapy***

ACTH in diffuse interstitial fibrosis, case report 15555

adrenal cortex hormones in non-tuberc. fibrosis & infiltrations 48187

**PULMONARY HEART DISEASE**

***see also* AYERZA'S SYNDROME**

18664

after radical pneumonectomy, clin. significance in reduction of cardiopulm. reserve 5892



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

anat. & funct. forms, etiol. & differ. diag. 49864
chronic, in pulm. tuberc., pathol. anat., review (It) 47826
chronic, review 6431
diag. & etiol. 18659
etiol. & ther., relation to pulm. emphysema 28484
pulm. arteriopathy resembling cor pulmonale, in congen. & acquired heart dis. patients (It) 52088
Roque's synd. 12050

*case reports*

5252
congestive (Ger) 12081
cor pulmonale in interstitial fibrosis of lungs with death in a sickle-cell crisis 2895
with congen. bicuspid aortic valve & aortic arteriosclerosis & stenosis, clin. pathol. conf. 39569

*complications*

acute resp. failure, artif. resp. (Fr) 8243
resp. acidosis, review 53579

*diagnosis*

aminophylline test (Rus) 22154
diag. & differ. diag. of cor pulmonale & pseudo-cor pulmonale, x-ray (Ger) 12045
ECG (Sp) 8194

*differential diagnosis*

carcinomatosis of lungs (Rus) 9872
preop. differentiation in lung surg. (Ger) 29080

*etiology and pathogenesis*

collapse ther. of tuberc. (It) 47829
isolated hypertension of pulm. circ. (Fr) 47750
mechanisms, review 53580
metastatic cancer of lungs causing subacute cor pulmonale, case report 3374
pulm. artery compression caused by hilar lymph node dis., surg. (Fr) 36684
pulm. emphysema, ECG data & postmortem correlation 437
pulm. tuberc. (Ger) 11212
schistosomiasis mansoni, case report (Por) 39979
thrombosis of pulm. artery (Nor) 45421

*experimental*

blood pressure determ. after constriction of pulm. artery in dogs (Ger) 55553

*in infant and child*

cor pulmonale with fibrous intimal thickening of pulm. arteries & primary pulm. hypertension, clin. pathol. conf. 7442

*manifestations*

arrhythmia, ECG 19873
congestive heart failure, clin. manifest. & pathol. 12257
ECG correlation with hemodynamic findings (Sp) 21198
ECG in chronic dis. (Fr) 44699

*pathology*

(Ger) 26492
liver histochem. & histol. (It) 44171
Roques synd. of cardiac & pulm. sclerosis (Fr) 3622

*physiology*

effort test in beginning cor pulmonale (Ger) 51711
kidney funct. after massive admin. of oxygen (Fr) 39883
quantitative & funct. tests of arterial bronchial & pulm. anastomotic circ. in chronic cor pulmonale, review (It) 15247

*surgery*

venepunction (Ger) 9943

*therapy*

(Fr) 38801
acetazolamide in decompensated type (Sp) 8804
breathing exercises in emphysematous stage of chronic pulm. heart dis., blood gasometry before & after exercises (Fr) 31757
chronic (Ger) 3231
96% oxygen-5% carbon dioxide mixture inhalation in emphysematous patients, eff. on ventilation & pulm. circ. (Fr) 47753
of chronic cases (It) 54225
oxygen (Rus) 33234
review (It) 36735
thioctic acid in chronic cases (It) 29671

## PULMONARY STENOSIS

*see also* COMMISSUROTOMY

diag. & ther. of congen. pulm. stenosis 50659
with intact ventric. septum 27824
with intact ventric. septum, clin. picture & hemodynamics (Ger) 49092
with right ventric. hypertrophy, ECG 35628

*case reports*

(Ch) 38369
congen. stenosis with auric. septal defect, hemodynamic & surg. aspects 42510
congen. with dissecting aortic aneurysm 48157
congen., with ventric. septal defect & left-to-right shunt (Ch) 38370
in argentaffinoma of small intestine with hepatic metastases (Fr) 36645
with patent foramen ovale, angiocardiographic features 12306

*complications*

congen. cardiovascular defects, surg. indic. & technic (Por) 18821
left to right shunt, diag. & case report 24869
pulm. thrombosis in congen. cyanotic heart dis. 10315

*diagnosis*

cardiac catheterization (Rus) 10739
fluoroscopic findings 50825

*experimental*

prod. & release of stenosis in dogs, technic using umbilical tape band 22059
prod., pathol. & surg., subclavian-pulm. & aorto-pulm. anastomosis & right ventriculotomy (Rum) 43990

*manifestations*

auscultation & phonocardiography 24330

*surgery*

anat. aspects (Rus) 33210
Brock technic, management of surg. tear of ventric. outflow tract 5884
closed valvotomy & infundibular resection in stenosis with intact interventric. septum 54754
hypothermia in open surg. in auric. defect & valvular pulm. stenosis (Ger) 29039
indic. & technics (Sp) 3675
second shunting operations for pulm. stenosis with cyanosis following failure of original systemic-pulm. anastomoses 22061
transarterial valvotomy on open heart in hypothermia (Hun) 52913
transventric. & transarterial approaches, comparison of results 2906

*PULMONARY TUBERCULOSIS see* TUBERCULOSIS, PULMONARY

## PULMONARY VALVE

*abnormalities*

absence with ventric. septal defect, case report 12264
regurgitation, isolated 46875

*anatomy and histology*

surg. anat. (Rus) 10744

*diseases*

isolated rheum. insuff. (Ger) 52236
obstruct. caused by rhabdomyosarcoma of heart, case report 2368

*stenosis see* PULMONARY STENOSIS

*PULPITIS see* DENTAL PULP, *diseases*

## PULSE

absence in newborn in umbilical cord prolapse, resuscitation by effortil, umbilical vein admin. (Ger) 34583
arterial pressure pulse contour in suspected aortic stenosis 450
arterial pulse wave studies in normotensives with transient hypertension 38489
arterial rheo-oscillography in arterial pulse volume changes (Ca) 38217
carotid artery pulse curves in aortic valve stenosis & coarctation of aorta (Ger) 12051
carotid pulse in orificial stenosis of aorta, piezography (Fr) 1463
continuous sphygmoscopy during surg. (Fr) 31049
coupled hepatic pulsations in tricuspid incompetence, importance as new phys. sign 35631
dicrotism, eff. of autonomic drugs (Ger) 13349
digital in peripheral vasc. dis., method of registration 54678
eff. of autonomic drugs, comparison of various prep. (Rus) 39326
eff. of hypothermia on standing-wave components in arterial pulses in dog 2910
eff. of tooth extraction on blood pressure & pulse rate of sedated normotensive & hypertensive patients with & without epinephrine 40238
esophageal piezocardiogram at auricular level in mitral patients in sinus rhythm (Sp) 44492
esophageal piezocardiogram in diag. of mitral insuff. & stenosis (It) 16024
esophagoatriograms of normal subjects, correlation with phonocardiography (It) 3884
frequency as indic. of eff. of smoking on peripheral blood circ. (Ger) 36469
in aortic insuff., graphic registration of venous pulse (Ger) 42383
in exper. surg. with artif. heart in dogs (Rus) 3405
indirect pulse recording technic & appar. 24321
jugular & hepatic venous pulse measurements in diag. of cardiovasc. dis., technic (It) 42402
jugular pulse, normal & pathol. characteristics (Sp) 15495
mechanography of intercostal arterial pulse in diag. of coarctation of aorta (Hun) 52886
of premature inf., simultaneous oscillographic recording of resp. & pulse (Fr) 30466
peripheral, unreliability as diag. criteria of shock in Oriental patients 36998
pressure, relation to blood pressure & capillary flow 26500
pulse characteristics of abdom. aneurysm & of femoral artery distal to it 38491
pulse wave speed determ. in hypertension & arteriosclerosis (Rus) 18304
pulse-wave velocity, error in measurements 24322
rate, eff. of noise (Ger) 54320
rate, eff. on Q-T interval in ECG in child. (Ger) 47495
rate of horses during transition from rest to movement (Ger) 55452
registration in pressure chambers (Rus) 22626
registration of arterial pulse by the pulm. veins (It) 49576
role in determ. of basal metab. (Por) 8662
temporal, in early circ. regulation disord. (Ger) 30586
transm. through autogenous & plastic grafts in dogs 54736
velocity of spreading of pulse wave, determ., ECG & digital plethysmography (Pol) 30839
venous pulse changes in various postures (Ger) 12057
venous, significance in diag. of auric. septal defect (Ger) 11009
volume pulsations, basic formula for numerical measurement 8028
volume pulsations, calculated measurements of forearm & calf 8029

## PUNCTURES

*see also* ACUPUNCTURE

*see also* SPINAL PUNCTURE

abdom. paracentesis using polyethylene tubing in diag. of acute abdom. 23476
mediastinal lymph node puncture through tracheal ridge, technic & clin. value (Sp) 8714

## PUPILS

*see also* ADIE SYNDROME

eff. of age on diameter of pupil in the dark 42975
exam. in chiasmatic synd. caused by meningioma, diag. value (Fr) 31993
pupil block in aphakic eyes 35774
pupillography, diag. value (Rus) 10943

*abnormalities*

anisocoria, diag. significance (Ger) 19441
anisocoria, familial (Ger) 51257
slit-like pupil & corectopia assoc. with posterior embryotoxon 23439

*effect of drugs on*

phenylephrine & diphenyl acetic acid 3-tropyl ester, mydriatic eff. in dogs (Rus) 22566

*in various diseases*

Argyll-Robinson synd. in acute ciliary ganglionitis due to influenza (Ger) 19761
glaucoma (Rus) 33511
pediatric dis., conditioned reflex changes (Rus) 7921

*pathology*

loss of tonicity of sphincter in etiol. of glaucoma (It) 13936

*physiology*

in normal & pathol. cond. 53279
pupil unrest & servosystem, response to noise 19545
pupillary reflex, efferent arch (Rus) 34817
reflex dilatation, mechanisms, exper. study & review 39172
reflexes, relation to amaurosis (Sp) 19783

*PURGATIVES see* CATHARTICS

## PURINES

*see also* ADENINE

*see also* GUANINE

*see also* MERCAPTOPURINE

*see also* URIC ACID

*see also* XANTHINES

degradation by hot alkali 2544
zinc complexes, synthesis & properties (Ger) 49022

*determination*

detection of new purine in giant siliceous sponge (Ger) 49090
in acid-soluble fraction of animal tissues & cell nuclei 1379
purification & separation, review 6753
purine globules in optic gland of octopus, electron microscopy (It) 48128
separation of difficult mixtures of purine bases by electrophoresis (Fr) 24902

*effects*

E. coli resist. to purine analogs, influence on reaction to various other cpds. 2709
enhancement of growth of isolated Walker carcinosarcoma 256 39296
on growth of mammalian cell cultures 40555
6-substituted thio- & amino-purine stimulation of oat coleoptile growth with & without exogenous 3-indolacetic acid 13387

*in urine*

purine bodies in gout, chromatography & spectrophotometry (It) 31776

*metabolism*

2-aminopurine oxidation by mammalian xanthine oxidase 47940
bact., molds & yeasts, comparison of genetic & nutritional blocks in biosynthesis 25420
catabolism in Drosophila melanogaster 31709
disord. in schizophrenia 27012
eff. of amethopterin on purine biosynthesis of susceptible & resistant TA3 ascites cells 38091

Symbols in parentheses indicate foreign language article; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

eff. of 2-amino-6-mercaptopurine on biosynthesis of nucleic acid purines in vivo & in vitro 38090
eff. of 8-azaguanine & 6-mercaptopurine on purine catabolism in rat 38088
Ehrlich ascites cells in vitro, eff. of glucose & nucleosides 34844
enzymol., review 1268
in leukemia, eff. of amethopterin on incorporation of formate in mice bearing amethopterin-susceptible & -dependent leukemia 25413
incorporation of formate in Ehrlich ascites tumor cells, eff. of glucose & various nucleosides 28267
microorganisms, review (Uk) 29556
purine-metabolizing enzymes in normal rat liver & in Novikoff hepatoma 3701
requirements of fusobact. 50330
synthesis in rats, participation of biotin (It) 1920
tumor tissue synthesis 48573
tumor tissue utilization of host purines 48570

*preparation of*

2,8-dialkyl-6-hydroxy- & 6-chloropurines (It) 1849

PURPURA

annularis teleangiectoides, discovery by Majocchi 9599

*blood in*

cryoglobulin in necrotic purpura assoc. with multiple myeloma (Fr) 2412

*case reports*

in erythema centrifugum annulare, with telangiectasis (Ger) 15279
with infectious mononucleosis & hepatitis (Fr) 54029

*etiology and pathogenesis*

brucellosis causing purpura of rectal mucosa with intestinal hemorrhage, case report (Fr) 18558
chemother. in pulm. tuberc. (Rus) 45190
6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1(2H)-dioxide, case reports 40269
Crataerhina pallida bite (Fr) 51393
meningococcal septicemia causing gangrenous purpura, case report 15043
pituitary tuberc., with hemocytoblastic reaction (Rus) 31189

*in aged*

Bateman's peliosis, lingual manifest. (It) 9308

*in infant and child*

blood streptoc. antihyaluronidase (Rus) 20275
rheum. purpura with ileo-ileal intussusception, surg., case report (Fr) 6299

*pathology*

capillaries, in pigmented purpura of skin 23362

*therapy*

review (It) 26632

*PURPURA, ALLERGIC see* PURPURA, NONTHROMBOPENIC

*PURPURA FULMINANS see* PURPURA, NONTHROMBOPENIC

PURPURA, NONTHROMBOPENIC

hyperglobulinemic, types & studies on primary or secondary nature (Ger) 23750
review (Ser) 6627

*case reports*

hyperglobulinemic (Fr) 54308
hyperglobulinemic (Ger) 34154
hyperglobulinemic, in liver cirrhosis (Ger) 44938
idiopathic benign hyperglobulinemic purpura 30183

*complications*

cryoglobulin form., & plasma cell myeloma (Fr) 51390
hyperglobulinemic, complicating lymphatic leukemia (Ban) 20173
hyperglobulinemic, with cranial osteolysis (Ger) 28947
Schoenlein-Henoch dis. causing necrosis of soft tissues (Ger) 42676

*etiology and pathogenesis*

allergic primary pulm. aspergillosis with Schoenlein's purpura 48305
antibiotics causing anaphylactoid necrotic purpura (Fr) 2427
meprotamate, case report (Sp) 43943
penicillin sensitivity causing hemorrhagic purpura with peripheral gangrene, case report 2856

*in infant and child*

fulminans (Ger) 30057, 41594
in 9 year old girl 46540
Schoenlein-Henoch dis., abdom., form. (Rus) 43551
Schoenlein-Henoch dis., renal manifest. (Sp) 37256
with gangrene of leg in Schoenlein's purpura, surg. 51052

*in pregnancy*

abruptio placentae with thrombokinase disord. & severe transitory hemorrh. diathesis (Ger) 1790

*metabolism*

Schoenlein-Henoch dis., blood & urinary proteins in (It) 42665

*therapy*

fulminans, successful ther. by heparin 40233
problems of ther. of Schoenlein-Henoch purpura of unusual severity (Fr) 14392

*PURPURA, SCHOENLEIN-HENOCH see* PURPURA, NONTHROMBOPENIC

PURPURA, THROMBOPENIC

classif. on basis of funct. state of megakaryocytes & on clin. course (Rus) 44015
thrombopenia, idiopathic in Bantu, comparison with European & proposal for discarding of term onylai 22294
thrombotic 36296
thrombotic (Sp) 42215
thrombotic, clin. & histopathol. aspects (Ger) 39876
thrombotic, review & case reports 13168
thrombotic with neurol. compl., differ. diag. value of poikilocytosis (Fr) 53982

*blood in*

thrombocytolytic factor in purpura assoc. with disseminated lupus erythematosus, case report (It) 51998
thrombopenic factor in idiopathic cases (It) 36766

*case reports*

idiopathic (Dut) 52532
thrombopenic myelosis with hemorrh. in lung cancer (Fr) 6316
thrombotic, with diabetes mellitus & diffuse cancer of stomach (Pol) 30751

*complications*

massive gastrointestinal hemorrh. in thrombotic thrombopenic purpura 49711
ment. disord. in Werlhof's dis. (Ger) 11133
rupt. of graafian follicle causing abdom. hemorrh., case report 21513
thrombocytopenia with lipoidosis & splenic angiomata, histochem. & histopathol. 5687

*differential diagnosis*

disseminated lupus erythematosus, case report 9818

*etiology and pathogenesis*

dihydroxyaluminum glycinate-mephenesin-salicylamide prep. in arthritis ther. 37701
immunothrombopenia due to glutethimide ther. (Ger) 19000
infect. mononucleosis (Dan) 10808
lupus erythematosus disseminated causing thrombotic thrombopenic purpura (Sp) 9742
mumps, pathogen. & ther. 40256
penicillin (Ger) 33992
phosphine pois., in worker in metal indust. (It) 21009
postop. thrombotic purpura, case reports 3169
quinidine 37677
quinine allergy, case report (Tur) 22373

*experimental*

radiation-induced, eff. of various substances in chicks (Fr) 32196

*immunology*

auto-antibodies against platelets in serum eluates, properties & eff. of inject. into rabbits (Ger) 40132

*in infant and child*

Aldrich synd., clin. manifest. 46533
auto-immunol. aspects 6943
clin. pathol. conf. 51054
etiopathogen. (It) 2969
in angioma of colon 47494
thrombopenia-hemangioma synd. in inf. (Ger) 25271
with chickenpox, review & case report (Fr) 25474

*in pregnancy*

maternal & neonatal with transplacental transfer of factors responsible for L. E. cell form. in maternal disseminated lupus erythematosus, case report 12342
Werlhof's dis. with leukemia (Rus) 6029
with eclampsia 24507

*pathology*

thrombotic thrombopenic purpura (Ger) 6724

*surgery*

splenectomy, with intractable hemorrh. from surg. wounds, ther., trimethaphan-induced controlled hypotension (It) 51965

*therapy*

cortisone & prednisone in allergic purpura (Ger) 15360
idiopathic, steroids & splenectomy 51136
platelet-rich transfusions of blood in thrombopenia, platelet survival & thrombocytopoietic eff. of transfusion (It) 44811
prednisolone, massive dos. 12305
steroids, massive admin. in thrombotic thrombopenic purpura, case reports 34882

PYELITIS

diag. & ther. (Ger) 15452

*diagnosis*

pyeloureteritis cystica, x-ray diag. (Fr) 40469, 41378

*in pregnancy*

(Fr) 26976
(Ger) 42365

PYELOCYSTITIS

*complications*

histiocytic leukemia, with fever & neutrophil hyperleukocytosis, in patient of bilateral renal lithiasis (It) 3872

*urine in*

Sternheimer cells in sediment, significance (Ger) 33826

PYELOGRAPHY

antegrade, transcutaneous indic. & method (Rus) 10789
comparative, in mammals (Por) 3701
intravenous, prep. with bis-(p-acetoxyphenyl)-2-pyridylmethane (Ger) 6051
prep. of gastrointestinal tract with bis(p-acetoxyphenyl)-2-pyridylmethane (Ger) 11208

*complications*

thorotrast causing late renal lesions (Ger) 34371

*in various diseases*

Bright's dis. 39727
excretion pyelogram in severe kidney inj. (Sp) 25949
hematuria caused by dis. of renal papillae & calyces, diag. value 12656
retrograde, with presacral oxygen insufflation in diag. of renal tumors & cysts 16001
subcutaneous inj. of kidneys, retrograde technic (Rus) 45599

PYELONEPHRITIS

(Sp) 20642, 21047
etiol., bacteriol. & review 39722
etiol., pathol., diag. & ther. (Sp) 49166
manifest. & diag. (Sp) 15497
pathogen., pathol. & compl. 39721
simultaneous occurrence of nonspecific pyelonephritis with renal tuberc. (Ger) 33449
unilateral necrotizing 3161

*complications*

essential hypertension 33445

*diagnosis*

in GP (Ger) 20605
unilateral atrophy of kidney causing hypertension, eff. of nephrectomy (Ger) 45581

*etiology and pathogenesis*

pathogenic role of ureter in ascending pyelonephritis 16638

*experimental*

eff. of temporary & permanent ureteral occlusion on multiplication of E. coli in rats 37566
importance of narrowing of ureter in excretion of E. coli in the urine of rabbits (Cz) 48562
induction in rabbits (Cz) 48607
susceptibility of rats with hormonal hypertension to exper. pyelonephritis 40684

*in aged*

chronic, incidence, pathogen., pathol. & case reports 39564

*in infant and child*

(Sp) 299
relation between congen. renal dysplasia & pyelonephritis 128
renal tubular water reabsorp. in (Cz) 14849
staphylococcal, with staphylodermias (Ger) 34106
with omphalitis in newborn inf., pathol. & case reports 41262

*in pregnancy*

(Fr) 9040
chronic, caused by pre-eclampsia (Ger) 15972
manifest. & ther. (Sp) 27233

*pathology*

anat. & funct. changes in urinary tract 45575

*therapy*

3-sulfanilamido-6-methoxypyridazine & tetracycline-sodium hexametaphosphate (Ger) 34372

*urine in*

Sternheimer cells in sediment, significance (Ger) 33826

PYLOROSPASM

*in infant and child*

surg., crucial incision at right rib margin (Ger) 38424

*manifestations*

x-ray manifest. of spasm of prepyloric musculature in pathol. cond. 25452

PYLORUS

*anatomy and histology*

pyloric canal in newborn 18757

*diseases*

benign lesions of antrum simulating carcinoma, diag. & case reports 37621
hypertrophy in adult, review 47146
hypertrophy, primary, relation to structure & funct. of pyloric canal 54740
incarceration in diaphragmatic hernia, with duodenal & pancreatic involvement 23501
obstruct. causing metabolic alkalosis with kaliopenic nephropathy, case report 28651
obstruct. in duodenal ulcer, x-ray diag. & med. & surg. ther. 3655

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

obstruct., mechanism of fluid & electrolyte loss & application to ther. of dehydration 24609

*effect of drugs on*

serotonin on pyloric secretion of gastric mucin in dog 5688

*neoplasms*

cancerous stenosis, surg., juxtapyloric gastroenterostomy, indic. & technic (Fr) 1456

myoma, with cyst, in newborn inf. (Fr) 30478

stenosing with intestinal malrotation in aged (Ger) 41703

*physiology*

eff. of ligation on gastric secretion in adrenalectomized, hypophysectomized & vagotomized rats 3691

influence of pyloric antrum on vagally stimulated gastric acid secretion 745

motor reactions to mechanical stimulation at rest & with full stomach (Rus) 48031

temporary obstruct. of pylorus in humorally conditioned animals inducing infarctoid cardiopathy 10389

*stenosis*

caused by perigastric inflamm. pseudo-tumor & abdom. aortic aneurysm, case report (Fr) 1455

causing body fluid balance disord. (Ger) 23185

congen. 48590

congen. hypertrophic, description of first case 1473

congen. hypertrophic, manifest. 1474

congen. hypertrophic stenosis in Africans, case reports 32503

congen. in inf., surg. (Rus) 5991
5998

congen., surg., Ramstedt technic 40974

differentiation from aberrant pancreatic tissue in stomach wall, case report (It) 25570

differentiation from stomach duplication, case report 2234

exper., causing hypertrophy of esophageal walls, relation to gastro-duodenal dyskinesia (It) 52113

hypertrophic (Ger) 27504

hypertrophic, case report (Sp) 23982

hypertrophic, in inf., neuropathol. (Ger) 29474

hypertrophic, in inf., review (Pol) 43685

hypertrophic, surg. (Sp) 36854

in inf., surg. (Rus) 5990

spastic hypertrophic, thiazinamium ther. (Ger) 41593

surg., late develop. of cancer after gastroenterostomy 54655

with hypochloremic nephrosis (Tur) 33998

with peptic ulcer in inf. (Ger) 30045

*surgery*

Y-plasty type of pyloroplasty in dog 22045

**PYODERMA**

prev. & ther. (Rus) 22516

ther.-resistant cases, classif. & review (Ger) 46132

*case reports*

gangrenosum of leg following simple skin graft 21831

ther.-resistant, microbiol. & pathol. principles (Ger) 46138

*epidemiology*

occup. in sugar factory workers (Rus) 9878

*immunology*

α-staphylococcal antitoxin titer in inf., child. & adults (Ger) 46140

*in infant and child*

gangrenosum, with otitis media, possibly caused by Pseudomonas infect. or Shwartzman phenomenon, in inf. 23521

*microbiology*

(Ger) 55478

*physiology*

thermoregulation & chronaxic excitability of skin receptors (Rus) 55194

*therapy*

antibiotics, resist. in staphylococcal pyoderma (Rus) 45636

chlortetracycline ointment (Rus) 45871

deocin, effectiveness in tropical cond. 48396

kanamycin, topical admin. 25020

staphylodermia, staphylococcal autovacc. (Ger) 3216

tetracycline with oleandomycin (Ger) 48136

ther. resist. (Ger) 55484

x-ray in deep-seated dis. (Rus) 10898

**PYRAMIDAL TRACT**

*anatomy and histology*

number of axons & myelin sheaths in adult human medullary pyramids, silver impregnation & iron hematoxylin staining 52578

*diseases*

Babinski reflex in pyramidal synd. (Dut) 7308

eff. of foveal synchrony & thresholds for apparent movement in child 17136

manifest., toe flexion reflex (It) 8597

pyramidal synd. as clin. concept (Fr) 44208

pyramidalism caused by lesions of brain or spinal cord, differ. diag. & relation to site of lesion (Sp) 9724

role of brain nerve motor nuclei in cortical, extrapyramidal & peripheral afferent regulation of mesencephalon, pons & medulla oblongata (Ger) 25375

*physiology*

eff. of antidromic pyramidal stimulation on Betz cells of cerebral cortex in cats 53693

pathophysiol. (Ger) 39035

***PYRAMIDON* see AMINOPYRINE**

**PYRANS**

basic substituted thioxanthene deriv., chem. & pharmacol. (Ger) 30606

chromone deriv., spasmolytic eff. (Rus) 49430

***PYRAZINAMIDE* see NICOTINIC ACID**

***PYRAZOLES* see AZOLES**

**PYRETHRINS**

resist. of Musca domestica wild strain to pyrethrins & pyrethrins-piperonyl butoxide in Sweden 52355

***PYRIBENZAMINE* see TRIPELENNAMINE**

**PYRIDINES**

*see also* ISONIAZID

*see also* NICOTINIC ACID

*see also* PICOLINE

*see also* PIPERIDINES

*see also* VITAMIN B$_6$

2-, 3-& 4-aminopyridines, comparison of pharmacol. properties 36991

3,5-dinitro-2-pyridone (Ger) 14928

maximum permissible concentration in drinking water, exper. in rats (Rus) 33319

maximum permissible concentration in water reservoirs (Rus) 3804

pyridine-2-aldoxime-methyl iodide technic of detection of alkyl phosphates in pois. cases (Ger) 39029

quaternary pyridine deriv., complex form. with imidazoles 28270

Smiles rearrangement of pyridine deriv. & synthesis of benzopyrido- & dipyrido-1,4-thiazine deriv. 14908

*effects*

alkylated pyridines, testing of muscle relaxant eff. (Ger) 36928

1-benzyl-3-(benzylcarboxy)-pyridinium chloride on blood pressure in rabbits & dogs (Fr) 32929

3,4-dioxy-3,3-diethyltetrahydropyridine, on conditioned reflex activity (Rus) 3553

3-hydroxy-4-hydroxymethyl-5-mercaptomethyl-2-methyl-pyridine & other sulfhydryl compounds, radioprotection in mice & rats (Ger) 32638

2-methyl-1,2-bis(3-pyridyl)-1-propanone inhib. of adrenal cortex funct., clin. trials 48332

on diphosphopyridine nucleotidase activity in animal tissues 40556

on growth, niacin-replacing value of pyridine deriv. in ducklings, review 20033

on mutarotation of sugars (Fr) 36668

oximes of bis-pyridinium ions, protection against lethal diisopropyl phosphonofluoridate pois. in mice 52297

pyridine-2-aldoxime methiodide on isopropyl methylfluorophosphate potentiation of frog rectus abdominis musc. response to acetylcholine 14129

pyridine-2-aldoxime methiodide reversal of diethyl-p-nitrophenyl phosphate- & parathion-induced resp. paralysis in exper. animals (Ger) 29898

pyridine-2-aldoxime methyl iodide protective eff. against exper. organic phosphate pois. 21712

pyridine aldoximes & related cpds., reactivation of cholinesterase after alkyl phosphate inhib. 13390

pyridine aldoximes on response of frog rectus abdominis musc. to acetylcholine 14128

*metabolism*

importance of pyridine nucleus in vital processes, review (Fr) 13839

quinolinic acid enzymic form. from 3-hydroxyanthranilic acid by rat liver slices 3437

quinolinic acid form. from 3-hydroxyanthranilic acid in rat liver homogenate carrying Oberling's myeloma in leukemic phase, eff. of coenzyme I 15016

quinolinic acid in E. coli (It) 13981

*preparation of*

hydroxypyridines (Ger) 14907

imidazopyridine deriv. (Ger) 14929

pyridylalanines (Ger) 13366

*therapeutic use*

pyridine-2-aldoxime methiodide in anticholinesterase pois. 43121

pyridine-2-aldoxime methyl iodide in parathion pois. (Nor) 54974
54975

*toxicity*

eff. of daily oral doses of pyridine-2-aldoxime methyl methanesulfonate on rabbits 11534

***PYRIDOSTIGMINE* see PARASYMPATHOMIMETICS**

***PYRIDOXAL PHOSPHATE* see COENZYMES**

***PYRIDOXINE* see VITAMIN B$_6$**

***PYRIMETHAMINE* see ANTIMALARIALS**

***PYRIMIDINE NUCLEOSIDASE* see PHOSPHORYLASES**

**PYRIMIDINES**

*see also* BARBITURATES

*see also* OROTIC ACID

*see also* PIPERAZINES

*see also* THYMINE

*see also* URACIL

4-amino-3,6-dichloropyridazine, acylation 14898

degradation by hot alkali 2544

*determination*

3,6-dichloropyridazine, eff. of substitution in 4-position on ultraviolet absorp. spectrum 2806

in acid-soluble fraction of animal tissues & cell nuclei 1379

*effects*

on protein synthesis & ribonucleic acid turnover in E. coli pyrimidine-defic. mutant 13780

1-phenyl-3,6-pyridazinediones & 3,6-pyridazinediones, tuberculostatic eff. in vivo & in vitro (Ger) 32317

3,6-pyridazinediones inhib. of mitosis of pea seedlings by interaction with sulfhydryl groups 13724

2-substituted-4-amino-5-hydroxymethyl-thiopyrimidines, inhib. of tumor growth in mice 2672

substituted pyrimidine bases on mitosis in plant cells (Fr) 36310

2-thio-5-methylcytosine inhib. of Ehrlich carcinoma & eff. on thymine-folic acid interaction (It) 33377

2-thio-5-methylcytosine on Ehrlich ascites carcinoma, with aminopterin & ethionine (Ger) 6106

*metabolism*

E. coli, enzymes involved in pyrimidine synthesis 17311

malonic acid & methylmalonic acid form. during catabolism of pyrimidine bases (It) 1944

pyrimidine deriv. of vitamin B1 formed by degradation by shellfish thiaminase 18158

*preparation of*

thiazolo-(5,4-d)-pyrimidines & related cpds.
14899 14900 14901 14902
14903 14904

**PYROCATECHOL**

enzymatic oxidation in vitro, determ. of products formed (Fr) 26299

*related compounds*

2,3-diacetyl-o-pyrocatechuric acid, eff. on urinary glucuronic acid (Fr) 47359

disodium pyrocatecholdisulfonate, protective eff. in exper. vanadium pois. 55004

3-pentadecylpyrocatechol induction of poison oak dermatitis in guinea pigs, eff. of various ther. prep. 9971

polyhydroxybenzoic acids, form. of m-hydroxy- & methoxy-deriv. in man 51003

pressor substances in pheochromocytoma specimen, isolation & physicochem. analysis (Fr) 37849

protocatechuic acid, enzymic form. from 5-dehydroshikimic acid 28257

*therapeutic use*

thyroidal pyrocatechol prep. in hyperthyroidism, with potassium perchlorate potentiation (Ger) 11220

**PYROGENS**

adsorbents & testing methods for pyrogens (Dut) 7959

characterization & properties of bact. pyrogens & their destruction by sterilization processes (Ger) 53096

eff. of cortisone on pyrogenic action of intralumbar pyrexas (Ger) 366

polysaccharides from virulent & avirulent Klebsiella strains, comparison (Ger) 23001

pyrogenic eff. of bact. endotoxins, eff. of polymyxin B (Ger) 30607

pyrogenic eff. of protein C from disintegrated M. tuberc. in normal & tuberc. rabbits 13326

pyrogenic eff. of sterilized bact. suspensions on rabbits, relation to bact. count in inject. 31402

pyrogenic lipopolysaccharides of Proteus vulgaris, isolation & comparison 41333

*effects*

etiolcholane-3α-ol-17-one, thermogenic eff. after intramusc. admin. 17020

on hypothalamus-pituitary-adrenal cortex interaction in humans (Fr) 39893

pyrexal on osmotic & mechanical resist. of leukocytes in normal subjects (Ger) 21612

pyrifer test in bone marrow dis. caused by benzene pois. & x-ray exposure, diag. value (Fr) 341

*in urine*

inducing secondary hyperthermia in rabbits, eff. of hypertonic glucose solution, application to ther. of post-transfusional & post-infusional hyperthermia (It) 39320

*therapeutic use*

pyrexal & pyrogenic lipopolysaccharide from E. coli in nephrotic synd. (Fr) 54868

pyrexal in adnexitis (Ger) 9520

pyrexal in salpingo-oophoritis, eff. on blood proteins & neuraminic acid in blood (Ger) 18938

pyrexal in thrombo-embolic disord. 36036

***PYROPHOSPHATASES** see* PHOSPHATASES

PYROPHOSPHATES

octamethylpyrophosphoramide activation as cholinesterase antag. in fat body of desert locust 25861

*effects*

bact. pyrogen on vasodilat. induced by radiant heat in man 51106

inorganic, on amino acid incorporating system of nucleoproteins in rat liver microsomes 4761

tetraethylpyrophosphate inhib. of new potent reactivators of cholinesterase 42953

tetraethyl pyrophosphate on acetylcholine content in thoracic nerve cords of cockroaches 48466

*metabolism*

algae from Baltic Sea (Ger) 23616

tetraethylpyrophosphate, in vivo hydrolysis, acceleration by A-esterase (Fr) 36604

*poisoning*

octamethylpyrophosphoramide pois. in mice, testing of cpds. for antag. activity 14626

***PYRUVATE OXIDASE** see* DESMOLASES

PYRUVATES

*see also* PHENYLPYRUVIC ACID

structure of pyruvate in aqueous solution 7247

tolerance test in diag. of multiple sclerosis 27032

*effects*

dibromopyruvic acid peripheral & central actions in vitro & in vivo 5745

on musc. of animals & insects pois. with iodoacetic acid, comparison (It) 31723

pyruvic acid, reduction of isoniazid tox. in mice (Ger) 25790

*in blood*

eff. of carbutamide & tolbutamide on levels in diabetes mellitus (It) 27361

eff. of carbutamide, insulin & tolbutamide, comparison & mechanism of action 31431

eff. of cortisone admin. on levels in diabetes mellitus, use as adrenal cortex funct. test (It) 27365

eff. of inject. of sodium pyruvate on pyruvic acid levels in normal cond., diabetes & liver cirrhosis (Fr) 26660

excess pyruvic acid in premature inf., cocarboxylase ther. (Sp) 8838

in exper. vitamin B1 defic. in rats, etiol. mechanism of increase (It) 28062

in plasma & erythrocytes of anemic rabbits after repeated bleedings 35397

local pyruvic acid level in peripheral arterial dis., eff. of hyperemizing surg. (It) 3898

pyruvic acid, eff. of α-lipoic acid (Ger) 12064

pyruvic acid in arterial blood in normal & pathol. states (Ger) 27187

pyruvic acid in normal & pathol. pregn., eff. of glucose admin. (It) 9400

pyruvic acid levels in simple goiter & goitrous hyperthyroidism, comparison of preop. & postop. levels (It) 20987

*in urine*

eff. of fructose in liver cirrhosis (Cz) 26516

*metabolism*

dehydrogenation by Desulfovibrio desulfuricans coupled with reduction of nitrite to ammonia (Fr) 3038

fermentation by Propionibacterium, eff. on carbon balance (Rus) 19101

lymphoid tissue, eff. of desoxycorticosterone on oxidation by cell-free prep. of rat tissue 1397

mechanism of α-lipoic acid mediation in catabolism (Fr) 37784

musc., eff. of 2,4-dinitrophenol & 2,6-dinitrophenol lethal dos. on postmortal musc. content of pyruvic acid in rats (It) 14004

Pseudomonas, enzymic form. from acetylenedicarboxylic acid 4772

purified hepatic enzymatic prep. in synthesis of alanine from pyruvic acid & ammonia (Rus) 37131

transfer of pyruvate to uridine diphosphate N-acetylglucosamine by bact. enzyme system 47963

utilization by Penicillium digitatum, pathway 2561

*poisoning*

exper., comparative eff. of glutathione & α-lipoic acid (Fr) 38647

***PYRUVIC ACID** see* PYRUVATES

Q FEVER

(Pol) 31541

convalescence, clin. & serol. aspects (Pol) 31537

in Nebraska beef & dairy herds 52464

review & case report 17531

*case reports*

(Dut) 7331

(Pol) 53174

in Europeans in Senegal (Fr) 14446

prolonged course with fatal outcome (Rus) 25764

2nd case in Lorraine (Fr) 14428

*complications*

arteriolar thrombosis with extensive gangrene, case report (Fr) 53414

pleuro-pericarditis, case report (Fr) 37913

*differential diagnosis*

pseudoinfluenza synd. in Dakar (Fr) 54030

*epidemiology*

in Bulgaria (Bul) 16431

in cattle, sheep & goats in Arizona 4650

in France, 2d case in Department of Meuse (Fr) 54052

in Gt. Brit. 2242

in Iowa dairy cattle 40398

in Poland, first epidemic (Ger) 28411

in Quebec 26416

in Russia (Rus) 33656 34631 34669 34671

*experimental*

exper. Q fever in forest mouse & fox (Cz) 38158

*immunology*

polyvaccines against intestinal infect. & Q fever (Rus) 55792

Q fever antibodies, statist. in Utah 9425

serol. studies in first epidemic in Poland (Ger) 28412

serol. studies in Netherlands 10521

*manifestations*

liver 20309

unusual manifest. (Bul) 32800

*prevention and control*

vacc. (Rus) 34630

vacc. of sheep (Rus) 34636

vacc., two-stage (Rus) 55791

*transmission*

by cotton in sewing shops (Rus) 22699

by domestic animals (Rus) 34670

by horses in Rumania 9462

QUACKERY

cancer quacks in U. S. 50858

cult of reflexology 9841

escharotic paste in precancerous lesion of lip causing malignant degen. 9819

recognition & prev. in Germany (Ger) 52197

QUARANTINE

in Italy (It) 1117

QUARTZ

*effects*

on collagen fibril reconstitution from acid solution of rat tail tendon (It) 42218

subcutaneous implants of quartz-containing millipore membrane capsules, on tissues of rats (It) 51653

***QUERVAIN'S DISEASE** see* TENOSYNOVITIS

***QUERVAIN'S DISEASE** see* THYROIDITIS

QUINACRINE

*effects*

on tapeworm infect. in dogs, eff. & tox. of sustained action quinacrine 4622

on vitamin B2 in liver during carcinogenesis in rats 23065

*injurious effects*

dermatitis (Pol) 31506

*therapeutic use*

encephalitis, epidemiol., with serother. (Rus) 34690

lupus erythematosus, discoid & disseminated, with chloroquine & hydroxychloroquine 43152

lupus erythematosus, discoid, & light sensitive skin eruptions, chloroquine-hydroxychloroquine-quinacrine prep. 14404

rheum. arthritis, long-term admin. (Dan) 10802

tapeworm infect. (Rus) 18895

QUINIDINE

quinidine polygalacturonate, synthesis & pharmacol. 709

*effects*

on cardiac auricle of rats, dogs, cats & guinea pigs, response to acetylcholine (Ger) 23614

on electrical activity of isolated guinea pig auricle, influence of variations in duration of diastole (It) 37429

on rabbit heart auricle, mechanism of action interpretated from intracellular potential records 14127

paradoxical eff. on coronary blood flow in isolated rabbit heart at various temperatures 15674

*injurious effects*

thrombopenic purpura 37677

*poisoning*

as cause of generalized musc. weakness 48304

ther., sodium lactate, case reports 19861

*related compounds*

hydroquinidine ther. of auric. fibrill. with reserpine (It) 42612

*therapeutic use*

arrythmia (Sp) 15475

arrhythmia, analysis of ther. action, indic. & contraindic. (Ger) 12054

arrhythmia caused by auric. fibrill., metab. & ther. results (It) 3876

auric. fibrill. & flutter, blood levels during ther. (Fr) 47751

47752

auric. fibrill., causing recur. complete asystole (It) 3881

complete arrhythmia caused by mitral insuff. (Fr) 35609

extrasystole, with Crataegus extract, phenobarbital & procaine amide (Ger) 6706

prev. of auric. arrhythmias after mitral commissurotomy (It) 42486

QUININE

*determination*

anion-exchange chromatography in Cinchona alkaloid mixtures (Dut) 53091

*injurious effects*

purpura, thrombopenic (Tur) 22373

*related compounds*

6-methoxy-4-(γ-propyl-α-piperidyl-hydroxymethyl)quinoline, synthesis (Ger) 2814

*therapeutic use*

Ménière's dis. & post-concussion synd., with papaverine (Ger) 49053

Ménière's dis. & vasomotor dizziness, with papaverine, comparison with placebo (Ger) 18956

modern uses, review 5182

quinine-camphor-ethereal oil balsam in ther. of resp. dis., with roll bandage (Ger) 42353

quinine-camphor-ethereal oil prep. in prev. & ther. of postop. resp. tract inflamm. (Ger) 3303

QUINOLINES

*see also* CHLOROQUINE

*see also* DIIODOHYDROXYQUINOLINE

*see also* XANTHURENATES

arylmercapto-hydroxy-quinolines, prep. & antimycotic eff. (Ger) 13372

8-hydroxyquinoline deriv., reactions with formaldehyde (Ger) 36459

*effects*

8-amino-6-methoxyquinolines, leishmanicidal eff. & structural requirements for activity 7155

antrycide immun. against trypanosomiasis in cattle, repeated doses with & without Trypanosoma congolense inject. 47603

benzoquinolisines on brain metab. (Ger) 26993

8-hydroxyquinoline & copper complexes, fungitoxic eff. 39821

6-methoxy-2-(4'-nitrostyrol)-4-(α-methyl-β-diethylamino)-butylamino quinoline triphosphoric acid, on Trichomonas (Rus) 3565

styrylquinolines on exper. tumors in rats 2727

*metabolism*

8-hydroxyquinoline binding by Micrococcus pyogenes aureus in presence of iron 41315

*preparation of*

hydro-isoquinolines (Ger) 47669

3-hydroxymethylquinolizine & deriv. (Ger) 47676

8-hydroxy-2-quinoline acrylic acid deriv. 40369

*therapeutic use*

decamethylene-bis-4-aminoquinaldinium in myasthenia gravis, unusual case with withdrawal sympt. 48266

decamethylene bis-4-aminoquinaldinium in black hairy tongue 53390

decamethylene bis-4-aminoquinaldinium in skin infect. 14227

ethidium bromide-suramin complex control of trypanosomiasis in cattle 47605

ethidium bromide-suramin complex control of trypanosomiasis in cattle, prev. of injection-site reaction 47606

QUINONES

*see also* ANTHRAQUINONE

*see also* NAPHTHOQUINONES

condensation reactions of N-guanidino-p-benzoquinone imine hydrazine deriv. & antibact. activity of 1 deriv. 40387

conversion of aromatic amines to quinones & toxic, allergic & carcinogenic activity of end-products (Ger) 28942

2,5-dimethyl-p-benzoquinone, pharmacol. & antibact. eff. (It) 37265

half-wave potentials of o-quinones in nonaqueous polarography, relation to carcinogenesis of poly-aromatic hydrocarbons 14923

ubiquinone isolation from horse heart, relation to α-tocopheryl-quinone & characterization 1711

ubiquinone, review 52336

*metabolism*

ubiquinone synthesis from mevalonic acid in rats (Ger) 39257

*therapeutic use*

tetrahydroxyquinone in keloids, oral admin. 14

QUINTUPLETS

premature birth & subsequent hosp. & death in Premature Inf. Center in Toulon (Fr) 30477

RABBITS

blood protein analysis by electrophoresis in selection of normal animals for exper. 12770

cottontail rabbits, hosts of fly Cuterebra horripilum in Wisconsin 5605

in transm. of infect. myxomatosis in Morocco (Fr) 18609

in transm. of leptospirosis (Cz) 38160

RABIES

(Sp) 31871

in household animals, prev., post-exposure ther. & euthanasia, indic. 40420

rapid diag. technics in dogs & ther. of dog-bite victims, review (Fr) 6371

*case reports*

(Rus) 45158

*complications*

autonomic toxic synd. (Ger) 25235

*diagnosis*

detection program in Fr. Equatorial Africa (Fr) 13034

eff. of naturally acquired toxoplasmosis in gray squirrel on laboratory diag. of rabies 50716

laboratory tests with Beller's crush prep. & mouse test (Ger) 46225

staining of Negri bodies in paraffin sections with Papanicolaou stain, technic 21967

*epidemiology*

in England, 19th century epidemiol. 20594

*experimental*

eff. of site of inoculation with fixed virus on distribution pattern of virus in CNS, in rabbits, goats & horses 55432

infectivity of salivary glands in latent form of street rabies in rats 46776

interference phenomenon between exper. myeloma virus & rabies virus in simultaneously infected mice (It) 37369

pseudorabies, contact infect. of healthy guinea pigs by infected rabbits (Ger) 25247

pseudorabies in animals, exper. tests (Ger) 25224

survival of guinea pig infected with street virus 40419

*immunology*

16312

antirabies vacc. causing acute demyelinating encephalomyelitis in guinea pigs, histol. 4347

vaccine, freeze-dried suspensions of killed virus prepared from infected whole duck embryo, AMA council report 16662

vaccine of Semple type causing anaphylactic shock in rabbits, comparison with Hempt vaccine (Ger) 36422

vaccine of Semple type, prep. method of Pasteur Institute of Avellaneda (Sp) 39093

*in pregnancy*

causing abnorm. in inf. (Ger) 25218

*pathology*

submaxillary gland in naturally acquired rabies in dogs 45564

*prevention and control*

eff. of simultaneous use of vaccines & immune serums (Ger) 25225

Hempt vaccine, Habel control test (Ger) 55671

in cattle 40414

in foxes, ecol. data applicable to prev. 53668

in Indonesia (Indonesian) 41973

in Wisconsin 11067

prev. & ther. methods in Fr. Equatorial Africa (Fr) 13035

vacc., antihistaminics in prev. of postvacc. compl. (Rus) 45231

vacc. in Delaware, chick-embryo flury strain vaccine 15256

vacc. of dogs in Poland (Pol) 31523

vacc., post-vaccinal encephalomyelitis (Fr) 44755

*statistics*

in Germany (Ger) 15354

*therapy*

43797

maximum curarization & positive pressure endotracheal ventilation (Fr) 953

post-exposure ther. indic. 15255

vacc. causing NS dis. in child. (Rus) 34791

*transmission*

by bats, review (Fr) 6372

*virus*

culture in one-day old fertile hen's eggs, analysis of infective units 16460

culture in one-day old fertile hen's eggs, prod. of high passage strains 16459

culture in one-day old fertile hen's eggs, technic 16461

fixed virus, eff. of temperature (Ger) 36423

interference with homologous & heterologous viruses (Ger) 23835

multiplication of street virus on mouse ependymoma in tissue culture, cytolytic eff. (Fr) 47412

sparing eff. of egg-adapted rabies virus on intracerebral infect. of mice with polio. virus 22609

virulence of vaccinal strains (Pol) 31522

*RACHITIS see* RICKETS

*RADAR see* RADIATIONS

RADIATION COUNTERS

currents induced in ionization chambers through action of high-energy radiation 44395

determ. of saturation losses in standard ionization chambers (Ger) 39416

dosimeter for ultraviolet rays (Hun) 52929

for recording of alpha radiations of rat blood (Fr) 38694

for recording of beta radiations of rat blood (Fr) 38695

free-air ionization chamber, accuracy for measuremeet of extended sources of radiation 8025

gas flow alpha proportional counter, convertion to scintillation type 27816

guarded-field thimble ionization chamber, description 30649

hollow plastic scintillator for beta ray spectroscopy 16350

ionization chamber for gonadal x-ray dosimetry during diag. 8026

liquid scintillation spectrometer technic for counting large samples of radiocarbon-labeled barium carbonate 41042

micro counter tubes for beta- & gamma-ray measurements 50022

new type photoscanner for detection of isotopes in organism (Ger) 15370

Orbán's ionization chamber (Ger) 23741

photoscanning unit made by simple modification of present laboratory equipment 31643

plastic scintillator for absolute counting of β-particles 50023

proportional gas counter for routine assay of tritium in water & labelled substances 8024

pulse reading method for condenser ion chambers 49859

role of wavelength in various ionization chambers (Ger) 39415

scintillation counter (Rus) 6648

scintillation counter, description, mechanism of action & diag. uses (It) 20976

scintillation spectrometer (Sw) 45359

simple efficient beta ray counter for liquid samples 16846

types 23336

well-type scintillation counters, description of automatic sample counter 50024

windowless Geiger counter for weak β-rays (Fin) 49207

RADIATION PROTECTION

40433

(Dut) 50364

acid, dispersion of reactor poisons & the controlled distance required 23300

basic protection factors in diag. x-ray 49960

broad beam attenuation in concrete for 80 to 300 Kvp x-rays & in lead for 30 Kvp x-rays 53738

by ACTH, protection of serum proteins & glycoproteins against lethal doses of x-irradiation, in rats (It) 36813

by Aloe, prev. of skin lesions in radiother. of cancer of various organs (Rus) 10794

by 2-aminoethanethiol & cysteine in reduced metab. (Ger) 9983

by 2-aminoethanethiol, protection of liver & spleen against x-rays (Ger) 32666

by bone marrow autologous infusion in dogs 25927

by bone marrow autologous infusions in dogs exposed to fast neutron irradiation 23314

by bone marrow, diminution of spontaneous leukemogenesis in total body-irradiated AkR mice (Fr) 3059

by bone marrow, factors affecting survival of host & homograft, review 24976

by bone marrow heterografts, antigenic stimuli for transpl. immun. to rat heterografts in lethally x-irradiated mice 23313

by bone marrow suspension, intravenous admin., after x-ray in mice (Ger) 45264

by bone marrow transpl. in prev. of inj. eff. of total body x-irradiation in cancer (Dut) 43054

by bone marrow transplants in mice (Sp) 53334

by chemically induced hypothermia & artif. hibernation in animals (Ger) 9994

by chemicals (It) 19187

by chemicals, review 43590

by chloramphenicol, reduction of lethal eff. of ultraviolet & x-irradiation on E. coli 52442

by chlorpromazine in x-irradiated mice, relation of protective eff. to degree of hypothermia (Fr) 36610

by cholinergic agents in animals (Rus) 51775

by chondroitin sulfate in lethal-dose irradiation of animals (Rus) 6641

by cortisone in skin lesions of rats (It) 9940

by cyanides & cysteine in rats (Rus) 51751

by cysteine, hypoxia, nitrite & organ homogenates in beta ray induction of skin lesions in rats 8520

by cysteine, protection of serum proteins & glycoproteins against lethal doses of x-irradiation, in rats (It) 36812

by dose reduction in diag. & ther. radiol. 51537

by drugs, testing of various cpds. in chicks (Fr) 50018

by α-homocysteine-thiolactone in mice & rats (Ger) 10089

by human blood serum, whole blood & saline in total body x-irradiated mice 10141

by 3-hydroxy-4-hydroxymethyl-5-mercaptomethyl-2-methyl-pyridine & other sulfhydryl compounds in mice & rats (Ger) 32636

by parathyroid extracts, survival of rats after total-body irradiation 29835

by pre-irradiation fatigue in rat 17360

by purified vaccine lymph in mice exposed to x-rays, relation to increase of rate of incorporation of P-32 into nucleic acid of spleen 55430

by somatotropin in x-irradiation in rats (Rus) 31149

by N-(2-thioethyl)-glycine, pharmacol. (Ger) 49367

by thiourea, comparison with cysteine-cystoamine group of protective substances (Ger) 32665

by serotonin in rats 42959

by yeast extract & yeast ribonucleic acid, testing on mice 9569

bsm. decontamination, general considerations 27814

chem. technics, review (Rus) 33462

control & evaluation of aerosol activity from exper. low-power reactor operation 37808

emergency radiation monitoring of drinking water 27811

environmental radioactivity in & around nuclear reactors & safeguards (It) 52103

exposure criteria for evaluating pub. consequences of catastrophic accid. in large nuclear plants 27801

failure to demonstrate protective eff. of epinephrine in chicks 19526

failure to demonstrate protective eff. of isologous or homologous bone marrow inject. in mice in radiogold inj. (Fr) 53988

failure to demonstrate protective eff. of properdin in total body irradiated mice & rats 44145

film-badge method of photographic control of radiol. protection, value in measurement of low doses during prolonged exposure (It) 52108

film badge-monitoring of personnel in diag. x-ray departments 8538

Fr. standards for control of dos. & appar. (Fr) 54840

from ionizing radiations (Fr) 25403

gonad x-ray dose in ther. of benign dis. (Ger) 15872

gonadal dos. determ. in diag. radiography (Cz) 48652

gonadal dose measurement in irradation of genital area 51319

gonadal dosimetry with ionization chamber during diag. x-ray 8026

gonadal, in x-ray diag. of pediatric dis. 48423

handling & processing radiation contaminated linen 16256

health physicist's responsibilities in indust. using radioactive materials 27800

health physics, definition 27798

Health Physics Society, suggested insignias 27804

27820

hosp. zones in protection against radium (Rus) 39611

in chest x-ray exam., dosimetry & prev. of inj. 54634

in dent. 52943

in dent. roentgenography, responsibility of dentist 6430

in diag. & ther. (Fr) 39858

in diag. & ther. irradiation, permissible dos. & prev. of inj. 51578

in Gt. Brit., pub. health program 20586

in gyn. & obst. x-ray diag. (Sw) 52725

in indust. 20587

in indust., code of standards for nuclear energy for use by insurance companies 476

in indust., waste disposal from atomic energy establishments 21519

in laboratories using radioisotopes in research (Cz) 30957

in med. (Dut) 55868

in med. practice, medicolegal responsibility of radiologist (Fr) 36102

in med. radiography 11090

in obst. x-ray 12673

in physics research, review 36333

in pregn. by electronic photographic technic 35741

in radiol. departments (Rus) 39601

in roentgenography (Hun) 10576

in roentgenography (Sw) 10578

in roentgenography, responsibility of physician 6429

in roentgenography, safety measures 4684

in Russia (Rus) 39595

in use of radioisotopes (Fr) 51061

in using Chaoul's tube (Hun) 29169

in x-ray departments (Hun) 29168

in x-ray diag. 28537

in x-ray diag. & radiother. (Ger) 42934

in x-ray diag., fluoroscopy & radiother. (Fr) 45544

in x-ray diag. of inf. & small child. (Ger) 15347

in x-ray diag. of skin dis. (Ger) 22980

integrated air sampling program for radioactive plants 27803

Internat. Commission on Radiol. Protection, hist. 27805

maximum permissible concentration calculations 23327

maximum permissible internal dose from occup. exposure, review 27807

maximum permissible radiation exposures to man 27819

methods of reducing radiation exposure from dent. x-ray units 53730

National Committee on Radiation Protection & Measurements, hist. 27790

of ambulance personnel during conveyance of patients containing radioactive materials 52184

of anesthesiologist in diagnostic radiol. requiring anesth. 12959

of indust. workers, against ionizing radiations 41431

of patients & personnel during urographic procedures 33099

of physicians in radioscopy stations of indust. med. serv. of Lyon region in France, radiometric survey (Fr) 47762

of population & workers in vicinity of reactors, legal & technical aspects of radiometric measurements (It) 52109

of radiologists (Fr) 41372

of radiologist's hands in skin pencil markings by visual control device (Ger) 39391

of skin by adhesive decontamination (Ger) 10007

phys. control of radioactive contaminations (It) 42735

possible health hazards assoc. with laundering of radioactively contaminated protective clothing 27813

practical methods of minimizing radiation risk in x-ray diag. & ther. 39176

prev. of somatic & genetic inj. 9259

primer for physicians, review 48439

problems 20306

proposed international milk teeth radiation census for detection of amount & kind of radiation throughout the world 7146

protecting & cleaning hands contaminated by synthetic fallout under field cond. 23315

pub. control of radioactive liquid wastes in Pennsylvania 20884

radiation exposure as reasonable calculated risk 27799

radiation safety in diag. & ther. procedures, current status 10441

radioprotective substances (It) 19217

rational use of x-ray in med. & dent. & protective measures 55421

regulations governing shipment of radioactive materials in U. S. 34867

review (Ger) 7113

role of radiologist in community protection 47234

sanitary rules for protection (Rus) 39605

shielding against gamma radiation, graphic determ. of shield thickness (Fr) 17990

transfer of donor immunol. reactivity of x-irradiated mice by injected parental bone marrow 47116

U. S. pub. health control of hazards of nuclear energy 8449

waste disposal at University of California Radiation Laboratory 11546

waste disposal by chem. decontamination of feed process wastes 23330

waste disposal by sintering 23331

waste disposal in desert basins 27818

waste disposal in hosp., fume hood & discharge of gases 52164

waste disposal in soil, criteria & technics of site selection & monitoring 27810

waste disposal into geol. structures 23332

waste disposal into soil 23333

waste disposal research with use of analytic methods for determ. of radioactive contamination 23329

***apparatus and instruments***

appar. for protection of testes during x-ray ther. of disgerminoma 42089

appar. for transport of radioactive prep. (Rus) 55260

armadillo-type clothing for gonadal protection during x-irradiation 18410

continuous automatic environmental air sampler 27817

device for distance decontamination of polluted surfaces (Rus) 39612

fixed collimating cone & detachable flat pyramidal applicator for reduction of radiation exposure 8537

fluoroscope apron for gonadal protection in x-ray ther. 20936

hot-wet uniform in contact with skin in protection from burns from nuclear weapon pulses 23308

lead filter for protection of handler in radium ther. (Ger) 15873

mobile lead screens for protection of nurses in radium wards 37638

protective cone for routine urol. radiography 5940

shield for use in chest radiography of child. 37637

**RADIATIONS**

***see also*** **ATOMIC ENERGY**

***see also*** **ATOMIC WARFARE**

***see also*** **COSMIC RAYS**

***see also*** **GAMMA RAYS**

***see also*** **INFRARED RAYS**

***see also*** **ISOTOPES**

***see also*** **ROENTGEN RAYS**

***see also*** **ULTRASONICS**

***see also*** **ULTRAVIOLET RAYS**

alpha irradiation of parts of single cells in tissue cultures, technics & dosimetry 39279

applications of radiation in sanitary engineering, review 53669

centimetric radar in detection of bird migration 53484

contamination of water supply, prev. & decontamination (It) 39696

coverage of US Pharmacopeia on radiation (Ger) 20333

dosimetry 27797

dosimetry, absorbed dose & linear energy transfer in radiation exper. 53737

dosimetry, allowable levels & actual environmental levels (Fr) 14409

dosimetry applications 23334

dosimetry by transparent plastics 44296

dosimetry, chem., review 50819

dosimetry, exper. physics 23337

dosimetry, highly sensitive chem. dosimeter for ionizing radiation 19510

dosimetry, individual photographic dosimetry of ionizing radiations in event of atomic attack, technic (Fr) 21253

dosimetry of electron beam from 4 MeV accelerator (Fr) 18018

dosimetry of personnel at the 60-inch cyclotron area 11545

dosimetry, specification of radiation dose in radiol. literature 20956

dosimetry, theoretical physics 23336

dosimetry with ionization chambers employing internal gas multiplication 27796

eff. of increased basal metab. on sensitivity of rats (Ger) 9984

etching of radiation damage in lithium fluoride 7174

evaluation of radiation tolerance levels in man 18259

food contamination 31574

high-power radar in detection of bird migration 53485

in med., future perspectives 38836

indust. uses, hazards, biol. eff. & protection of workers 41421

lethal dose calculations, probit analysis & frequency ratio method (Fr) 50017

loss of primary radiation due to grid movement, centering deviations & varying focus-grid distances, mathematical determ. (Ger) 3617

nature of radiation 31572

probability of human contact & inhalation of particles 49861

radiation exposure records, application of electronic data processing methods 49860

radical yields in aqueous solutions irradiated with 10.9-Mev deutrons, 21.3- & 3.4-Mev $\alpha$ particles & B(n, $\alpha$) Li recoil 44299

radiobiol., basic concepts (Rus) 10797

radiobiol., cellular, review 36334

radiobiol., contribution of current research to radiother. 12688

radiobiol., information theory, review 36335

radiobiol., problems (Rus) 10798

radiobiol. problems & research, review (It) 44318

research trends 33032

resist., blood platelets, hemopoiesis & properdin in (Rus) 22615

responsibility of proper use in med. profession (Por) 12914

scattering of microwave radiation by plasma column 19515

scintillation spectometry in activation analysis of radioactive chem. substances (Sw) 45358

spectral distribution of electron flux in beta-radioactive medium 27793

technics for exposure of mice to aerosols of radioactive particles 55892

tolerance in radiation chimera, review 10407

uses in research, med. & indust. 31573

***determination***

beta ray spectroscopy using hollow plastic scintillator 16350

ionizing, measurement (It) 44807

measurement, principles 31575

technics & value in legal medicine (Fr) 250

units of measurement (Fr) 53992

W values for heavy particles 27794

***effects***

activation of catabolic enzymes (Ger) 9989

after-eff. on E. coli mutant 20928

beta rays, acute eff. of partial-body irradiation of mice 2130

beta rays, degradation of methionine in vitro 19635

beta-rays, eff. of internal irradiation on exper. aseptic inflamm. (Rus) 7783

beta rays, fractionated, on rat skin 8534

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

beta rays on aqueous secretions in rabbits 47084

beta rays on chromosome movement in mitosis 38462

beta rays on mitotic activity in skin of young rats 50649

beta rays on Proteus P18 strain 19480

biol. eff. (It) 13116

biol. eff. of ionizing radiations (Fr) 21357

biol. eff. of weak doses (Fr) 14414
14418

cellular changes 13262

chem. aspects, review 37609

chem. basis of biol. & biochem. eff. (Ger) 10013

comparative measurements of depth eff. of various rays (Ger) 10020

delayed gastric empyting in rat, eff. of cysteamine & menadiol tetrasodiumdiphosphate, comparison with normal rat 14124

deuteron irradiation of pituitary gland in rats, long-term eff. 49264

eff. of hypothermia on survival & blood count (Cz) 38253

exper. induction of tumorisation in fern prothalli 31699

fetal irradiation, on higher nerv. activity in adult rats (Rus) 37182

impact of environmental radiation on total health 27809

inactivation of aqueous solutions of lactic acid dehydrogenase by ionizing radiations 23279

inactivation of mice in response to initial irradiation 19622

induction of direct & indirect changes in proteins & amino acids (Ger) 9993

induction of necrobiosis in ascites tumors of Wistar rats, eff. of intravenous inject. of carbon suspension (Fr) 26812

inhib. of desoxyribonucleic acid synthesis, eff. of cysteine in rats (Ger) 9982

metab. eff. demonstrated by urinary desoxycytidine as evidence of radiation changes 19492

31-MeV betatron & 180 keV, comparative genetic eff. on Drosophila melanogaster (Ger) 30276

microwave stimulation of warmth sense organ in man, comparison with infrared rays 16829

milk contamination after uranium fire in reactor at Windscale, England 53656

modification by chem. means 31491

mutant plastids in fern, genetics (Ger) 34392

on aging, review (Rus) 6649

on animal life, research (Ger) 46026

on antibody form., relation to biol. factors (Ger) 32631

on antibody form., review (It) 19189

on Ascaris lumbricoides & suum eggs, invasive capacity of larvae (Rus) 51736

on bones in child. 829

on cancer cells, correlation between sensitivity & partial anaerobiosis & increased fermentation (Ger) 47724

on cancer, increased tumor cell susceptibility at elevated temperatures 12689

on carotene & vitamin C content of food products (Rus) 33624

on child. (Ger) 15413

on chromosomes, breakage at high radiation dose-rates 7143

on CNS, tolerance in various dia. 31496

on cytomorphol. of kidneys, liver & spleen of mice, electron microscopy (Ger) 9976

on cytomorphol. of wound exudate in exper. wds. in rabbits (Rus) 27314

on desoxyribonucleic acid synthesis 52338

on desoxyribonucleic acid synthesis 52339

on develop. of bony callosities in closed fract. of long bones in radiation sickness in rabbits (Rus) 10887

on E. coli, isolation & mechanism of develop. of radiation-sensitive mutant 47956

on E. coli virulence after irradiation of infected dogs (Rus) 55833

on exper. exogenous infect., review (Rus) 22490

on exper. healing of wds. (Rus) 10684

on eyes, review 7426

on eye, review (Rus) 33517
45715

on ferriprotoporphyrin in aqueous alkaline solution 46377

on flour, eff. of feeding to dogs on growth 55006

on gastrointestinal system. funct. (It) 19223

on lipid biosynthesis, eff. of diphenylethylacetic acid in rats (It) 13965

on liver regen., eff. of 2-aminoethanethiol (Ger) 45265

on management of & recovery from military inj. & dis. 6773

on morphine-ether anesth. in surg. of gunshot wds. of intestines in acute radiation sickness of dogs (Rus) 10886

on mouse brain of several genotypes 11746

on oxygen consumption in relation to temperature in rat 4323

on penetrating gunshot wds. of abdom. in acute radiation sickness of dogs (Rus) 10885

on penetration of sodium into CNS 50016

on phage-infected bact., relation of funct. & genetic radiation damage 45828

on polymethylmethacryiate, protective eff. of added substances 31605

on rabbit crystalline lens, dose-eff. relationship (Ger) 15871

on Sarcina species, resist. in relation to carotenoid content 8518

on surg. endurance of mice (Hun) 41610

on tissue metabolism (Bul) 45282

on urinary 17-ketosteroid excretion in cancer patients (Ger) 11179

on vitamin B1 solution, role of dos. range, time factor, radiation quality & mechanism of reaction (Ger) 15853

physicochem. eff. on bovine fibrinogen in vitro 8521

proton radiation on anaplastic squamous carcinoma & normal skin in rabbit ears 35484

radar, human tolerance 16596

radiation by secondary cascade showers on oxygen uptake of Micrococcus pyogenes 34484

radiation preserv. of food, microbiol., review 25124

radiochem. synthesis of amines, amino acids & other organic cpds. (Ger) 55559

relative biol. effectiveness of ionizing radiations, review 31489

sensitivity of enzymes in dry state to radiation 42958

somatic eff. of low-intensity radiation on spermatogonia & grasshopper neuroblasts 14425

sterilization of foods (Rus) 39604

sterilization of insect pests as insect control technic 2219

ultra-high-frequency radiation, biol. eff. 19860

UN report on eff. of environmental, med., indust. & other types of radiations 6140

***injurious effects***

***see also*** RADIATION PROTECTION

20581

(Fin) 32483

acid. nuclear exposure at Oak Ridge Atomic Energy Plant 34842

acute radiation syno., clin. picture 4495

beta rays, external, causing intestinal lesions in mice, histopathol. 5694

biol. hazards 28538
50666

biol. hazards, review (Ger) 49310

blood vessel changes, determ. by angiography in animals (Rus) 10823

bone marrow damage, bone marrow transpl. 14767

bone marrow damage in rats, eff. of bone marrow cell suspensions from normal rats on regen. (Ger) 9977

bone tumors in man & animal, radiation dosimetry 32679

burns to white rat skin for nuclear weapon pulses of intense thermal radiation 23307

cancer of thyroid, late develop. 14200
14208
14213

cancer, review 26403

cataract & other eye inj. (Bul) 41571

chronic radiations sickness, early manifest. & diag. (Rus) 9851

cystitis, clin. features & ther. in women 16566

dependence of somatic radiation damage on linear dos. (Ger) 34239

diag. & ther. 16338

eff. of antibiotics in exper. animals, review (Rus) 7781

eff. of colloid infusin in combined ther. in dogs (Rus) 52951

eff. of nutrition on course of radiation inj. in animals, review (Rus) 33623

encephalopathy in early childhood, diag. (Ger) 45263

evidence for uniform life-shortening predicted by information theory, mathematical formulae 11542

expert testimony (Ger) 22866

femoral nerve neuritis (Rus) 45186

genetic damage 20582

genetic damage caused by ionizing radiations 6135

genetic eff. in man (Fr) 31958

genetic eff. of ionizing radiations, evaluation & sources (Ger) 14421

genetic eff. of ionizing radiations on man (Fr) 14423

genetic hazards (Sp) 32458

genetic hazards in man, relation to environmental factors & type of radiation (Ger) 14422

genetic hazard of ionizing radiations 7194

hazards 16176
27069

hazards (Af) 9811

hazards (Fr) 39850
50365

hazards for nurses 19992

hazards in chest x-ray exam. of college students 54633

hazards in diag. & ther. irradiation & fallout, evaluation 55418

hazards in gyn. & obst. 20079

hazards in indust. 18738

hazards in med. practice 6464
18739

hazards in med. practice, review 45558

hazards in military & naval med., sources 27

hazards, need for educ. 31571

hazards of repeated exposure of anesthesiologists 35985

hazards, primer for physicians, review 46439

hazards, pub. health factors 47200

hazards, review (Ger) 54323

hazards to occup. health nurses 12366

health hazards from powerful radio transmissions 52340

hemotol. changes in guinea pigs (Rus) 44012

hematopoietic depression, ther., stored autogenous bone marrow infusion 24975

hemorrh., comparative effectiveness of fresh & lyophilized platelets in control in rats 44134

in diag. of various dis. 20584

in radiologists 24651

late eff. of chronic irradiation (Ger) 14419

late eff., review 11747

leukemia 28972

leukemia, epidemiol. studies & dose-response relations 14424

leukemia, evaluation of data 5427

leukemia in man, incidence in relation to dose 11917

leukemia, monocytic, clin. pathol. conf. 580

leukemia, review 1772
41276

leukemia, review (Rus) 6026

leukocyte degen. in rats & mice (Ger) 9978

medicolegal aspects of damage due to ionizing radiations (It) 42717

morphol. changes in hemopoietic organs, pathol. (Ger) 39860

mutations, relation of radiation dos. to mutation frequency 44956

narrowing of attention in rhesus monkeys after sublethal radiation exposure 23280

of small doses 2361

of small doses (Ger) 3616

on cranium (Rus) 45773

on erythropoiesis, damage & recovery in monkeys exposed to nuclear radiations based on radioiron metab. 47128

on hemopoietic system (Ger) 33824

on iron metab. in blood, liver & spleen in exper. radiation-induced anemia (It) 53791

on skin, expert testimony (Ger) 22895

pathol. disord., med. & legal aspects in Belgium (Fr) 28230

prenatal & postnatal damage (It) 29709

prev. & ther. eff. of ultraviolet rays (Rus) 39614

prev., clin. manifest. & ther. (Rus) 9850

probability principle in causality of irradiation damage (Ger) 46027

radiation sickness, anti-leukocyte antibodies in (Rus) 8257

radiation sickness, detection by measurement of neuromusc. excitability (Fr) 41374

radiation sickness, ther., blood transfusion 14282

radiodermatitis, occup. cases (Fr) 2381

review (Bul) 32811

safety serv. after accidental irradiations 10846

skin changes (Rus) 45859

skin lesions, ther. (Ger) 32669

sympt. & mechanisms of develop. (Ger) 9998

ther. of somatic radiation inj. (Ger) 10000

thrombopenias in chicks, eff. of various substances (Fr) 32196

tissue damage, physics 23335

to fetus 18734

ultra-high-frequency radiation induction of cataracts, failure to demonstrate in rabbits 11594

vasc. tissue changes in wds. in rabbits (Rus) 27309

**RADIO AND TELEVISION**

closed-circuit color telecasts of surg. operations at Univ. of Aix-Marseille (Fr) 53383

contrast expansions of single roentgenograms by television 47231

Fechner color illusion on television 794

hazards of microwaves 14238

health hazards from powerful radio transmissions 52340

in resp. physiol. research (Rus) 15770

instantaneous cardiac exam. & consultations from distant point by radio & teleradiophotography (Fr) 31108

kinescope for television (Fr) 32387

radiotelemetering capsule for recording of intraluminal gastrointestinal pressures 39461

Rochester, N.Y., Health Forum's television program 28142

swallowable radiotransmitter for transm. of data on intestinal cond. & processes, construction & operation (Ger) 11181

teleradioscopy in x-ray photography & in x-ray cinematography, appar. & technic (Fr) 53412

televised fluoroscopy of bile ducts (Fr) 41400

televised surg., teaching value 7531

television as teaching aid in dent. educ. 46371

television-controlled pendulum radiother. 2138

television courses in post-graduate dent. educ. 50140

television, hosp. educ. uses 4101

television in cardiac catheterization, with image amplifier (Fr) 54047

television in endoscopy (Ger) 15361

television in x-ray 4102
4103

television in x-ray image intensification 26154

television light flickering inducing convulsions (Dan) 22427

television pick-up tubes for screen intensification 26092

television scanning technics in diag. roentgenography & dose levels 26091

television spectacles (Ger) 28914

television technics in radiol. (Fr) 38809

transm. of body funct. measurements as aid in diagnosis 42836

two-way radio conf. in post-graduate med. education program 19906

two-way radio conf. on psychother. for postgraduate educ. 30179
19917

**RADIOACTIVITY**

appar. for measurement & simulation of radioactivity (It) 52107

beta ray dose rates from terrestrially distributed sources 8519

coverage in U. S. pharmacopeia (Ger) 43616

external environmental radiation measurements in U. S. 46368

fission products in atmospheric dust, scintillation spectrometry (It) 53820

large-scale release of radioactivity as pub. health problem 31577

natural radiation sources 20583

natural radioactive aerosols in air, determ. (Rus) 39597
39606

natural radioactive aerosols in air, determ. (Rus) 39607

natural radioactivity of earth, possible relation to number of cases of leukemia (Fr) 3041

naturally occurring $\alpha$-ray activity of foods 49852

of atmosphere & water in Switz., control (Ger) 14413

of atmospheric dust & rainwater in Switz. (Ger) 29782

of atmospheric dust, method of sampling for determ. (Rus) 39608

of foods & animals 6774

of soil, hyg. characteristics (Rus) 39600

of Swiss foods (Ger) 40195

of water & bottom deposits of city ponds (Rus) 39599

radioactivity due to fission products in biol. material 42952

solar & terrestrial radiations, eff. of air pollution 40138

statist. on radioactivity in people & milk, 21681

**RADIOAUTOGRAPHY**

26405

application in cytochem. research 3765

automatic & visual grain counting methods 51295

automatic counting of microradioautograms, methods 51293

bibliog. of biol. applications 11547

conf. 51289
51315

controlled staining of radioautographs, technics 41972

correct selection of histol. technics (Pol) 32177

factors influencing latent image 32618

in localization & measurement of radiation dos. of plutonium & radium in dog bones 51302

in measurement of radiation dos. distribution 51300

in measurement of radiation dose-rate in rabbit bones after admin. of radiostrontium 51301

liquid emulsion technic with tritium 51296

of adenosine phosphates in striated musc. of frogs 51111

of bacteriophage desoxyribonucleic acid replication 51307

of blood radioisotopes (Rus) 51774

of CNS protein metab. in rabbits (Ger) 47905

of desoxyribonucleic acid metab. 51305

of desoxyribonucleic acid synthesis in HeLa cell cultures in relation to mitosis & turnover time 51310

of fibrous tissue in exper. liver cirrhosis 46491

of frozen tissues (Rus) 25913

of fungi through a layer of soil & in agar culture 19544

of in vitro activated tissue sections in metab. disord. & cancer 51297

of labeled amino acids in study of pigments of insect integument (Fr) 26899

of labeled rose bengal localized in guinea pig & rabbit liver (It) 37445

of lead in various organs (It) (It) 55631

of leukocyte form. 44115

of nucleic acid & protein turnover in mammalian neuraxis 40594

of nucleic acid metab. 51304

of permeability of caseous material from human & exper. sources to labeled rose bengal (It) 37446

of plutonium deposition in human skin 35465

of plutonium-induced lung tumors in rats 51299

of protein metab. in lymph nodes & spleen, determ. with radiosulfur-labeled cpds. (Ger) 39241

of radiophosphorus incorporation into genital organs during estrus cycle in rats (It) 13955

of radiophosphorus uptake by rabbit & guinea pig ovary (Ger) 39540

of radiophosphorus uptake in diag. of uterine cancer (Ger) 46084

of radioyttrium metab. in guinea pigs (Ger) 10004

of relation between nucleic acids & protein synthesis 51306

of sulfate mucopolysaccharide metab. in cartilage of osteolathyric rats & chicks 44087

of sulfomucopolysaccharides in connective tissue of exper. skin tumors in mice & Rous sarcoma in fowl 51308

of transplanted tissues 51298

of tritium-labeled cytidine & thymidine in study of nucleic acid metab. of pancreatic cells 51314

of tritium-labeled cytidine in study of ribonucleic acid metab. 51313

of tritium-labeled thymidine in chromosome studies, eff. of tritium on interpretation of results 51311

of tritium-labeled thymidine in lymphocytes in thoracic duct of guinea pig 42993

of tritium-labeled thymidine in study of desoxyribonucleic acid synthesis & cell turnover in hemopoietic tissues 51309

of tritium-labeled thymidine in study of neutrophilic granulocyte develop. in dogs 20758

of tritium-labeled thymidine in study of renewal of cell populations 51312

of uptake of radiocarbon-labeled curarine by end-plates in phrenicotomized mice after admin. of neostigmine & 2-diethylaminoethyl 2,2-diphenylvalerate (Ger) 39917

of uptake of radiosulfur-labeled sulfate by epiphyseal cartilage in x-irradiated mice 51303

performance of stripping emulsions, improvement methods 51290

photogammagram in determ. of radioisotope distribution (Ger) 10005

photographic impression of tissue containing radioisotopes (Rus) 10795

photoscanner & new method of recording photo-gammagrams (Ger) 32674

photoscintigraphy in tumor localization (Ger) 10008

qualitative & quantitative, evaluation (Ger) 10003

radioautogram evaluation by grain counting, instrumentation 51292

radioautogram evaluation by track or grain counting 51291

radioautogram evaluation, matrix theory 51294

radioautographic technic for measurement of dose distribution 51300

scintigraphy, electronic method for improvement of contrast (Ger) 9975

scintigraphy of heart, liver & thyroid 16347

scintigraphy of heart, liver & thyroid by automatic radioisotope scanning system & representation on film 16347

scintigraphy of liver, with x-ray, after admin. of radio-gold (It) 19241

scintigraphy with cholecystography after admin. of radioiodine-labeled cistobil (It) 19239

scintigraphy, with radio-gold, in diag. of liver neoplasms (It) 19242

technic for prep. of frozen tissue sections for radioautography in refrigerating chamber with built-in microtome (Ger) 29908

technic for serial prod. of radioautograms from frozen tissue sections with optimal contact between section & film (Ger) 39909

*RADIOCARPAL JOINT see* **WRIST**

*RADIOCOBALT see* **COBALT,** *radioactive*

*RADIOGOLD see* **GOLD,** *radioactive*

*RADIOIODINE see* **IODINE,** *radioactive*

*RADIOISOTOPES see* **ISOTOPES**

**RADIOLOGY**

***see also* ROENTGENOLOGY**

applications of natural law of growth 31615

contribution of Edward O. Lawrence 53745

current progr. (Fr) 44714

epidemiol. aspects (Rus) 55760

facilities & educ. programs in Ceylon 8541

in E. Germany (Ca) 48662

in Royal Army Med. Corps 18043

in Russian rural areas (Rus) 45767

International Commission on Radiol. Units & Measurements, hist. 49856

malpractice suit against radiologists 7460

new central Radiol. Institute of Kantonsspital at Aarau (Ger) 10733

office radiol. 24665

progr. in electroradiol. (Fr) 41110

relation of radiologist to x-ray technician & patient 11094

responsibility of radiologists in use of radioactive substances & radiations (Fr) 36103

***apparatus and instruments***

selenium rectifiers, problems in use with radio-diag. instruments (It) 8551

***education***

cancerol. educ. for radiologists (Fr) 24181

***history***

in Fr. Canada (Fr) 55118

military radiol. 24666

**RADIOTHERAPY**

as med. specialty 31499

axis dose sliding charts for determ. of depth dose distribution along axis & time required for it 6564

beta rays, adjunct to glaucoma surg. in Negro 47034

betatron ther., indic. (Ger) 381

contact (Bul) 41565

contribution of contemporary radiobiol. research 12688

contribution of Alfred Reisner (Ger) 15881

cycloradiother., method for establishing isodose curves (Fr) 41369

department at Mount Vernon Hosp., Northwood, England 14077

dose distributions in arc ther. in 200 to 250 kV range, systematic measurements in homogenous phantoms with the beam direction perpendicular to oscillation axis (English, Ger) 46720

dosimetry, detection & measurement of x-radiation by means of crystals 29773

dosimetry in kinetic x-ray ther. (Sp) 3319

grenz ray, superficial x-ray & supervoltage radiotherapy, methods & indic. (Fr) 49741

grid method, maximum, minimum & medium depth dose, hazards of underdos. (Ger) 32650

grid ther. (Ger) 46114

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

grid ther., cross-fire method of use of multiple fields (Ger) 32661

high-energy electron beams in radiother., evaluation (It) 6952

indic. & methods (Ger) 3249

insertion of aluminum foil for improvement of electron depth dose distribution of 15 MeV betatron (Ger) 32637

integral doses at 200 kV & 8 MeV, exper. study with models 37628

ionization dosimetry (Ger) 32630

linear cine-roentgenother., method & practical uses (It) 31659

moving field ther., automatic regulation of tubular stream strength (Ger) 9996

nursing care in 14734

pendulum ther., television-controlled 3138

progr. 31486

psychol. relation of ther. technician to patient 11101

radioisotopes, classif. & indic. for admin. (Fr) 21358

21359

review 18704

review (Fr) 24256

review (Ger) 7113

rotation, method of dosimetric determ. (It) 29655

supervoltage, methods (Fr) 13134

supervoltage, radiobiol. principles (Ger) 45270

time-dose relationships 31490

train. & consulting programs 35846

ultra-fractionated x-ray ther., review & clin. results 31492

***apparatus and instruments***

betatron detector (Rus) 55258

centrator for rotational telether. (Rus) 55256

double tube with built-in diagnosis focus (Ger) 32644

endoscopic limiter for direct endoroentgenother. (It) 44317

fast decaying beta emitter for surface ther. (Ger) 32636

fine focus appar. in gynecol. radiother. (Ger) 39545

45 million volt linear accelerator as source of electrons in ther. of deep-seated cancer (Ger) 9997

4 MeV linear accelerator 37612

linear accelerator, optimum machine for large scale x-ray ther. practice 51612

wedge filters for use on 8 MeV linear accelerator 37619

x-ray tube with rotating cathode for prod. of convergent beams (It) 8549

***complications***

allergic cutaneous reaction, atypical case (It) 29606

aplasia of one breast after deep x-irradiation of mediastinal sarcoma in young girl (Fr) 41369

bladder ulcer in ther. of female genital cancer (Ger) 29106

cancer of thyroid in child. 8223

cancer of thyroid in child. after radiother. in early childhood 40372

cataract in radiother. of cancer of eye & adjacent structures, determ. of dos. necessary for induction of cataract & prev. measures 8563

corna cutaneum ther. of lupus vulgaris (Ger) 39396

dent. lesions & mandibular necrosis in oral cancer ther. (Rus) 10793

fatal reaction in cancer of cervix (Ger) 39484

fract. of clavicle, case reports (Fr) 41399

fract. of femur neck (Ger) 33211

glaucoma following radiother. of cancer of nose, case report 14116

herpes zoster in ther. of breast cancer (Pol) 20467

leukemia (Pol) 53182

leukemia after x-ray ther. of ankylosing spondylitis (Ger) 11290

leukemia in ther. of polycythemia vera, clin. pathol. conf. 40294

leukopenia, prev. by blood transfusion (Rus) 51763

leukopenia, ther. (It) 27765

leukopenia, tissue ther. (Rus) 10833

malignant degen. caused by irradiation of benign cond. 52632

mucosal reactions, prev. & ther. (It) 53755

myxosarcoma & scirrhous carcinoma develop in irradiated area in ther. of asthma (Ger) 32642

necrosis of perineum, repair with scrotal flap 5213

nephritis 35735

osteoradionecrosis of jaws, review 30357

pathol. eff. on spleen in ther. of leukemia & lymphoma 20944

perichondritis in patients with cancer of larynx (Rus) 55230

proctitis, chlorquinaldol ther. (Ger) 55376

pulm. dis. (Fr) 29199

radiation sickness, ther., blood transfusion 14282

radiation sickness ther., α-(p-chlorophenyl)-α-methyl-benzoyl-N, N-dimethyl-ethylamine-8-chlorotheophylline-caffeine prep. (Ger) 39084

skin & mucous lesions in tumor ther. (Ger) 32651

superimposed thrush infect. following radiother. of mouth & neck 53733

ulcers in ther. of breast cancer with perf. of chest wall, case report (Ger) 54946

urinary tract disord. in ther. of cervix neoplasms (Fr) 41367

vesicovaginal & rectovaginal fistula caused by late radionecrosis, colpectomy, case reports (Fr) 28685

***history***

review 31487

***in various diseases***

acromegaly 25125

acromegaly (Rus) 31159

angioma of spine (It) 39688

arthroses, vertebral (It) 29608

asthma in child. (Rus) 10804

basal cell carcinoma of skin after surg. 47841

bone marrow dis., total-body irradiation followed by normal bone marrow transpl. 37222

calcaneal spurs, small x-ray doses (Ger) 34535

calcific bursitis of shoulder joint (Rus) 54559

cancer 10249

26404

32368

cancer (Por) 13600

cancer, alone & with surg., review (Fr) 33429

cancer & benign dis. 14072

cancer, common & contrasting properties of supervoltage x-ray ther. & cobalt bomb 31860

cancer, contact x-ray ther. (Fr) 41375

cancer, conventional & supervoltage 41153

cancer, convergent beam ther. (Fin) 27284

cancer, correlation with progr. in nuclear physics (It) 15903

cancer, eff. on bone marrow & peripheral blood (Rus) 10837

cancer, equip. 31488

cancer, grid irradiation (Hun) 29167

cancer in child., statist. 17279

cancer, incurable cases, value 29771

cancer, indirect eff. during x-radiation 38079

cancer, intraoperative admin. (Ger) 18344

cancer of base of tongue, betatron 22 MeV (Fr) 47469

cancer of bladder, indic. & results (Por) 53868

cancer of bladder, supervoltage x-ray 14172

cancer of bladder, with surg. 14764

cancer of brain in child., clin. statist. (Fr) 45011

cancer of brain, tolerance of brain tissue & sensitivity of tumors to irradiation 46719

cancer of breast 22104

cancer of breast (It) 20997

cancer of breast & uterus, eff. of age on blood picture (Ger) 46070

cancer of breast after simple mastectomy 47842

cancer of breast, after surg. (Ger) 6062

cancer of breast, alone & with surg., review 54510

cancer of breast & stomach, x-irradiation of pituitary (Ger) 49012

cancer of breast, indic. 9823

cancer of breast, multiple recur. (Ger) 51262

cancer of breast, preop. (Rus) 55333

cancer of breast, postop. x-ray ther. (Fin) 27298

cancer of breast, preop. & postop. x-ray ther. (Ger) 45994

cancer of breast, with mastectomy, eff. on skin transpl. tolerance 47589

cancer of breast, with radical mastectomy, follow-up (Hun) 51432

cancer of breast, with surg., statist. on survival rates 12677

cancer of bronchi (Fr) 50561

cancer of bronchi with hypertrophic pulm. osteoarthropathy (Bul) 32823

cancer of cervix 3935

20508

38599

cancer of cervix (Dut) 43035

cancer of cervix (It) 8458

9401

cancer of cervix (Por) 23735

cancer of cervix (Rus) 46823

cancer of cervix (Sp) 8945

cancer of cervix, blood protein changes, eff. of antireticular cytotoxic serum (It) 25690

cancer of cervix, causes of radiation resist. (Ger) 10017

cancer of cervix, comparison with surg., statist. 10133

cancer of cervix, cytol. evaluation & progn. 24138

24138

31493

cancer of cervix, cytol. evaluation & progn. (Fr) 24137

cancer of cervix, cytol. study of cervical & vaginal smears for late irradiation changes 48555

cancer of cervix, early stage, in young women, with surg., preserv. of ovarian funct. (Dan) 22391

cancer of cervix, eff. of high dos. on cure (Ger) 32647

cancer of cervix, eff. on vaginal smears (Por) 35957

cancer of cervix, grade I, relation between time & dose 35862

cancer of cervix, grade I, ther. with body cavity tube, preop. (Ger) 23237

cancer of cervix, grade III, with surg. (Sp) 38536

cancer of cervix, histopathol. aspects (Rus) 55334

cancer of cervix, hosp. statist. 35864

cancer of cervix, immediate results & compl. of radiocobalt & x-ray ther. (Rus) 33611

cancer of cervix, indic. by x-ray sensitivity of in vitro cancer cells 12421

cancer of cervix, late result statist. 46718

cancer of cervix, postther. pelvic lymph node dissection 648

cancer of cervix, postther. radiation reaction in vaginal smear, progn. value 46717

cancer of cervix, progn. value of eff. of radiother. on exfoliative cytol. (Fr) 31694

cancer of cervix, results (Ger) 32633

cancer of cervix, results in gyn. clinic of University of Helsinki (Ger) 36033

cancer of cervix, urinary seq. (Ger) 55457

cancer of cervix, with adjunctive surg., statist. 21411

cancer of cervix with lymph node metastases, pendulum ther. with radium colpostat 28228

cancer of cervix, with surg., results, 10-year follow up (Fr) 39756

cancer of ear auricles (Bul) 32758

cancer of ear auricles., contact method (Ser) 32614

cancer of esophagus (Ger) 10015

cancer of esophagus, comparison of 200kV & betatron 22MeV radiother. (Fr) 1459

cancer of esophagus, rotation method (Sp) 8179

cancer of extrinsic larynx, comparison with surg. 10129

cancer of face, recur. 53121

cancer of female genitalia (Ger) 10016

cancer of female genitalia, indic. for pendulum ther. (Ger) 23188

cancer of female genitalia, rotation method in far-advanced cancer (Rus) 33612

cancer of head & neck, indic. 5227

cancer of kidneys (Por) 21055

cancer of larynx (Sp) 25932

cancer of larynx & hypopharynx, results (Ger) 45259

cancer of larynx, comparison of external radiation with surg. 50215

cancer of larynx, fractional-intensive method (Rus) 10771

cancer of larynx, results 38274

cancer of larynx, rotation x-ray (Rus) 55254

cancer of larynx, with & without surg. 50796

cancer of larynx, x-ray & telether., alone & in combination (Rus) 55253

cancer of lips, comparison with surg. 5201

cancer of lung (Por) 44453

cancer of lung (It) 29611

cancer of lungs, bronchoscopic control (Cz) 14777

cancer of lung, clin. & radiol. changes (It) 29604

cancer of lungs, eff. on blood sugar (Ger) 32673

cancer of lungs, inoperable cases, grid method 43090


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

cancer of lungs, pre- & postop. 43087
cancer of lungs, primary, statist. 29772
cancer of lungs, radical x-ray ther., indic. & contraindic. 43089
cancer of lungs, sieve method 43088
cancer of lungs, statist. comparison with chemother. (Fr) 21321
cancer of lungs, technics & statist. 43091
cancer of lungs, with N-desacetyl thiocolchicine (Fr) 55098
cancer of lung with secondary hypertrophic pulm. osteoarthropathy, case report (It) 19245
cancer of lymph-nodes metastatic from thyroid, with surg. (Fr) 2323
cancer of mouth, comparison with surg. 1795
cancer of nasal fossa 12679
cancer of nasopharynx & oropharynx 6239
cancer of ovaries, tomother., statist. (It) 29641
cancer of ovaries, with 2,5-bis-aziridinyl-3,6-dipropoxyquinone, statist. (Ger) 6101
cancer of ovaries, with early surg. 44850
cancer of ovaries, with surg. (Sp) 3843
cancer of palate (Por) 44445
cancer of palate caused by smoking with fire burning inside of mouth (It) 31658
cancer of pancreas, statist. 12682
cancer of pelvis, admin. of radioisotopes 38602
cancer of penis (Por) 8752
cancer of pituitary 44046
cancer of pituitary gland, eff. of in situ radiother. by stereotaxic nasal method on eyes (Fr) 14483
cancer of prostate, technic & indic. (Por) 8745
cancer of retroperitoneal space, primary 17383
cancer of rhinopharynx, converging technic (It) 19271
cancer of skin & mucous membranes, contact x-ray ther., dos., focal distance & results (It) 31649
cancer of skin, dermopan ther. (Ger) 22976
cancer of skin, soft x-ray technic (Ger) 41773
cancer of skin, statist. (Ger) 20602
cancer of testes, with surg., 5 year survival, statist. 55027
cancer of testes, with surg., results (It) 31660
cancer of thoracic esophagus, betatron ther. (Fr) 41390
cancer of thoracic esophagus, 22 MeV betatron ther. (Fr) 40650
cancer of thyroid (Ger) 31621
31622
cancer of thyroid, complicated by radiation sensitivity (Ger) 31623
cancer of thyroid, preop. 17618
cancer of thyroid, review 31497
cancer of thyroid, with surg. (Fr) 54606
cancer of tongue, with surg. (Ger) 32645
cancer of tonsils (Ger) 41772
cancer of tonsils, statist. 12680
12681
cancer of uterus (Ger) 15417
cancer of uterus, follow-up of results (Fr) 17989
cancer of uterus, intravaginal admin., technic (Ger) 10022
cancer of uterus, selection of patients by count of sensitization-response cells of vaginal smears (Por) 35958
cancer of uterus, statist. (Pol) 7770
cancer of uterus, with dietary controls 6477
cancer of vulva, results, statist. 36018
cancer, orthovoltage ther., evaluation 37950
cancer, possible potentiating eff. of hematoporphyrin 38059
cancer, proximity ther., technics & value 29774
cancer, radioisotopes as adjuvants in surg., review 54772
cancer, urinary excretion of metabolites as indic. of cell demolition (Dut) 43055
cancer, with med. & surg. ther., clin. pathol. conf. 26406
cancer, with surg. (Fr) 15203
castration by irradiation in ther. of multiple sclerosis in women (Ger) 20845
cervical synd., indic. 53049
compl. of surg. of wds. & inj. (Ger) 29462
constipation (Rus) 10822
constipation, obstinate cases in inf. (Sp) 8727
cyst-like lesions of long bones in child. 828
dermatitis, soft x-rays (Ger) 32649
eczema (Rus) 10836
eczema, eff. of strength of radiation & amount of dose on ther. results (Ger) 38854
eczema, small doses (Ger) 27109
eosinophilic granuloma of bones (It) 53796
epidermoid carcinoma of eyelids (Ger) 38951
epithelioma, cutaneous, use of contact soft-ray ther. (Sp) 53912
epitheliomas of lip, plesiother. (It) 29607
esophageal dis., special localization tube (Rus) 55257
Ewing's sarcoma of foot in child (Fr) 18009
exophthalmos, diencephalo-pituitary x-irradiation (It) 31651
eye dis., nonmalignant 31498
eye dis., review (Rus) 22569
female sterility & menstruation disord., indic. (Ger) 39752
frostbite (Rus) 45769
glioma of brain-stem, with surg., results (Fr) 261
granulosa cell tumor 12683
Hand-Schueller-Christian dis. & related dis. 35457
Hand-Schueller-Christian synd., with cortisone ther. 11966
Hodgkin's dis. & leukemia during pregn. 11635
Hodgkin's dis., cervicothoracic, with surg. (Fr) 51444
Hodgkin's dis., eff. on peripheral leukocytes (It) 31655
Hodgkin's dis., high voltage ther. 13241
Hodgkin's dis., with chemother. (Rus) 6041
hyperthyroidism (It) 2977
hyperthyroidism, x-ray ther., late results (Fr) 21327
inflamm. of anus & rectum (Fr) 40959
leiomyoma of uterus 3018
3019
leukemia 5453
15936
leukemia, aleukemic (Rus) 6045
leukemia, comparison of conventional roentgenother. with intravenous radiogold 35466
leukemia, lymphatic, clin. & statist. aspects (It) 53713
leukemia, x-rays with radiophosphorus (It) 29681
leukemic priapism (Ger) 32641
lymphoma (Ger) 55722
lymphoma, subcutaneous, grid ther. (Ger) 39388
lymphosarcoma, methods & statist. of Radiol. Institute of University of Milan (It) 8550
lymphosarcoma, with surg. 29768
malignant blood dis., x-ray ther. (Fr) 38778
mastitis, puerperal, review (It) 29602
melanoma, distal hyperergic reactions (Bul) 32786
melanoma, malignant, with electrocoagulation (Cz) 21549
metab. dis., functional radiother. (Por) 53836
monophasic ovulation (Sp) 20051
20054
ophthalmopathy in thyroid & pituitary dis. (Ger) 26184
otitis media & externa (It) 53795
paronychia (Ger) 22847
plantar verruca 45916
plantar verruca & talalgia, methods (Fr) 48958
pneumonia (Ger) 55377
pterygium, postop. beta-radiother. 35859
pulm. miliariform x-ray image of uncertain etiol., total regression (It) 29653
pyoderma, deep-seated (Rus) 10898
radar in chronic pelvic inflamm. in women 50212
retinoblastoma 23848
retinoblastoma, with triethylene melamine 11705
rheum. dis. (Fr) 40470
rheum. dis. (Ger) 10286
rheum., with salicylates, remote results (Rus) 45132
sarcoma of skin, comparison with surg. (Ger) 32646
sarcoma of soft tissues, results (Rus) 55250
sarcoma, osteogenic, review (It) 7734
sarcoma, reticulum cell (Ger) 32634
skin dis. in Poland (Pol) 44188
skin dis., low-voltage ther. (Sp) 31812
skin dis., measurement & reduction of gonadal dos. 46385
skin dis., total body radiation 38853
sterility in cases with etiol. of endocrine dysfunct. (Cz) 14885
strangulated hemorrhoids, comparison with surg. 54540
synovioma (Dut) 52474
syringomyelia, technic & results (It) 21499
thromboangiitis obliterans (Rus) 55252
thromboangiitis obliterans, with intraosseous procaine block (Rus) 55263
thyroid dis. 42132
thyroiditis, subacute, with corticosteroid ther. 55274
tinnitus, irradiation of diencephalo-hypothalamic region 30349
tumors, intracranial 31495
tumors of eyelids, close focus x-ray (Ger) 55368
tumors of female urethra, contact x-ray ther. (It) 31650
tumors of testes, after surg. (It) 31657
tumors of thymus, after surg. 55273
tumors of upper resp. & digestive tracts, methods & results at Curie Foundation (It) 53748
tumors, orthovoltage rotation ther. indic. & methods 31629

**RADIUM**

clothing contamination & decontamination (Rus) 39613
metab. & tox. in rats 11544
radioautographic localization & measurement of radiation dos. in dog bones 51302
radon fission products in determ. of natural radioactivity of air (Rus) 39598
radon myelography (Rus) 10944

***effects***

on elastic tissue, immediate eff. 41794
on histamine in contact with radium source (Fr) 38663
radon inhalation on gastric secretion in animals (Rus) 51767

***injurious effects***

angiosarcoma & radiodermatitis in ther. of hemangioma (Ser) 6631
bone cancer, statist. on med. & environmental exposure causing radium deposition in human skeleton 12676
case reports 26090
early reaction of bladder & intestine, ther., prednisolone with vitamin A, pantothenic acid & sulfisoxazole (Ger) 32670
hazards 14141
proctitis, chlorquinaldol ther. (Ger) 55376
proctitis, in ther. of cervical cancer, surg. & case reports (It) 47504
proposed reporting & data-collecting serv. on radium pois. cases 4528
radiodermatitis (Ser) 10920

***therapeutic use***

cancer of anus, indic. & results (Fr) 38667
cancer of cervix (Dut) 43035
cancer of cervix (Sp) 8945
cancer of cervix, appar. for control of dose (Fr) 41382
cancer of cervix, blood protein changes, eff. of antireticular cytotoxic serum (It) 25690
cancer of cervix, dos. distribution in true pelvis (Ger) 32648
cancer of cervix, eff. of high dos. on cure (Ger) 32647
cancer of cervix, eff. on vaginal smears (Por) 35957
cancer of cervix, grade III, with surg. (Sp) 38538
cancer of cervix, results in gyn. clinic of University of Helsinki (Ger) 36033
cancer of cervix, with adjuvant chlortetracycline (Rus) 33618
cancer of cervix with pelvic lymph node metastases, colpostat admin. with pendulum admin. 28228
cancer of cervix, with surg. (Fr) 51880
cancer of cervix, with surg. (It) 26615
cancer of cervix, x-ray control of intravaginal applications (Rus) 12124
cancer of endometrium, preop. intracavitary admin., evaluation 10466
cancer of eye, radon seed implants, technic 24536
cancer of female genitalia, control of vaginal bact. proliferation & odor by chloramphenicol (It) 52097
cancer of female genitalia, dos. & technic (Ger) 45266
cancer of pharynx & hypopharynx, perop. admin. technic (Fr) 47485
cancer of portio vaginalis with Ellis-Oliver applicator (It) 21478
cancer of uterus 2935
cancer of uterus (Por) 23733
cancer of uterus, preop. intracavitary application 10989

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

cancer of vulva, results, statist. 36018

contact (Bul) 41585

gyn. dis., lead filter for protection of personnel (Ger) 15873

hemorrh. in female climacteric (Ger) 33238

osteogenic sarcoma of tibia, with diaphysectomy (Fr) 17995

relation of dos., time & volume (Cz) 48651

squamous cell carcinoma, interstitial implantation technics & indic. 29770

tumors of upper resp. & digestive tracts, methods & results at Curie Foundation (It) 53748

vesicovaginal fistula (Ger) 22757

**RADIUS**

***abnormalities***

absence, bilateral, case report 48592

***diseases***

epiphyseal separation of distal end causing forearm deform., surg. (Ger) 25344

***dislocation***

dorsal, of head, ther. (Ger) 36452

familial congen. posterior bilateral disloc. of heads, case reports 4792

subluxation of head in child., pathol. mechanisms & surg. (Fin) 32712

***fractures***

head, surg. (Ger) 36454

internal fixation in fract. of shafts in adults, value of delayed surg. in prev. of nonunion 50400

level of Colles' fract. 16395

of lower extremity, ther. (Fr) 51884

of upper end, delayed surg. & outcome, case report (It) 15902

of upper end, in child. (It) 42744

***neoplasms***

eosinophilic granuloma (It) 29652

***RADON see*** **RADIUM**

**RAGWEED**

eff. of weather on pollen content of air 4399

immune responses of rabbits to ragweed pollen antigens 4397

pollen extracts, eff. of pH of extractants on properties & composition 1127

water-insoluble whole ragweed pollen complex, prep. & standard. 50131

***RAILLIETINA see*** **TAPEWORMS**

***RARE EARTHS see*** **ELEMENTS**

**RAT-BITE FEVER**

***in infant and child***

case report 41818

**RATS**

brucella bronchisepticus vaccine for prev. of pneumonia in laboratory rats 4643

cannibalism of newborn by nursing rats, eff. of diet 41231

ectoparasites in seaports (Pol) 33813

epizootic diarrhea of suckling rats, clin. manifest. & pathol. 4608

eradication, annotated bibliog. (Rus) 11503

extermination by anticoagulants (Sp) 51868

food-carrying behavior of rats in psychol. exper. 17085

giardiasis & hymenolepiasis nana (Pol) 33792

hosts of fleas in Tanganyika 19540

inject. & bleeding of newborn rats, intracardiac technic 31416

mean number of fleas on rats, relation to prevalence of infestation in southeastern U. S. 891

parasitization by nematode Trichosomoides in Rome (It) 7518

purulent keratoconjunctivitis caused by Micrococcus pyogenes aureus in laboratory rats 4609

Rattus norvegicus & Rattus rattus in Fr. Cameroun (Fr) 6421

Salmonella enteritidis infect. of laboratory rats, detection & soframycin ther. of healthy carriers (Fr) 53984

transm. of commun dis. (Ca) 38150

Weil's dis. transm. in military camps (Dut) 29934

**RAUWOLFIA ALKALOIDS**

***see also*** **RESERPINE**

Amer. species of Rauwolfia, pharmacognosy (It) 25591

10-chloro- & 10-methoxydeserpidine, pharmacol. comparison with reserpine (Fr) 38705

mechanism of action (Fin) 49203

pharmacol. of reserpine-free extracts of Rauwolfia vomitoria (Fr) 32952

raumitorine, chem.& hypotensive properties (Fr) 40923

raumitorine from Rauwolfia vomitoria (Fr) 37790

Rauwolfia inebrians, Africa species, physiol. properties (Fr) 38713

Rauwolfia tetraphylla & Rauwolfia canescens, chem. & botanical characteristics (Fr) 13094

rescinnamine & serpentine, pharmacol. 41325

reserpiline, chem. & absence of ulcerogenic properties (Fr) 36835

reserpiline, chem. & pharmacol. properties (Fr) 36197

***determination***

deserpidine, rescinnamine & reserpine in Rauwolfia roots, chromatography & ultraviolet spectrophotometry 4955

in Rauwolfia decurva root 40377

new color test 2823

raubasine & rescinnamine, electrophoretic separation & quantitative determ. (Ger) 51064

***effects***

ajmaline & serpentine on succinic dehydrogenase in rat brain & liver 4191

deserpidine, on female genitalia, in rats (Fr) 26864

deserpidine on genitalia of male rats, histol. (Fr) 26736

dilat. eff. on uterine cervix (Sp) 32471

hypotensive & non-tranquilizing activity in animals (Fr) 26837

induction of depression, pharmacol. 768

on action of acetylcholine, cholinesterase & histamine in animals (Fr) 7762

on heart rate & on A-V transm. in heart-lung prep. of dog 41284

on urinary adrenal cortex hormones in hypertension patients 51317

raumitorine & reserpiline on urinary 5-hydroxyindoleacetic acid levels,comparison with reserpine (Fr) 48926

raumitorine, neuroleptic action (Fr) 48925

raumitorine on gastric secretion & motility (Fr) 48924

Rauwolfia serpentina root extracts, sympatholytic eff. (Fr) 38688

Rauwolfia vomitoria extracts on blood pressure in cats (Fr) 3121

Rauwolfia vomitoria extracts on gastric funct. in rats (Fr) 3119

Rauwolfia vomitoria extracts on gastric secretion in dogs (Fr) 3120

Rauwolfia vomitoria reserpine-free extract, on gastric motility in dogs (Fr) 15155

Rauwolfia vomitoria reserpine-free extract, tranquilizing eff. in dogs (Fr) 15156

rescinnamine, mechanism of action of hypotensive eff. in dog (Fr) 36593

reserpiline, on gastric motility & secretion (Fr) 26836

reserpiline, on hypersecretion & hyperacidity caused by insulin admin. (Fr) 26889

***injurious effects***

depressive episodes during hypertension ther. 48529

neurol. sympt. (Fr) 47456

upper gastrointestinal hemorrh. 21410

***therapeutic use***

deserpidine, clin. evaluation 42044

deserpidine in hypertension 30153

deserpidine in psychoses 769

hypertension 19962

hypertension (Rus) 45226

hypertension, comparison of various prep. (Sp) 8797

hypertension, comparison with N-(δ'-trimethylammonium-propyl)-N-methyl-camphidinium dimethyl sulfate (Ger) 42898

hypertension, eff. on renal hemodynamics (Rus) 41664

hypertension in aged, ther. with fixed combination of rauwolfia, phenoxybenzamine & protoveratrine 4442

hypertension, intramusc. admin., statist. (Sp) 20644

hypertension, phenoxybenzamine-protoveratrine-rauwolfia prep. 4538

hypertension, Rauwolfia alkaloid-digitoxin theobromine sodium salicylate prep. (Ger) 45400

hypertension, with digitoxin & theobromine (Ger) 29471

hypertension, with dihydrazinophthalazine theophyllinate (Ger) 18973, 29490

hypertension, with mecamylamine & diuretics 27517

psychoses, lack of tox. of total alkaloid prep. 5504

raubasine in angina pectoris & cerebral atherosclerosis (Fr) 31068

rautol in hypertension & arteriosclerosis (Ger) 39076

Rauwolfia prep. heserol in hypertension (Fr) 53304

rauwosanol in essential hypertension (Ger) 49143

serpentine in arterial hypertension, synergism in hypotensive eff. of N-(γ'-trimethylammonium-propyl)-N-methyl-camphidinium dimethyl sulfate - reserpine - serpentine prep. (Ger) 23013

serpentine in hypertension, with N-(γ'-trimethylammoniumpropyl)-N-methyl-camphidinium dimethyl sulfate & reserpine (Ger) 35570

serpentine- reserpine - N-(γ trimethylammonium propyl)-N-methyl-camphidinium-dimethyl sulfate prep. in hypertension (Ger) 18921

**RAYNAUD'S DISEASE**

Raynaud's phenomenon in scleroderma with polymyositis (Sp) 43874

***case reports***

with cryoglobulinemia & cold agglutinins 60

***etiology and pathogenesis***

2246

***manifestations***

vasodilat. in hand, plethysmography 38615

***physiology***

eff. of smoking on musc. funct. (It) 37835

***surgery***

adrenalectomy, partial excis., eff. on adrenal funct. (Pol) 30695

sympathectomy (Fr) 31105

sympathectomy of arm, Smithwick method (It) 36967

sympathectomy, postop. compl. (Dut) 52533

***therapy***

sitosterol, case report (Fr) 2395

**READING**

***see also*** **ALEXIA**

ability of deprived child. 33554

blink rate statist. 796

develop. of reading center (Ger) 19442

difficulties in child. in relation to lateral dominance, Harris tests (Sp) 36845

disord. in child., relation to mixed dominance of eye & hand 41267

electromyography of intrinsic & extrinsic laryngeal musc. during silent speech, correlation with reading activity 35300

failures & nonfailures in child. with brain damage 47027

guidance for handicapped, hosp. librarian's role 49951

increased reading speeds & value of optometrists' recommendations 2111

influence on parotid secretion (Ger) 23595

methods of increasing reading speed 27522

new reading material for subnormal vision subjects 24583

oral reading rate, variability in normal subjects 18093

patients' attitudes regarding efficacy of reading popular psychiatric & psychol. articles & books 51097

primary reading instruction in school child., determ. of success by various psychol. tests (Dut) 29983

rate, eff. of auditory masking 5813

rate of comprehension, selection while reading & rigidity of pacing while reading 2128

reading test for glaucoma patients (Ca) 36303

retarded reading ability in child., ophthalmologist's role 47026

still of first-grade school child., relation to visual achievement tests 12459

visual problems 34577

visual problems in reading & optometric limits of assistance 12461

visual problem in reading disability, psychoanalytic interpretation 44247

***REAGENTS see*** **INDICATORS AND REAGENTS**

***RECKLINGHAUSEN'S DISEASE OF BONE see*** **OSTEITIS FIBROSA**

***RECKLINGHAUSEN'S DISEASE OF NERVE see*** **NEUROFIBROMATOSIS**

**RECORDS, MEDICAL**

cancer registries, prev. aspects 48412

central registry in Czech. policlinics (Cz) 2799

chart for recording patient's fluid intake & output 41028

cross index filing system for case sheets 5171

death certification of child., accuracy 37680

freeing nurses & hosp. med. staff from paper work 52156

health departments record systems, use of codes for compiling service statist. 12650

hosp. patient registration code (Den) 45530

index card & other forms for hosp. use in progressive care plan 42855

indexing system for electrocardiograms 12319

individual punch card file in indust. plant (Ger) 49025

med. certification of absence from work in indust. 16589

med. records & report forms & technics for outpatient tubere. clinics in Hungary (Hun) 10564

microfilming 4104

necropsy tally board 12278

nursing records of patient's day, value in nursing educ. 52806

obligatory surrender, medico-legal aspects (Ger) 51785

oncol. punch-card with marginal perf. for records of tumor patients (It) 21418

open shelf filing & color coding of dent. health records 18719

printed form for exam. of hemiplegic & evaluation of results of reeducative ther. (It) 6845

printed form for exam. of polio. patient & evaluation of reeducative ther. (It) 6844

pub. health nursing records system of Wayne County, Michigan, statist. methods 12651

punch card system for physician's office (Ger) 21619

record keeping in GP 8307

records for child vacc. (Rus) 55815

simple record system for mission hosp. 4830

standardized card & system for recording of all immun. procedures 28649

statist. evaluation of autopsy findings with aid of punch card (Ger) 27508

telephone dictating system 48439

10-row punch card for documentation of clin. case hist. (Ger) 15296

x-ray reports, improved method for typing 4117

**RECREATION**

*see also* **HOBBIES**

*see also* **PLAY**

*see also* **SWIMMING POOLS**

eff. of type of work on recreation patterns (Ger) 31566

for happy & problem child. (Sw) 54490

participation of child. with hearing disord. in community recreation programs 18097

problems of pressure of leisure in U. S. 33669

***RECRUITS see* ARMED FORCES PERSONNEL**

***RECTOCOLITIS see* COLITIS**

**RECTUM**

*see also* **PROCTOSCOPY**

anat., physiol., clin. & pathol. aspects 47143

digital exam., clin. value 3382

phantom rectum as teaching aid for diag. of prostatic dis. 50211

physiol. & dis., review 22085

***abnormalities***

(Sp) 8964

megarectum prolapse, case report 11804

review (It) 46582

***abscess***

anorectal, radical surg. 40984

***diseases***

(Sp) 15469

allergic dis. (Por) 30878

allergic, etiol., diag. & ther. (Por) 16146

anorectal disord., suppository & ointment ther. 18794

anorectal fissure & stenosis, plastic surg. 54766

blastomycosis with pseudo-epitheliomatous hyperplasia & subsequent develop. of squamous cell carcinoma 21843

concealed pathol. changes as potential malignancies, surg. 40989

diag. & surg. 40983

diag. value of sigmoidoscopy 39462

genito-anorectal synd. in lymphogranuloma venereum (Rus) 36883

granuloma in rectosigmoid anastomosis caused by fishbone 33503

lymphogranuloma venereum, pathol. (Por) 42188

paraproctitis in child. (Rus) 43564

proctitis caused by radium & x-irradiation, chlorquinaldol ther. (Ger) 55376

proctitis caused by radium ther. of cervical neoplasms, surg. & case reports (It) 47504

proctitis, pathogen. & clin. manifest. 530

proctitis, radiother. (Fr) 40959

proctitis, recur. papulo-ulcerative 42045

proctitis with diarrhea caused by foreign body (Ger) 49056

prolapse, complete, in young adult, case report 40658

prolapse in cystic fibrosis of pancreas 7402

prolapse in inf. & child. 45923

prolapse, rectocolopexy (Rus) 33228

prolapse, surg., abdom. rectosigmoidectomy, case report (Fr) 6306

purpura, mucosal with intestinal hemorrhage caused by brucellosis, case report (Fr) 18558

review 3385

Vorticella infect. of rectal ampulla of man 10522

***fistula***

anorectal & related fistulas 12585

anorectal of lateral anal sphincter, surg. indic. & technics (Ger) 40962

anorectal, with colloidal epithelioma of rectum, case reports (Fr) 1457

classif. & diathermic fistulotomy 40991

congen. rectovaginal, with coprolith (Ger) 11443

gunshot wound causing vesicovaginal-rectal fistula, single-stage closure (Rus) 51180

rectourethral & rectovesical, management principles & technic of surg. closure 5932

rectovaginal caused by late radionecrosis, colpectomy, case reports (Fr) 28685

rectovaginal, surg. closure, case reports (Hun) 6345

rectovaginal, surg., results (Ger) 11435

rectovaginal, ther., cortisone 28375

rectovesicovaginal, giant, case report 8015

***hemorrhage***

caused by benign ovarian cyst, case report 18758

massive, diag. & management 21865

puerperal 50239

traum., caused by introduction of thermometer, case reports (Fr) 21347

***microbiology***

Schistosoma hematobium, anat. basis for distribution 55064

***neoplasms***

(Fr) 15962, 50633

adenocarcinoma with scleroderma, case report 44052

adenoma, incidence (Por) 42190

benign (Sp) 21144

colloidal epithelioma, with anorectal fistula, case reports (Fr) 1457

conservative management in poor risk patients 22079

diag. & surg. 8011

diag., errors (Ger) 11037

diag., proctosigmoidoscopy 24199

endometriosis, case report (Sp) 21134

endometriosis, x-ray diag. 24493

epidermoid carcinoma of anorectal junction, case reports 36996

epithelioma, surg. & case report (Fr) 51375

granulomatous tumors of anorectal zone, incidence & rate of malignancy in Venezuela 22022

incidence & progn. of cancer, statist. of Danish provincial town 38847

linitis plastica, primary cases (Fr) 18015

manifest. & results of surg. 38008

midrectal, surg., abdominoperineal resection with sphincter preserv. 54722

multiple familial incidence (Fr) 40964

papilloma, case reports (It) 19176

papilloma, classif. 40996

polypi, adenocarcinomatous, clin. statist. (Por) 39978

polypi, adenomatous, pathol., relation to cancer & ther. indic. 15999

polypi, familial generalized, surg., follow-up (Fr) 36640

polypi, rectosigmoid (It) 7750

polyposis, familial rectocolic, case reports & surg. (Sp) 44502

polyposis, surg., rectocolectomy with transanal ileostomy, case reports (Fr) 36641

preop. cul-de-sac smears for cancer cells 54691

rectosigmoid, surg., indic. & results (It) 20178

rectosigmoid, surg., pull-through operation, technic & results (Sp) 8212

rectosigmoid tumors, indic. & technics of radical surg. (It) 25548

recur., prev. by monoxychlorosene 40950

simultaneous multiple primary carcinomas of sigmoid & rectum, surg. (Ger) 46001

surg. (Bul) 41583

surg., abdominoperineal excision in cancers, technic using two teams (Por) 8749

surg. anat. & technics (Sp) 53329

surg., anterior resection, indic. & technic 54505

surg., cellulovisceretomy in cancer (Por) 53860

surg., conservative & radical, indic. 6205

surg., influence of postop. metastases on survival rate 25990

surg., Miles technic with creation of artif. anus (Sp) 43916

surg. of carcinoma, methods & results of Surg. Clinic of Turin (It) 36810

surg., perineoabdom. resection with simultaneous prostatectomy in prev. of postop. urinary retention 10118

surg., radical perineal phase in abdominoperineal resection 22084

surg., rectosigmoid resection, technic (Sp) 43891

surg., resection & amputation, indic. (Ger) 22796

surg., single-stage radical resection, Kirschner technic (Ger) 38425

surg., technics 40980

surg., two-stage abdominoperineal resection 39142

surg. with sphincter-saving 47145

ther. (Ser) 32609

ther., arsenicals (Fr) 38792

ther., radiocobalt rotation ther. in recur. cancer 17489

with acquired hemolytic jaundice, hemochromatosis & lymphosarcoma, case report (Fr) 31980

with cancer of anus, case report (Sp) 25954

***perforation***

causing emphysema of leg, case reports 37632

following barium enema, case report 12302

***physiology***

eff. of pressure stimulation on plethysmography in colitis (Rus) 32897

funct. regulation in paraplegia 53544

***rupture***

caused by blunt abdom. inj. (Dan) 10609

***surgery***

classif. of surg. spaces (Sp) 39114

excis., postop. urogenital compl. 31275

excis., postop. urogenital compl., statist. 31276

excis. with general & spinal anesth. indic., contraindic. & comparison 31272

ileorectal anastomosis in ulcerative colitis, technic & results 12706

new-type dressing 24612

postop. defecation, management with dioctyl sodium sulfosuccinate alone & with cascara sagrada extract 11817

prep. proctoscopy in selection of type (Sw) 54826

rectocolic anastomosis (Fr) 42429

resection, abdominoperineal, followed by perineal hernia, surg. ther. (Fr) 31056

resection, abdominoperineal, two-team method 11779

resection, abdominoperineal with panhysterectomy (It) 2001

reversal of right hemicolon in surg. of rectum & left colon (Fr) 42430

transverse incision in abdom. approach, technic 3378

urinary diversion through isolated rectal bladder with intrasphincteric anal colostomy 39147

***wounds and injuries***

etiol. & surg. 32733

exper. of mucosa, healing in cats 4995

tear in rectum allowing small intestine to prolapse into rectum & through anus (Rus) 18231

vaginorectal, caused by blunt instrument (Dut) 19740

***RED NUCLEUS see* MESENCEPHALON**

**REFLEX**

abdom. & erector spinae skin reflexes, spinal mechanisms, electromyography 25973

abdom. skin reflexes, plasticity in man 25974

acute reflex responses to cold, modification by brief train. in cold climate 28983

big toe jerk, diag. value & method of prod. 2163

breast-seeking reflex (Ger) 41605

clin. areflexia as familial dis. (Ger) 9548

cremasteric reflex in determ. of demarcation line of lumbosacral hiatus (Ger) 19759

deep reflex, causes of variations & comparison with postural reflex (It) 9650

determ. of reflex activity in newborn inf. (Rus) 49532

dominant, in nursing inf. (Rus) 7920

dorsal root reflex, efferent nerve impulses in dorso-cutaneous nerves induced by cutaneous stimulation in frog 39369

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

eff. of sinusoidal stretching on activity of stretch receptors in voluntary muscle & their reflex responses 51087

eff. of stimulation frequency (It) 44912

explosive laughing fits in temporal epilepsy (It) 27675

free Achilles reflex in diag. of hyper- & hypothyroidism 55130

free Achilles tendon reflex in hypothyroidism & hyperthyroidism, determ. 19852

grasp reflex, role of irregular maturation of embryonal structure in form. (Rus) 12116

groping phenomena of foot under normal & pathol. cond. 3023

in neuroses (Cz) 2781

in tumors of posterior cranial fossa (Rus) 34754

ipsilateral reflexes originating from non-myelinated nerves in cat (Fr) 36708

jaw-winking phenomenon, case reports (Fr) 31991

knee jerk, eff. of decerebration & subsequent spinal transection in cats 36809

knee jerk, registration (Rus) 34819

labyrinthine, static & kinetic, eff. of rotatory train., in chickens 35299

manual optomotor localization based on optic image in hemianopsia 49630

mass-reflex spasm, ther., procaine nerve block 43141

mechanism of kidney response to stimulation of soft palate in guinea pig (Pol) 20465

monosynaptic reflexes in lumbosacral spinal cord of cat, relation of distribution of dorsal root fibers on motor cells to site of excitatory & inhib. terminals 53487

oculocardiac reflex in exper. heart surg. with pump-oxygenator, progn. value in dogs 5877

oculocardiac reflex in surg. 670

oculo-cardiac reflex, registration appar. (Rus) 49544

oculocardiac reflex with hypotension, case reports 7471

optico-autonomic reflex in various exper. & pathol. cond. (Sp) 4066

opticokinetic reflex measurement of visual acuity, comparison with Snellen acuity 88

orientation, eff. on EEG in young dogs, age factor (Rus) 23267

palm-chin reflex in liver cirrhosis (Ger) 52567

peristaltic reflex of isolated small intestine of guinea pigs, new registration method (Ger) 27841

plantar flexor reflex & superficial abdom. reflex in man, eff. of aging 17370

plantar reflex during walking (Cz) 2782

post-tetanic potentiation & post-tetanic block in monosynaptic reflex pathway in decapitate cats 50564

pupillary, efferent arch (Rus) 34817

pupillary reflex dilatation, mechanisms, exper. study & review 39172

pupillary, relation to amaurosis (Sp) 19783

reaction time in myxedema 6144

reflex-adrenal mechanism in edema & ascites in congestive heart failure (Rus) 52973

reflex control of stroke work in dogs 28639

reflex disord. in psoriasis of hand, case report (Fr) 37852

reflex responses & auto-inhib. of tonic & phasic alpha-motoneurons during prolonged chem. stimulation of musc. spindles (Ger) 53075

reflex ventral press activity accompanying vaginal contractions (Ger) 27847

reflexes & their disord. in men in relation to erection & coitus (Fr) 31098

reflexol. concept of schizophrenia (Por) 36895

regulation of resp. by reflex originating in musc. activity (Fr) 9245

relaxation reflex, elimination in tabes dorsalis & polyneuritis (Ger) 3620

resp. jaw reflex, mechanism in man & dogs 40075

spinal, eff. of controlled progressive hypotension in cat 47109

spinal, eff. of hemisection of spinal cord on reflex patterns in cats 14345

spinal reflex regulation of fusimotor neurons in cats 17958

stretch reflex behavior in rigidity & spasticity of cerebral origin (Fr) 44622

stretch reflexes from dog's lung to systemic circulation 48727

stretch reflexes in upper motor neuron damage due spinal cord lesions 14346

superficial & deep reflexes in spinal cord inj. 43125

toe flexion reflex in pyramidal lesions, a new reflex, comparison with Babinski reflex 8597

Toennies' antidromic reflex of nerve fibers in rabbits (Fr) 15118

Toennies' antidromic reflex of nerve fibers in rabbits, eff. of hypothermia (Fr) 15092

unconditioned salivary reflex in dogs, eff. of phys. & physico-chem. factors (Cz) 21565

vago-vagal reflex in open-chest surg., animal exper. on prev. (Ger) 47292

vasomotor reflexes, behavior in hypertension (Pol) 30857

vasomotor reflexes in peptic ulcer (Pol) 30866

venous arteriolar reflexes, role in rhinorrhea 52762

vestibulo-ocular reflex disord. of anterior nuclear paralysis type in supratentorial tumors 24068

yawning 37707

yawning, physiol. & psychol. aspects 5502

yawning, registration (Rus) 1768

*effect of drugs on*

adiphenine, anicaine & tetraethylammonium iodide reflective regulation of gastrointestinal tract in dogs (Rus) 33172

1,4-dihydrazinophthalazine in dogs (Ger) 13356

ethyl alcohol on sexual reflexes 8497

hypertonic solutions, on knee jerk interoceptive factor in intra-vasc. admin. (Rus) 1748

meprobamate on spinal monosynaptic reflexes & inhibitory pathways 5103

methylparafynol on eyelid conditioned blinking reflex, relation of response to susceptibility 50847

**REFLEX, BABINSKI**

(Fr) 44743

description, elicitation & significance 53300

in newborn (Ger) 25267

in pyramidal synd. (Dut) 7308

**REFLEX, CONDITIONED**

acid-defense reflex in dog, dependence of eff. on intensity of stimulus (Rus) 13846

afferent arch (Rus) 11523

asthma induction in guinea pigs 20875

auro-cardiac, in ECG hearing tests (Rus) 10756

avoidance response, eff. of deafferentation of limb in monkeys 21675

avoidance response, eff. of secondary reinforcement 17339

breast-seeking reflex (Ger) 41605

changes in bio-electrical activity of cerebral cortex during orientation & conditioned reflexes in ontogenesis in dogs (Rus) 23267

conditioned & complex reflex food stimulation, eff. on leukocyte count (Rus) 37174

conditioned inhibition 17259

conditioned recognition of meal time in guinea pigs (It) 37404

conditioned recognition of meal time in guinea pigs, relation to funct. state of gastrointestinal system (It) 37405

conditioned reflex motor method for determ. of depth of sleep (Rus) 28805

conditioned reflex water diuresis, eff. on renal funct. in dogs (Cz) 38195

conditioned resp. reflexes, regulatory funct. (Rus) 49551

correlation between conditioned reactions to sound stimuli prod. by verbal & unconditioned reinforcement (Rus) 11507

defense motor, eff. on EEG of various layers of motor & auditory analyzers (Rus) 23264

differentiation of stimuli during inter-action of various forms of motor reactions in adults (Rus) 11506

disinhib. phenomena in spinal guinea pigs (It) 37406

EEG (Cz) 26552

EEG studies on reflex activity in in man (Rus) 23258

eff. of anaphylactic shock (Rus) 52963

eff. of early postnatal excis. of neopallium in rats (Cz) 9494

eff. of exper. neuroses on conditioned reflexes in pregn. & lactating rabbits & on offspring growth (Rus) 49565

eff. of form. of motor defense reflexes on EEG of auditory & motor areas of cerebral cortex (Rus) 11521

eff. of induction of tumors in rats (Rus) 33603

eff. of interstimulus interval on latency of conditioned eyelid response 40819

eff. of noise in indust. & laboratory cond. (Rus) 33332

eff. of positive food conditioned reactions & inhib. conditioning on glycemic reactions in dogs (Rus) 11516

eff. of repeated reinforcements on electrical activities of brain in conditioned reflex, EEG 39370

eff. of stimuli of various force & duration on temporary connections (Cz) 38178

eff. of stimulus time during preconditioning train. on magnitude on sensory preconditioning 28338

eff. of temporary background photic stimulation on motor conditioned reactions to sound stimuli in adults (Rus) 11508

eff. of vacc. in animals (Rus) 11492

eff. on blood pressure (Rus) 37196

eff. on cortical & hypothalamic EEG (Rus) 23265

extinction & spontaneous recovery of conditioned eyelid response, eff. of amount of acquisition & extinction train. 17260

food & acid-defense reflexes in determ. of higher nerv. activity in dogs (Rus) 37173

food reflex, age factor in develop. in rabbits (Rus) 1746

for studying of depressive eff. of tranquilizing agents on CNS in exper. animals (Hun) 28783

form. & fixation of motoric defense & food reflexes with reversed order of stimulation in rats, significance of environmental cond. (Ger) 46572

fourth series reflexes in rats (Cz) 38196

in rats non-sensitive & sensitive to audiogenic seizures (Cz) 38192

in spreading EEG depression. (Cz) 38180

interrelationship between signaling systems during simultaneous presentation of indirect & verbal stimuli of contralateral significance (Rus) 11510

latency of conditioned heart rate, eff. of conditioned stimulus-unconditioned stimulus interval 4940

local bio-electric cortical responses in man, relation to generalized reactions in reflex activity (Rus) 49521

motor feeding reflexes of 1st, 2d & 3d order in rats (Ger) 23639

Pavlov's doctrine & its develop., review 46686

Pavlov's views on Lamarck's theory 21660

prod. of negative & positive reflexes from symmetrical skin areas (Rus) 48002

reticular form. physiol., review 24054

salivary reflex, eff. of phys. & physico-chem. factors in dogs (Cz) 21565

sound stimuli prod. of conditioned breathing reactions during inhalation of ammonia (Rus) 11509

strength of cardiac conditioned responses with varying unconditioned stimulus durations 8421

switch-over (Rus) 11505

synthesis of 2 different motor conditioned reflexes into motor chain in animals (Rus) 11520

to heat stimuli in guinea pigs, eff. of hypothermia (It) 1892

ultraparadoxical phase (Rus) 11514

*effect of drugs on*

ACTH on extinction of feeding reflexes in dogs (Ger) 35371

arecoline, eff. on eye blink response in man 17054

barbital & 2,4-dioxy-3,3-diethyltetrahydropyridine in rats (Rus) 3553

chlorpromazine, lysergic acid diethylamide & reserpine on conditioning & habituation to arousal stimuli in cats 42973

chlorpromazine on motoric food reflex in rats (Ger) 46571

hexoses, on positive & negative conditioned reflexes in dogs (Cz) 21567

histamine & insulin (Pol) 24055

narcotics on conditioned reflexes to heat stimuli in guinea pigs (It) 1891

pendiomide on motor defense reflexes (Rus) 3554

pentylenetetrazole-induced exper. convulsions (Cz) 38197

reserpine causing abolition in rats, influence of DOPA & iproniazid (It) 37448

reserpine inhib. of escape reaction in rats, antag. of inhib. by iproniazid pretreatment (Ger) 27838

reserpine on salivation & blood circ. during cond. nutritional reflexes in dogs (Ger) 1439

salicylamide in dogs (Rus) 3553

vitamin D (Rus) 49540

*in various diseases*

cond. vasc. reflexes in patients with brain concussions (Rus) 10226

ment. disord., & as result of drug eff., comparison with normal subjects 11672

motor reactions in tumors of frontal lobe (Rus) 22663

primary & secondary, in pathophysiol. of obsessive-compulsive neurosis (Ger) 44211

pupillary, in pediatric dis. (Rus) 7921

role of reflex increases in autonomic neuroses (Ger) 15817

vasomotor reactions to cold stimuli in rheum. arthritis (Rus) 31123

**REFLEX, POSTURAL**

comparison with deep reflex (It) 8650

eff. of body position on tonic cervical reflexes (Rus) 1741

undescribed postural reflexes in man 8483

**REFLEX, PSYCHOGALVANIC**

(Cz) 38177

EEG (Cz) 38176

eff. of asphyxia before & after spinal transection 50943

eff. of different intensity levels of shock, conditioned tone & extinction tone on magnitudes of galvanic skin resist. responses 23317

electrodermal response in audiometry, eff. of tonal intensity on amplitude & latency under 2-tone-shock intervals 5841

electrodermal response in audiometry, instrumentation, spontaneous response & threshold definition 5842

electrodermal response in audiometry, validity 5849

electrodermal response in audiometry with sidetone test for auditory malingering 5851

lie detector tests, technical-psychological & medicolegal factors (It) 245

light stimulation in psychogalvanic reflex audiometry (Ger) 36445

Schiff-Sherrington phenomenon in galvanic skin response in cat 35833

transistor psychogalvanometer 17350

***effect of drugs on***

chlorpromazine & reserpine on galvanic skin reflex in humans (Ger) 35258

methylparafynol, relation of response to susceptibility 50847

***in various diseases***

electrical skin resist. reaction after section of sensitive spinal nerve roots in intervertebral disk displacement (Cz) 38292

ment. defic., comparison with normal & bright child. 46970

psychogalvanic skin response in audiometry in cerebral palsy in child. 13277

schizophrenia (Rus) 55858

sensation disord. in hysteria patients (Rus) 46334

strychnine inject. into bulbar ventromedial reticular form. on galvanic skin reflex in thalamic cats 5507

**REFRACTION, OCULAR**

eff. of atropine & physostigmine instillations in rabbits 26076

ophthalmometry reading, rule of seven or fourteen thirds 11677

relation to intelligence test scores 47078

roche tests (Ger) 28920

**REFRACTIVE ERRORS**

***see also*** **ASTHENOPIA**

***see also*** **ASTIGMATISM**

***see also*** **HYPEROPIA**

***see also*** **MYOPIA**

***see also*** **PRESBYOPIA**

aniseikonia, case reports 7647

anisometropia 50657

anisometropia, binocular vision in (It) 13142

depth of anterior chamber in (Fr) 1470

***etiology and pathogenesis***

15731

***in infant and child***

in Yugosl. (Ser) 51685

***prevention and control***

in aging airline pilots 16863

**REFRIGERATION**

complex refrigerator for laboratories (Hun) 52928

cryostat for histol. & histochem. (Ger) 51944

in med. (Cz) 48611

refrigerator, absorp.-compressor type using mixture of oil & freon 22 (It) 31702

***REFRIGERATION ANESTHESIA*** ***see*** **ANESTHESIA, LOCAL**

***REFUSE*** ***see*** **SANITATION**

**REGENERATION**

after amputation of defective axolotl tails 4974

amputated limbs in frog & salamander, review 32357

aortic endothelium after removal of patch of cells by scraping inner surface in rabbits 5624

biol. & clin. aspects (Rus) 33482

cartilage, after deep inj. (Rus) 33301

cartilage, after superficial inj. (Rus) 33300

cartilage, structural plasticity (Rus) 33302

dorsal spinocerebellar tract of cat 28302

endocardium (Rus) 33315

epithelial regen. in esophagus of cat 4973

eyes of Dugesia lugubris, eff. of brain extracts (It) 9322

gallbladder (Rus) 33314

glandular tissue, contributions of V. V. Podvysotskii (Rus) 25739

kidney epithelium (Rus) 33299

limbs of salamander, microscopy of fine structure of blastema cells & differentiating cartilage cells 16954

musc. reactivity to inj. (Rus) 33305

nerve fibers in autografts & homografts of peripheral nerve (It) 6808

new methods in regen. ther. (Ger) 39950

of pleopods in male & female Pachygrapsus marmoratus parasitized by Sacculina carcini (Fr) 38656

parotid gland (Rus) 33294

pleura, after mesothelial chem. inj. (Rus) 33297

pleura, after mesothelial inj. (Rus) 33298

regen. inability of articular cartilage (Ger) 34274

regen. power of venous wall (Dut) 29944

relation of induction to pathol. histomorphogenesis (It) 42584

review (Rus) 45631

single nerve cells, incorporation of carbon-labelled orotic acid & lysine in 19524

skin, in animals (Rus) 33286

small intestine nerves after exper. inj. (Rus) 33312

stimulation of tissue proliferation by regenerating nerve fibers in newt 15587

stomach epithelium (Rus) 33295

supernumerary induced limbs after amputation in Triturus helveticus 4982

tendons, in animals (Rus) 47686

trachea, reactive changes of epithelium (Rus) 33292

***effect of drugs on***

adenylpyrophosphate, on liver regen. after partial hepatectomy, in rats (It) 47817

2-aminoethanethiol on liver regen. in irradiated rats (Ger) 45265

cortisone acetate on leg regen. after exper. amputation in salamanders 3928

cortisone acetate on limb regen. in salamanders, admin. of various doses 49270

cortisone acetate on regen. of amputated limbs in salamanders 3928

cytotoxic drugs on regen. of tadpole tail 48579

drugs activating efferent nerve endings on epithelial keratic regen. (Rus) 3571

ethionine & S-ethylcysteine on rat liver regen. 35810

folic acid on mitosis in regenerating rat tissue 24840

ribonucleic acid (Ger) 19384

triethylene melamine on morphogenetic processes of head regen. in Planaria vitta 4975

***effect of radiations on***

in amphibians, neural factor in extremity regen. (Dut) 7351

x-rays on regen. of peripheral nerves in rabbits & guinea pigs (It) 53749

***physiology***

(Rus) 37191

adrenal regen. hypertension after unilateral nephrectomy with contralateral adrenal enucleation in weanling rats, pathogen. 15595

cathepsin activity in regenerating tails of Xenopus larvae, influence of various morphostatic inhibitors (Ger) 27836

eff. of adrenal transplants on forelimb regen. in normal & hypophysectomized adult frogs 4969

eff. of cerebrocortical excitation on skin regen. (Rus) 37218

eff. of head on regen. of caudal region of Spadella cephaloptera (It) 9325

eff. of starvation on limb regen. in frog (Pol) 7774

eff. of thyroidectomy in adult newts, morphol. 5068

liver, reticular tissue behavior after partial hepatectomy in dogs (It) 39679

of fundic mucosa in rats, eff. of various hormones & of ablation of endocrine glands on epithelization 34949

submaxillary gland, eff. of denervation (Rus) 33293

***REGRESSION*** ***see*** **BEHAVIOR MECHANISMS**

**REHABILITATION**

***see also*** **AMPUTEES**

***see also*** **OCCUPATIONAL THERAPY**

***see also*** **VETERANS**

at Centre de Traitement & de Réadaptation Sociale, Neuilly-sur-Marne (Fr) 36126

36127

at Centre de Traitement & de Réadaptation Sociale, Villejuif, France (Fr) 36137

centers & wards in central hosp. (Sw) 21811

communication problems of counselor 51119

community coordination for rehabil. 28644

contribution of Augusto Romagnoli & Don Carlo Gnocchi (It) 21467

cost of rehabil. center 28291

dent. care & nutrition in phys. med. & rehabil. programs 1479

dynamic med. & rehabil. in space age 51952

follow-up statist., Rehabil. Center of Hosp. of University of Pennsylvania 24602

future of rehabil. counselor 28641

hosp. rehabil. (Ger) 13385

hosp. workshops, principles & problems 18452

importance of motivation of patient 4239

in Australia, integration in med. educ. & serv. 43724

in France, child. serv. (Fr) 37786

in Germany, role of health resorts (Ger) 13380

in internal dis., relation to new regulations for compensation insurance (Ger) 42242

in Sweden (Ger) 52274

in U. S. (Ger) 13375

in U. S., National Conf. of Rehabil. Centers 32524

Institution des Invalides de la Légion Etrangère at Puyloubier, France (Fr) 10220

interdisciplinary research in rehabil. 47529

interdisciplinary research in rehabil., problems in coordination & communication 47528

interdisciplinary research, methods & source of stimulation 47540

med. restoration component in comprehensive rehabil. program 51560

medicolegal aspects 36702

occup. & soc., of released prisoners in England 42181

occup., in work adjustment center providing employment of handicapped 47782

of aged handicapped & surg. patients (It) 42582

of aged in Illinois 4244

of aged injured & arthritic patients, thermal ther. in (It) 42583

of chronic dis. patients 27516

of chronic dis. patients in general hosp. 49969

of disabled housewives in Sweden 20353

of handicapped & disabled, world problems 6501

of handicapped child. 20364

of handicapped child. (Sp) 46668

of handicapped child., phys. assistance (Ger) 11115

of handicapped, concepts & problems in train. & fitness 36700

of handicapped in Argentina, problems & proposed program (Sp) 39127

of handicapped, reeduc. & occup. readaptation in France (Fr) 9339

of physically & mentally disabled, problems (Ser) 22636

of war wounded, programs of various countries (Fr) 31913

Office of Vocational Rehabil., funct. 5404

on general med. ward 30142

phases of rehabil. & classif. of dis. commonly requiring rehabil. 6979

phys. ther., evaluation 48766

practical use of rehabil. consultation 18019

practice of phys. med. & rehabil. in U. S. 47777

principles (Sp) 38536

principles & problems (Fr) 13490

problems (Fr) 25401

progr. in U. S. 13556

programs (Fr) 13481

psychol. factors in rehabil. 6472

18024

rehabil. centers in Gt. Brit. for injured miners 1203

rehabil. serv. in general hosp. 26413

40029

rehabil. serv. in Hôpital Ste-Justine, Montreal 2530

relation of psychiatrists to rehabil. specialists (Fr) 990

role of indust. physician (Ger) 13377

role of phys. ther., progr. (It) 6839

role of soc. insurance 51116

responsibility & contributions of Amer. physiatrists as internat. leaders 36703

serv. centers, funct. & planning 40265

supervision in state rehabil. agencies 18025

total, concept of funct. (Cr) 51232

train. facilities for rehabil. personnel in northwest U. S. 7505

train. of foreign med. personnel in U. S. 47780

vocational rehabil., funct. of soc. worker 18032

vocational, selective placement of disabled workers 16337

WHO report 55414
with occup. ther. (Sw) 45357
Woodrow Wilson Rehabil. Center, Virginia 48769

**REITER'S DISEASE**
etiol. & ther. (Fr) 14367
***blood in***
electrophoresis of blood proteins 36306
***complications***
CNS involvements 13303
rheum. arthritis subsequent to case with marked cutaneous manifest. (It) 31735
***differential diagnosis***
radiol. comparison with rheum. arthritis & ankylosing spondylitis 50402
***etiology and pathogenesis***
chronic bilateral maxillary sinusitis, case report (Ger) 23039
***manifestations***
sacro-illiitis, with iritis & genital infect. 14183
***urine in***
hematuria (Cz) 38135

**REJUVENATION**
rejuvenating action of procaine, mechanism & relation to membrane-stabilizing properties, exper. study & review 3809

**RELAPSING FEVER**
induced as fever ther. of paresis (Fr) 999
***blood in***
erythrocyte adhesion & agglomeration by spirochetes (Ger) 11301
***case reports***
in Europeans in So. Rhodesia 38142
***epidemiology***
in Ethiopia (Fr) 26398
in Russia (Rus) 18867
34672
***experimental***
immunol. behavior of Borrelia duttoni in rats (Ger) 24121

**RELAXATION**
***see also*** **HOBBIES**
***see also*** **RECREATION**
***see also*** **REST**
active relaxation technic for relief of pain from musc. tension 20335

**RELAXIN**
***effects***
induction of growth of pubic ligament in mice, enhancement by depot admin. 15611
inhib. of spontaneous uterine motility in vitro, use as bioassay method 11910
role in stimulating mammary gland growth in mice 31345
***therapeutic use***
adjuvant in labor 6963
dysmenorrhea 7598
dysmenorrhea, oral prep. 40679
evaluation 637
in normal labor 17539
scleroderma, diffuse progressive 48384

**RELIGION**
***see also*** **BIBLE**
***see also*** **MISSIONS AND MISSIONARIES**
***see also*** **MYTHOLOGY**
Catholic hosp. sisters in apostolic work 16189
chaplain-administrator relations in church hosp. 27922
childhood of St. Francis of Assisi & its psychoanalytic implications 44230
church nurse in hosp., funct. 28439
construct form. in science & religion & a scientific approach to the transcendent self 28037
contribution of clergyman Oskar Pfister to psychoanalysis 50044
contributions of psychiatry 42031
42030
cures of Lourdes 38143
cures of Lourdes (Por) 21078
cures of Lourdes, France, med. implications (Fr) 50765
faith & healing 40653
faith healing of tuberc. patient, case report 40659
genesis of Moses, psychoanalytic theory 8414
8415
Habad Hassidism, psychol. aspects 39817
health program for religious 40011
hosp. menus reflecting liturgy of Advent Season 40020
integration of religious & med. concepts in patient treatment 5225
Jewish religio-legal opposition to autopsy 48398
med. matters in tosaphoth 39819
ministry, relation to psychother. (Ger) 33836
mystic selflessness, role of ego, psychoanalytic interpretation 8406
nonsexual significance of symbol of crux ansata 40859
outpatient pastoral counseling in med. centers 4447
pastoral psychiatry, St. John's Ment. Health Institute of St. John's University, Minnesota 24623
patron saints in med. hist. 5232
patron saints of Catholic hosp. 16180 16195 16217 49954
Pope Pius XII, med. & biol. interests & activities (Fr) 31109
Pope Pius XII, role in organized action to aid Jewish victims of Nazism & Fascism 49952
prayer cards for hosp. patients 27930
praying, indic. for prohibition in psychother. (Ger) 11284
psychoanalytic interpretation of people who think themselves Christ 8405
relation of Catholic practice to fertility, statist. 6765
relation to drinking behavior 8504
relation to med., historical & modern concepts 6993
religion courses in professional nursing schools 16219
religious aspects of hypnosis (Por) 21077
religious symbolism, biol. basis 28030
religious symbolism causing neurotic disord. 28036
religious symbolism, cond. in man's unconscious which makes symbols effective 28033
religious symbolism in philosophy of Spinoza 28040
religious symbolism of the cross as a command to suffer manifesting a neurotic distortion of its meaning 28038
religious symbolism, psychol. 28031
religious symbolism, relationship between mystical symbols & existential boundary situations 28035
religious symbolism, symbols as survival values 28034
religious symbols as projection of images from unconscious of man 28032
religious symbols, structure & origin 28029
role of med. in Jewish religion 39818
St. Rene Goupil, patron saint of anesthetists & anesth. aides 40013
science, faith & human nature, review 30486
shamanism 29328
spiritual care of cancer patients as special task (Ger) 8105
spiritual values of med. technol. 16208
spiritualistic cults following invisible Oriental masters (It) 42590
stigmata of Louise Lateau & exam. by Theodore Schwann (Fr) 31323
symbolism & psychoanalytical process of the Book of Job & the Hebrew myth of the Chosen God 28039
yoga practices in India, unusual physiol. manifest. 33856

***RENIN see*** **PROTEASES**
***RENNET see*** **PROTEASES**
***RENNIN see*** **PROTEASES**
***REPRESSION see*** **BEHAVIOR MECHANISMS**

**REPRODUCTION**
***see also*** **FERTILITY**
***see also*** **FERTILIZATION**
***see also*** **PARTHENOGENESIS**
***see also*** **PREGNANCY**
***see also*** **STERILITY**
adverse eff. of crowding on reprod. of mice & 2 generations of progeny 15603
analysis of gene mutants with changed reproductive characteristics in Allomyces arbuscula (Ger) 34396
cytoplasm in sexual reprod. 19682
develop. of colonies of Botryllus schlosseri, exper. analysis (It) 47795
eff. of aging 50970
eff. of alternating high- & low-protein diets in rats 2078
eff. of artif. light on sexual maturity in fowl 42977
eff. of light & temperature on reproductive physiol. in male rats 52455
eff. of partial radioiodine destruction of thyroid in female rat 46451
eff. of semipurified diets in female dogs 5538
inherent reproductive cycle in male rat 40795
lunar periodicity of Jewish month in human reproduction 39815
mechanical models capable of automatic self-reprod., application to study of replication of desoxyribonucleic acid 24974
pacemaker action of estrogens in reproductive processes, review 49509
polyspermia in rats after delayed mating, strain differences in incidence 49489
reprod. disord. of ewe lambs grazed on red clover pastures 19677
self-reprod. of subcellular systems 10196
***effect of drugs on***
17α-ethinyl-5(10)-estren-17β-ol-3-one, norethisterone & 17α-ethyl-4(5)-estren-17β-ol-3-one on reproductive processes in women 13207
17α-hydroxyprogesterone caproate on female rats 13194
17α-hydroxyprogesterone caproate on implantation in mated prepuberal mice 13195
17α-hydroxyprogesterone caproate on reproductive efficiency in cows 13198
radiophosphorus on fertilizing ability of ram spermatozoa & on viability of offspring (Fr) 38884

**REPTILES**
***see also*** **LIZARDS**
***see also*** **SNAKES**
alligators, epinephrine admin. causing lactate acidemia in 31459
Crocodylus niloticus, histoenzymol. of tissues (Fr) 34434
detoxication of aromatic acids by conjugation reactions 1641
eff. of human chorionic gonadotropin on testes of hypophysectomized tortoises (Fr) 48863
embryonic develop. of forebrain (Sp) 13519
histochem. study of secretion of epididymis & sexual part of kidney in reptiles (It) 1882
reptile skin as endocrine test object (Ger) 49282
Salmonella halle, new type in turtles (Ger) 46279
salt glands in marine reptiles, review 54428
Testudo ibera, normal blood cells (Fr) 26821
turtle Testudo graeca, insular tissue in pancreas, histophysiol. (It) 25644
turtles, eff. of maturity & x-ray castration on colored globules of retina (Fr) 26794
turtles, factors affecting hemopoiesis in 31434

**RESEARCH**
biol. & med. in Hungary, annual report of section secretary of Hungarian Academy of Sciences (Hun) 29170
biol. & med., new gnotobiotic discipline 7953
biol. & med., statistical methods in evaluation of results (Ger) 28870
changing responsibilities of land-grant institutions in research & teaching 54528
choice of subject with practical rather than theoretical results in dermatol. research 11554
clin. & preclin., interrelated information needs 54526
clin., principles 37692
contributions of phys. sciences to problems of neuromusc. dysfunct. 47536
engineering research on problems resulting from sensory loss 47537
erroneous prediction of future research ability by academic success in med. 18433
experimentation in man, review 50179
gyn. research in community hosp., integrated program 12391
in indust. hyg. & occup. dis. in Czech. & Russia (Cz) 48671
in photographic indust. 18812
interdisciplinary research in health problems, methods & sources of stimulation 47530
interdisciplinary research in health problems, problems in supervision & future prospects 47531
interdisciplinary research in rehabil. 47529
interdisciplinary research in rehabil., method & source of stimulation 47540
interdisciplinary research in rehabil., problems in coordination & communication 47528
John Curtin School of Med. Research, Australian National University 7169
med., contributions of pharmacy 38024
med., current status, review (Ger) 19394
med., founding of Pasteur Institute of Tangier (Fr) 1430
med., future responsibilities of physicians 31578
med., in E. Africa 49212


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

med., in non-university hosp. 6535 7638

med., in Russia (Rus) 33476 52969

med., in tuberc. outpatient clinics in Hungary (Hun) 10583

med., requirements of & need for researchers (Fr) 47340

med. research grants to U. S. med. schools from federal, state & local governments 15753

med. research in U. S. & Canada (Fr) 9083

med., role of government & industry 9838

med., scientific methods 5445

med., statist. methods & technics (Fr) 21289

med., trends & financing in U. S. 50809

med., use of radioisotopes 51050

methodol. in longitudinal research, application (Ger) 33551

methodol. problems in longitudinal research 33550

National Institute of Med. Research of London (Sp) 39118

Obstetrical Research Laboratory at Tulane University School of Med. 26383

participation of med. students in research as part of their educ. 45570

Paul Ehrlich Institute, Georg Speyer House & Ferdinand Blum Institute (Ger) 25165

research resources in Gt. Brit. 18379

Rockefeller Institute for Med. Research in New York (Ger) 38968

scientific 7947

scientific humanism in med. research 28542

scientific, in Hospital Infantil de Mexico (Sp) 1815

surg., trends 10303

trends in fields of radiation, aging, ment. dis. & tissue & organ transpl. 33032

universities as research centers, related needs (Por) 8759

**RESERPINE**

eff. of ultraviolet rays on diluted reserpine solutions (Fr) 33836

oxidation products, extraction & fluorescence 16710

pharmacol. comparison with 10-chloro- & 10-methoxy-deserpidine (Fr) 38705

stability & chromatography of conversion products (Ger) 20326

***administration***

sustained-release form, comparison of antihypertensive eff. with tablet form in geriatric & non-geriatric patients 4432

***antagonists***

methylamphetamine antag. of reserpine depression of seizure threshold in convulsions in mice 15673

***determination***

absorp. chromatography using cellulose powder, eff. of type of cellulose powder (It) 1848

in pharmaceutical prep., new method (It) 37340

in pharmaceutical prep., rapid & simple colorimetric method (Dut) 53090

in Rauwolfia roots, chromatography & ultraviolet spectrophotometry 4555

***effects***

abolition of cond. reflex in rats, influence of DOPA & iproniazid (It) 37448

attempted prod. of allergic vasc. reactions in rabbits (Fr) 40133

depletion of arterenol & epinephrine in innervated & denervated adrenals of rats, replacement rates 19616

depletion of arterenol content of heart in dog heart-lung prep., correlation with heart rate & pressure 41288

depletion of arterenol in adrenal medulla of hamster, histochem. studies 35098

disord. of motoricity, diminution of handwriting & other extrapyramidal sympt. (Fr) 49229

emetic eff. on pigeons (Fr) 13453

hypotensive eff., central versus peripheral mechanism of action 15009

hypotensive eff., mechanism of action in dog (Fr) 36593

hypotensive eff. on hypertensive rabbits, response to DOCA, mechanism of action (Pol) 7773

increase of blood pressure in rabbits after admin. in high doses 307

induction of lactation in rat (Fr) 3046

inhib. of conditioned escape reaction in rats, antag. of inhib. by iproniazid pretreatment (Ger) 27838

mechanism of sedative action, exper. in rats 32338

negative chronotropic eff. in dog heart depleted of catechol amines 17946

on allergic skin reactions in man (Fr) 26779

on analgesic eff. of morphine in rats (Ger) 43012

on arterenol & epinephrine excretion (Ger)

on arterenol & epinephrine excretion in schizophrenic patients 5484

on arterenol-epinephrine secretion in cats 29871

on avoidance of humans in Rhesus monkeys 17334

on behavior in monkeys 49451

on blood cholesterol levels in cholesterol-fed rabbits 31398

on blood coagulation (Ger) 27186

on blood pressure & nictitating membrane responses to sympathomimetics in cats (Fr) 48830

on blood pressure in spinal cat treated with amine oxidase inhibitors 36938

on blood viscosity, in hypertension (It) 8364

on body temperature in rat, action & interaction with chlorpromazine & serotonin 35826

on brain, with serotonin, antag. eff. of iproniazid & lysergic acid diethylamide (Fr) 44915

on breast involution & on other organs in rats 44069

on cardiovasc. response to sympathomimetic amines, comparison with eff. of pre- & post-ganglionic denerv. (Fr) 38673

on cardiovasc. system 2036

on cardiovasc. system, in anesthetized dogs, eff. of sympathomimetics (Fr) 15093

on chromaffin system of adrenal medulla in cat, guinea pig & rat (Fr) 13467

on CNS funct. & metab. in mice alone & with N-allyl-3-hydroxy-morphinan & morphine (Ger) 36937

on CNS in cats, exper. study (Fr) 7757

on conditioning & habituation to arousal stimuli in cats 42973

on degree & characteristics of autonomic vestibular reflexes (Rus) 45720

on depressor action of 3-hydroxytyramine & epinephrine in guinea pigs, rabbits & cats 48238

on emotional behavior in rats 42992

on epinephrine secretion & depletion in rabbit adrenals (Ger) 29891

on exper. liver carcinogenesis in rats (Fr) 26803

on galvanic skin reflex & EEG in humans (Ger) 35258

on gastric acid secretion in man, comparison with methyl reserpine 31380

on gastric acidity & mucosa, comparison with histamine (Sp) 43918

on gastric secretion (Sp) 21061

on induction of false preg. in rats, with iproniazid (Fr) 48866

on isolated atria of guinea pig heart (It) 37418

on α-keto acid level in rabbit blood 5492

on lactopoiesis (It) 29125

on learning discrimination in rats 3482

on mesenteric vessels of untreated & ACTH-& sympen-treated guinea pigs & rats, comparison with histamine liberator 48/80 (Ger) 12190

on metab., liver & kidneys of albino rats (Ger) 34008

on motility of intestinal villi in dogs (Hun) 52877

on movements of intestinal villi in dogs (Ger) 35376

on ovary of mouse, eff. of prolonged admin. (Fr) 15062

on prolactin form. & release, in rats, comparison with chlorpromazine (Fr) 38729

on radioiodine uptake by thyroid in guinea pigs (Fr) 3083

on response of isolated guinea pig atria to histamine, nicotine, serotonin & sympathomimetic amines (It) 17419

on salivation & on blood circ. during conditioned & unconditioned nutritional reflexes in dogs (Ger) 1439

on sensitivity of guinea pigs to serotonin admin. in aerosols 15104

on serotonin binding & transport by blood platelets in rabbits 12573

on smooth musc. response to various biol. stimulants (Fr) 48922

on space localization 23417

on stimulation of accelerans nerve, pretreatment in dog 21688

on succinic dehydrogenase in rat brain & liver 4191

on sympathomimetic action on heart rate in dog heart-lung prep. 48236

on sympathomimetic amine action in animals 41345

on urinary excretion of 5-hydroxyindolacetic acid in man (Fr) 23524

on urinary 5-hydroxyindoleacetic acid levels, comparison with raumitorine & reserpiline (Fr) 48926

potentiation of toxic action of desiccated thyroid in rats 31343

protective eff. against blood potassium changes after traum. shock in rats (It) 37457

release of indole- & phenyl-alkylamines from tissues of lower vertebrates & mollusca (It) 36599

supersensitivity of organs to reserpine after degen. of sympathetic nerves, mechanism 41821

test of psychiatric eff. of reserpine-orphenadrine combination in dogs (Ger) 6674

tranquilizing action, comparison with phenyltoloxamine & placebo, double blind technic 12508

***injurious effects***

depression, ther., orphenadrine (Ger) 42291

fatal toxic reaction with necrotizing nephrosis in schizophrenic patient, autopsy findings (It) 30685

metabolic disord., comparison with malignant carcinoid synd. (Ger) 3601

obesity, depression & other side-eff. during ther. of essential hypertension 46614

paralysis agitans (Cz) 2755

paralysis agitans-like synd., ther., 3-(β-diethylaminoethyl)-3-phenyl-glutarimide (Ger) 52563

tremor, case report (It) 32127

***related compounds***

6-alcoyl reserpines (Fr) 38687

methyl reserpine, anti-hypertensive potency & side eff. 13333

methyl reserpine eff. on gastric acid secretion in man, comparison with reserpine 31380

***therapeutic use***

(Ger) 30093

alcoholic intoxication & alcoholic psychoses, comparison with perphenazine 38031

alcoholism, comparison with disulfiram 44388

angina pectoris, with glyceryl trinitrate & pentaerythritol tetranitrate, statist. 8135

anxiety, with meprobamate (Fr) 32270

auric. fibrill. with hydroquinidine (It) 42612

autonomic dystonia (Ger) 10396

autonomic dystonia & funct. disord., with ergotamine & β-diethylaminoethyl 2-methyl-1-phenyl-valerate (Sp) 53344

autonomic dystonia, reserpine-ergotamine tartrate-2-diethyl-aminoethyl-2-phenyl-3-methyl-valerate methylbromide prep. (Ger) 3300

behavior & ment. disord. in epileptics, with chlorpromazine & anticonvulsants (It) 54271

behavior disord. in child. & adults, comparison with methylphenidylacetate 12590

behavior disord. of retarded child., evaluation 23511

chorea minor, intrathecal admin. (Pol) 43650

depression, with iproniazid 39167

endocrine & ment. dis. (Rus) 46311

epilepsy with psychosis, with methylphenidylacetate 15560

female climacteric compl., reserpine-ethinyl estradiol-methyltestosterone prep. (Sp) 30623

heart dis. (It) 3732

heart dis., indic. & results (Fr) 31954

heart dis., bradycardic eff. (It) 42626

hypertension (Rus) 28820 33242

hypertension (Sp) 53356

hypertension, alone & with 1,4-dihydrazinophthalazine, statist. (Ger) 15327

hypertension, arterial, reserpine-khellin-phenobarbital prep. (It) 39517

hypertension, eff. of chlorothiazide (Fin) 27303

hypertension, essential, alone & with hydralazine, review 46613

hypertension, reserpine - serpentine - N-(γ-tri-methyl-ammonium-propyl)-N-methyl-camphidinium-di-methyl sulfate prep. (Ger) 18921

hypertension, results & side-eff. (Ger) 35359 23013 35570

hypertension, results of prolonged ther. (It) 39520

hypertension, with chlorisondamine chloride (Por) 16480

hypertension, with 6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide 35706

hypertension, with 1,4-dihydrazinophthalazine 40925

hypertension, with 1,4-dihydrazinophthalazine, results (Sp) 9709

hypertension, with ganglion blocking agents (Rus) 10291

hypertension, with olive leaf extract (Fr) 29213

hyperthyroidism 37247

hyperthyroidism (Fr) 54472

hyperthyroidism (Ger) 8144

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

hyperthyroidism (Pol) 43666
hyperthyroidism, adjunct in preop. management 8006
in disturbed ment. defectives 609
in painless labor for facilitation of uterine contraction & cervical dilat., with glutethimide (Sp) 7592
ment. dis., metab. aspects (Rus) 46309
ment. disord. 14263
ment. disord. (Dut) 1632
ment. disord. (Indonesian) 41976
ment. disord. (Rus) 46311
ment. disord., ambulatory ther. (Ger) 8141
30982
ment. disord., eff. on blood lipoproteins 16363
ment. disord., eff. on extrapyramidal motility (Ger) 25377
ment. disord., indic., mechanism of action & comparison with chlorpromazine (Fr) 49228
ment. disord., with chlorpromazine (Fr) 18497
mitral & other cardiac disord., ther. mechanism by induction of bradycardia (Sp) 44498
nephropathy in pregn. (Rus) 46809
paroxysmal tachycardia, supraventric., in newborn (Cz) 38322
paroxysmal tachycardia with rheum. valvitis & aortic insuff. (Sp) 43921
pediatric dis. (Sp) 348
peripheral obliterating arteriopathy, eff. on circ. (It) 9306
peripheral vasc. dis., alone & with chlorpromazine & tetraethylammonium (Pol) 30842
postop. hyperthermia (Fr) 51876
preeclampsia (Ger) 22850
psychoses (Bul) 45306
psychoses, alcoholic, statist. (Pol) 30764
psychoses caused by hypertension (Rus) 46314
psychoses, chronic, recovery & recur., case reports (Fr) 36140
psychoses, combined with chlorpromazine & 10-(2-methylethyl)-phenothiazine (Ger) 32963
psychoses, eff. on blood proteins (Ger) 27016
psychoses, exogenous traum. & endogenous eff. on blood proteins (Ger) 25369
psychoses, senile & cerebral arteriosclerotic 20833
psychosis, manic-depressive, eff. on duration of manic attacks 41221
reserpine ascorbate in schizophrenia & neuroses (Fr) 993
reserpine - yohimbic acid ethyl ester - 2-(p-butoxyphenyl)-3-(morpholino-N-methyl)oxolane-1,3-methobromide prep. as precp. & postop. sedation (Ger) 23194
rheum. chorea in adult, case report 27970
schizophrenia (Rus) 34683
schizophrenia, chronic drug-resist., with & without chlorpromazine 28549
schizophrenia, comparison with chlorpromazine 53615
schizophrenia, eff. on personality (Fr) 46621
schizophrenia, somatic findings & EEG (Ger) 36489
urticaria pigmentosa 50640
urticaria, psychogenic, in adolescents 53607


*RESIDENCY, MEDICAL see* INTERNSHIP AND RESIDENCY

**RESINS**

*see also* ION EXCHANGE RESINS

*see also* PLASTICS


duolite polyelectrolyte 402, pharmacol. 36592
α-elaterin, analysis of funct. groupings 41296
41328
epoxy resins, irritating & sensitizing eff. on skin 4
epoxy resin systems, properties & indust. hyg. standards 13248
ethoxyline resins in internal bonding of fract., technic 40643
gum arabic & tragacanth., rheol. standard. & emulsifying properties (Ger) 43580
in sage Salvia officinalis (Ger) 43615
resin of Styrax benzoides with mercuric oxycyanide for surg. asepsis (Bul) 32796
resin uptake of radioiodine-labeled thyroxin in blood of pregnant women, comparison with uptake in blood on non-pregnant women 40680
resin-wax embedding medium for serial sectioning of textile fibers, plastic-, cellophane- & thin metal foils (Ger) 55615
synthetic resin for making transparent anat. prep., technic (Ger) 42459
Trink resin cast (Ger) 34553
tragacanth solutions, eff. of pH on stability 16694


**RESORCINOL**

*see also* HEXYLRESORCINOL

***injurious effects***


bullous dermatitis (Ger) 15290


***related compounds***


2,4-disubstituted resorcinols, hydrogenation 2824


***RESORTS see*** **HEALTH RESORTS**

**RESPIRATION**

*see also* APNEA

*see also* DYSPNEA


breathing exercises before & after pneumonectomy (Ger) 54944
breathing exercises, corrective value in asthma & pulm. emphysema patients 1128
breathing exercises in emphysematous stage of chronic pulm. heart dis., blood gasometry before & after exercises (Fr) 21757
breathing exercises, mechanics & value in asthma & pulm. emphysema 1202
common resp. maneuvers causing significant cardiac arrhythmias 24339
correlation of resp. disord. & ventilatory capacity with smoking habits, statist. 48316
depression following peritoneal lavage with neomycin sulfate in 6-year old boy 13487
disord. during transportation of patients (Dan) 10632
disord. in thoracic surg., prev. with perop. direct oximetry (Por) 38900
eff. of diphtherial toxin in guinea pigs (Rus) 48008
eff. of Hemophilus pertussis suspensions & endotoxin (Cz) 38240
eff. of mitral commissurotomy (Fr) 36690
eff. of smoking in normal subjects 21845
gas exchange disturbances during mitral commissurotomy (Rus) 18196
hyperemia, review (It) 9393
hyperventilation causing changes in transmural central venous pressures in man 17062
hyperventilation causing tetany, study of ECG changes produced 568
hyperventilation, eff. on speech & hearing in aviators 16868
hyperventilation in dogs, acute, eff. on blood cations (Fr) 15105
hyperventilation induction in inf., diag. value in congen. cardiovasc. defects (Fr) 12002
hyperventilation synd. 54533
hyperventilation synd., differ. diag. from heart dis. 12268
hyperventilation synd. ECG manifest. 33055
hyperventilation synd., physiol. & psychol. mechanisms (Sp) 8803
hyperventilation with pure oxygen causing cerebral anoxia, paradoxal action 4698
hypoventilation, acidosis & hypoxia occurring in acute postop. period 18135
insuff. & its hemodynamic compl., early detection using graphs, technic (Fr) 38809
insuff. causing hypoxemia (Dut) 37041
insuff., chronic, caused by diaphragmatic insuff. (Fr) 54163
insuff., chronic progressive, ther. 42057
insuff., diag. value of spirometry (Ger) 15447
15456
insuff., eff. on basal metab. (Rus) 53456
insuff., emergency ther. & technics for safe transport to prolonged ther. centers 21826
insuff. in aged, ther., nikethamide alone & with synergistic drugs (It) 39519
insuff. in child., exercise ther. & thalassotherapy (Fr) 21578
insuff., physiol. factors in diag. & ther. 23388
insuff., physiopathol. & ther. (Fr) 54016
insuff., physiopathol. studies (Ger) 54933
insuff., postop. & posttraum., ther. in hosp. recovery room (Dan) 30212
insuff., postop., prev. by tracheotomy in aged & poor-risk patients 50207
insuff., postop., relation of muscle relaxants & other factors to etiol. 35931
insuff., postop., tracheotomy (Ger) 2870
insuff., relation to peptic ulcer 5357
insuff., severe with peptic ulcer hemorrh., surg., emergency gastrectomy, case report 2153
insuff., ther. 51566
insuff., ther. (Ger) 54935
insuff., value of artif. resp. & tracheotomy (Pol) 18048
labored nasal breathing, eff. on venous blood pressure (Rus) 45730
mouth & nasal breathing, influence on parotid secretion (Ger) 23595
of premature inf., simultaneous oscillographic recording of pulse & resp. (Fr) 30466
paralysis, chronic, technic & ther. value of glossopharyngeal breathing (Dut) 41952
paralysis in Landry-Guillain-Barré synd., artif. resp. in (Sp) 8705
paralysis in polyradiculitis, intracheal prolonged artif. resp. (Rus) 34698
paralysis in recur. Guillain-Barré synd., case report 6462
paralysis induction by diethyl-p-nitrophenyl phosphate & parathion in exper. animals, reversal by pentylenetetrazole & pyridine-2-aldoxime methiodide (Ger) 29898
paralysis, rehabil. in long-term cases 16640
paralysis, removal of pulm. secretions by chest physiother. 18377
postop. in chest surg. & laparotomy 24804
ventilation control during hypothermia by determining serum pH, CO2 & electrolytes (Fr) 39824
ventilation disord., diag. value of spirography, review (Ger) 49309
ventilation disord., in postop. cardiovasc. surg., prev. by perop. oximetry (Por) 53881
ventilation disord., postop., caused by anesth. 14539


***effect of drugs on***


arterenol on resp. response to carbon dioxide 20916
autonomic drugs, comparison of various prep. (Rus) 39336
benzylimidazoline, chlorpromazine, pentamethonium dibromide & sodium nicotinate, comparison in guinea pigs (Fr) 48862
bronchoconstrictor drugs on vagal regulation of resp. rate in guinea pigs (Ger) 29880
centropneine on ventilation in dogs & man (Fr) 38732
centropneine, testing of samples on guinea pigs, appar. & technic (Fr) 24905
cropropamide-crotethamide prep. in anesthetized dogs (Fr) 37761
cropropamide-crotethamide prep., use in anesth. & post-anesth. period (It) 35007
cyanide, lobeline & veratridine infusion into CSF in cats & dogs (Ger) 30508
dihydrocodeine & morphine, comparison 13456
4,4-ethylmethylglutarimide as cardioresp. analeptic, pharmacodynamics & oral admin. (Fr) 9509
glucose & fructose on resp. quotient, relation of logarithm RQ to time (Ger) 27198
glyceryl guaiacolate (Ger) 11410
hypotensive drugs on gas exchange in rats, influence of narcosis (Ger) 29882
levallorphan on dogs (Ger) 36483
methypryion on man 12968
morphine, racemorphan & levallorphan (Ger) 34026
nicotinic acid (It) 54205
pentobarbital in guinea pigs 24765
1-phenyl-2-pyrrolidinyl-pentane (Ger) 1587
procaine infusion into CSF in cats & dogs (Ger) 30509
procaine infusion in CSF, localization of point of attack in cats (Ger) 30510
promethazine alone & with meperidine & secobarbital 21858
resp. stimulants on minute volume in rabbits 47741
succinylcholine, in anesth. for bronchoscopy, causing prolonged resp. paralysis (Ger) 23031
succinylcholine on cross-circulated dogs, dual mechanism of action 41285
sulfuric acid mist, in guinea pigs 11604
1,1,1-trifluoro-2-brome-2-chloroethane anesth. (Fr) 54154
1,1,1-trifluoro-2-bromo-2-chloroethane in dogs 35984
venom of stonefish in rabbits 54408


***effect of radiations on***


gamma-ray & x-ray total body irradiation, roentgenokymography (Rus) 51749
x-rays on oxygen intake in mice & rats (Rus) 6638
x-ray total body, in exper. allergy (Rus) 51750


***function tests***


17433
(Dan) 22438
after laryngectomy in humans (Rus) 45733
after pleurectomy (Sw) 45320
alveolar dead space measurement, diag. value in pulm. dis. (Ger) 39881
appar., new design volumetric respirometer 44902
appar., respirometer for rats & other small animals 4570
automatic resp. gas analysis, technic 23306


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

bedside measurement of alveolar carbon dioxide tension 19864

bronchospirometry, Arnaud's method of remaining lung after pneumonectomy (Ger) 22307

bronchospirometry in anomalous pulm. venous drainage, diag. value 12343

bronchospirometry, technic & diag. value (Bul) 16418

carbon monoxide diffusing capacity of lung in normal subjects 13663

cardiopulm. tests in normal cond. & in lung dis. (Ber) 22353

cardioresp. exam. in clin. practice (Fr) 46724

determ. of alveolar ventilation of each lung (Ger) 27199

diffusion capacity determ. (Dut) 43066

diffusion capacity determ., clin. aspects 52677

epinephrine test of bronchial constriction in mitral stenosis 26496

evaluation of their usefulness 6253

field testing of pulm. dynamics 4658

in ankylosing spondylarthritis (Fr) 50358

in armed forces personnel, mobile laboratory (It) 19206

in berylliosis after ACTH & cortisone ther. 46404

in caisson workers (It) 15789

in child. & adolescents (Ger) 34126

in determ. of performance range in puberty (Ger) 34107

in diag. & ther. of pulm. tuberc. (Ger) 22351

in diffuse progressive interstitial pulm. fibrosis 49184

in disability evaluation of U. S. military personnel in compensation consideration, statist. 10688

in gold miners with normal lung x-rays 26056

in mitral dis. (It) 52090

in mitral stenosis (Rus) 10741

in paralysis agitans, dyspnea manifest. 12802

in pulm. tuberc. in child. (Fr) 46856

in residents of agricultural community in Dumfriesshire, Scotland, comparison with community in So. Wales 22328

in retractive synd. (It) 1542

in sarcoidosis (Sw) 45321

in silicosis, physiopathol. & medicolegal factors (Fr) 6348

indic., technics & applications 53575

induced block of pulm. artery (Ger) 22205

maximal resp. flow (Fr) 47348

maximal ventilatory capacity test, interpretative value of an index of maximal expiratory force methodol. (Ger) 46205

meprobamate premedication (It) 19155

Mueller & Valsalva, diag. of tracheomalacia & tracheal deviation by goiter (Ger) 15866

nasal resp. capacity determ. by saturation test (It) 13502

oxygen defic. test, method for oxygen mixture (Ger) 34004

partitional respirometry in humans 16816

pneumography in various dis., clin. value (Tur) 22365

pneumotachogramm for registration of velocity of resp. stream (Ger) 44943

pneumotachographic study of coal miners (Bum) 6587

postop. measurement after segmental pulm. resection (It) 37432

postop. tests in pulm. tuberc. 38396

preop. in thyroid dis., correlation with basal metab. (It) 30259

regional analysis of ventilation with radioxenon, technic & possibilities (Ger) 46199

resist. determ., value in expert testimony of bronchial dis. (Ger) 51837

spirography & spirometry, technic & diag. value (Bul) 16417

spirography in asthma & pulm. emphysema, technic & diag. value (Fr) 50560

spirography in bullous pulm. emphysema (Ger) 37016

spirography, in silicosis, value in diag. & disability evaluation (Fr) 339

spirometric assessment of airway resist. in mitral stenosis 21735

spirometry & relative complementary tests (It) 52062

spirometry in commissurotomy patients (It) 52089

spirometry in heart & lung dis. 18406

spirometry in study of pathogen. of ventilatory disord. in school child. (It) 29735

spirometry, relation of Tiffeneau resp. impulse to resp. threshold (Ger) 41740

step test, resp. & cardiocirc. behavior in subjects differently trained to phys. exercise (It) 9382

step test, resp. & cardiocirc. behavior in subjects trained to phys. exercise (It) 9384

Tiffeneau test, review (Dan) 55109

types & clin. applications, review 42066

ventilation test during effort in tuberc. patients (Fr) 53246

vital capacity determ., pre- & postop. in general surg. 20380

with Krogh's spirometer (Dan) 55110

x-ray technic (Rus) 10816

***in various diseases***

acute intermittent porphyria, insuff. 28140

cardiac & pulm. dis., gas exchange during inhalation of pure air & hyperoxygenated air, in school-age child. (It) 42769

cardiovasc. dis. & focal infect., eff. of psychogenic factors (Ger) 54319

cardiovasc. dis., insuff. (Rus) 22155

chronic berylliosis, pathophysiol. after ACTH ther. 46403

chronic epidemic encephalitis, hypoventilation synd. 35185

coma, disord., ther. indic. (Fr) 5337

conduction disord. of spinal cord, eff. on resp. movements (Rus) 34711

diphtheria, mechanism of develop. of insuff. in animals (Rus) 36882

disord. in newborn inf. with intracranial lesions 24895

eczema, resp. volume in child. 290

geriatric & chronic dis., vital capacity determ., eff. of lobeline (Ger) 39952

Guillain-Barré synd., insuff., case reports (Fr) 54059

gyn. dis. with chronic hemorrh., eff. of hemoglobin levels of blood transfusion (Ger) 16940

mitral dis., residual lung volume determ. 14032

mitral stenosis & left heart failure, disord. 53578

mitral stenosis, disord. 36246

mitral stenosis, eff. of exercise (Fr) 9009

mitral valve dis., comparison with hemodynamic & x-ray data, review (Fr) 9086

mitral valve dis., mechanism during exercise & at rest 35179

mitral valve dis., ventilatory & hemodynamic studies 35635

obesity, alveolar hypoventilation in (Sp) 43941

obesity, cardioresp. synd. in 45044

thoracic & cerebral inj., hyperventilation, ther. (Dan) 22426

thorax abnorm. in inf. 11787

***physiology***

absorp. of accumulated gases in human body, model exper. & role in develop. of atelectasis (Ger) 55562

acid-base relations between CSF & arterial blood in reference to control of ventilation 16820

activity in rats exposed to cold (Fr) 26739

acute eff. of breathing inert dust particles & of carbachol aerosol on resp. mechanism, eff. of sympathomimetic aerosols 40691

adjustment to exper. femoral arteriovenous fistula in dogs 14994

air volume & bronchopulm. vasomotor action, relation to pulm. circ. in dog (Fr) 5768

airway resist. relation to lung volume in patients of different ages 4857

alveolar air composition & resp. dead space during different rates of metab. activity (It) 1905

alveolar-arterial oxygen differences in dogs breathing pure oxygen at different atmospheric pressures 31455

alveolar ventilation & dead space at rest & during effort in normal persons & in dis. (Fr) 11974

apneic oxygen diffusion phenomenon during surg. under general anesth. (It) 51968

apneic oxygen diffusion phenomenon in bronchoscopy under general anesth. (It) 51969

appar. & technic for graphical representation of data 16841

apparent diffusing capacity of lung in normal men during treadmill exercise, relation to cardiac output 4660

bilateral residual volume in healthy men, determ. 918

carbon dioxide content of alveolar air & resp. dead space at various metab. levels (It) 36776

carbon dioxide in alveolar air, dynamic registration (Rus) 15771

carbon dioxide-oxygen partial pressures, role in regulation of ventilation (Fr) 32040

carotid sinus baroceptor & chemoceptor circ. & resp. reflexes in monkeys 2916

closed-circuit helium technic in study of intrapulm. gas mixing, normal & abnorm. states in man 13662

closed-circuit helium technic in study of intrapulm. gas mixing, theoretical findings & model lung exper. 13661

conditioned reactions to sound stimuli during inhalation of ammonia (Rus) 11509

conditioned resp. reflexes, regulatory funct. (Rus) 49551

control by resp. neuronal discharges in pons in cat 50938

correlation with pulm. arterial pressure (Ger) 23021

dead space & alveolar ventilation, determ. & normal values (It) 42222

dead space variations in relation to oxygen & carbon dioxide tensions in airways & in blood (It) 37330

diffusing capacity of lung, determ. & relation to erythrocyte thickness & diffusion coefficient & rate of combination of hemoglobin with oxygen 16466

diffusing capacity of lungs, relation to hemoglobin oxygen saturation of capillary blood & to erythrocyte count 16467

diffusing capacity of lungs, significance & clin. applications 53576

eff. of air flow resist. on ventilation & resp. musc. activity 40363

eff. of brain stem & cerebellar stimulation in monkeys as possible method for bioassay of drugs 52577

eff. of breathing cold atmospheric air 4694

eff. of carbon dioxide, oxygen & nitrogen load on myocardium & liver metab. in dogs (Ger) 30579

eff. of carbon dioxide stimulation in bilateral cerebral infarction 7396

eff. of cervical vagotomy on ventilation & mechanics in dogs 16809

eff. of exposure to compressed air & helium-oxygen mixtures for 12 hours at pressures of 2-2.6 atmospheres 23305

eff. of exposure to 40 G acceleration in chimpanzees 4691

eff. of hypothermia (Sp) 8861

eff. of increased alveolar carbon dioxide pressure on blood pressure & flow strength in greater & lesser circ. in cats (Ger) 11251

eff. of inspiration on intrathoracic blood pressure in anesthetized dogs (Ger) 30501

eff. of intensification of thoracic aspiration on blood pressure & cardiac rhythm in dogs (Fr) 26871

eff. of intravenous nitrogen & oxygen insufflation in cats & guinea pigs (Ger) 46573

eff. of isolated changes of brain temperature in dogs (Ger) 30576

eff. of occlusion of coronary venous sinus, concept of coronary reflex (Sp) 1554

eff. of oxygen/carbon dioxide ratio in inspired air on cerebral blood pressure (Rus) 33231

eff. of oxygen pressure & constant alveolar carbon dioxide tension in inspired air on resp. activity (Ger) 30561

eff. of pH & carbon dioxide pressure in CSF in cats (Ger) 30507

eff. of pleural stimulation (Rus) 49561

eff. of position on resp. rate of newborn & premature inf. 7064

eff. of portal pressure changes (Rus) 49553

eff. of pulm. congestion on vagal afferent activity 47101

eff. of reduction of partial pressure of oxygen, relation to hypoxia in high altitude flight (Por) 31857

eff. of resp. on intravasc. pressure in supra- & subdiaphragmatic descending aorta (It) 29640

eff. of stimulation of interoceptors, eff. of streptomycin on reactivity (Rus) 7799

eff. of stimulation of various points of cerebral cortex in sheep 28636

eff. of suppression on blood pressure (Fr) 26826

eff. of thoracic aspiration on arterial pressure in dogs without pericardium (Fr) 48885

eff. of thoracotomy on pulm. ventilation, comparison of lateral & supine positions 18121

eff. of unilateral disequilibrium 492

eff. of vagal stimulation on excitability of resp. center, in rabbits 11104

eff. of venous infusion of gaseous carbon dioxide into dogs 46380

eff. of vertical position of patients confined to bed on resp. & blood circ. (Pol) 38460

eff. on central venous pressure (Ger) 11254

eff. on LV stroke of ballistocardiogram (It) 15252

electrical activity of internal intercostal musc. during normal resp. in guinea pigs (It) 1889

electrical charges during resp. exchange, electropneumography (Fr) 9162

expiratory tracheal closure reaction in dogs, eff. of codeine (Ger) 39920

factors influencing resp. during heavy exercise 40685

frequencies, determ. in animals, simple electronic counter 28629

gas exchange at level of alveoli, comparison of determ. methods (It) 36831

gaseous exchange & carbon dioxide permeation in lung mechanism (Ger) 46179

funct. relation between maximum expiratory flow & degree of lung inflation 16811

handbook of physiol. & chem. data in man, animals & plants 23354

importance of atmospheric pressure measurement methods in high altitude resp. research 19628

in newborn 24893

in newborn, eff. of labor anesth. 35752

inhalation & retention of aerosols studied by glass microspheres as inhalation tracers, prep. & exper. study 11602

interval between onset of inspiration & resp. increase of circ. flux (It) 49581

intrapulm. gas exchange in hypothermia in dogs (Ger) 30493

mathematical theory of regulation (Fr) 44605

maxium breathing capacity & resting minute volume in normal & sympt.-free asthmatic child. 12005

maximum oxygen consumption during musc. exercise, measurement (It) 1906

maximum resp. work potential in women (It) 6915

measurement of partial tension of carbon dioxide of alveolar air in inf. (Fr) 23928

mechanical aspects of first breath in various animal fetuses 16813

mechanics of resp. in relation to lung size & body size from birth to adulthood 16814

minute maximum ventilation in athletes & heart dis. patients (It) 52064

modifications of canine tracheal divider used in resp. research 31451

movements during breathing, fluoroscopy with mediastinal window technic (Pol) 38106

multiple chamber exposure unit designed for chronic inhalation studies in animals 23344

neural control, review 20344

oxygen debt develop. during exercise in man, kinetics (It) 1907

partial pressure of blood gases & ventilation, determ. in normal child. & polio. child. in respirators 12000

peripheral volume pulse changes with resp. rhythm, finger plethysmography (Ger) 23597

pneumatic registration during changing atmospheric pressure in animals (Rus) 10895

pneumotaxic mechanism of pons, intrinsic periodicity 12484

possible mechanisms regulating relation between resp. phase & concomitant variations of systemic pressure (It) 37466

pressure-flow diagrams in study of flow-resist. variations in normal humans & in bronchospasm (Ger) 40130

proprioceptive regulation, eff. of spinal cord section (Rus) 52970

pulm. funct. during exertion, review (Fr) 176

rate, eff. of exposure of rats to high oxygen pressure 5795

reflex acceleration of resp. rate on opening of mouth, mechanism in man & dogs 40075

reflex changes of resp. metab. in child. (Cz) 38175

reflex resp. activity in newborn rabbits 51107

registration in pressure chambers (Rus) 23626

regulation (Rus) 33480

regulation during exercise, neurohumoral theory (Fr) 48835

regulation of resp. by reflex originating in musc. activity (Fr) 9245

regulation., review (Rus) 21877

relation of blood pressure to resp. fluctuations (It) 1867

relation of blood pressure waves to central resp. innerv. (Ger) 30517

reution of increased airway resist. to breathing work & breath velocity & acceleration patterns with maximum & near maximum breathing effort 4659

relation to blood pressure rhythm (Ger) 30518

relation to protoporphyrin in erythrocytes following artif. pneumomediastinum (Fr) 44606

research (Ger) 30580

research using radio during work & athletic performance (Rus) 15770

residual air, normal values & clin. significance 38412

resist. to breathing, measurement method 11961

resp. center in brain, eff. of isopropyl methylfluorophosphate in dogs with vascularly isolated head 47743

resp. compensation to metab. alkalosis in dogs, eff. of high oxygen concentration 4656

resp. discharge of pons in rabbits 21718

resp. gas analysis method & appar. 32229

resp. gas analysis with bag spirometer 32231

resp. lag phenomenon after unilateral pulm. lesion, reflex mechanism (Rus) 37179

resp. maneuvers, eff. on heart rate 51098

resp. movements in frogs 46684

resp. rate of horses during transition from rest to movement (Ger) 55452

resp. response to acute metab. alkalosis in dogs (Fr) 26814

responses to carbon dioxide during natural sleep at sea level & at altitude 16810

Valsalva exper., clin. aspects (Heb) 39784

Valsalva exper., eff. on circ. time 4680

Valsalva exper., eff. on ECG in normal cond. (Pol) 8083

Valsalva exper. in quantitative measurement of pressure changes in heart, intrathoracic & abdom. vessels (Ger) 12058

Valsalva exper. in suspected aortic stenosis 450

Valsalva exper., physiol. eff., changes induced by various drugs & clin. uses (It) 30681

ventilation & eff. of oxygen breathing during heavy exercise 12027

ventilation, determ. by isotope thoracography (Ger) 22189

ventilation during musc. exercise, eff. of moderate hyperthermia in man (Fr) 21281

ventilation, eff. of surg. (Rus) 18252

ventilation, eff. on blood temperature in right & left heart in rabbits (Cz) 21572

ventilatory responses during exercise in normal, thyroidectomized & in thyroxin-treated rats 12523

vital capacity & maximum expiratory volume per second in normal males (It) 42220

vital capacity, determ. by body surface & height (Sw) 7483

**RESPIRATION, ARTIFICIAL**

*see also* RESPIRATORS

(Sw) 10169

appar., methods & ther. indic. (It) 16212

hyperventilation with intravenous thiopental in resuscitation of inf. (Fr) 8248

in intubation anesth. in brain surg., eff. of artif. resp. (Ger) 25388

in military field cond. (Rus) 45879

in neurosurg., advantages (Fr) 7387

manual & intermittent positive-pressure methods, comparative results 2265

manual & mechanical ventilation in prev. of cardiac arrhythmia in cyclopropane anesth., comparative value 40264

mouth-to-mouth insufflation 18730

mouth-to-mouth insufflation, new technic (Dan) 45491

mouth-to-mouth insufflation, technic (Fr) 43956

mouth-to-mouth insufflation with tube device, technic 973

oxygen supply in (Dan) 52727

positive pressure breathing, eff. on arterial pressure (Fr) 51490

positive pressure breathing, eff. on cardiac rate (Fr) 51491

prone pressure-arm lift method in first aid (Ger) 9522

technics & problems (Ger) 11128

value (Pol) 16048

with adjuvant analeptics for resp. stimulation 45084

***complications***

rupt. of tympanic membrane (Fr) 9079

***in various diseases***

accid. severe electrical shock in employees of electrical utilities, manual artif. resp. 48518

acute resp. failure in chronic pulm. heart dis. (Fr) 8243

anaphylactic shock due to penicillin 20477

attempted suicide with butane & butobarbital, resuscitation with Engström appar. (Fr) 36106

cardiac arrest, indic. & technics 18754

controlled resp. & D-tubocurarine in ther. of status epilepticus 37737

glossopharyngeal breathing in scoliosis 20360

in electric accid. (Ger) 46221

intermittent positive pressure resp. in bulbar & non-bulbar polio. in inf. 291

intermittent positive pressure resp. in crush inj. of chest., with continuous curarization & tracheotomy, case report 41416

intermittent positive pressure resp. with chest physiother. for removal of pulm. secretions in resp. paralysis 18377

intermittent pressure resp. in severe tetanus with musc. relaxants 53504

intratracheal prolonged,in resp. paralysis in polyradiculitis (Rus) 34698

long-term respirator polio. patients, prev. of develop. of urinary calculi 16609

pneumatic breathing aid in pulm. emphysema & polio., eff. on ventilatory efficiency 17015

positive pressure endotracheal ventilation in rabies, with maximum curarization (Fr) 953

positive pressure resp. in bronchopulm. dis. (It) 47826

positive-pressure ventilation in tetanus in newborn, with decamethonium 38849

reanimation in pulm. edema caused by carbon monoxide & trichlorethylene pois. (Ger) 55437

resp. insuff. caused by polio. & other disord., indic. & technics (Fr) 19351

salicylate pois., with neuromusc. block 23542

tetanus, by electrorespirator with curare (Hun) 7690

***RESPIRATION ENZYME, WARBURG'S*** *see* **OXIDASES**

***RESPIRATION, TISSUE*** *see* **METABOLISM, TISSUE**

**RESPIRATORS**

*see also* MASKS

Engström appar. in thoracic surg. (Fr) 30448

Engström respirator in congestive heart failure (Fr) 44039

Engström respirator, indic. for use (Ger) 54936

equipment for artif. resp. of small laboratory animals (Hun) 41638

French portable respirator for air evacuation of polio. patients (Fr) 29232

humidifier 12872

indic. for use during thoracic surg. (Ger) 54933

Liebau's insufflator, evaluation in asphyxia neonatorum (Ger) 46282

oxygen appar. in GP (Dan) 19606

pendulum-rocker for resuscitation of apneic inf. (Ger) 27697

prerequisites for use (Ger) 46233

pressure-breathing appar. in anesth., choice 47312

positive-negative pressure ventilation with modified Ayre's T-piece 958

Radcliffe resp. pump, role in phys. ther. 20366

sensitive self-contained patient-cycled respirator 28630

thoraco-abdom. cuirass respirators in bronchoscopy during general anesth., indic., method & prev. of compl. (It) 52116

Venti-Breather oral resuscitator, evaluation for expired-air artif. ventilation 40281

**RESPIRATORY TRACT**

*see also* BRONCHI

*see also* LARYNX

*see also* LUNGS

*see also* NOSE

*see also* PHARYNX

*see also* TRACHEA

endoscopy, use of photography & cinematography, methods & value 36285

photography & endoscopy of lower tract, technic & results (It) 42758

***anatomy and histology***

cytol. 24163

cytol. (It) 7748

***diseases***

acute resp. dis. in child., ther., phenoxymethyl penicillin 13558

allergic dis., climatic factors 4255

allergic inflamm. dis. in child (Fr) 41140

allergies of upper tract, occup. (Ger) 13193

allergy, eff. of prednisolone on mucosa, clin. & exper. study (Fr) 36163

allergy, environmental control 13554

allergy to castor oil plant, clin. & exper. studies (Fr) 43972

allergy to house dust in So. Africa, eff. of varying climatic cond. 9829

amyloidosis (Ger) 11348

amyloidosis of lower resp. tract, 3 new cases & summary of previously reported cases 54921

amyloidosis, primary diffuse 34947

asthma-like dis. of upper resp. tract, pathol. of bronchial mucosal lesions (Fr) 37919

atrophic processes of upper resp. tract (Rus) 10754

catarrh, pantothenyl alcohol aerosol ther. (Ger) 22837

causing hemoptysis in older men, incidence 49774

causing hypoxia (Rus) 51217

chronic disord. in smokers, improvement after giving up smoking 1134

chronic inflamm., screening of indust. workers (Cz) 30952

collagen dis., etiol., manifest. & ther. 1179

diag. & progn. value of residual air 38412

diag., comparisons in out-patient & hosp. cond. (Rus) 51204

emotional factors, review 42071


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

epidemiol. & statist. (Ger) 49057
fatal, in newborn, statist. & case reports of obst. clinic of Milan (It) 13102
in chickens, ther., dihydrostreptomycin & furazolidone dusts 38185
in child., climatother. (Fr) 32872
in child., diag., bronchography 36280
in child., diag. value of laryngoscopy (Rus) 43541
in early childhood (Sp) 32461
in Gt. Brit., winter epidemics 29786
in indust. workers, causing absenteeism 52674
in inf. & child, bronchial aspiration with bronchoscope (Hun) 3652
in rickets, influence of rickets on incidence & course of resp. dis. (Hun) 7367
inflamm., ther., tacholiquin (Ger) 51849
insurance risks & coverage for resp. dis. patients, panel discussion 31249
irritation caused by inhalation of hexamethylenediamine (It) 51654
limitations of specialism in tuberc. & resp. dis. (Sp) 31839
lymphoblastic infiltration of bronchi, larynx & trachea in lymphatic leukemia (Rus) 55337
manifest. & ther., review 18705
obstruct. after carotid arteriography caused by perf. of arterial wall & retropharyngeal hematoma, in child. (Sp) 3339
obstruct. causing heart failure, rapid diag. & ther. 23444
obstruct. in flexed fetus 48322
obstruct. in infect. mononucleosis 41057
obstruct. synd. in child., etiol. & case reports (It) 2965
obstruct., ther., naphazoline with vitamin C (Fr) 44682
postop. inflamm., prev. & ther. with camphor-ethereal oil-quinine prep. (Ger) 3303
relation to laryngeal & tracheal ciliary beat & direction of ciliary streaming in animals 51163
surg., review 18706
surg., tracheostomy, indic. & technic (Fr) 54018
ther., aerosol prep. of English ivy glycosides with ethereal oils (Ger) 19005
ther., aerosols 43787
ther., aminophylline, nikethamide & sodium salicylate in resp. failure 48300
ther., antibiotics in acute & chronic dis. & infect. 37544
ther., 6-chloro-7-sulfamoyl-1,2,4-benzothiadiazine-1,1-dioxide (Dan) 22413
ther., roll bandage with camphor-ethereal oil-quinine balsam (Ger) 43353
upper tract, clinicostatist. data (It) 42598
upper tract in glass indust. workers, etiol. & prev. (It) 3595
upper tract, review 46934

***foreign bodies***

chronic in child, case report (Pol) 7832
diag. & surg., review (Ger) 27380
differ. diag., case report (Ger) 40970
leeches & snails causing hemoptysis, case reports (Fr) 6394
unnoticed aspiration causing suppurative lung dis. (Rus) 5956

***in various diseases***

collagen dis. (Fr) 3623
infect. mononucleosis (Pol) 53138
periarteritis nodosa (Fr) 32039

***infections***

acute, causing pulm. emphysematous bullae, case reports 48190
adenovirus infect., acute, in adults, epidemiol. & prev. 17399
air-borne infect., prev. with face masks 52804
Bordetella bronchiseptica infect. 22765
Coe virus, new virus isolated from patients with mild resp. dis. 24425
Coxsackie B febrile infect. in naval personnel 33312
diag. & manifest 6553
epidemic in Air Force recruits, statist. parameters 16268
epidemiol. 16333
exper., in adults inoculated with cytopathogenic virus isolated from non-diphtheritic croup & day nursery child., clin. manifest. 25169
hemadsorption virus infect. in child. 38609
hemadsorption viruses in etiol. of acute resp. dis. in child. 50186
in aged, prev. & ther. 43789
in child., antibiotic ther. 43158
in child., diag. & surg. of recurrent infect. 5724
in child., diag. & ther. 21838
in child., ther., oleandomycin-tetracycline prep. (Sp) 8841
in child., ther., penicillin & sulfonamides, single massive dose 7862
in child., ther., tetracycline with vitamins in acute infect. 25138
in indust., prev. 16335
in inf. & child, ther., sulfamethoxypyridazine (It) 42778
in inf., ther., med. & surg. technics 14047
in newborn, prev. & ther. 43788
incidence & sympt. in smokers & non-smokers 52605
isolation & study of unidentified syncytial virus assoc. with acute infect. in inf. (Fr) 47366
J. H. strain of new resp. virus, inoculation of volunteers & course of infect. 18460
lower tract infect. in chronic asthmatic bronchitis (Ger) 9542
nasal & paranasal, causing asthma 50008
postop., after inhalation anesth., caused by bact. from tubes & other parts of anesth. appar. (It) 35005
recur. chronic with hypogammaglobulinemia, ther., omnadin 5302
Streptoc., Griffith type 1, with glomerulonephritis, familial outbreak 18378
superimposed infect. & allergy, differ. diag. 5228
ther., 3-(p-amino-benzolsulfonamido)-2-phenyl-pyrazole (Ger) 3276
ther. chloramphenicol aerosol (Rus) 45215
ther., oleandomycin (Fr) 49737
ther., prednisolone, indic., admin. & results (Fr) 37765
ther., sulfamethoxypyridazine, clin. value & tox. 40087
ther., 3-sulfanilamido-3-phenyl-pyrazole (It) 52070
upper resp. infect. in child., ther., phenoxymethyl penicillin, clin. & bacteriol. response to short-term ther. 17916
upper resp. tract, ther., skin irritation with terpene-nicotinic acid ointment (Ger) 39063
viral 15046
15925
viral (Dut) 15796
viral (Ger) 3260
viral, classif. 16334
viral, etiol., review (Cs) 38325
viral in child, isolation of agent resembling adenovirus 16448
viral in child., prev. vacc. (Fr) 15244
viral, in Royal Air Force personnel 2209
viral, laboratory diag. 15924
viral, review (Ser) 10927
virus infect. (Fr) 38780
virus infect. as caused of heart dis. 49984

***microbiology***

adenoviruses, myxoviruses & other resp. tract viruses, review 25109

***neoplasms***

cytol., review (It) 7747
granuloblastoma of upper tract (Ger) 25333
multiple, of upper tract, classif., pathogen. & incidence, statist. of clinic of Lyons (Fr) 44669
of upper tract, x-ray & radium ther. & surg., methods & results at Curie Foundation (It) 53748

***pathology***

cytopathol. (It) 7753
in rheum. fever, clin. study & review (It) 31743
squamous metaplasia, relation to resp. dis., autopsy findings 33955

***physiology***

aspiration of secretions, technic (Dan) 52717
bioelectric potential of mucosa of upper tract (Ger) 34303
dissemination of air-borne particulate matter in guinea pigs 10428
eff. of climate & other phys. factors (Ger) 36476
eff. of high oxygen concentration on ciliary transport mechanisms, relation to pathogen. of hyaline membrane dis. in rabbits 12001
fluid & particulate material in resp. tract of duck, mechanism of removal 46504
mechanical irritability, age factor in animals (Cs) 38256
mechanism of dust elimination 5622
pH of resp. secretion, endotracheal aspirate of healthy newborn inf. 5709

***wounds and injuries***

surg. or accid. trauma of upper tract, etiol. role in polio. (Fr) 32002

**REST**

***see also* RELAXATION**

armchair ther. with & without anticoagulants in myocardial infarct 35186
bed rest accompanied by decreased blood density & blood pressure (Ger) 26507
bed rest in acute hemorrh. nephritis in child. 39730
bed rest in various dis., use & abuse 50003
eff. on heart volume 35178
eff. on hemoglobin concentration, relation to oxygen saturation 505
eff. on resp. in mitral valve dis. 35179
in prev. & ther. of edema in postthrombophlebitic synd. of lower extremities, Mahorner method (It) 44837
in rheum. arthritis 41786
resp. & pulse rate of horses during transition from rest to movement (Ger) 55453

**RESTAURANTS**

hyg. evaluation of dish-washing machines (Rus) 22688

***RESTIFORM BODIES see* MEDULLA OBLONGATA**

**RESUSCITATION**

***see also* RESPIRATORS**

by intravenous thiopental & hyperventilation in inf. (Fr) 8248
center in Copenhagen, organiz. (Ger) 11127
clin. death induced by hemorrh. & ventric. fibrill., restoration of cardiac activity in dogs (Rus) 52978
during anesth., hist. note 47336
electronic resuscitator for possible use in asphyxia neonatorum 46062
hist. (Ger) 11131
in asphyxia & atelectasis in premature inf. by tracheal intubation & alternating pressure resp. (Ger) 55509
in asphyxia, Holger-Nielsen method (Ger) 46218
in asphyxia neonatorum by analeptics, review (It) 20906
in bronchopulm. obstruct. by edema, hypersecretion, stenosis or dyskinesia (Fr) 54157
in cardiac arrest 37962
in cardiac arrest (Fr) 31948
in cardiac arrest in surg. 18709
in cardiac arrest in surg., surg. & pharmacol. problems (Hun) 30296
in cardiac arrest, massage & artif. resp. technics 18754
in hypothermia in open heart surg. (Ger) 29040
in indust. accid. (Ger) 46219
46220
in military surg. (Fr) 24755
in military surg., adjuvant glucose-insulin-potassium ther. (Fr) 24756
in neurosurg. (Fr) 12980
in perop. cardiac arrest, technic & indic. for thoracotomy & cardiac massage 33134
in perop. ventric. fibrill. during surg. on 73-year-old man with seq. of myocardial infarct, case report (Fr) 51384
in surg. of newborn inf. & young child., problems in control of circ., resp. & metab. processes (It) 24340
in syncopo-asphyxial accid. & cold water shock (Fr) 36205
indic. & technics (Sp) 31819
intra-arterial & intravenous blood transfusion, comparison in agonal cond. (Rus) 22525
intra-arterial blood transfusion (Rus) 22523
intra-arterial forced admin. of oxygenated blood in agonal states (Rus) 22524
intra-arterial forced blood transfusion in parenteral infusion in agonal cond. (Rus) 22522
of newborn in GP (Dan) 22406
of newborn in umbilical cord prolapse with absence of pulse by effortil, umbilical vein admin. (Ger) 34583
of newborn inf. 34893
of wounded in Algerian hosp. (Fr) 54158
oxygen ther. after clin. death in dogs (Rus) 37180
physiol. & biochem. aspects 35649
respiro-cardiac resuscitation in hypoxia, definition 24363
responsibilities of physician (Fr) 53389
Silvester method (Ger) 46217
technics 40333

***apparatus and instruments***

(Ger) 12881
portable kit in cardiac arrest in surg. (Ger) 12882
self-contained resuscitation equip. 38052

**RETICULIN**

in collagen fibers, chem. composition & submicroscopic structure 9585
silver impregnation, technic 5667

**RETICULOENDOTHELIAL SYSTEM**
***see also* LYMPHOID TISSUE**

mesenchymal cell types, early cytol. & develop., review 13230



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

*anatomy and histology*
- electron & light microscopy 13229

*diseases*
- lesions in splenomegaly causing inhib. of hemopoiesis (It) 32601

*effect of drugs on*
- ACTH on histiocytic activity of lung tissue, phagocytic mechanisms (It) 35656
- carbon tetrachloride, histopathol. in rats 46495
- epinephrine alone & with ACTH, on lymphoreticular tissue of spleen in hypophysioprivic rats (It) 36820
- natural steroids on phagocytic activity 19479
- substances depressing phagocytic activity of RE system, trials in mice 7252
- trypan blue block of RE system, eff. on urinary 17-hydroxycorticoids in cat (Sp) 31840

*effect of radiations on*
- radiogold inject. on antibody reactions to kidney homotranspl. in dogs 47562

*extracts*
- ther. of osteitis fibrosa (Por) 39994

*in various diseases*
- reticulosis, hematol. aspects (Ger) 15442
- sarcoidosis, histiocyte content of desoxyribonucleic acid & protein (It) 37428

*neoplasms*
- radiocobalt telether. (It) 13124

*physiology*
- eff. of brucellar vacc., cytol. reactivity (Rus) 55790
- eff. of hypothermia (Pol) 34058
- eff. of RE system blockade on turnover of homologous blood proteins in mice 31428
- factor VII & prothrombin synthesis in RE system, exper. & review 32257
- granulopexic activity during cicatrization of skin wds. in white rats (Fr) 15107
- Kupffer cell breakdown of radioiodine-labeled heat-denatured serum albumin in mice 14099
- phagocytic activity after BCG vacc., correlation with prod. of antihact. antibodies in mice (Fr) 26915
- phagocytic activity, eff. of splenectomy 7237
- phagocytic activity, eff. of starvation in rabbits 12020
- phagocytic funct., review (Fr) 41331
- phagocytosis of bact. in isolated perfused rat liver, opsonic eff. of normal sera 40066
- polyerythrophagocytosis, a new type of phagocytosis by histiocytes of serous effusions (Fr) 21654
- problems of physiol. measurements 13233
- relation of RE funct. to susceptibility of rats to toxic eff. of Eberthella typhosa & BCG inject. (Fr) 38732

*RETICULOENDOTHELIOMA see* SARCOMA, RETICULUM CELL

RETICULOENDOTHELIOSIS
*see also* LETTERER-SIWE DISEASE

*case reports*
- histiocytosis X 33358
- histiomonocytosis, cutaneous malignant type with eruption & spontaneous regressing attacks (Fr) 6313
- reticulohistiocytosis 48179

*complications*
- agranulocytosis, case report (Pol) 7780

*diagnosis*
- x-ray exam. of gastrointestinal system, review 20946
- with polycythemia (Sp) 18854

*etiology and pathogenesis*
- bismuth & neoarsphenamine, with panmyelopathy (Pol) 53185

*experimental*
- induced by macromolecular storage in rats (Ger) 11188

*RETICULOSARCOMA see* SARCOMA, RETICULUM CELL

*RETICULOSIS see* LYMPHOID TISSUE, *neoplasms*

RETINA

*see also* ELECTRORETINOGRAPHY
- dual-exposure stereophotography 95
- photocoagulation in rabbits 84
- photography using modified Bausch & Lomb ophthalmoscope 2110
- photosensitive pigments from turbid water fishes, spectrophotometric analysis 17333
- visual cell, differentiation, metab. organiz. & viability 11689
- visual pigments, chem. & biochem., review 27480
- visual pigments in color blindness 19486
- visual pigments in Drosophila mutants, develop. & location (Ger) 34395
- visual pigments of insects Plodia interpunctella & Ephestia kühniella, eff. of parabiosis between different genotypes on color pigments in mutants (Ger) 34238
- visual pigments other than rhodopsin, spectral properties & function in vision 2105

*abnormalities*
- hered. malform. with corresponding & mirror-image strabismus in monozygotic twins, case reports (It) 23727
- strain of mouse lacking retinal sensory epithelium (Fr) 24882

*anatomy and histology*
- fine structure of rabbit cone cell, electron microscopy 40587
- histol. & topochem., review (Ger) 34413
- in Hemidactylus turcicus & Tarentola mauritanica 53082
- interstitial substance, metal. & funct. significance (Rus) 33489
- rods & cones from bird Uroloncha striata, electron microscopy 5903
- structure in cephalopods, electron microscopy 40599

*blood supply*
- air embolism, differ. diag. (Ger) 51260
- arterial pressure determ. in diag. of internal carotid thrombosis 49650
- arterial pressure, eff. of pendiomide in hypertensives (Fr) 14504
- arterial pressure, measurement by ophthalmodynamometry 14960
- arteriolar manifest. in preeclamptic toxemia, ophthalmoscopy 2100
- arteriosclerotic chorioretinopathy, ther. 23866
- arteriovenous aneurysm, congen. 26064
- arteritis in rheum. arthritis, case report (Fr) 14509
- central artery occlusion causing secondary glaucoma (Ger) 28889
- central venous occlusion (Ger) 42295
- central venous thrombosis causing secondary glaucoma (Ger) 28890
- circ. disord., diag., electroretinography (Fr) 14503
- circ., dynamics, review (Fr) 14502
- emboli of central retinal artery after mitral commissurotomy 47032
- hemodynamic aspects in relation to degree of angioscotoma (Cs) 21561
- histol. changes of retinal central artery in systemic or extraocular local arteriosclerosis (It) 13139
- ischemia, short-lasting, eff. on electric activity of individual fibers of optic nerve & on electroretinogram in cats (Ger) 33941
- new ophthalmodynamometers (Ger) 43360
- ophthalmodynamometry, diag. value in carotid artery dis. 50871
- physiopathol. 14501
- pressure determ. in ther. of hypertension, value 23856
- pressure, eff. of insulin shock ther. (Fr) 14506
- pressure in insulin shock ther. of schizophrenia (Rus) 46297
- pressure in intracranial tumors (Cs) 21562
- pseudoaneurysm of retinal artery, rare case (It) 13945
- thrombosis of central vein in angle closure glaucoma 15736, 15745
- vasc. micrometry with measuring ophthalmoscope 2099
- vasc. retinopathy, ther., hydergine & N,N-diethylleucinon-p-aminobenzoic acid methanesulfonate 23884

*diseases*
- angioid streaks, color photography technic 23847
- Coats' dis., degen. form & atypical form (It) 24964
- degen. of pigment layer & retinitis pigmentosa, with deafness, ECG & audiometric manifest. & case reports (Fr) 54022
- diabetic microangioretinopathy, adrenal cortex funct. tests (Sp) 29343
- diabetic neuropathy 17562, 41154, 49382
- diabetic retinopathy (Fr) 54069
- diabetic retinopathy, hemostasis & intraocular vasc. changes (It) 3855
- diabetic retinopathy in child., prev. with vitamin B12 35349
- diabetic retinopathy, role of adrenal cortex (Ger) 15635
- diabetic retinopathy, testosterone propionate ther., review (Ger) 28913
- diabetic retinopathy, ther., rice diet 20510
- diabetic retinopathy, ther., vitamin B12 26068
- diabetic retinopathy, ther., vitamin P 48429
- diabetic retinopathy, visual & vital progn. (Fr) 36693
- exper. retinal rod degen., prev. by 11-cis-vitamin A 24562
- hypertensive retinopathy (Ger) 28939
- hypertensive retinopathy, exper. (Por) 8776
- hypertensive retinopathy, reversal during drug ther. 23857
- hypertensive retinopathy, review 35730
- inherited dystrophy in mice, its appearance in eyes & retinae cultured in vitro 40786
- macular degen., congen. familial 14110
- macular degen. in aged, surg. 12445
- macular degen. in amaurotic idiocy, case report (Fr) 26367
- macular degen., ther., use of visual aids 41080
- macular edema, phototraum., case report (Fr) 18617
- macular lesions of vasc. origin caused by influenza 26071
- pigmentary degen. caused by 3-chloro-10-[2-(2-N-methylpiperidyl)-ethyl]phenothiazine ther., eff. on visual funct. 11684
- postchoroidal splitting (Ger) 42390
- retinochoroid dis. causing night blindness, classif. 45046
- senile retinopathy, ther., lipotropic-vitamin B prep. lipotriad 50316

*effect of drugs on*
- diaminodiphenoxyalkane-induction of retinal degen. in rabbits 2103
- inhibitors of glycolysis & resp. inducing retinal degen. in rats & rabbits 2102
- sodium fluoride inhib. causing edema of kitten retina in vitro 48213

*effect of radiations on*
- x-rays, determ. of relative biol. effectiveness of various qualities of x-rays on rabbit retina 20929

*hemorrhage*
- caused by pulm. tuberc., recur. in adolescents, ther. (Fr) 7087
- Eales' dis., relation to Behçet synd., case reports (Fr) 14495
- Eales' dis., review 39170
- in newborn 24530
- in newborn inf. (Rus) 34593
- macular hemorrh. in fighter pilots in frequent high altitude flying (Fr) 51486

*innervation*
- nerve fiber connections between retina & hypothalamus, histol., review (Ger) 34419
- stretching & origin of fibers of nerve bundles (Ger) 34439

*metabolism*
- acid mucopolysaccharides in beef retina, isolation & fractionation 47066
- acid mucopolysaccharide in retinal pigment epithelium & visual cell layer of developing mouse eye 47048
- amino acids in extracts & hydrolysates, comparison in cattle (It) 49332
- glycolysis, aerobic & anaerobic, in developing rat retina 40212
- phosphorus cpds. in acid-soluble fraction of bovine retina, separation 49331
- reduced glutathione 47067

*neoplasms*
- angioma, ther., electrocoagulation 12442
- angioma, ther., photocoagulation 12436
- hemangioma, racemose, case reports 23887
- metastatic from uterine adenocarcinoma, case report 47022
- ocular phakomatoses, review (Dut) 52502
- retinoblastoma, pathol. & statist. (Por) 8741
- retinoblastoma, ther., x-ray & triethylene melamine 11705

*pathology*
- degen. of peripheral retina in aged 47057
- dystrophic foci (Ger) 28879
- hyaline bodies of ganglion-cell origin 34921

*perforation*
- of macula, caused by indirect inj. (It) 21460

*physiology*
- absolute foveal luminosity, quantal determ. & statist. evaluation 28585
- contributions of oriented photosensitive & other molecules to absorp. of whole retina, exper. on isolated retinae of deep sea fish 53496
- difference limen as funct. of retinal eccentricity & background brightness 5589
- electric changes caused by phys. stress (Ger) 28046
- electrical characteristics in vitro (Fr) 3035
- exper. with appar. for producing stabilized retinal image 51108
- fovea-cortex systems in man, attenuation characteristics with white & colored light 17859
- fovea-cortex systems in man, phase shift in brightness & delay in color perception 17860
- funct. cone units, contrast sensitivity of light-adapted central vision 23854

funct. organiz. in vertebrates 681

influence of isolation of dorsal iris from neural retina on lens regen. after excis. in salamanders 13939

inhib. & excitation in cat's retinal ganglion cells, recording with intracellular electrodes 52453

of turtles, eff. of maturity & x-ray castration on colored globules (Fr) 26794

origin of cone action potential in carp 50944

origin of electroretinogram, action potentials of various retinal layers & extra- & intra-retinal electric resist. (Ger) 33938

origin of electroretinogram, funct. relation of phases of electroretinogram to visual processes (Ger) 33939

photochem. of visual excitation 15701

reaction to light, relation to protein fraction of retinal pigments (Fr) 38717

resist. & capacity of various layers of frog retina (Rus) 47982

response to glare, diag. value (Fr) 14496

retinal light distribution for circular apertures in Maxwellian view 41242

retinal rod of gecko (Ger) 30591

sensitivity to plane of polarized light in scotopic vision (It) 36770

spectral sensitivity & threshold determ. by electroretinography in Hemidactylus turcicus & Tarentola mauritanica (Ger) 53081

spreading depression of activity in toad retina 12485

***wounds and injuries***

chorioretinal burns produced by atomic flash 4530

flash burns in rabbit retina as means of evaluating retinal hazard from nuclear weapons 24545

torn macula lutea with retinal detachment, new surg. method 37804

## RETINAL DETACHMENT

(Por) 8738

electroshock ther. in, indic. & contraindic. 3392

***case reports***

congen. 24550

retinal detachment at posterior pole 37605

***diagnosis***

slit-lamp exam. of fundus 11690

***etiology and pathogenesis***

macular gap, ther., sodium chloride & ultraviolet rays (Fr) 14488

pre-eclampsia (Dut) 52548

***manifestations***

response to glare, clin. & progn. value (Fr) 14496

***pathology***

calcium oxalate & phosphate crystals in detached retinas 82

calcium oxalate crystals in detached retinas 83

***physiology***

favorable eff. of intraocular hypertension (Fr) 20122

***surgery***

appar. for localization & high frequency ther. (Ger) 46835

appar., special pins & forceps 103

current status (Ger) 3293

elevation of choroid by insertion of polyvinyl sponge in dogs 47044

hist. note (Ger) 39006

indic. & current technics 18111

new method for retinal detachment with torn macula lutea 37804

overlapping technic to produce scleral fold 105

postop. sublux ation of lens 97

scleral imbrication technic 34919

scleral indentation using plastic plugs, technic 23840

scleral shortening, new method 38911

strengthened suturing technic in case with assoc. myopia 23841

technic in retinal detachment with macula hole & myopia magna (Ger) 43357

value of Schepens binocular indirect ophthalmoscope in 11711

vorticosa vein inj. (Ger) 46836

***therapy***

diathermy with multiple type electrode 3527

eye-drop atropinization causing toxic psychosis 36139

## RETINITIS

punctata albescens, funct. & diag. evaluation 34917

***case reports***

punctata albescens with hirsutism (Fr) 31996

***diagnosis***

electrorstinography in chorioretinitis (Cs) 14828

***etiology and pathogenesis***

chorioretinitis in congen. toxoplasmosis, significance in early diag. 4478

chorioretinitis in toxoplasmosis (Bul) 28709

chorioretinitis due to toxoplasmosis 30301

comparison of Coat's retinitis with ocular lesions induced by exper. hypercholesterolemia in rabbits (Por) 53849

tuberc. causing macular neuroretinitis in adolescents, ther. (Fr) 7074

***heredity***

punctata albescens with colloidal bodies of optic disk in 3 generations (Pol) 28840

***in infant and child***

punctata albescens with hyperchloremic renal acidosis, nephrocalcinosis & hypocalciuria (Fr) 54449

***therapy***

anterior pituitary extract & vitamin B1 24108

granulomatous chorioretinitis, management 46457

## RETINITIS PIGMENTOSA

***case reports***

Cockayne synd. of nanism, retinitis pigmentosa & deafness, 1st case in France (Fr) 45005

paradoxical behavior of visual acuity in patient with late retinitis pigmentosa & fenestrated central scotoma (It) 13135

with congen. deafness & vestibulocerebellar ataxia, clin. & genetic study 23718

with congen. hearing disord. & ment. defic., hered. aspects (Pol) 30329

with deafness, pathol. (Fr) 13064

with nanism & deaf-mutism (Fr) 25496

with psychomotor epilepsy & senile chorea (Fr) 46617

***etiology and pathogenesis***

periarteritis nodosa (Fr) 7071

***heredity***

familial electroretinographic & adaptometric exam. of visual funct., review 689

***manifestations***

auditory changes (Ger) 28856

***physiology***

electroretinography 47056

***RETINOBLASTOMA*** *see* **NEUROEPITHELIOMA**

## RETIREMENT

***see also*** **PENSIONS**

financial planning for physicians in Australia 29299

plan for nurses in Canada 14717

planning for retirement in rural communities 16008

problems of aged workers (Fr) 40045

voluntary health insurance for retired persons, new exper. 4473

## RETROLENTAL FIBROPLASIA

etiol. & prev., review (Ger) 49872

follow-up studies (Ger) 28898

ment. develop. of child, with blindness due to retrolental fibroplasia 23506

pathol. & pathogen. (Fr) 14505

review (Ger) 19439

***case reports***

in Hungary, 3 first cases (Ger) 51269

***complications***

ment. defic. 3101

neural & somatic dis. 5627

***prevention and control***

oxygen control in premature inf. 50795

prev. 4083

## RETROPERITONEAL SPACE

***abscess***

subdiaphragmatic, ther. (Rus) 5949

subdiaphragmatic, x-ray diag. (Rus) 5948

***diseases***

echinococcosis, primary (Fr) 46771

idiopathic fibrosis of retroperitoneal tissue causing ureteral obstruct. & lymphatico-venous obstruct. & elephantiasis, case reports (It) 30683

periureteric fibrosis causing renal failure, surg., ureterolysis with adjuvant hydrocortisone ther. 2148

periureteric fibrosis, pathol. & case reports 2141

***hemorrhage***

caused by trauma & causing acute abdom. (Rus) 18216

hematoma caused by non-penetrating abdom. inj., case reports 51593

***neoplasms***

case report (Ger) 23208

diag. & clin. manifest. (Ger) 2873

fibrosarcoma (Ser) 51681

fibrosarcoma, clin. pathol. conf. (Sp) 43881

fibrosarcoma of pelvic retroperitoneal space 10465

10991

Hodgkin's dis. of mesenteries & retroperitoneal space with calcified leiomyoma of uterus, clin. pathol. conf. 52622

Hodgkin's dis., with periodic fever (Sw) 43236

lipomyoma, perirenal, case report 36012

liposarcoma, clin. pathol. conf. 52631

lymphangioma, case reports 34964

metastatic from testes, value of cavography in diag. & ther. (Ger) 15864

neuroblastoma & nephroblastoma (Nor) 10366

neuroblastoma in child., case reports (Sp) 31884

neuromas (Pol) 53175

paraganglioma, with amenorrhea (Dut) 30001

possible mesonephric origin in pregn. 50883A

primary tumors in child, clin. & diag. aspects (It) 48685

primary, x-ray diag. & x-ray & surg. ther. 17283

reticulum cell sarcoma, case report (Bul) 32804

surg., routes of approach (It) 48684

teratoma (Bul) 41590

teratoma, case report (It) 54211

xanthogranuloma, case reports (Fr) 18803

***pathology***

perf. of kidney calculus into retroperitoneal space (Ger) 55602

***surgery***

drainage in transperitoneal ureterolithotomy (Ger) 38448

***RETROPNEUMOPERITONEUM*** *see* **PNEUMOPERITONEUM, ARTIFICIAL**

## RH FACTORS

anti-D antibody in Rh(D)-positive person 509

anti-E antibody, case reports 24404

application of complex-locus in Drosophila melanogaster to interpretation of Rh series 35693

cholesterol in blood in Rh sensitized women treated with Rh hapten 3467

classif. & prediction of future obst. outlook of Rh-negative mothers based on past hist. 52834

Cw groups, frequency of occurrence in population of E. Germany (Ger) 15318

D antigen in human leukocytes & platelets (Fr) 10968

D antigen of platelets of Rh positive-D positive persons (Fr) 10967

D antigen of Rh system in fetal desquamation cells obtained by amniotic puncture (Fr) 26886

detection of Rh antigen in tissue (Ger) 34578

determ. methods, comparison (Ger) 11139

distribution according to blood group in inhabitants of Terra di Lavoro, Italy (It) 9293

distribution in France (Fr) 8237

distribution in Greece 10954

distribution in Sicilians (It) 44814

in erythrocytes in Abyssinian baboon (Rus) 8265

incompatibility, diag. 38577

incompatibility in blood transfusions (Fr) 26966

incompatibility in blood transfusion (Rus) 22539

incompatibility in blood transfusion causing reaction (Rus) 22521

incomplete anti-D-antibodies (Ger) 16074

incomplete Rh antibodies, detection by methylene blue method 10955

iso-immun. in newborn, ther. of seq. (Fr) 21751

isoimmun. in rabbits, eff. of early postnatal immun. on specific isoantibody response 44088

nomenclature & genetic aspects (It) 53690

positive inf. born of positive father & negative mother, fate of any subsequent offspring (Fr) 40873

Rh antigen, demonstration (Sp) 21703

Rh antigen G, familial study 33661

Rh 1Ce) factor, relation to hr (ce) factor 35694

Rh(D) group determ. for transfusions, technic 6497

Rh hapten, eff. of oral admin. on Rh antibody factor 24510

Rho & associated factors, clin. significance, diagrammatic representation of their reactions & prediction of undiscovered Rh factors 50208



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

sensitivity, eff. of active immun. with animal anti-D antibody (Ger) 11466

simultaneous isoimmun. in Rh & ABO systems, case reports (Ger) 27454

three Rh autohemagglutinins in serum of leukemia patient 14319

## RHABDOMYOMA

*case reports*

purum, benign of tongue 5620

testes 40345

## RHABDOMYOSARCOMA

embryonal of head & neck 48542

*case reports*

arm, with metastasis to stomach (Por) 44452

bladder, x-ray diag. (It) 3896

heart, causing marked obstruct. of pulm. valve, case report 3368

pituitary gland, arising from mixed tumor (Ger) 55652

*in infant and child*

rhabdomyomyxosarcoma of bladder, x-ray diag. & case report (It) 27625

## RHEUMATIC FEVER

41046
atypical manifest. & diag. tests, review (It) 52121

contribution of L. Morquio (Sp) 47834

diag. & ther. 9840

18650
29260

prev. & ther. (Ser) 18515

progn. & statist. (Pol) 7826

research progr. in India 4222

review 4263

14403

*blood in*

antistreptolysin form. in agargel (Ger) 11386

antistreptolysin O, in child. (Rum) 31127

antistreptolysin O titer & leukocyte tests after massage of tonsil site in tonsillectomized rheum. patients (It) 44379

C-reactive protein, correlation with other diag. indices (It) 39648

C-reactive protein, diag. value of determ. (It) 39688

erythrocyte sedimentation rate, C-reactive protein determ., blood protein fractions, fibrinogen level & antistreptolysin reaction, clin. statist. 36536

erythrocyte sedimentation rate, C-reactive proteins, diphenylamine & tetrammonium tests, comparison with rheum. heart dis. 13301

glycoproteins (Rum) 6586

leukergy, case reports (Pol) 7816

mucoproteins, diag. value of determ. (It) 39689

proteins (Sp) 27226

proteins, paper electrophoresis (Rus) 20283

seromucoids & orosomucoid, perchloric acid soluble, determ., value in diag. & control 25465

streptoc. antihyaluronidase (Rus) 20275

streptoc. anti-proteinase 28429

various indices as indic. of activity of dis. (Rus) 20282

*case reports*

atypical forms, in child. (Rum) 31140

subacute, in inf. & child. (Fr) 9238

*complications*

body fluid disord. (Sp) 43897

bronchopneumonia 5310

chorea, remote results of interrupted sleep ther. (Rus) 20277

encephalitis with hyperkinesia & epilepsy (Rus) 34798

hepatitis, pathogen. mechanisms (Fr) 44995

liver funct. disord. (Ger) 24307

lung dis. in child. (Rus) 20273

pneumonia with pulm. hyaline membranes, histopathol. (Ger) 27498

pneumonitis, clin. & laboratory findings 17914

pneumonitis, compl. 41265

psychosis, fatal case (Cz) 2741

*diagnosis*

(Fr) 54171

(Ger) 29793

(Nor) 32242

biochem. & immunol. tests in diag. & evaluation of rheum. process (Pol) 20232

biol. tests (Fr) 54174

early diag. (Rum) 31126

early diag. & problems in child. (Pol) 20243

early, review (Ger) 2944/

laboratory tests (Sp) 4065

streptolysin reaction in child. (Pol) 20234

*differential diagnosis*

1413

serol. tests (Fr) 4733

*epidemiology*

in Italian military personnel, statist. (It) 19205

in Minnesota 35837

in U. S. military personnel during World War II 22471

*etiology and pathogenesis*

(Fr) 9234

54169

otitis media (Ger) 19316

streptoc. toxins (Heb) 39783

streptococcal tonsillitis (Fr) 54170

*heredity*

familial case reports & transm. studies (It) 223

*immunology*

relation of streptoc. antihyaluronidase levels to immunol. reactivity (Ger) 11996

sensitization of animals with human sera (Rus) 34649

*manifestations*

atypical (Fr) 54172

in child. aged 2 to 5 (Rum) 31136

*microbiology*

Lancefield D group enterococci from cultured blood 5191

*pathology*

cardiac connective tissue (Rus) 36884

develop. into rheum. arthritis (Fr) 35202

kidneys in child. (Pol) 7825

nasal cavities as site of primary streptoc. infect. in child. (Pol) 7810

relation to rheum. arthritis, review (Fr) 21382

resp. tract, clin. study & review (It) 31743

rheum. nodules in Egyptian child. 4952

skin nerves (Rus) 20274

tonsils (Rus) 25738

*physiology*

capillary permeability in child., Landis test (Cz) 38313

cardiovasc. system (Rus) 20281

thyroid gland (Rus) 20284

*prevention and control*

(Fr) 54176

benzathine penicillin G causing allergic reactions during prev. ther. in adults 7439

benzathine penicillin G ther. of streptococcal infect. 54281

in Missouri, follow-up report of St. Louis secondary prev. program 7004

penicillin prev. of β-hemolytic streptoc. infect. among healthy siblings in rheum. families, review 35710

penicillin prev. of β-hemolytic streptoc. infect. in rheum. fever, comparison of dos., review 35711

penicillin, sodium salicylate & sulfonamide, prev. of relapse 9470

phenoxymethyl penicillin, prev. of recur., oral admin. 164

phenylbutazone prev. of recur. rheum. fever in child. (Ger) 6017

prev. of recur. 48325

review 53637

review (Fr) 9237

*statistics*

in Gt. Brit. 29789

in Gt. Brit., incidence of recur. 13298

in military hosp. in France (Fr) 14358

in rural areas in child. (Pol) 20233

*therapy*

30420
(Fr) 9236
49749
54175

(Por) 13609

acetylsalicylic acid, adrenal cortex hormones & penicillin, indic. & results (It) 8356

acetylsalicylic acid alone & with cortisone & prednisone (Sp) 1556

acetylsalicylic acid with penicillin, value in prev. of rheum. heart dis. 33068

ACTH, cortisone & salicylates (Sw) 45353

ACTH, successful ther. after failure with cortisone, case report (Fr) 44/96

adrenal cortex hormones (Sw) 45352

antibiotics, sensitivity of microflora of pharynx (Rus) 20276

cortisone, causing activation of dent. infect. 36307

cortisone, eff. on visceral pathol. (Sp) 1549

cortisone, general response of body & eff. on rheum. lesions (Sp) 25668

follow-up (Pol) 7827

manifest. of rheum. fever following cessation of ther. 2688

prednisone & salicylates (Cz) 38315

prednisone, eff. on sedimentation rate (Fr) 9239

prednisone resist. of rheum. tonsillitis, case reports (It) 44380

## RHEUMATIC HEART DISEASE

*see also* MITRAL STENOSIS

Bouillaud's dis., etiol., ther. & prev. (Sp) 9715

coronary dis. (Rum) 31142

diag. & ther. 18650
29260

etiopathogen., diag. & ther. (Ger) 55476

evolution & ther. in child. (Rum) 31143

in post-commissurotomy synd. (Fr) 9232

isolated myocarditis without endocardial involvement (Rum) 31131

nosol. (Fr) 54173

pathogen., pathol. & diag. (Sp) 21036

relation to rheum. spondylitis without rheum. arthritis 4837

research progr. in India 4222

*blood in*

antistreptolysin O, in child. (Rum) 31127

antistreptolysin titer, in child. (It) 39729

C-reactive proteins 13300

erythrocyte sedimentation rate, C-reactive proteins, diphenylamine & tetrammonium tests, comparison with rheum. fever 13301

intravasc. erythrocyte aggregation 47492

*case reports*

4020

aortic valvular insuff. 14668

atypical forms, in child. (Rum) 31140

isolated rheum. pulm. valve insuff. (Ger) 52236

rheum. chorea with myocarditis 4234

rheum. granuloma of heart in rheum. arthritis patient 48482

Stokes-Adams synd. as sympt. (Fr) 2489

streptoc. tonsillitis with coronary involvement (Ser) 10920

*complications*

Lutembacher's synd. assoc. with rheum. heart dis. 48864

paroxysmal tachycardia & aortic insuff. complicating rheum. valvitis, reserpine ther. (Sp) 43921

thyroid funct. disord., evolution & ther. (Rum) 31125

Wolff-Parkinson-White synd., case report (Fr) 36686

*diagnosis*

biopsy of musculo-tendinous region of knee (Rum) 31134

Bouillaud's dis., diag. difficulties (Fr) 9502

rheum. with myocardial involvement, ergotamine-strophanthin test (Ger) 11037

*differential diagnosis*

septic heart dis. by L. E. cell test (Ger) 33895

*epidemiology*

in school child. in Leningrad, relation to living cond. (Rus) 33334

*experimental*

significance of autoantibodies in pathogen. in rabbits (Rus) 3409

*heredity*

familial case reports & transm. studies (It) 223

*in pregnancy*

ther. & progn. 1142

with pulm. infect. & congestive heart failure in twin pregn., fatal case 19827

*manifestations*

ECG (Bul) 32738

in child. aged 2 to 5 (Rum) 31136

Luciani-Wenckebach periods in patient with masked rheum. heart dis. treated with prednisone & complicated by melena (It) 20401

*pathology*

heart lesions, review 5695

renal vessels, angiography & histol. (Rus) 25729

rheum. pericarditis, rheumatoid nodules of heart & arteritis, case reports 48482

rheum. process in left auric. appendage 51017

vasc. changes & histochem. changes of ground substance of connective tissue (Rum) 31139

*physiology*

comparison of myocardial dysfunct. factor with mitral mechanical factor 48153

renal funct. (It) 31759

***prevention and control***

in school-aged child. in Rumania, clin. & radiol. diag. (Rum) 31133

review 52637

sampling & screening exam. in No. Carolina, statist. 12646

***statistics***

in elementary school child. in Bari, Italy (It) 31738

incidence with bact. endocarditis 20258

survey of morbid anat. features in Singapore 22300

valvulopathies (Sp) 35671

***surgery***

Hufnagel valve in angina & congestive failure due to aortic insuff., subsequent term pregn. 35629

***therapy***

adrenal cortex hormones, eff. on metab. (Fr) 25462

cortisone & prednisone, withdrawal causing acute reactivation of dis. (It) 31758

digitalis, physiol. eff. of acute digitalization 26494

management 5584

penicillin, lack of ther. eff. on acute sympt. & demonstration of prev. of later develop. of valvular heart dis. 52614

peyote alkaloids (Fr) 15959

salicylates with pantothenic acid in inf. & child. (It) 39529

## RHEUMATISM

(Sp) 3316

Amer. Rheum. Assoc., aims 36916

chronic in adults, classif. & ther. (Fr) 10030

classif. (Sp) 53971

concept (Sw) 10165

current research 21407

diag. & ther. (Fr) 21591

disability evaluation (Ger) 43800

nosol., delimitation of concept (Dut) 43027

pathogen. & ther. (Ger) 39951

progr. in rheumatol. (Fr) 41124

rheum. spondylitis without rheum. arthritis, relation to rheum. heart dis. 4837

rheumatoid factor in sera of syphilitics 47895

rheumatol. division of Moscow polyclinics (Rus) 45159

Royal National Hosp. for Rheum. Dis. at Bath, England, reconstruction 18413

serodiag., clin. manifest. & differ. diag. (Ger) 12183

sojourn of the poet Verlaine at Aix-les-Bains for rheum. (Fr) 44791

subacute articular in adults (Fr) 9221

9235

welfare activities of Swiss rheum. counseling clinic (Ger) 43802

***blood in***

antistaphylolysin titers in various rheum. dis. (It) 31763

antistreptolysin O, antistreptokinase & antihyaluronidase titers, diag. value of determ. (Rum) 31141

proteins in rheum. of NS (Rus) 34713

rheumatoid factor, purification & isolation 44070

***case reports***

rheum. polyvisceritis, acute, with polyarthritis & arteritis (Rum) 6582

***complications***

angiopathy (Rum) 31129

arteritis, relation to periarteritis nodosa (Rus) 41654

cancer of lung, histopathol. (It) 8668

chorea in adult, reserpine ther., case report 27978

deformities, prev. with rest splints of new durafoam plastic material 14684

funicular myelosis in chronic rheum., case report (Bul) 32806

gastrointestinal dis. (Rus) 45128

lung dis. in various rheum. dis. (It) 31742

musc. hypertonia & hypotonia, ther. (Sp) 27240

NS dis. (Rus) 45201

obesity, ther. weight reduction (It) 42627

psoriasis (Fr) 54190

54191

***diagnosis***

classif. index for diag. (Fr) 54186

clin. diag. of rheum. cond. (Por) 16138

early diag. by isolation of streptoc. from throat & by laboratory tests (It) 9357

musculo-cutaneous biopsy in various rheum. dis., diag. value (Rum) 31144

serodiag., review (Ger) 46191

Waaler-Rose reaction with rapidly prepared serum fraction 36300

***differential diagnosis***

prostatic carcinoma (Ser) 18518

***epidemiology***

in Arctic area of Russia (Rus) 45131

in Rumania, correlation with streptoc. infect. (Rum) 31122

in Italy (It) 44382

in Yugosl., in university students (Ser) 27868

rheum. dis. in Israel 39814

***etiology and pathogenesis***

alkaptonuria, chronic, case reports (Fr) 5332

auto-intoxication & constitutional factors (Ger) 19397

19417

filariasis (Fr) 54182

focal infect. (Ger) 41704

hemochromatosis, case reports (Fr) 44785

lung dis., chronic & acute (It) 31747

malignant & other blood dis. (Sp) 21193

megaesophagus with dysphagia (Fr) 36648

pasteurella infect. (Fr) 44797

pseudorheum. after withdrawal of prednisone in ther. of liver cirrhosis (Ger) 51836

relation of rheum. dis. to disseminated lupus erythematosus (Ger) 33747

relation to tonsillitis, in child., incidence in community near Bucharest (Rum) 31137

skeletal musc. lesions, pathogen. & application to ther. (Pol) 30735

tonsillitis (Fr) 29308

***immunology***

complement fixation with tissue antigens (Hun) 7708

***in aged***

inflamm. rheum. dis. with origin in persons over 50-years old 35201

ther., pentaerythritol (Fr) 45032

***in infant and child***

(Rus) 53033

causing encephalitis, clin. variations (Rus) 21881

causing kidney dis. (Rus) 20291

classif. & ther. (Ger) 32956

clin. picture (Rus) 53034

CNS changes (Rus) 43544

cortisone ther. (Rus) 45129

immunol. indices in intermittent phase (Rus) 20292

in preschool & school child. in Cluj (Kolozsvár), Rumania, ther. & long-term follow-up (Rum) 31135

obscure forms (Rus) 45130

prev. (Rus) 45159

prev. & ther. (Rus) 45626

progr. 51529

statist. among Ital. school child. (It) 8664

sympathetic & parasympathetic substances in blood (Rus) 53038

Wissler-Fanconi synd. (It) 2973

Wissler-Fanconi synd., case reports (Ger) 39907

Wissler-Fanconi synd., evolution, ther. & case report (Fr) 25488

Wissler-Fanconi synd., review (Sp) 35540

with nephritis, case reports (Pol) 7824

***manifestations***

bone, metaphysial vasc. manifest. (Fr) 976

comparison of clin. manifest. of so-called rheum. variants with rheum. arthritis 36908

extra-articular bone changes, x-ray diag. (Ger) 39405

locomotor (Rum) 31121

pleurisy, ther., cortisone & deriv. (It) 44330

synovial fluid changes, diag. value of Polley-Bickel needle technic for knee biopsy 35198

***pathology***

histopathol. of various organs (Rum) 31130

osteoplastic processes in lungs (Rus) 36887

review (Rus) 45126

***physiology***

eff. of weather (Ger) 29448

liver funct. test, sulfosalicylic acid turbidity test (Ger) 46127

meteorol. sensitivity of patients of rheum. dis. (Sp) 31807

physiopathol. (Ger) 38935

spleen (Fr) 40461

***prevention and control***

in Hungary, organiz. problems in modernizing care serv. (Hun) 7364

in Italy, organiz. (It) 36229

in Russia (Rus) 33465

med. prev. of primary rheum. (It) 31737

***therapy***

(Ger) 18950

ACTH & adrenal cortex hormones, review 19866

ACTH, eff. on body fluid balance (Rus) 53457

adrenal cortex hormones, irgapyrin & phenylbutazone causing stomach dis. (Fr) 10268

adrenal cortex hormones, review (Fr) 54329

adrenal cortex hormones, review (Ger) 29429

4-aminoantipyrine with phenylbutazone (It) 52096

aminopyrine - aminopyrine gentisate - diphenhydramine methiodide prep. (Fr) 53316

antirheumatics, antibody inactivation eff. (Ger) 55503

Bacillus subtilis-Bacillus megatherium autolysate (Ger) 46197

balneol. & climatic ther., methods in Rumania (Rum) 31132

balneol. & phys. ther., in Rumania (Rum) 31136

carbon dioxide baths (Ger) 49052

chloroquine (Fr) 18500

continuous traction in rheum. of cervical spine (Sp) 3347

cortisone, pathomorphol. picture of chronic hypercortisonism (It) 42693

crenother. in France, coverage under national health program (Fr) 43803

1-deoxyro-16α-hydroxy-fludrocortisone (It) 6911

(2,2-diphenyl-3-methyl-4-morpholino)-butyryl pyrrolidine (Fr) 54184

drug ther. (Ger) 10290

9α-fluoro-16α-methyl-1,4-pregnadiene-11β, 17α, 21-triol-3, 20-dione (It) 52078

9α-fluoro-16α-methyl-1,4-pregnadiene-11β, 17α, 21-triol-3, 20-dione, clin. & metab. eff. in rheum. dis. (It) 31733

formol in abarticular rheum. (Fr) 50359

fresh cell ther., Otto Zajicek method (Ger) 49878

hesperidin phosphate, evaluation (Ger) 11288

histamine-sulfur ointment from mycelium percolate (Ger) 10302

hydrocortisone, intra-articular inject., indic. & technics (Fr) 15225

hydrother. (Ger) 4047

iontophoresis of histacon with kneipp steam ther. (Ger) 39949

irritant ointments (Ger) 19390

limitations of GP & indic. for cooperation with rheum. specialist (Fr) 21783

med. value of so-called cures 14240

16α-methylcorticosteroid cpds. (Sp) 32428

mud baths, hyaluronidase-inhib. eff. (Ger) 42372

mud ther. in chronic rheum., eff. on work capacity (It) 27463

nisalin ointment prep. in rheum. synd. 18799

organiz. of pub. care for rheumatics (Sw) 45047

phenylbutazone 14683

phenylbutazone (Ger) 6725

phenylbutazone (Por) 51643

phenylbutazone, eff. in coexisting essential hypertension 12309

phenylbutazone, irgapyrin & 4-aminoantipyrine with 1,4-diphenyl-3,5-pyrazolidinedione, comparison (Ger) 36953

phenylbutazone-prednisone prep. (Ger) 9539

10295

prednisolone, intra-articular inject. (Fr) 17651

prednisolone, local inject. (Fr) 21760

prednisone (Ger) 3299

radiother. (Ger) 10286

radiother. of chronic rheum. dis. (Fr) 40470

rehabil., cost 28201

rehabil. in indust. (Ger) 43801

remaxsen (Fr) 22174

rheum. patient care centers, adaptation for Swedish purposes (Sw) 22116

rheum. patient care centers in U. S., principles & practice (Sw) 22115

Rochefort-sur-Mer mineral water inject. (Fr) 41134

salicylamides, limited ther. value (Sp) 9676

systematic ther., necessity (Ger) 11298

x-ray & salicylates, remote results (Rus) 45132

***urine in***

glucuronic acid & glucuronides in rheum. dis., review 36108

17-ketosteroids, eff. of thyroid extract & iodized mineral water baths (Rum) 31124

***RHEUMATISM, MUSCULAR*** *see* **FIBROSITIS**

***RHEUMATOID ARTHRITIS*** *see* **ARTHRITIS, RHEUMATOID**

RHINITIS
bovine rhinotracheitis, manifest. & differ. diag. from shipping fever & calf diphtheria 40418
*complications*
incidence of hypothyroidism in non-allergic vasomotor rhinitis in Filipinos 7988
*etiology and pathogenesis*
virus 10374
*immunology*
infect. bovine rhinotracheitis, field trials of modified live virus vaccine in Colorado 40406
*in pregnancy*
vasomotor, ther. 45929
*pathology*
inclusion body rhinitis in swine, histopathol. 12750
nasal mucosa, histochem. (Ger) 32777
*therapy*
hydrocortisone, local admin. (Ger) 12193
methylphenidylacetate with tripelennamine & sandostene in vasomotor rhinitis (Cz) 14843
naphazoline, compl., protective eff. of adding vitamin C (Fr) 44682

*RHINITIS, ALLERGIC see* HAY FEVER

RHINITIS, ATROPHIC
*blood in*
proteins in ozena, pathogen. significance (It) 13496
*surgery*
(Fr) 33902
dolomite implantation, indic. & technics 35333
Eyriès' acrylate implantation, late results (Ger) 20527
Eyriès method (Bul) 41586
plastic surg. in ozena, technic (Pol) 30324
technic & statist. 116

*RHINOLOGY see* OTORHINOLARYNGOLOGY

RHINOPHYMA
*surgery*
diathermic snare (Nor) 45429
plastic reconstruction, new technic 24679

RHINOSCLEROMA
review (It) 24924
*case reports*
(Bul) 28773
ethmoid sinus, maxillary sinus & orbit 36393
*therapy*
N-bis(2-chloroethyl)-2-chloropropylamine, remote results (Rus) 55224

*RHINOSPORIDIOSIS see* FUNGUS DISEASES

RHIZOBIUM
flagellation & growth characteristics of various species 25144
genesis of nodulation in symbiosis of Rhizobium & leguminous plants (Fr) 25132
japonicum prod. of soy bean root nodules, relation of metab., cell dry weight & nucleic acid content to nodule age 17306
leguminosarum, electron microscopy (Ger) 11272

RHIZOPUS
oryzae infect. in pneumoderma pouch rats, inhib. eff. of amphotericin B 13339

*RHODANESE see* ENZYMES

RHODIUM
chemother. eff. on exper. ectromelia virus & neurotropic vaccinia virus infect. in mice 14095
complexes with casein, prep. & characterization (Ger) 47930

RHODOPSEUDOMONAS
5-aminolevulinic acid, enzymic synthesis in Rhodopseudomonas rubrum & spheroides 28272
spheroides, fractionation of component chromatophores by nonionic detergent 1712

RHODOPSIN
chem. of rhodopsin cycle 42990
eff. of flash-illumination on rhodopsin in solution 11688
eff. of proteases & pancreatic lipase on 17328
lipoprotein properties 11687
of octopus & cuttlefish 29802
regen. in achromatic & normal subjects, determ. by b-wave amplitude (Ger) 20121
relation of protein component to reaction to light, biochem. (Fr) 38717
spectral properties & funct. in vision 2105
thermal stability of rhodopsin & opsin 17320
trace metal content 52359

RHODOSPIRILLUM
carotenoid spirilloxanthin synthesis by Rhodospirillum rubrum, origin of methoxyl groups 29811
carotenoid synthesis in Rhodospirillum rubrum 13747
incorporation of amino acid carbon in Rhodospirillum rubrum 47946
protoplasts of Rhodospirillum rubrum, prep. & properties 13772

RHUBARB
Chinese rhubarb, isolation of glycosides (Dut) 43588
*therapeutic use*
rhubarb prep. varemoid in hemorrhoidal anitis (Fr) 30973
rhubarb prep. varemoid in hemorrhoids (Ger) 42306

*RHUS EXTRACTS see* POISON IVY DERMATITIS

*RIBOFLAVIN see* VITAMIN $B_2$

*RIBOFLAVIN PHOSPHATE see* COENZYMES

RIBONUCLEASE
activity after coupling with isocyanatofluorescein (It) 37360
bound & latent mouse-pancreas ribonuclease 13821
in liver tumor tissue in rats 26003
in normal & neoplastic growth 19586
of Bacillus subtilis, isolation, characterization & partial purification 37111
of tobacco leaf, actions on polycytidylic & polyuridylic acids 47957
phosphorylated ribonuclease, structural basis of activity 26962
ribonuclease $T_1$ of Taka-diastase, action on various substances (Fr) 13778
substrate role of 2,3-cyclic phosphates of D-ribofuranoside, properties 14930
substrate role of polyaryl phosphates 4774
*determination*
hepatoma tumor tissue content in rats (Fr) 21286
paper chromatography of crystalline bovine pancreatic ribonuclease & separation from insulin 1373
spectrophotometric titration in ethylene glycol 13782
*effects*
on cell detachment from culture flask in vitro (It) 37358
on introduction of tobacco mosaic virus into single hair cells of Nicotiana leaves 45832
on living HeLa cells, ultraviolet motion picture studies 31385
on West Nile virus, potentiation of infectivity (Fr) 38636
*in blood*
eff. of temporary ligation of renal pedicles in rats 20730
*in cerebrospinal fluid*
determ. 4874

RIBONUCLEIC ACID
analysis of terminal components 47699
fractionation of soluble ribonucleic acid of rat liver cytoplasm 37115
infective ribonucleic acid component from tumor cells infected with encephalomyocarditis virus 7225
infectivity of ribonucleic acid from mice & tissue culture infected with virus of foot & mouth dis. 7238
labile & constant fractions in ribonucleic acid of rat liver cytoplasmic fluid (Fr) 38761
molecular weight determ. & structural analysis of high-molecular weight ribonucleic acid (Ger) 55560
occurrence & distribution of thymine & methylated adenines in ribonucleic acids from various sources 37069
of E. coli, determ. of 5-methylcytosine component 1703
of tobacco mosaic virus, biol. activity (Ger) 23068
of tobacco mosaic virus, content & structure (Ger) 23067
of tobacco mosaic virus, reactions with formaldehyde, inactivation concentration & mechanism 1689
3-stranded polyribonucleotide structure 7177
synthesis from deoxyribonucleic acid, template model 29803
*determination*
chem. determ. of biologically active units of ribonucleic acid in tobacco mosaic virus (Ger) 46169
quantitative determ. in micromicrogram range 41213
staining of cytoplasmic ribonucleic acids by acridine orange in detection of pathol. cellular changes (Ger) 46575
*effects*
on growth & regen. (Ger) 19384
ribonucleic acid extracted from human leukemic lymph node, induction of malignant mesotheliomas in newborn mice by intraperitoneal inject. (Fr) 15086
yeast ribonucleic acid protective eff. against x-irradiation in mice 9569
*in blood*
in cells of peripheral blood of horses (Rus) 13854
*metabolism*
binding of amino acids by soluble ribonucleic acid, dependence on presence of cytidine triphosphate 1714
brain, in various ages (Ger) 46067
p-dimethylaminoazobenzene-induced hepatomas, comparison with liver content (Fr) 44614
E. coli, incorporation of phosphates in fractions of E. coli obtained by centrifugation & chem. means 37076
E. coli infected with T7 phage, metab. of phosphorus of ribonucleic acid 22605
E. coli, stability in vivo of acid formed after inhib. of protein synthesis by chloramphenicol 40515
E. coli, turnover in bacteriophage $T_2$ infect. 13754
E. coli, turnover in pyrimidine-defic. mutant 13789
Ehrlich ascites tumor cells, incorporation of nucleoside triphosphates into ribonucleic acid end groups 16923
enzymatic synthesis 46370
hepatocytes, eff. of cortisone & x-irradiation in rats 20720
in unfertilized egg of Drosophila melanogaster, eff. of Y chromosome 3489
intervention of sulfhydryl groups 19638
kidney, eff. of thyroxin on radiophosphorus incorporation in rats (Fr) 26942
kidney, radiophosphorus incorporation eff. of thyroxin in rats (Fr) 26705
liver cytoplasm 7201
liver, dependence of glycine uptake by proteins on biosynthesis in regenerating rat liver slices 13777
liver, eff. of exper. protein defic. on synthesis in rats (Fr) 37834
liver, incorporation of adenylic acid into 2 soluble ribonucleic acid fractions of rat liver 47962
liver nucleoli of protein-fed & protein-deprived rats, interferometric determ. 3501
liver of tumor-bearing rats, quantitative changes 49670
neuronal content, relation to nerve regen. 15690
nucleoli in liver & hepatoma cells, eff. of high- & non-protein diets in rats 35357
orotic acid incorporation in exper. liver tumors in rats 26004
participation of bicarbonates in synthesis of ribonucleic acid 50535
Proteus & its L-forms (Fr) 13768
radioautographic study with tritium-labeled cytidine 51313
radiophosphorus incorporation in mitochondria of rat epithelioma in vitro, eff. of ATP (Fr) 37835
ribonucleic acid-protein distribution during neural induction 17277
role in cell physiol. & biochem., review (Fr) 37826
silk gland, relation to synthesis of silk fibroin 37084
spinal ganglia, relation between surface, ribonucleic acid content & nuclear volume in encapsulated ganglion cells 41212
supraoptic nucleus ganglia, eff. of salt loading in rats (Ger) 34414
tobacco mosaic virus, prod. of mutants by chem. alteration of its ribonucleic acid in vitro 29979
uracil-2-C14 incorporation in liver ribonucleic acid in rat, eff. of N-2-fluorenyl-acetamide, somatotropin, testosterone & hypothyroidism 2677
uterus during puerperium in guinea pig, histochem. (It) 54255
*preparation of*
liberation from cytoplasmic ribonucleoprotein complex 1695
release from turnip yellow mosaic virus by heating in buffered solutions 22598

*RIBONUCLEINASE see* RIBONUCLEASE

RIBOSE
*determination*
quantitative spectrophotometric method 44907
*metabolism*
comparison of radiocarbon uptake by ribose & deoxyribose from labeled ribose & glucose in various animal tissues 47717
factors influencing synthesis in vivo in rats 4878
form. from hexose in untreated & chlorobutanol-stimulated rats, failure to demonstrate C-6 oxidation pathway 26232


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

ribosyl transfer between ribose nucleotides in rat 42967

synthesis pathways in man 4879

*related compounds*

2-desoxy-D-ribose synthesis by treatment of α-D-glucose monohydrate with solid calcium hydroxide 47705

D-2-desoxyribose biosynthesis in Monilia utilis (Fr) 37114

desoxyribose degradation by E. coli, demonstration as thymidine 28269

RIBS

*abnormalities*

intercostal articulations, case reports (It) 20942

*diseases*

osteitis deformans of 8th rib & thoracic vertebrae causing paraplegia, x-ray diag. (Hun) 29165

Tietze's dis. (Cz) 48586

Tietze's dis., etiopathogen. (It) 31736

Tietze's dis., sternoclavicular, case report (Fr) 19261

Tietze's dis., ther. with prednisolone 50

Tietze's dis. with angina pectoris, case demonstrating diag. problems (Sp) 39125

Tietze's dis. with asthma, hydrocortisone ther. 50133

Tietze's dis. with rheum. arthritis, case report (It) 31760

*fractures*

bilateral, isolated, of first rib (Rus) 45775

bilateral, surg., sternum extension, appar. & technics (Ger) 34540

cough fract., diag. 49656

fatal fract. in child., medicolegal aspects (Fr) 36098

in newborn inf. (Fr) 44647

isolated, of first rib (Ger) 15870

isolated, of first rib, caused by musc. traction (It) 25616

*metabolism*

eff. of age & weight on chem. constituents of costal cartilage in guinea pigs 27572

sulfate incorporation into rib cartilage slices from calf, eff. of vitamin C oxidation 17323

*neoplasms*

angioma (Sp) 25955

Ewing's tumor of right seventh rib, case report (It) 8611

giant cell tumor, diag. by x-ray opacity of thorax (Fr) 38366

sarcoma, osteolytic (Ser) 9951

*pathology*

decalcification in arteriosclerosis, progn. value (Fr) 43759

*physiology*

movements in resp., measurement in normal cond. & pulm. tuberc. (Rus) 31185

*transplantation*

costochondral auto- & homografts in rats, relation to biol. survival & growth of cartilage grafts in hypophysectomised rats 8031

RICE

alcohol dehydrogenase from rice shoot, eff. of aeration on activity 1391

eff. of cooking on carbohydrate, protein & ash content (Sp) 1558

fruit-rice diet in hypertension (Rus) 32542

long-term rice & rice-tapioca diets, eff. on blood & liver of rats 2083

plants, resist. to fungus Piricularia, determ. method 23764

replacement by tapioca macaroni & eff. on general health & nutrition of child. 37586

replacement by tapioca macaroni, eff. on calcium, phosphorus & nitrogen metab. in undernourished child. 37594

rice diet in diabetes with vasc. dis. 20510

skin dis. in rice-field workers (It) 8612

RICKETS

antirachitic activity of adrenal cortex hormones in inf. & rats (Ger) 34108

prev. & ther. by vitamin D, pediatric significance (Ger) 28077

vitamin D resist. forms (Fin) 27297

vitamin D-resist., review 39923

vitamin D-resist. rickets, clin. analysis & hered. 12006

*blood in*

calcium in idiopathic vitamin-resist. rickets, calcium gluconate perfusion test (Fr) 44612

*case reports*

(Dut) 43077

in New Zealand 52696

in newborn with giant cell hepatitis & postnecrotic cirrhosis, clin. pathol. conf. 28513

in 7 year old girl (Rus) 43546

vitamin D-resist. rickets with craniostenosis 20703

vitamin D-resistant cases (Tur) 45432

with osteopetrosis & scurvy in Negro 37618

*complications*

periostosis (Fr) 7512

pneumonia, ther. (Rus) 7914

resp. tract dis., influence of rickets on incidence & course of resp. dis. (Hun) 7367

*differential diagnosis*

x-ray diag. & differentiation from scurvy & congen. syphilis 43697

*epidemiology*

in Hungary (Hun) 16068

*etiology and pathogenesis*

blood phosphate defic., hered. (Sp) 43870

parathyroid gland disord. (Rus) 43555

*experimental*

calcium deposition in bones in rachitic rats, eff. of vitamin D2 (Ger) 16375

eff. of vitamin D (Ger) 3266

eff. of vitamin D on beryllium rickets of rat incisor 20157

eff. of vitamin D on dent. manifest., pathol. & anat. aspects (Ger) 28075

eff. of vitamin D3, calcium & phosphorus on epiphyseal histol. in rachitic rats (Ger) 30612

nucleus form. & growth of cartilage in calcification of rachitic rat tissue slices, inhib. by beryllium & iodoacetate 1381

rachitic process induced by fluorosis in pigs, review 7566

sulfate metab. of cartilage & bone in rachitic rats, eff. of parathyroid extract 31395

*manifestations*

radiotransparent striae in joints (It) 20227

*pathology*

bone mineralization defect in vitamin D-resist. rickets 39930

detection of nuclei of crystallization in rachitic cartilage 31396

*prevention and control*

failure (Dan) 22450

vitamin D admin. during pregn. (Ger) 28076

*therapy*

citrates (Por) 16484

dicarnitine, clin. & biochem. eff. (Fr) 54883

resist. cases (Dut) 1613

*urine in*

amino acids (Ger) 34125

RICKETS, RENAL

*etiology and pathogenesis*

hypophosphatemia due to glomerular & tubular renal insuff. 51049

*urine in*

electrolytes in vitamin D resist. rickets & Toni-Fanconi synd. (Ger) 30054

RICKETTSIA

contrast staining in histol. sections with Giemsa stain (Ger) 32294

differentiation of strains causing Kenya tick typhus from strains causing Indian tick typhus (Rus) 22693

isolation & exper. studies on various strains from tick-borne typhus (Rus) 55780

Neorickettsia isolation from case of subacute sclerosing leukoencephalitis (Fr) 1077

Rickettsia mooseri, electron microscopy after prolonged cultivation in body louse (Rus) 11500

Rickettsiella melolonthae, popilliae & tipulae, pathogenic for insects, comparative morphol. & serol. (Ger) 23080

staining with Wright's stain variant (Fr) 14431

RICKETTSIA PROWAZEKII

*see also* TYPHUS

E, immunogenic properties (Rus) 33644

electron microscopy after prolonged cultivation in body louse (Rus) 11500

isolated from blood of Ethiopian goats, eff. of cold on preserv. (Fr) 14430

*effect of drugs on*

para-aminobenzoic acid & quinoxaline cpd., resist. 50339

RICKETTSIA TSUTSUGAMUSHI

penetration into mammalian cells in vitro 50538

RICKETTSIA TYPHI

*see also* TYPHUS, MURINE

toxin inject. into rats causing cardiovasc. funct. abnorm. 17411

RICKETTSIAL DISEASES

*see also* Q FEVER

*see also* ROCKY MOUNTAIN SPOTTED FEVER

*see also* TYPHUS

*see also* TYPHUS, MURINE

exanthematous autochthonous (Fr) 44772

*case reports*

neo-rickettsial dis. (Fr) 14429

*complications*

arteritis (Fr) 47342

juvenile arteritis (Fr) 24768

vasc. dis., serol. findings (Fr) 8251

*diagnosis*

complement fixation inhib. test 28402

*epidemiology*

neorickettsiosis in Fr. W. Africa (Fr) 54031

*experimental*

chem. prev. & vacc. (Rus) 22694

*immunology*

antibody titers among jungle inhabitants of upper Amazon Basin during infancy, childhood & adolescence 43523

eosinophil count changes after inject. of specific antigen to subjects sensitized to Rickettsia (Fr) 51515

vaccines, antigenic analysis for chicken egg white & egg yolk components 16517

*in infant and child*

transm. by animals 7855

*manifestations*

blood vessel changes (Ger) 52260

RIFT VALLEY FEVER

*case reports*

in laboratory worker in Rhodesia 2761

*virus*

interference between active virus & ultraviolet irradiated inactive virus (Fr) 26893

So. Rhodesian strains 2762

RINGWORM

classif. & ther. 6958

etymol. of term epidermophytosis (Ger) 49840

foot & hand, prev. & ther. (Rus) 22516

isolation of fungus from feral rodents in Georgia 12762

isolation of fungus from large wild mammals in Georgia & Florida 12763

Microsporum lanosum infect. of lions in captivity (Fr) 19454

palmar & plantar epidermophytosis (Ger) 22644

review of Yugosl. literature 19457

scalp (Nor) 19946

scalp, in Belgian Congo & Ruanda Urundi 10513

scalp, in So. Australians, cultural factors 18767

transm. by laboratory animals, prev. & case reports (Ger) 34467

Trichophyton rubrum infect. (Ger) 22975

Trichophyton violaceum infect. of scalp, outbreak in New York school 23357

*case reports*

caused by Microsporum gypseus (Fr) 19343

Microsporum gypseum infect. of fingernails 23368

tinea imbricata (Rus) 22514

Trichophyton schoenleini infect., generalized fatal cases (Fr) 1419

*complications*

allergic reactions in conjunctiva & cornea (Ger) 43354

*epidemiology*

epidemic among people in small town 11568

in adults in Russia (Rus) 45651

in Hungary, epidemic in a village in 1956 (Hun) 43100

in Russia, occup. (Rus) 22503

*experimental*

eff. of oral griseofulvin in guinea pigs 7219

*manifestations*

Epidermophyton rubrum infect. (Rus) 22504

*therapy*

acetic acid solution in ringworm of feet (Rus) 45652

biogenic stimulators in ringworm of foot (Rus) 10897

borotannic complex-salicylic acid prep. in onychomycosis 4571

foot, prev. of reinfection by sterilization of footwear 50272

galvanic baths (Rus) 45873

griseofulvin, oral admin. 41820, 41823

metal iodides-salicylic acid-benzoic acid ointment prep. in ringworm of scalp caused by Microsporum canis (Fr) 37896

PAB & essential oils in ringworm of scalp (Sp) 35535

potassium iodide (Heb) 49832

prednisone in noninflamm. scalp ringworm, oral admin. 5216

superficial infect., review 29262

*RITALIN see* METHYLPHENIDYLACETATE

**ROCKY MOUNTAIN SPOTTED FEVER**

***epidemiology***

in Italy (It) 52776

***experimental***

adaptation of causative agent to mice by pulm. & oral routes after passage through Melolontha larvae (Fr) 48833

Sao Paulo typhus & Siberian tick fever, intrarectal inoculation in body lice (Ger) 34323

***in infant and child***

case reports, statist. follow-up 5710

***manifestations***

unusual manifest. (Ital) 32793

*RODENT ULCER see* CARCINOMA, BASAL CELL

**RODENTS**

*see also* **MICE**

*see also* **RABBITS**

*see also* **RATS**

calculation of home range & density of mice & shrews 53650

eradication & control in Switz., methods (Ger) 39788

hare from animal shop in transm. of tularemia (Ger) 49015

isolation of Leptospira ballum in small rodents of Scotland 28984

isolation of ringworm fungi from feral rodents in Georgia 12762

laboratory studies of 5 anticoagulant rodenticides 53667

neotropical rodents, hosts of mite Tur uniseriatus 5606

nutria, histomorphol. of endocrine pancreas (It) 37526

parasitic mites in wild rodents (Pol) 33679

Rhombomys opimus, transm. of anthrax (Rus) 55808

schizogregarine Mattesia orchopiae in flea of squirrels in England 30370

So. African mole-ray host of new species of mite Myonyssoides 47614

squirrel host of flea Orchopeas wickhami infect. with Hepatozoon sciuri, possible flea vector of infect. 30373

Streptococcus A infect. in wild rodents in U. S. 17482

transm. of swamp fever, histopathol. aspects (Pol) 31514

sylvatic plague in rodents, insecticide-bait box method for control of vectors 40891

**ROENTGEN RAYS**

appar. for epilation by x-ray (Rus) 45766

dos., conversion of depth doses from one focus-skin distance to another 26100

dose to staff in hosp. x-ray departments 14420

dosimetry, appar. & technic (Cz) 30954

dosimetry, routine incident radiation dos. measurements in barium meal exam. 37635

eff. of 1,2-benzopyrene & 3,4-benzopyrene on sensitization in rats (Ger) 9988

exposure dose relation to absorbed dose in nonelectronic equilibrium cond. 20923

exposure to diag. & ther. irradiation in urban population, statist. 53655

gonadal dose, measurement of scattered dose & relation to distance from beam edge, study with water phantom 37622

increased tolerance in mice by sieve x-irradiation 8532

manometric actinometer fo. x-rays (Ger) 34234

roentgen-ray phantoms as test objects 47233

roentgen unit, hist. & prospectives (Ger) 39414

roentgen unit, need for definition change (Ger) 15876

sensitivity of ascites tumor cells in mice, eff. of nitric oxide 19599

sensitivity of normal & neoplastic rat tissues, eff. of triiodothyronine 52306

sensitivity of tissues, relation to tissue oxygen 29008

spectral distribution of 280 kVp x-rays 14147

species differences in responses to high doses 20930

tubes, distribution & intensity of bremsstrahlung spectra 35450

tubes, focal spot sizes 2131 2133

tubes, focal spot size measurements & their application in tube develop. 2132

ultrasoft x-rays for weighing of cellular structures 3761

x-ray diffraction method in exam. of nerve ultrastructure (It) 29832

***effects***

auto-sensitization reaction in x-irradiated animals (Rus) 48033

biol. & biochem. eff. in man & animals, review (Ger) 32632

biol. compensatory processes for measurement of eff. in mice (Ger) 9979

chem. eff. on aqueous solutions of adenosinediphosphate 8529

chromosomal aberrations in Tradescantia plants, effectiveness as inducing agent compared with other radiations 31606

chromosome aberrations in calcium deficient Tradescantia algae 52334

chronic exposure prior or subsequent to acute dose in rats 37615

conditioning of heterografts of neoplasms tissue (Fr) 17656

degradation of methionine in vitro 19635

denaturation of blood proteins (Ger) 23056

desoxyribonucleic acid metab. in liver of small intestine (Rus) 51753

distractibility in monkeys 5118

early gastrointestinal response in rat exposed to whole-body x-irradiation 44301

eff. of concomitant superficial x-irradiation on lethal effectiveness of 250 kvp x-rays in dogs 53741

eff. of cnokerite skin irritation after local irradiation (Rus) 48044

eff. of preliminary small & repeated doses on resist. to subsequent irradiation, in rats (It) 53792

exosmosis in plants (Rus) 25911

fractionated, on spinal cord in animals (Ger) 10008

histamine liberation from tissues after total body-irradiation (Fr) 13454

immunogenetic reactions in x-irradiated mice after transpl. of homologous hematopoietic cells 17778

in adrenalectomized male white rats (Rus) 33488

in morphogenetic field (Dut) 7352

inactivation of alcohol dehydrogenase & glyceraldehyde-3-phosphate dehydrogenase 52317

inactivation of hyaluronidase from Escherichia freundii & from bovine testes 1362

inactivation of spores of Bacillus species 50331

inactivation of sulfhydryl cpds. in rats (Rus) 37134

inactivation of yeasts with varying degrees of ploidy, mathematical analysis of genetic & non-genetic components (Ger) 46162

increase of cellular constituents in irradiated mammalian cells 47949

indirect eff. on radioiodine uptake by thyroid of chick embryo 11549

induction of immunol. tolerance during recovery from irradiation, failure in mice 29868

inhib. of epithelium cell mitosis in small intestine of rats given whole body irradiation, protection by cysteine 23294

inhib. of glycolysis in Yoshida ascites tumor cells in rats (Ger) 46176

lethal dose, eff. on nucleic acid & phosphorus metab. in rats (Rus) 6637

lethal eff. on dividing yeast cells, mitigation by exposure to ultraviolet rays 21704

maintenance & adaptability of mouse ascites tumor in x-irradiated rats 25999

mortal. response of irradiated rats subjected to cold exposure, role of food consumption 12530

mutations in Datura tatula (Ger) 30598

mutations in Drosophila ambigua, characterization of mutations (Ger) 24390

mutation in protozoan Paramecium multimicronucleatum 54393

on acceptance of rat bone marrow graft by mouse, compatibility factors 55428

on activity & emotionality in pre- & neonatally irradiated rats 17080

on advanced spontaneous leukemia in mice, with inject. of homologous bone marrow cells (Fr) 37802

on alanine incorporation into proteins in liver homogenates & tumor cells (Ger) 10012

on δ-aminolevulinic acid dehydrogenase in vitro (Pol) 23585

on anaerobic carbohydrate metab. in ascites tumor cells (Ger) 34234

on animal reaction to dolsin (Cz) 38233

on antibody form., comparison with eff. of injected radioisotopes in rats 20931

on antibody form. in lymph nodes in rabbits (Ger) 34000

on aqueous humor & blood epinephrine content in rabbits (Rus) 37183

on aqueous solutions of glycine 8528

on arterial pressure (It) 53793

on atrophic uterus in rats (Ger) 10014

on Bacillus megatherium, temperature dependence of sensitivity of dry spores between 5° & 309° K 15665

on bactericidal activity of rabbit blood, interrelation with eff. of heparin, citrate & protamine 17404

on biosynthesis of cholesterol & fatty acids from acetate & mevalonate in liver of hypophysectomized total-body irradiated rats (It) 52105

on biosynthesis of cholesterol & fatty acids from various precursors in liver of total-body irradiated rats (It) 52106

on blood cholesterol & ionic levels (Ger) 22807

on blood coagulation after low dos. irradiation of sternal region (It) 6950

on blood coagulation in vitro 23582

on blood content of ferritin & other vasotropic substances in dogs (It) 36752

on blood 17-hydroxycorticosteroids in dog (Fr) 36075

on blood in rabbits (Rus) 10804A

on blood lipids & lipoproteins in chick embryo 8531

on blood proteins & glycoproteins in adrenalectomized rats, total-body irradiation with low doses (It) 36814

on blood proteins & glycoproteins in rats, total-body irradiation with lethal doses (It) 36811

on blood proteins & glycoproteins, protective eff. of ACTH in total-body irradiation with lethal doses in rats (It) 36813

on blood proteins & glycoproteins, protective eff. of cysteine in total-body irradiation with lethal doses in rats (It) 36812

on blood proteins & histol. of adrenals & pituitary, eff. of protective screening in guinea pigs (It) 21465

on blood proteins in rabbit & horse (Rus) 51788

on blood proteins in rats, x-irradiation of intestinal tract 11535

on blood protein restoration after exper. hemorrh. (Rus) 33560

on blood tripeptidase activity in rats (Fr) 9025

on bone calcium & potassium metab. in rats (Rus) 7786

on bone marrow cytol., demonstration by radioiron uptake in blood & bone marrow after total-body irradiation 32676

on bone marrow homografts & heterografts in mice, eff. of dos. & role of immunol. relation of donor to host (Dut) 43045

on bone marrow homotranspl., homograft reaction in x-irradiated rabbits 47573

on bone marrow homotranspl. in rabbits 47572

on bone marrow transpl., nonnuclear antigenic stimuli for rejection of rat bone marrow heterografts in x-irradiated mice 10801

on capillaries in web between toes of frog, comparison with ultraviolet rays 29837

on capillary permeability & protein retransport from tissue in dogs (Ger) 46090

on capillary permeability in dog, total body x-irradiation 19565

on capillary permeability, total body irradiation in dogs (Hun) 43440

on Carassius carassius survival in low temperatures (Fr) 48893

on carbohydrate synthesis & distribution in E. coli 23289

on cell structure & division of mouse intestine, ultraviolet microscopy 28522

on cellular differentiation of exper. mouse tumors 14761

on cervical lymph nodes & tonsils (Ger) 36447

on cholesterol, fatty acid & protein synthesis in rats 11536

on chromosomes of Drosophila melanogaster spermatozoa, with urethane or mustard gas 34377

on coenzyme I metab. in Yoshida ascites sarcoma cells (Ger) 9985

on corticosterone content of adrenal blood of rats (Rus) 31147

on cytochrome c metab. (Rus) 51771

on desoxyribonucleic acid & desoxyribonuclease metab. of tumor tissue, liver & spleen in rat 30453

on develop. of bean sprouts, with ultrasonics (It) 53747

on developing fetal nerv. system 31639

on dipeptidases in frog & toad embryos (It) 1523

on discrimination learning in monkey 5119

on dolsin metab. (Cz) 38232

on DOPA-oxidase in melanocytes of quiescent hair follicles 44141

on Ehrlich ascites tumors, cytochem. 2684

on Ehrlich ascites tumor, eff. of nitrous oxide on sensitivity 19701

on elastic tissue, immediate eff. 41794

on enzyme activity in vitro & in vivo (Fr) 41370

on eosinophil count in monkey 48059

on erythrocyte & leukocyte count & body weight in rat after exposure to x-rays from modern dental x-ray unit 16533

on erythropoiesis, determ. by radioiron uptake in various organs in mouse 49376

on erythropoiesis in dogs (Rus) 7785

on exper. aseptic inflamm. (Rus) 7783

on exper. cancer, eff. of ACTH & cortisone on tumor growth in x-irradiated mice 53740

on exper. fract. with prolonged contusion (Rus) 10792

on exper. leptospirosis immun. in white rats (Rus) 6643

on exper. mammary adenocarinoma 31636

on exper. micrococcal infect. (Rus) 55759

on exper. neoplasms in combination with 6-aminonicotinamide & 6-mercaptopurine 2690

on exper. pneumonia, radiation sickness dose (Rus) 51765

on exper. syphilis in rabbits (Rus) 45644

on exper. 3rd stage burns, local course (Rus) 22613

on exper. trichinosis (Pol) 33692

on exper. tuberc. reactivity to BCG & streptomycin in guinea pigs (Rus) 22618

on exper. tumors in adrenalectomized animals (Rus) 33575

on exper. tumors in combination with chemother. agents 2707

2724

on eyes, sensitivity in young axolotl 24664

on fetus in maternal radiography (Sp) 7576

on giant amoeba Pelomyxa illinoisensis, recovery after supralethal exposure 17274

on glucuronide synthesis by gastric mucous membrane in rats 317

on granulocyte & lymphocyte synthesis in rabbits 8523

on growth of primate & nonprimate tissue culture cell lines 38073

on healing of exper. fract. in mice 477

on healing of exper. surg. wds. of ear & larynx in guinea pigs (Rus) 45717

on healing of exper. wds. (Rus) 51760

on healing of exper. wds. in guinea pigs (Ger) 9999

on hemopoiesis in guinea pigs & mice, influence of vitamin B12 admin. (Rus) 44013

on hemopoiesis, in splenectomized rats (Rus) 51757

on hemopoietic organs & fetus in pregn. animals (Rus) 13148

on hemopoietic system, dose-reactivity relationship (Rus) 22616

on hepatic & renal glycogen, changes in phase of early reaction in guinea pigs (It) 6913

on hepatic & renal ribose-5-phosphate behavior in early reaction phase in guinea pigs (It) 42593

on hepatic fats in guinea pigs, irradiation of whole-body & of liver region alone (Fr) 48797

on hepatic β-glucuronidase in guinea pigs (It) 1503

on hepatic glycogen content after parenteral admin. of glucose in rats (Rus) 33634

on hepatocyte glycogen & ribonucleic acid content in rats 20723

on histamine content of lungs & skin of rabbits (Fr) 3118

on hormonal funct. of ovary in rats 35094

on hypothalamus & pituitary gland after irradiation with 3 million volt generator, radiosensitivity in guinea pig 13890

on immun. reactions in rabbits (Rus) 55783

on intraocular pressure in cats & rabbits (Rus) 55264

on iron metab. in rat tissues & on erythropoietic activity in bone marrow & spleen 26030

on isolated musc. (Ger) 9995

on larynx, in rabbits, comparative histol. eff. of rotatory & fixed-field irradiation (It) 30344

on learning in monkeys before, during & after barbiturate sedation 5115

on leukemia implants in mice, influence of spleen & marrow shielding 5435

on leukocyte count in rabbits, relation to dos. 35458

on life span of female hymenoptera Habrobracon, response to edathamil 19553

on liquor folliculi histochem. after ovarian plesiother. (It) 20905

on liver & small intestine cell nuclei protein metab. & methionine incorporation (Rus) 51752

on liver of unprotected & 2-aminoethanethiol-protected rats, morphol. & histochem. studies (It) 29716

on lymphatic system in rabbits (Rus) 55265

on motor funct. of isolated segment of small intestine in acute radiation sickness of dogs (Rus) 48032

on mouse embryo, low-dose x-rays 161

on mouse lymphosarcoma, total-body irradiation (Dut) 43046

on mouse lymphosarcoma, total body x-irradiation with inject. of bone marrow & lymph node cells 41185

on mouse mammary carcinoma, eff. of cysteamine, vitamin K, flavonoids & adrenal cortex hormones on radiosensitivity of tumor 37624

on mucous membranes, histol. (It) 31654

on musc. membrane resting potential 15710

on nerve-musc. prep., electrophysiol. analysis of distribution of non-impulse eff. (Rus) 47984

on nucleic acid metab. in rats (Rus) 51773

on nuclei with different heterochromatic constitutions (Ger) 38481

on nucleoprotein patterns in squamous carcinoma cells in oral smears 35653

on oocytes of rat, quantitative determ. of sensitivity 53494

on ovarian carcinogenesis in rats (Rus) 55322

on ovaries of mice, regulation of response by gonadotrophic antiserum 12948

on oxygen intake in mice & rats (Rus) 6638

on peripheral blood circ. with & without exper. splenectomy (Ger) 39413

on peripheral blood in mice (Bul) 32741

on phagocytosis in rabbit appendix (Rus) 6645

on phosphorus metab. in x-irradiation-induced giant cells in HeLa cells in vitro 27410

on postop. course in fenestration in guinea pigs (Ger) 38889

on potassium retentivity of E. coli 20737

on preformed antibodies 23295

on pregn., with exper. hemorrh. (Rus) 51766

on primary antibody response to closely related heterologous antigen after various x-ray doses in mice 40907

on primary tumor & its distant metastases in mice 48537

on properdin levels in rat (Fr) 26859

on proteins, electron spin resonance studies on damage 44297

on protein metab., review (Fr) 9017

on protein synthesis of Yoshida ascites tumor cells (Ger) 9985

on prothrombin, factor V & factor VII in rats (Ger) 32653

on prothrombin level in leukemia & polycythemia (Rus) 22617

on radioiodine uptake by thyroid gland (It) 53756

on rat skin after treatment with cortisone, testosterone or vitamin A (Ger) 45843

on reactivity of autonomic NS of skin (Ger) 3999

on regen. of peripheral nerves, in rabbits & guinea pigs, histol. aspects (It) 53749

on resist. of white rats to Salmonella typhi Vi, strain T2 (It) 53794

on resp. center in exper. allergy (Rus) 51750

on resp., roentgenokymography (Rus) 51749

on response of mice to methylcholanthrene 2343

on rubidium absorp. by excised mung bean roots 31608

on Saccharomyces cerevisiae inositol metab. (Rus) 51932

on Saccharomyces cerevisiae ploidy from haploid to hexaploid 8530

on salivary gland chromosomes of Chironomus thummi embryos & larvae (Ger) 48683

on Shigella flexneri in presence of dissolved oxygen 20925

on Shwartzman phenomenon in rabbits 5007

on skin innervation, structural changes in acute radiation sickness (Rus) 51769

on some portions of head of young axolotl 44076

on succinic dehydrogenase in rabbit placenta (It) 53753

on survival of mice bearing transplanted tumors 5423

on thermoregulation in rabbits (Rus) 6636

on tissue mast cells in exper. animals 15672

on titer of natural & acquired anti-$A_1$ antibodies (Ger) 22596

on Torulopsis utilis major, chem. analysis of x-ray mutants 47629

on trace element levels in rat organs 8527

on Tradescantia pahudosa, actions on chromosome fragmentation in microspores (Rus) 47990

on transfer of rabbit lymph node cells incubated in vitro with Shigella-trypsin filtrate 50593

on transmissible venereal tumor of dog 49669

on tyrosinase, protective action of tyrosinase substrate 20924

on ultrastructure of rat liver cells, biochem. & morphol. study (It) 53754

on uptake of radiosulfur-labeled sulfate by epiphyseal cartilage in mice, radioautographic study 51303

on urinary acid desoxyribonuclease in rats bearing Walker tumor 256 (It) 13514

on urinary allantoin & uric acid in rats (Rus) 51764

on urinary aromatic amino acids & vitamin C (Rus) 33567

on urinary nicotinic acid in rats fed various diets (Rus) 22675

on vasc. receptor appar. (Rus) 37221

on Vicia faba, protective eff. of ribityl benzene (Ger) 30389

on vitamin B6 metab. in rats (Rus) 33347

on water-electrolyte balance of spleen during total-body irradiation, dosage-dependence of eff. (Ger) 46177

on wing skeleton in chick embryos (Fr) 26898

on yeast cells, inhib. of yeast cell division & eff. on polyphosphate metab. 23292

on yeast cells, post-irradiation synchronized budding 33391

potentiation of trypsin denaturation by urea (Fr) 1662

reaction mechanism of vitamin B2 to various dosages & intensities (Ger) 9992

recovery from single large dose, age factors 23347

regen. of extremities, role of nerves in Amphibia (Dut) 7351

relative biol. effectiveness of different doses on chick embryos 8526

relative biol. effectiveness of various qualities of x-rays, determ. in rabbit retina 20929

response of rats to x-rays after recovery from acute radiation sickness (Rus) 51748

single local dose, on behavior of ribonucleoproteins in Walker carcinoma cells, photometry (Ger) 9990

small dos. on extinctive inhib. in mice (Rus) 33338

soft rays on skin, determ. of glycoproteins in blood & blister fluid (Ger) 39807

somatic conversions in Lycopersicon esculentum (Ger) 34399

sublethal dose, on hearing in guinea pigs (Rus) 6646

sublethal dose, on tularemia immun. in white mice (Rus) 6644

sublethal total body, on active immunity in mice 17481

synthesis of products of higher molecular weight in radiolysis of aqueous solutions of formic acid 44300

total body above LD50 on extracellular fluid volume in dogs (Ger) 32654

total-body multiple-dose, on bones in white rats (Rus) 6639

total body single dose, on gastric juice secretion in dogs (Rus) 10824

total-body with spleen protection, on antibody form. (Rus) 55770

total body x-irradiation of mice treated with homologous marrow, alteration of homograft reaction by amethopterin 44103

200 r of x-rays on rate of spermatogenesis & spermiogenesis in mouse 39278

250-kvp. x-rays, on survival of HeLa cells, variation with depth in tissue-equivalent phantom 31645

ultrafractionated doses, biol. eff. on guinea pigs, fractionation method (It) 53752

x-ray contact ther. in graduated doses, on histochem. of ground substance of impuberal rabbit ovary (It) 8468

***injurious effects***

***see also*** **RADIATION PROTECTION**

(Dut) 7296

abnorm. in mice, eff. of cysteamine 52344

anemia & liver damage in animals 42988

blood disord. (Fr) 28231

bone marrow dis., diag., pyrifer test & sternal marrow puncture (Fr) 241

bone marrow homografts & heterografts in treatment of radiation sickness in rats & mice (Dut) 43044

brain lesions in rabbits, time-dose relation & morphol. 46718

cancer of bone, leukemia & genetic damage 10478

carcinogenic eff. of single doses of local irradiation in cervicosternal & abdom. regions (Fr) 26726

cataract in rats, eff. on proteins 47037

chimeras, immunol. status & longevity in mice 53499



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

death & damage of erythrocytes & consequent anemia after total-body irradiation in rabbits (Ger) 32671

death during or shortly after irradiation, morphol. aspects in animals (Rus) 51762

delayed fatal synd. after irradiation of head of rats (Fr) 3137

early reaction of bladder & intestine, ther., prednisolone with vitamin A, pantothenic acid & sulfisoxazole (Ger) 32670

eff. of antibiotics on exper. radiation sickness in monkeys (Rus) 11468

eff. of antibiotics on micrococcal pneumonia in radiation sickness in exper. animals (Rus) 6642

eff. of donor & host lymphoid & myeloid tissue inject. in lethally x-irradiated mice treated with rat bone marrow 5421

eff. of hypothermia in acute radiation sickness (Rus) 7782

eff. of temperature on survival in rats (Rus) 10791

eff. of thyroid pre-treatment on mortal. of x-irradiated mice 42989

eff. of various factors on mortal. rate in mice (Bul) 32774

genetic & pathol. eff. in diag. x-ray 16097

genetic & somatic hazards 12674

genetic hazards in diag. 6438
41858

genetic hazards in diag. use (Ger) 6731

genetic hazards in x-ray diag. of pediatric dis. (Ger) 45262

hazards for patient, review (Fr) 41923

hazards in vicinity of diag. x-ray equip. (Cz) 30948

hazards of med. use 18670

hazards of scattered radiation in x-ray diag. & ther. 11096

hazards to patients, responsibility of physician for moderate safe use in roentgenography (Ger) 45950

hemolysis in dogs, eff. of hemother. (Rus) 7784

hemorrh. synd. induced by radiation sickness doses of x-irradiation in exper. animals (Rus) 51768

hypertension & nephrosclerosis induction in rats surviving total body irradiation 137

lethal eff. in mice, influence of tranquilizing agents 6775

leukemia, determ. of potential leukemogenic factor in x-ray diag. 6460

leukemia in five generations of descendants of mouse irradiated during pregn. (Fr) 2317

leukemia in rats 30032

leukopenia, eff. of 5-hydroxymethyl-4-methyluracil (Rus) 6640

lymphoid lesions in rats in parabiosis after irradiation of one parabiont, mechanism (Fr) 26724

lymphoid leukosis incidence in irradiated mice protected by chem. agents (Fr) 26740

mast cell changes, histamine release & local tissue damage after x-irradiation in rats 2053

mortal. in white mice, age factor (Bul) 45284

mutations, sex & age differences 41825

nephritis, prod. of erythropoietic factor different from erythropoietin in kidneys of mice 26127

oligospermia in roentgenologists, eff. of purified vaccine lymph 22916

on erythropoietic system, residual inj. induced by periodic exposures in rat 23316

on peripheral nerves, histol. aspects of lethal dose in rats (Cz) 48629

osteomyelitis of mandible in dogs 53739

radiodermatitis (Ser) 10920

radiodermatitis of back after x-ray exam. of stomach (Fr) 2390

radiodermatitis of hand in physicians (Cz) 21543

relative biol. effectiveness for life shortening in mice 8526

risks of genetic damage in diag. use in hosp. & urol. clinics, statist. study of gonadal doses received by men, women & child. in Munich (Ger) 32656

teratogenic activity in rats, eff. of cortisone 37629

ther., Karlsbad mineral water (Ger) 49032

thyroid cancer incidence in child. previously subjected to x-irradiation (Fr) 17997

tolerance & homologous dis. in x-irradiated mice protected with bone marrow homotransplants 47570

tumor form. & life-shortening in rats surviving total body irradiation 136

tumor form. in mouse ovaries after x-irradiation 38072

tumor form. in scars of exper. skin burns in total-body irradiated rats 46503

ulcers of hand, ther., local procaine inject. (Ger) 55706

vitamin B6 defic. induction, eff. on tryptophan metab. in rats (Ger) 9991

## ROENTGENOGRAMS

automatic film processing technic of Rolls-Royce Aero Engine Division 20939

clin. roentgenogram prod. with gamma- & x-ray source radioisotopes 17218

developer replenishment in automatic processing 31612

film-base manufacture in Gt. Brit. 8544

film identification method 26098

film streaks due to incomplete rinsing between developer & fixer 31614

LogEtronography 40574

LogEtronography (Fr) 5323

LogEtronography in diag. of dis. of soft parts (Fr) 49741

LogEtronography in radiography of placenta (Fr) 26211

LogEtronography, principles & applications (Fr) 48956

of dis. of soft parts LogEtronography in diag. 49741

reprod. of roentgenograms as transparencies for projection with camera using polaroid land process 53728

sensitive rapid x-ray film (Ger) 15375

single, television contrast expansions 47231

use of dent. film packs in vet. med. 4610

water immersion technic for producing high detail radiographs of laboratory animals .0576

## ROENTGENOGRAPHY

*see also* ANGIOGRAPHY

*see also* CHOLANGIOGRAPHY

*see also* CONTRAST MEDIA

*see also* FLUOROSCOPY

*see also* KYMOGRAPHY

*see also* RADIOAUTOGRAPHY

attenuation & half-value layer measurements, errors caused by addition of foreign elements to aluminum & copper (Ger) 39395

bis(p-acetophenyl)-2-pyridylmethane, use in x-ray exam. of various organs, oral & rectal admin. (Sw) 43209

cineradiography (Fr) 48937

cineradiography in diag. 48272

constant intensity image for minimum dose radiography 26099

diag. (Nor) 45409

diag., hazards of over-dos. (Nor) 22244

diag., problems (Ger) 42302

diag., review (Ger) 7113

dichromography, method for in vivo quantitative analysis of various elements, technic 32347

direct radiographic enlargement in exam. of dense parts of body (It) 53789

dos. (Nor) 45415

electrolytic silver recovery technics 31617

hard ray technic & exposure dose in diag. (Ger) 45465

hard-ray technic, diminution of dos. & improvement of quality of roentgenograms (Hun) 29159

hazards & protection in x-ray diag. 4684

hazards in vicinity of diag. x-ray equip. (Cz) 30948

hazards of diag. x-rays 20584

high voltage, review (Cz) 2748

image intensification using television technics 26154

in demonstration of body fluid levels 55424

in detection of glass splinters in food products (Rus) 33640

in med. & dent., rational use & protective measures 55421

in Nigeria, x-ray installations & maintenance serv. 31613

in obst., reduction of radiation dose by hard-ray technic (Hun) 41984

in operating theater 8539

in Paris (Dut) 43033

kilovoltage technics for tissue delineation & eff. on tissue 11097

lead impregnation technic in x-ray anat. 23565

magnification technics 40117

method for automatic dodging of x-ray exposures to reduce dos. & increase information obtained at each exposure 29004

microradiography for absorp. analysis, technic 5906

millisecond timing, comparison of dynapulse & impulse timing 810

minimizing radiation in x-ray exam. of advanced pregn. 55420

multiple radiography, methods & applications 31611

of old people 53704

of surgical specimens, method & value to surgeon, radiologist & pathologist 31639

photofluorography, body positions in, Stecher's nomenclature suggestion (Ger) 15856

photofluorography, diag. value (Ger) 22346

photofluorography, luminosity of fluorescent screens & highest useful voltage (Ger) 39394

photofluorography, methods (Rus) 10825

planigraphy after cholangiocholecystography with sodium iodipamide (Dut) 40467

pneumotomography, technics & diag. value (Ger) 13048

positioning techniques, relation between fluid levels & angle of central ray 20937

proposed Instituto Internacional de Radiofotografia de Abreu (Bp) 8892

radiocinematography, indic. (Fr) 54372

radiocinematography, timed in study of visceral movement, technic & appar. (Fr) 17999

radiocinematography with image amplifier (Ger) 44389

radiographer, definition & duties 40021

radiophotography, indic. & diag. value (Fr) 54167

relation of room size to intensity of dispersed radiation (Cz) 48650

review 18703

review (Fr) 24256

significance of bagatelle findings (Ger) 39958

simplified system for gross x-ray 40575

simultaneous multisection radiography 55423

stereoroentgenometry, technic (Rus) 10798A

surface anat. in 53705

technic for newborn & young inf. (Fr) 18062

technic with neovidox x-ray film with yellow base (Cz) 48660

television & x-ray in 4102

television application in x-ray photography & in x-ray cinematography (Fr) 53412

television in 4103

television pick-up tubes for screen intensification 26092

television scanning technics in diag. roentgenography & dose levels 26091

television technics (Fr) 38809

tomography multi-layer & single-layer, comparison of image quality & dos. need (Ger) 39393

tomography, oblique method (Hun) 30292

tomography, routine simple method for determ. of exact layer thickness using tomographic appar. (Hun) 52922

transverse body-section roentgenography, technic & importance in tumor localization 35060

universal unit system of exposures for departmental, national & internat. standard. 20955

use of electroluminescence (Fr) 48943

value of detail in x-ray diag. procedures 11095

x-ray aspects of glass embedded in tissues 23377

x-ray exam. of small objects, appar. & technics 20938

x-ray visualization & analysis of multicomponent subjects 44963

### *apparatus and instruments*

adaptor for developing 70 mm. roll film in Eastman X-omat 47232

aiming appar. (Rus) 10800

appar. for accurate control of x-ray exposure times 2137

brilliance intensifiers (Fr) 38802

cassette-carrier for ward work 20935

chest x-ray cameras with catadioptric lens for 70 mm. & 100 mm. films, resolving power, comparison with standard radiographic system (It) 20943

cone effectiveness in high kilovoltage x-ray 11093

gravity-activated shutter for roentgenography with radiother. machines 55133

image intensifier in routine & special exam. methods 6562

instrument develop. in cineradiography 2136

modified spinning top 20934

movable chair for weak patients (Fin) 10067

new Brit. 3-phase diag. generator 8542

periscope attachment for simultaneous observation & photography in body cavities (Fr) 17998

rotary measuring appar. for determ. of length of structures (Ger) 14950

saddle for exam. of inf. (Hun) 52917

simplified device for photofluorographic pictures for surg. & military use 54497

stenoscope appar. in prev. of dazzling by negatoscopes (Cz) 48661

tomographic appar. (Rus) 10799

vertical enlarger as copying-camera 53709

x-ray positioning aids 16218

ROENTGENOLOGY
*see also* RADIOLOGY
Amer. Roentgen Ray Society, presidential address 24650
appar. & technics aboard naval vessels (Fr) 54032
contribution of K. C. Clark 8540
hosp. x-ray serv. in snowstorms 16157
in Bulgaria (Cz) 14887
relation of x-ray technician to radiologist & patient 11094
semantics for x-ray technicians 11092
*education*
in Czech., x-ray technician train. 11102
outline of organic chem. for radiographers 8543
teaching value of bas relief x-ray in radiol. technology 11086
train. of x-ray technician, relation of educ. standards to responsibilities 33880
*ROENTGENOTHERAPY see* RADIOTHERAPY
*ROOT CANAL see* DENTAL PULP
ROOT CANAL THERAPY
α-amino-p-toluenesulfonamide-5-nitro-2-methyl-furfuryl ether prep. as endodontic bactericidal agent 52852
bacteriol. control in 20156
biomechanical sealing agents 7683
by colimycin (It) 52039
causes of failure (Sp) 21252
contraindic. in multirooted teeth (It) 15893
effectiveness of group of endodontic ther. agents 43369
of posterior teeth 50141
role of mechanical instrumentation in reduction of bact. in root canal 4407
sealing agents, comparisons 20144
RORSCHACH TEST
anthropomorphic H & Hd responses of 13-16 year olds (Fr) 27659
as intelligence test based on vocabulary 17164
Barron M threshold values in emotionally disturbed adolescents 41361
card rejection by psychiatric patients, clin. statist. 40747
card rejection, eff. of intelligence 40716
comparative analysis of deviant Rorschach response characteristics 17121
comparative responses of men & women 17197
correlation of movement responses with creativity 17123
diag. validity (It) 32167
diag. validity of Ames list of Rorschach danger signals for child. 17162
eff. of general structure of ink blots on Rorschach content 41352
eff. of level of educ. & other cultural factors on intelligence scores of normal adults (It) 54269
eff. of unshaded bright colors on form-color response balance of psychotics 41351
identification of mother & father cards by normal & delinquent Japanese adolescents 41363
in characterization of signaling systems (Rus) 46339
in psychosomatic dis. (Dut) 29980
interview funct. in psychiatric practice (Fr) 47445
Klopfer's hypothesis of shading responses 41353
maturity scores of mothers of schizophrenics 40746
new method of Rorschach inquiry 41350
of college freshman, correlation with college performance 49771
of mothers of autistic child. 37580
of personality patterns after hypophysectomy for metastatic breast cancer in women 41360
patterns of a set of triplets, case report (Fr) 27657
perceptual aspects of attributed movement 49772
relation of age, phys. disability & responsivity to spontaneous rotation of Rorschach cards 41362
Rorschach concept evaluation test as a diag. tool 17122
soc. psychol. of Rorschach validity research 50100
validity of objective Rorschach 17142
ROSACEA
*see also* RHINOPHYMA
diathermocoagulation with drug ther. (Rus) 9849
ROSANILINE DYES
*see also* GENTIAN VIOLET
acidified basic fuchsin solution in histochem. determ. of desoxyribonucleic acid, glycogen & plasmal (Rus) 25766
aldehyde-fuchsin prep. from aqueous solution of basic fuchsin 22251
*ROSEOLA INFANTUM see* EXANTHEMA SUBITUM
*ROYAL JELLY see* BEES
RUBBER
latex agglut. test in disseminated lupus erythematosus 20763
latex microsphere perfusion of human eyes 34912
latex, reaction of dog artery & brain 23497
silicon rubber, sanit. aspects (Rus) 3834
use in wrapping lateral edges of linear craniectomy in surg. of craniosynostosis, exper. study 28563
*injurious effects*
contact dermatitis (Fr) 44886
contact dermatitis from rubber parts of anesth. equip. 52850
latex causing conjuctivitis in exposed workers in So. Amer. tropics (Sp) 18860
*RUBEFACIENTS see* IRRITANTS
RUBELLA
rubella-like rash in aseptic meningitis caused by ECHO virus type 4, epidemic outbreak 25168
rubella-like rash in aseptic meningitis caused by ECHO virus type 9, epidemic outbreak 25167
*blood in*
blood picture (Ger) 6658
*case reports*
with rheum. arthritis (Fr) 37915
*complications*
encephalitis, unusual EEG after recovery, case report 27327
lymphadenitis, histopathol. (Sp) 25659
*in pregnancy*
causing abnorm. (Sp) 46678
causing abnorm., incidence (Ger) 15460
causing congen. heart dis., microphthalmia & cataract in premature inf., case report (It) 42806
causing deafness in offspring, statist. 41830
causing develop. abnorm. of eyes 23888
eff. on fetus, validity of statist. (Sp) 2953
relation to congen. abnorm. 50050
51056
*RUBEOLA see* MEASLES
*RUBEOLA see* RUBELLA
RUBIDIUM
*effects*
on adrenal blood arterenol & epinephrine in dogs (Fr) 26750
rubidium chloride on sensitivity to digitalin, analogies with potassium (Fr) 15098
*metabolism*
absorp. by excised mung bean roots, eff. of x-irradiation 31608
heart, liver & skeletal musc. uptake of radiorubidium in heart dis. & healthy persons, significance in studying potassium uptake 16348
musc., eff. of α-heparin & hypocalcic solutions in isolated rat diaphragm (It) 13972
myocardial uptake of radiorubidium from coronary blood, eff. of coronary flow rate in dogs 48722
*radioactive*
dosimetry from radiorubidium coated platinum pellet 44298
in estimation of cardiac output in dogs 17572
transfer rate across pericardium of dogs, comparison with other isotopes 15001
RURAL CONDITIONS
air sampling in rural environs 467
alcoholism in rural areas of France, causes & prev. (Fr) 15211
15219
15228
care for sick & old on Kansas farms 50680
community serv. for ment. defectives in rural area 44263
control & management of childbirth & fetal mortal. in rural areas of Argentina, statist. (Sp) 3309
dispensatory care in rural areas in E. Germany, develop. (Ger) 11125
excreta disposal for rural areas & small communities 11081
family meals of population in rural India, qualitative analysis 27973
family meals of population in rural India, quantitative analysis 27974
GP in Kansas rural communities, information for postgraduate med. educ. 50678
hazards of rural living 10095
health cond. in W. Germany, pilot study (Ger) 20098
health problems in W. Virginia 22730
hosp. organiz. & structure in E. Germany (Ger) 38897
improvement in fight against rural endemics in Brazil (Por) 44427
in E. Germany, problems of med. care of rural population (Ger) 38939
in Poland, Med. Institute of Labor & Rural Hyg. (Fr) 15205
Kansas rural health plan 50679
new idea for rural GP 52773
nutrition disord. in rural population, diag., prev. & ther. 50683
nutritional status of population in rural India 27972
organiz. of prophylactic care for nursing inf. in rural areas (Rus) 9916
organiz. of rural med. practice in Poland (Fr) 15220
prenatal counseling in rural areas (Ger) 15307
problems of emergency surg. in rural areas in Russia (Rus) 18209
problems of proper nutrition for inf. & child. in rural Uruguay (Sp) 47835
rural practice in France, advantages (Fr) 48940
rural water supplies in Gt. Brit., new develop. 44859
water supply program in Kansas 50676
*RUTIN see* VITAMIN P
*SACCHARASES see* CARBOHYDRASES
*SACCHARIDES see* CARBOHYDRATES
SACCHAROMYCES CEREVISIAE
ascospores at rest & during germination, electron microscopy 16880
electron microscopic study of (Fr) 48044
lyophilized or desiccated by bentonite, survival & preserv. of fermenting & resp. systems (Fr) 3050
nuclear changes occurring during bud-form. as revealed by ultrathin sectioning 7207
ploidy from haploid to hexaploid & eff. of x-irradiation 8530
quantitative absorp. of methylene blue by dead yeast cells 4712
*culture*
small colony mutation in reserve cultures during prod. of alcohol from cane molasses 47626
*effect of drugs on*
aminoethylphosphoryl choline & β-aminoethyl phosphate, protective eff. against phenol. inhib. (It) 39318
phenylalanine analogues (Rus) 1738
*effect of radiations on*
ultraviolet rays on potassium & sodium content of resting cells 50573
x-ray lethal eff. on dividing cells, mitigation by exposure to ultraviolet rays 21704
*metabolism*
alcoholic fermentation, eff. of pH (Sp) 8857
carbon dioxide fixation, eff. of 2, 4-dinitrophenol & sodium azide (Sp) 8983
cytochrome biosynthesis, low-temperature spectral studies on time course 25412
enzyme cleaving S-adenosylmethionine, purification & properties 40547
enzyme liberating protein-bound thioctic acid, purification 40562
enzyme system, eff. of edathamil 29823
enzymic anaerobic reduction of sulfates to sulfides (Ger) 47966
fatty acid synthesis, activation by cobalt 21710
glycolysis, eff. of biotin 16890
growth of single cells 3505
hemo-protein system during aeration (Fr) 48904
hexokinase, substrate specificity & other properties 13799
inducible β-glucosidase, purification & properties 28251
inositol, eff. of x-rays (Rus) 51932
isocitritase, purification & properties 40530
melesitose, eff. of environment 7145
mevalonic kinase, purification & properties 28248
non-enzymic prod. of hydrogen sulfide by reaction of component peptides with sulfhydryl cpds. (Fr) 26338
nucleotide pool during growth & fermentation 42984
phosphorus, incorporation rate into nucleotides & phosphoryl-serine-containing proteins 35481
phosphorus, incorporation rate into nucleotides & phosphoryl-serine-containing proteins, eff. of glycolytic inhibitors 35482
phosphorus, incorporation rate into nucleotides & phosphoryl-serine-containing proteins, eff. of inhibitors of oxidative phosphorylation 35483


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

phosphorylation, eff. of potassium (Rus) 37140

O-phosphoserine phosphatase, purification & properties 38261

potassium-effect in fermentation 27370

prod. of diazotizable amine & hypoxanthine, chem. nature & factors affecting accumulation 5093

thiamine pyrophosphatase, acid, isolation & properties (Fr) 38671

thiaminpyrophosphatase activity (Fr) 38657

thiaminpyrophosphatase activity in relation to its vitamin B1 requirements (Fr) 38644

total oxidation of ethanol (Fr) 26850

unsaturated fatty acid biosynthesis by oxygen-requiring desaturating enzyme system 13834

*SACRAL PLEXUS see* NERVES, SACRAL PLEXUS

*SACRAL REGION see* SACROCOCCYGEAL REGION

SACROCOCCYGEAL REGION

***abnormalities***

agenesis in calf 48984

***cysts***

epidermoid (Rus) 18272

pathogen. & surg. (It) 32096

surg., marsupialization technic (Sp) 8206

***diseases***

maduromycosis, case report (It) 8587

pain caused by coccygeal deformities (It) 36792

***fistula***

pathogen. & surg. (It) 32096

***neoplasms***

chordoma, clin. pathol. conf. 19870

teratoma, giant, in newborn (Rus) 33593

teratomas in child. 9972

teratoma, malignant degen. in 3-year-old child 5734

SACROILIAC JOINT

***anatomy and histology***

structure & movements (It) 47789

***diseases***

brucellar sacroiliitis (Rus) 45694

clin. & x-ray manifest. (Sp) 21186

echinococcosis, case report (It) 25547

non-inflammatory dis. (Fin) 27268

sacrocoxitis with foci of liquefaction manifesting as ankylosing spondylitis, differentiation from tuberc. (Ger) 34257

sacro-iliitis as manifest. of Reiter's dis. 14182

ther., phys. methods 20356

tuberc., surg. (Ger) 34289

***dislocation***

distortion concept in chiropractic, exam. (Ger) 15850

***radiography***

in osteitis condensans ilii, comparison with osteoarthritis following hip subluxation 47896

SACRUM

***cysts***

epidermoid cyst of sacral hiatus 49629

***diseases***

echinococcosis causing neurogenic bladder 5918

horizontal sacrum, surg. indic. & technics (Fr) 403

***neoplasms***

giant cell tumor, surg. problems & case report (Sp) 37286

giant cell tumor with aneurysmal bone cyst of cervical spine, clin. pathol. conf. 52621

liposarcoma, histopathol. (Por) 8744

SAILORS

*see also* ARMED FORCES PERSONNEL

***diseases***

carbon tetrachloride pois. in cargo ship crew members 42111

eff. of climate on morbidity in Royal Navy 26047

tropical parasitic dis. (Pol) 33736

SALAMANDERS

Amblystoma, embryol. of ear & capsule 12934

Amblystoma larvae, microscopy of fine structure of blastema cells & differentiating cartilage cells in regenerating limbs 16954

Ambystoma mexicanum, mast cells in choroid plexus 55616

analysis of results of frontal & sagittal constrictions of newt blastulae & gastrulae 25436

crystalline lens regen. after excis., inhib. by isolation of dorsal iris from neural retina 12939

eff. of CNS depressants & stimulants on salamander larvae 1444

eff. of x-rays on some portions of head of young axoloti 44076

epithelium, delta-cytomembrane & lamellar cytosomes, ultrastructure, histochem. & relation to mucus secretion, review (Ger) 55629

factors controlling posture & symmetry of developing forelimb 12951

histol. & pigmentation of teeth of Japanese giant salamander (Ger) 55626

limb regen., eff. of cortisone acetate in varying doses 49270

mechanism of glycogen appearance in livers of larvae (Fr) 36508

mode of growth of tail in urodele larvae 4990

Necturus, electrical potential measurements on nephrons of 4813

regen. of amputated limbs, eff. of cortisone acetate admin. 3938

relation of axial complex of meiotic prophase chromosomes & chromosome pairing 16960

seasonal variations of tapeworm Baerietta diana in salamanders 5596

stimulation of tissue proliferation by regenerating nerve fibers in newt 15587

Triturus alpestris, eff. of thermal gradiant on embryonic develop. (Fr) 26937

Triturus taeniatus, pathogen. & transplantability of skin fibroma in 3448

SALICYLAMIDES

***anesthesia and analgesia***

salicylamide ammonium salt with ethyl aminobenzoate (Ger) 18971

***effects***

O-diethylaminoethyl-salicylamide, analeptic & antipyretic activity in rabbit (It) 36586

N-(p-hydroxyphenyl)-salicylamide, choleretic eff. (Sp) 44508

on conditioned reflex activity in dogs (Rus) 3555

on urinary glucuronic acid excretion in liver dis. 48319

***injurious effects***

thrombopenic purpura, with dihydroxyaluminum glycinate & maphensin 37701

***therapeutic use***

headache, value of replacement of acetylsalicylic acid by salicylamide in combined admin. with acetophenetidin & caffein 33435

recur. nephrolithiasis (Heb) 39786

remarks in rheum. (Fr) 32174

rheum., limited ther. value (Sp) 9676

SALICYLANILIDE

***related compounds***

5-bromo-4'-chlorosalicylanilide in prev. & ther. of fungus dis. of foot (Ger) 51842

SALICYLATES

*see also* SODIUM SALICYLATE

***effects***

induction of increase in basal metab. rate in man, influence on responses to arterenol & epinephrine infusions 14990

morpholine salicylate on synovial permeability in rabbits, comparison with sodium salicylate (Fr) 32945

on acetate oxidation & incorporation into glycogen & fatty acids in rat liver 40558

on blood coagulation (Rus) 32557

on carbohydrate metab. in diabetes (Ser) 41926

on gastric secretion in comatose man, prolonged admin. 15941

on vasc. reactivity to various factors (Rus) 39544

suppression of increased capillary permeability in thermal burns in rats 19595

***in blood***

differential ultraviolet spectrophotometric determ. 50715

***injurious effects***

gastrointestinal hemorrh. 18457

gastrointestinal hemorrh. with severe hypochromic anemia, case reports 18458

***metabolism***

salicyl glucuronides, biosynthesis by various tissue slices 40570

***poisoning***

causing chem. & electrolyte disord. in child. 48785

clin. aspects, prev. & ther. 48784

fatal methyl salicylate pois. in 90-year-old woman (It) 42707

in child. 48783

in child., eff. of water-electrolyte balance & various organs (Sp) 21136

in child., incidence, manifest. & ther. 48786

in child., review 5705

53011

in inf. & child., causing alkalosis (Fr) 43811

manifest. & physiol. mechanisms in inf. & child., review 52592

methyl salicylate pois. 52659

severe, in child., ther., exchange transfusion 48707

ther. by neuromusc. block & artif. resp. 23542

ther., exchange transfusion 7444

***therapeutic use***

rheum. arthritis 43731

rheum. arthritis, mechanism of anti-inflamm. eff. 35224

rheum. fever, with ACTH & cortisone (Sw) 45353

rheum. fever, with prednisone (Cz) 38315

rheum. heart dis. in child., with pantothenic acid (It) 39529

rheum., with x-ray ther., remote results (Rus) 45132

subacute thyroiditis, with aminopyrine 52609

sulfosalicylic acid-trichloracetic acid prep. in peridontal dis., local admin. 40976

SALICYLIC ACID

*see* ACETYLSALICYLIC ACID

*see also* PARA-AMINOSALICYLIC ACID

*see also* SALICYLAMIDES

stability of metal complexes with salicylic acid & its deriv. 19506

transform. in zinc oxide-containing ointments & pastes (Dut) 52477

***determination***

inverse isotope dilution analysis using radioiodine reagent 16696

***effects***

uncoupling of oxidative phosphorylation in mitochondria, nature & site of action 37086

***metabolism***

percutaneous absorp., relation to nature of vehicle 2810

***related compounds***

comparative eff. on rate of oxygen consumption in rats 48231

salicylchydroxamic acid metab., review (Pol) 53203

sulfosalicylic acid with anti-sera in precipitation of blood proteins from different age groups 24819

***therapeutic use***

salicylic acid-benzoic acid-metal lodides ointment prep. in ringworm of scalp caused by Microsporum canis (Fr) 37896

salicylic acid-borotannic complex-prep. in onychomycosis 4571

salicylic acid-borotannic complex prep. in onchomycosis & paronychia (Ger) 20604

verruca, with dichloroacetic acid 4581

SALIVA

calcium & phosphorus contents in rats, eff. of feeding of calcium phosphate salts 17210

cellular elements, relation to dent. caries & gingivitis 11541

chem. & bact. changes in vitro 17199

chloride concentrations, determ., evaluation of Van Slyke & Hiller modification of Sendroy method 34833

chloride content in parotid saliva of naval recruits, relation to caries incidence 17215

content of substances reacting with glyoxylic acid-sulfuric acid reagent 17200

crystallographic test of ovarian funct., relation to crystallography of endometrial & nasal mucus (Fr) 3134

electrolyte content after admin. of cortisone & prednisone (It) 30339

flow, pH & titratable alkalinity of parotid saliva of naval recruits, relation to caries incidence 17216

flow, viscosity & pH in normal & in duct-ligated rats 17208

glycolysis in salivary sediment, inhib. by various chem. in relation to sediment thickness 17201

hemagglut. factor, in pemphigus & other dermatoses (It) 6822

in subjects with & without dental caries, bacteriol. & biochem. comparisons 11540

ionic constituents & rate of flow in sheep's parotid gland during maximum stimulation of motor nerve 28620

measurement of radioiodine content as thyroid funct. test 35857

mucoprotein of bovine saliva containing neuraminidase-susceptible disaccharide 55585

oxidation-reduction potential in cardiovasc. dis. (Dut) 12045

potassium & sodium levels, determ. in study of adrenal cortex funct. (Fr) 24705

protease activity in caries-susceptible rats, influence of diet 41234

protease activity in strains of caries-susceptible & caries-resist. rats, comparison 17219

secretion, biphasic theory, review (Ger) 21614

secretion in duodenal ulcer, inhib. by isopropamide iodide 3692

spontaneous form. of fern-leaf patterns in human saliva 40679

spontaneous secretion, eff. of nitrous oxide in dogs (Rus) 13858

urea secretion 36273

vitamin B12 binding capacity in humans, measurement by radiocobalt labeling 31454

xanthenurenic acid excretion in vitamin B6-defic. rats (It) 30345

zone electrophoresis of human parotid saliva in starch gels, technic 50707

***effects***

on mumps virus hemagglutinins (Rus) 33650

***microbiology***

Veillonella, improved medium for selective isolation 16889

## SALIVARY GLANDS

***see also*** **PAROTID GLAND**

***see also*** **SUBLINGUAL GLAND**

***see also*** **SUBMAXILLARY GLAND**

anatomicophysiol., anatomicopathol. & clin. aspects, review (Fr) 9065

***anatomy and histology***

paranuclei of snail salivary cells, histochem. (Fr) 38705

***calculi***

clin. manifest. & diag. (Rus) 45177

structure & mineralogical composition of calculi 13274

***diseases***

ptyalorrhea 49386

diag., sialography & biopsy puncture (Fr) 43417

inflamm. (Ger) 18985

***effect of drugs on***

reserpine during cond. & uncond. nutritional reflexes in dogs (Ger) 1439

***effect of excision***

on dent. caries incidence & oral microflora in rats 17205

on growth, food & water consumption & caries incidence in rats 17202

***effect of radiations on***

x-rays, on salivary gland chromosomes of Chironomus thummi embryos & larvae (Ger) 48683

***embryology***

chromosomes, atypical structure in Cecidomyidae (Ger) 48690

palatine glands (It) 47793

***fistula***

congen. bilateral, at base of neck, case report (Fr) 16999

***in various diseases***

cystic fibrosis of pancreas 30430

Sjoegren synd., antibody form. to salivary gland extracts 18407

***innervation***

unlisted branches of maxillary nerve related to salivary system 47071

***neoplasms***

***see also*** **ADENOLYMPHOMA, SALIVARY**

***see also*** **MIXED TUMORS, SALIVARY**

(It) 42643

benign (Ger) 23120

cancer of minor salivary gland ducts of lower lip, case reports 35879

classif. (It) 51995

classif. & investigation of their mucins 51026

classif., diag. & ther. indic. (It) 32103

classif., pathol. & ther. (Fr) 48366

histogenesis & classif. of lymphoepithelial lesions 38065

surg. & results 34959

tumors of minor salivary glands 48539

***pathology***

in exper. vitamin defic. in guinea pigs, relation to pathogen. interpretation of Sjoegren synd. (It) 13498

in latent form of street rabies in rats 46776

***physiology***

eff. of decreased vascularity of teeth on structure & funct. 40770

eff. of postganglionic sympathectomy on structure of submandibular & major sublingual glands of rat 55618

regen., cell division & growth in mice (Rus) 37191

secretion of urea in saliva 36273

secretion, registration with electro-mechanical appar. (Rus) 11522

urea excretion through salivary glands, histochem. in rats (It) 1855

zymogenic cell involution after hypophysectomy in rats, replacement by combined admin. of cortisone, somatotropin & thyroxin 12945

***radiography***

38508

modern technic 16512

radiol. anat. & diag. technics (Sp) 38507

sialography in child. 10140

## SALIVATION

profuse salivation after tonsillectomy (Fr) 1015

## SALMONELLA

abortivoequina endotoxins causing prolongation of pentabarbital anesth. by intravenous pretreatment in mice (Ger) 30608

abortivoequina lipopolysaccharides, chem. (Ger) 30601

abortivoequina lipopolysaccharide, eff. on oxygen consumption of diaphragm isolated from guinea pig (It) 36736

abortusovis, isolation from infected sheep, method (Fr) 38744

amsterdam, new species 25143

analysis of serotypes isolated from snakes in France (Fr) 13037

berlin, type 17:d:1,5 (Ger) 34505

blankenese = 1,9,12:b:z6, biol. & serol. properties (Ger) 46266

breslau, eff. on variability of Enterobacteriacea, radiosulfur & radiophosphorus studies (Rus) 51931

breslau, phagotyping (Rus) 55832

camberene, oumkam & yoff, new serotypes (Fr) 47416

detection by O-1 phage test, specificity (Ger) 28416

endotoxic lipopolysaccharides, eff. of inject. on body temperature & leukocyte count in horses (Ger) 34229

enteritidis, endotoxic & antigenic fractions from cell wall, separation & biol. activities 50603

gallinarum, protoplast form. (Rus) 13863

gamaba & bacongo, new serotypes isolated from snakes (Fr) 47391

halle, new type isolated from turtle (Ger) 46279

in animals in Surinam 25141

irenea, new serotype isolated from inf. (Fr) 47392

isolation in E. France (Fr) 10029

java strains, pathogenicity, serol. & biochem., determ. during epidemic in Saar territory (Ger) 25251

miyazaki, new type 16456

new recognized types 23935

new Salmonella groups, research at the Institut Pasteur in Paris (Fr) 54004

nordenham, description (Ger) 46234

portsmouth, new serotype 7038

quimbamba, new species from fish-meal 25136

schottmuelleri, morphol. & biol. of lithium & cesium variants (Ger) 34485

schottmuelleri, phage-typing of 445 strains in Berlin, detection of 390 epidemiol. foci (Ger) 23002

serotypes in India 16287

strains & serotypes isolated in Belgian Congo (Fr) 1081

tanger, new serotype (Fr) 47415

tunis, a new pathogenic serotype (Fr) 37779

typhimurium, adsorption & single cycle multiplication of bacteriophages of various levels of lytic activity (Rus) 55805

typhimurium, antigenic properties & resist. to various agents of bacteriophages (Rus) 55806

typhimurium, electron microscopy of bacteriophage in various degrees of virulence (Rus) 55835

typhimurium, fate after introduction into peritoneal cavity of normal guinea pig (Fr) 26888

typhimurium, growth in vivo, relation between dose & latent period in mice 17392

typhi murium transduced by defective phage P22 (Ger) 23069

typing of rare salmonellae (Ger) 34513

typing of strains isolated in Czech. (Cz) 26566

virulence, duration of strains excreted in feces (Ger) 46228

***culture***

behavior of R media in isolation of Salmonella (It) 19183

dependency on medium, temperature of cell size & chem. composition during balanced growth of Salmonella typhimurium 40851

dulcitol lactose iron agar differ. tube medium for isolation of Salmonellae from food samples 1306

efficiency of selective & differential media, comparison (Ger) 25239

isolation of Salmonella-like strain Sofia from hedgehog feces, characterization (Ger) 34512

in feces, differentiation from Shigella (Pol) 31531

Rappaport's medium, evaluation 4891

recognition of Salmonella-suspect colonies, increase by simple, rapid restreaking technic employing massive inoculum 10213

transition between different physiol. states during balanced growth of Salmonella typhimurium 40852

***effect of drugs on***

cycloserine optical isomers & isoxazolidin-3-one (It) 37499

glucose on bacteriophage synthesis in Salmonella typhimurium 52350

***immunology***

altona =(8),20:r(i):z6, comparative serol. of H-antigen r(i) (Ger) 34462

antigens of Salmonella aberdeen, luciana, venezuana, gaminara & memphis, chem. composition (It) 21475

antigens, similarity with Shigella flexneri 2 a (W) antigens (Tur) 45433

immun. of specifically absorbed, unabsorbed & combinations of Salmonella antisera 50600

inhib. of endotoxic activity of lipopolysaccharides from Salmonellae in plasma, serum & whole blood of horses (Ger) 34230

typhimurium, interaction with phagocytic cells in cell culture 40945

***metabolism***

N-fructose-2-yl-anthranilic acid, by-product of tryptophan biosynthesis in Salmonella typhimurium (Ger) 48174

growth factor requirements of various strains 16881

schottmuelleri growth of medium containing single amino acid as sole nitrogen source (Fr) 37830

## SALMONELLA INFECTIONS

***see also*** **PARATYPHOID FEVERS**

***see also*** **TYPHOID FEVER**

bareilly enteritis (Ger) 22883

in lizards of Ghana 41418

mixed infect. caused by various Salmonella types in food, diag. & epidemiol. (Ger) 46278

***case reports***

paratyphi B2 meningitis in Tahitian (Fr) 51519

septic Salmonella cholerae suis kunzendorf infect. (Ger) 34475

***complications***

Hodgkin's dis. in mixed Salmonella blockley & typhimurium infect. (Ger) 34064

osteomyelitis in Salmonella bareilly infect., case reports (It) 37306

osteomyelitis of femur in Salmonella choleraesuis infect., chloramphenicol ther. (Ger) 55727

osteomyelitis with epidural abscess in Salmonella schottmuelleri infect. (Fr) 35249

osteomyelitis with sickle cell anemia, case reports (Fr) 36195

***diagnosis***

mixed infect., laboratory method (Cz) 38164

***epidemiology***

breslau, hosp. report (Rus) 55810

in Czech., outbreak of infect. with rare strains in meat workers (Cz) 26567

in domestic animals in Belgian Congo & Ruanda-Urundi (Fr) 36196

in England 41824

in Germany, Salmonella heidelberg infect. (Ger) 49016

in Ghana, serotypes 10475

in Schleswig-Holstein (Ger) 25226

newport, epidemic in Czech. (Cz) 2778

thompsonii enteritis epidemic in Oslo (Nor) 45422

typhimurium food pois. (Dut) 43059

typhimurium gastroenteritis (Dan) 10653

widespread Salmonella reading outbreak in U.S. 20883

***etiology and pathogenesis***

contaminated eggs causing epidemic (Ger) 55497

***experimental***

enteritidis infect. in mice, comparison of eff. of living & killed vaccines 16439

enteritidis infect. of laboratory rats, detection & soframycin treatment of healthy carriers (Fr) 53984

gallinarum infect. in chicks, antibody detection by conditioned hemagglut. & antiglobulin-hemagglut. tests (It) 32594

gallinarum, relation to ascariasis in chickens (Pol) 33754

resist. in mice, role of intestinal microflora 46374

***immunology***

antibody form. i. immunized & nonimmunized guinea pigs (Ger) 34069

immun. eff. of parenteral Salmonella typhimurium lipopolysaccharide in orally-infected mice (It) 44827

***in infant and child***

cases of Salmonella tunis infect. (Fr) 37779



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

dublin as possible pathogen in meningitis (Pol) 31530

dublin septicemia in 8-month old inf. 29005

dust-borne Salmonella typhimurium gastroenteritis in hosp. child. ward 18392

gastroenteritis, ther., antibiotics 45065

heidelberg meningitis (Ger) 18280

in premature nursery unit, without associated diarrhea 20257

newport infect. causing osteomyelitis, case report 6461

newport, transm. by turtles (Dut) 43025

Salmonella schwarzengrund (Ger) 23168

ther. (Sp) 53940

typhimurium toon pois. (Rus) 55798

typhimurium, microbiol. & serol. (Rus) 7904

with intestinal perf. & peritonitis, clin. pathol. conf. (Sp) 37265

***manifestations***

appendicitis, in Indians 4100

***statistics***

in Finland (Fin) 21994

prevalence in poultry & poultry processing plants in W. Pennsylvania 16770

***therapy***

12777

chloramphenicol (Ser) 51707

kanamycin 25021

***transmission***

air transport of chicks in Belgian Congo (Fr) 14427

carriage, legal aspects (Ger) 43316

Salmonella irumu in England, indirect transm. to meat by proprietor handling S. African frozen egg 7037

## SALMONELLA PARATYPHI

phage typing (Ger) 34497

***culture***

smooth forms (Rus) 34673

***effect of drugs on***

Eucalyptus decoction, on oxygen-requirement & succinic dehydrogenase metab. (Uk) 29553

## SALMONELLA TYPHOSA

***see also*** TYPHOID FEVER

A phage types, stability of subtypes after inoculation into guinea pigs (Ger) 34494

eff. of subzero, temperatures (It) 13925

endotoxin, eff. on mice bearing transplanted tumors 5423

endotoxin, tox. in rats increased by inoculation with living BCG, relation to funct. of RE system (Fr) 38722

immunogenic & virulent properties, determ. on chick embryo (Rus) 55782

immunogenic properties of cultures & vaccines & Vi-antigen content, hemagglut. reaction (Rus) 34638

L forms isolated from typhoid patients (Pol) 30899

mutual linkage between components IX & XII in O-antigen 40899

O antigen vacc. of rabbits, eff. of oxytetracycline on agglutinin response (It) 16012

phage typing of typhoid Vi & paratyphoid B strains in epidemiol. diag. (Ger) 38949

phage typing of Vi-negative strains (Fr) 34495

subdivision of A & E1 phage types (Ger) 34498

toxin, eff. of diazoline on intoxication in rabbits (Rus) 3577

toxin, eff. on autonomic ganglia impulse transm. (Cz) 38247

types isolated in Poland (Pol) 31525

typing with bacteriophage of strains isolated in epidemic foci in Poland (Pol) 31529

Vi phage type (It) 9368

***culture***

proprietary peptones as enrichment medium (Ger) 23157

regen. & detection of filtrable forms exposed to inhib. (Rus) 33164

regenerated filtrable forms, cultivation, biochem., antigenic & immunogenic properties (Rus) 33165

***effect of drugs on***

antibiotics in various combinations, in chick embryo (Rus) 36366

antibiotics, variability of antigenic properties in resist. strains (Rus) 11473

chloramphenicol & streptomycin, variability during artif. adaptation (Rus) 11471

erythromycin assoc. with penicillin-streptomycin-chloramphenicol & oxytetracycline, interaction (It) 23758

L-form, prod. by penicillin (Rus) 36360

lysozyme treatment for obtaining protoplasts (Fr) 3093

streptomycin, antigenic aspects (Rus) 36362

streptomycin, eff. of auxotrophic properties on virulence of resist. strains (Rus) 36409

## SALPINGITIS

***therapy***

pyrexal ther. in salpingo-oophoritis, eff. on blood proteins & neuraminic acid in blood (Ger) 18938

## SALTS

***see also*** SODIUM CHLORIDE

appetite of adrenalectomized rats for various salts, comparison with preference for sodium chloride 35806

in soil & saline solutions, behavior of Phycomycetes in (Ger) 25308

***determination***

heavy metal salts in kidney calculi by spectrum analysis (Hun) 18601

***effects***

neutral salt concentration on precipitate amounts & flocculation rates in precipitin reactions 4160

on cariogenicity of various diets for rats 41227

salt loading on ribonucleic acid in supraoptic nucleus ganglia in rats (Ger) 34414

***in urine***

excretion in panting & sweating animals 19477

***metabolism***

by salt glands in marine birds & reptiles, review 54428

***therapeutic use***

salt solution in peptic ulcer (Sw) 19937

***SANARELLI-SHWARTZMAN PHENOMENON*** ***see*** ALLERGY

## SANATORIA

***see also*** HEALTH RESORTS

admissibility of statements of nursing home patient after accid. as evidence in her favor, legal aspects 27935

Boston Sanatorium, impressions of Span. physician during stay as resident physician (Sp) 44540

Clavadel sanatorium, Zürich, Switz. (Ger) 45623A

Guisser Aerium, Casablanca, Fr. Morocco, architecture (Fr) 32875

La Clairière, home for aged in Gradignan, France (Fr) 32146

nursing homes, improved standards 19288

nursing homes in Alabama, regulations & improvements 5359

nursing homes in District of Columbia 6432

nursing home in remodeled nurses' home 4122

nursing homes, methods for improving serv. 8437

pub. & non-profit nursing homes in Maryland, State Department of Health 1959 legislative program 42026

Sanatório-Escola Azevedo Lima in Brazil (Por) 13598

Sparks Manor home for aged, Fort Smith, Arkansas 40027

train. courses for nursing home staffs in Michigan 8450

tuberc., decrease in number of patients in Belgium (Fr) 35507

tuberc., diets of patients (Fr) 10221

tuberc., in Germany (Ger) 10556

tuberc., survey of changing trends in patient population 18023

tuberc., survey of changing trends in patient population in Belgium (Fr) 35508

***history***

la Salpêtrière, Paris, home for aged & mentally deficient women (Fr) 54447

## SANITATION

***see also*** SEWAGE

***see also*** WATER POLLUTION

applications of radiation in sanitary engineering, review 53669

disposal of indust. wastes by irrigation 53671

eff. of soc. beliefs & customs on sanitation progr. 24643

Eskimo sanitation serv. 20899

excreta disposal for rural areas & small communities 11081

garbage disposal in Russia (Rus) 49797

hygienic cond. in dry cleaning plants in Rome (It) 21008

in Gt. Brit., relation of road construction & maintenance to health & safety 21536

in old urban area of Forli, restoration of old houses (It) 21474

in Russia, role of bacteriol. (Rus) 3802

in Russia, sanit.-epidemiol. stations, hist. (Rus) 3813

in Russia, sanit.-epidemiol. stations (Rus) 49794

in Thailand, improvement program in Na Ngoo district 8430

latrine facilities in the Americas (Sp) 1825

problems relating to treatment centers, lodging & tourist installations in Italy (It) 54244

refuse treatment & collection systems used in urban areas in Europe & U. S. (It) 31730

role of sanitary bacteriol. (Rus) 3812

***education***

contribution of G. V. Khlopin (Rus) 3814

degrees in sanitary engineering awarded in 1957 in U. S. 53663

in Russia (Rus) 32578

***SANTONIN*** ***see*** ANTHELMINTICS

***SÃO PAULO TYPHUS*** ***see*** ROCKY MOUNTAIN SPOTTED FEVER

## SAPONINS

***see also*** SOLANINE

acidic saponins of Swartzia madagascariensis, pharmacol. (Sw) 22108

rhodeasapogenin, structure analysis 2811

sodium escin as reagent in blood gas content determ. by van Slyke's method (Ger) 41600

***determination***

diosgenin, tokorogenin & a new genin in roots of yams Dioscorea tokoro & Dioscorea nipponica, colorimetry 14922

in Aesculus hippocastanum extracts & prep., quantitative determ. by aescinol method (Ger) 53102

***effects***

dietary saponin on blood cholesterol levels in chickens 31423

## SARCINA

lutea as test object in determ. of carcinolytic properties of various vegetable drugs (Bul) 32754

***effect of radiations on***

resist. to irradiation in relation to carotenoid content 8518

***metabolism***

flava, sugar-decomposing activity 23760

lutea, endogenous metab. 37091

***SARCOCYSTIS*** ***see*** SARCOSPORIDIA

## SARCOIDOSIS

etiol. & significance of Kveim reaction (Dut) 7281

lungs, physicopathol. & case reports (It) 21431

lungs, review 42074

nosol. (Ger) 45979

pathogen., differ. diag. & pathol. 58866

***case reports***

51693

(Ger) 19017

52192

(Pol) 28845

(Ser) 9965

clin. pathol. conf. 28512

Darier-Roussy sarcoidosis of legs with lupus erythematosus of face & scalp (Pol) 31510

epididymis, spermatic cord & testicular tunicae 18151

familial (Ser) 33372

generalized with pyelonephritis, ureteral calculus, hydroureter & hydronephrosis, clin. pathol. conf. 16006

in 1 of identical twins both having hyperparathyroidism 29523

larynx 122

lungs, in Maori 50199

mediastinal lymph nodal form, diag. by retroclavicular biopsy & ther. eff. of antibiotics with prednisone (Fr) 53242

myocardial, fatal, in 27-year-old Negro man 28041

myocardial sarcoidosis with pulm. embolism & ventric. paroxysmal tachycardia (Ger) 11199

myocardial sarcoidosis with pulm. embolism & ventric. paroxysmal tachycardia (Hun) 7717

NS 48298

pulm. & osseous lesions (It) 39680

small intestine, relation to regional ileitis (Fr) 31058

spinal cord, cortisone ther. 50

with vertebral involvement 47518

***complications***

brain dis. & hypercalcemia, prednisone ther. (Dan) 22418

cerebral granuloma, x-ray manifest. 35434A

erythema nodosum (Fr) 32318

hemolytic anemia (Sw) 43239

hilar lymph node enlargement (Ger) 19395

hypercalcemia & renal insuff., ther., cortisone & prednisone 50205

involvement of pituitary gland, case report 1156

musc. dystrophy, case report 55

skin & lung manifest., rapid improvement by high doses of vitamin C (Fr) 2417

spontaneous pneumothorax 36114

transitional forms in tuberc. (Ger) 27117

***diagnosis***

Kveim tests in patients & family contacts 52694

laparoscopy & liver biopsy (Ger) 11060

lungs, photofluorographic surveys in Sweden 7482

lungs, value of bronchoscopy & bronchography (Dut) 29936

lungs, x-ray, review 47216

problems, case reports (Fr) 43760

***differential diagnosis***

berylliosis 46405

differ. diag. problem in right hilar lymph node sarcoidosis with miliary form., case report (Fr) 43767

reticulosis, cutaneous (Fr) 6320

skeletal musc., from progressive musc. dystrophy (Ger) 19764

*epidemiology*

(Nor) 54953

*etiology and pathogenesis*

(Ger) 38981

BCG vacc. (Ger) 22339

case suggesting clin. & microscopic pathogen. 5221

concept of sarcoidosis as dis. & sympt. 10422

metals & other inorganic elements, intradermal tests 41003

relation to chem. constituents of pine pollen 561

transition from open pulm. tuberc. to sarcoidosis, case report 12811

*heredity*

in twins 6450

*immunology*

immunol. factors in pathogen. of systemic sarcoidosis 2235

presence of tuberc. antibodies, relation to tuberculin reaction degree (Ger) 25786

weakened tuberculin reaction in (Ger) 39866

*in infant and child*

in 7 month-old inf., case report (Fr) 37853

*manifestations*

clin. manifest. 11634

fundus changes in ocular sarcoidosis, case reports 27096

iridocyclitis with late develop. of papulomaculate eruption of legs, case report (Fr) 37872

uncommon x-ray patterns in pulm. sarcoidosis 15534

x-ray manifest. of pulm. sarcoidosis 45563

*pathology*

histiocyte & lymphocyte content of desoxyribonucleic acid & protein in blood, tonsils & lymph nodes (It) 37428

lungs 8302

relation to regional ileitis 41833

relation to Ziegler's atypical tuberc. 25854

*physiology*

resp. funct. tests (Sw) 45321

*statistics*

in New Zealand, incidence in mass radiography 52695

*surgery*

eye enucleation (Ger) 51271

*therapy*

ACTH & adrenal cortex hormones in pulm. sarcoidosis 10544

ACTH, case report with 4-year follow-up 8485

adrenal cortex hormones, metab. eff. (Ger) 33900

edathamil disodium 28439

prednisone (Por) 31854

## SARCOMA

*see also* ANGIOSARCOMA

*see also* CARCINOSARCOMA

*see also* CHONDROSARCOMA

*see also* FIBROSARCOMA

*see also* LEUKOSARCOMA

*see also* LIPOSARCOMA

*see also* LYMPHOSARCOMA

*see also* MESENCHYMOMA

*see also* MYOSARCOMA

*see also* MYXOSARCOMA

gastrointestinal (Ger) 9958

gastrointestinal system (Fr) 31081

primary, of breast 10078

prostate, primary, case report & review (It) 24932

*case reports*

bladder, bony & cartilaginous types 17881

breast (It) 7749

cervix, in young girl (Rus) 12136

ear, middle 36719

femur, in osteitis deformans, long survival after amputation 40637

heart (Ger) 55441

heart (Rus) 33258

ileocecal angle, surg. (Rus) 18238

kidney pelvis, with hydropyonephrosis (Ger) 11317

larynx 41056

larynx (Rus) 45744

larynx, metastatic from femur 52769

larynx, spindle cell sarcoma (It) 48112

liver (It) 47805

mediastinum, deep x-ray ther. causing aplasia of one breast in young girl (Fr) 41369

melanotic 14723

pleura, with rheum. arthritis (It) 31754

polymorphocellular sarcoma of nasal vestibule (It) 1860

primary, of gallbladder (Sp) 43917

primary, of spleen (Ger) 55659

prostate in 9 year old (Ger) 51199

ribs, osteolytic (Ser) 9951

round-cell & spindle-cell sarcomas of spine (It) 36785

round-cell sarcoma of palatine tonsil in child (Ger) 23035

spindle-cell, of brain with glioma & pulm. metastasis 11765

spine, with teratoma, clin. pathol. conf. (Sp) 9687

stomach 35872

stomach (Rus) 6001

stomach, pathol. 12853

stomach, primary (Rus) 32570

thoracic trachea (Ger) 34526

tibia, remote develop. at fract. site after surg. osteosynthesis 40782

uterus 40312

46992

uterus, of stromal with extensive calcification & massive metastases to lungs & pleura, clin. pathol. conf. 43149

*complications*

massive gastrointestinal hemorrh. in duodenal mucosal sarcoma, case report 23200

*diagnosis*

diaphanoscopy in sarcoma of choroid (Pol) 28837

microscopic criteria 11763

round-cell of stomach, early x-ray diag. (Fr) 44304

*differential diagnosis*

generalized sarcomatosis from acute leukosis (Ger) 51793

stomach (Ger) 49051

*etiology and pathogenesis*

esophageal sarcomas assoc. with Spirocerca lupi infect. in dogs 38074

*experimental*

bone, induction by radiostrontium in rats (Rus) 45758

detection of antigenic variations of rat sera with monospecific antisera (Rus) 33573

eff. of p-bis-(β-chloroethyl)-aminophenylalanine on radioautographic picture (Rus) 7788

eff. of 3,3-dimethyl-1-phenyltriazene on growth in mice, influence of glucose inject. 31300

eff. of high ergotamine doses on develop. of Galliera sarcoma (It) 1978

eff. of sarcoma polypeptide on mast cell count & eff. of mast cell depletion on sarcoma growth 2696

eff. on kidney size & nitrogen content after unilateral nephrectomy in rats (It) 9937

electron microscopy of Yoshida sarcoma & comparison with Ehrlich & human ascites tumor cells 28466

ergotamine-induced necrosis i. Galliera sarcoma, eff. of hemostatics (It) 1979

fowl sarcoma in rats, eff. on adrenal gland, histol. study (It) 36819

host-induced alterations in strain specificity of sarcoma 1 in mice 2693

induction with methylcholanthrene in guinea pigs (Rus) 52956

M-1, metastases in rats (Rus) 1758

methylcholanthrene-induced, incidence in radioiodine-treated rats 206

rat sarcoma 45, eff. of cytotoxic drugs on structural viscosity of desoxyribonucleoproteins (Rus) 33576

reproductive capacity of normal & cancer cells (Sp) 43930

Rous sarcoma, electron microscopic & cytochem. studies on purified virus prep. 25990

Rous sarcoma extract, serol. differentiation with normal tissue extract (Rus) 33574

Rous sarcoma virus, inhib. eff. of various fatty acids 49807

transplantable (Rus) 55336

2056, transplantable ascites tumor in rats 30019

tumor-host interrelations in graftable sarcoma J (Fr) 26205

vacc. of rats against Yoshida ascites sarcoma, mechanism 23950

*in infant and child*

base of skull with penetration into pons, clin. manifest. 40623

mediastinum (Rus) 20303

*pathology*

olfactory bulb in sarcoma of spinal cord meninges, postmortem histopathol. 46474

pericardium, histol. classif. as undifferentiated mesothelioma (Dan) 22442

*surgery*

bilateral metastatic osteogenic pulm. sarcoma 49193

resection of soft parts for sarcoma, principles & technic 54649

skin, comparison with radiother. (Ger) 32646

soft tissue sarcoma of extremities, indic. 22105

*therapy*

chemother. studies, screening of new cpds. in mice 2716

2723

2726

soft tissues, radiother., results (Rus) 55250

upper resp. & digestive tracts, x-ray & radium ther. & surg. (It) 53748

## SARCOMA, EWING'S

*case reports*

mandible 30198

right seventh rib, differ. diag., surg. & radiother. (It) 8611

10-year survivals 25045

tibia, with recur. metastases to lung, 10-year survival 25045

*complications*

metastasis to lung, pneumothorax as first manifest. (It) 31626

*in infant and child*

foot, radiother. (Fr) 18009

*SARCOMA, HODGKIN'S see* SARCOMA, RETICULUM CELL

*SARCOMA, KAPOSI'S see* SARCOMA, MULTIPLE HEMORRHAGIC

## SARCOMA, MULTIPLE HEMORRHAGIC

review 11775

*epidemiology*

in Africans (Fr) 13011

*in infant and child*

ovary, in 7-year old girl (Rus) 12137

*therapy*

nitrogen mustard 41886

## SARCOMA, OSTEOGENIC

*case reports*

breast, pathol. 5641

eye & orbit., primary type (Por) 21051

femur, early juxtacortical osteosarcoma 40612

femur, with cystic lung metastasis 47226

fibula & tibia in dog 40411

orbit, primary (Por) 13593

parosteal 40635

thyroid gland (Fr) 51883

tibia, radium ther. & surg. (Fr) 17995

*complications*

leg, with osteoid-forming skin metastases (Ger) 15287

metastasis to lung causing spontaneous pneumothorax, case report 14549

*differential diagnosis*

massive hyperplastic callus form. after fract. of femur in patient of osteogenesis imperfecta 38003

*experimental*

induction with radiocalcium in rats 11764

presarcomatous lesions in rabbits, x-ray picture (Rus) 33578

*in infant and child*

differ. diag. from extension fract. of tibia (Cs) 38319

statist. & relation to skeletal growth 4004

surg. & results (Ger) 46003

*manifestations*

48166

*statistics*

traum., sites in dogs & man (Ger) 34159

*surgery*

facial bones & jaws 860

*therapy*

radiother., review (It) 7734

## SARCOMA, RETICULUM CELL

of terminal ileum, review & case report (Sp) 20658

uterine cervix, histopathol. & case report (It) 9409

*blood in*

fibrin excess (Fr) 31052

leukocyte sedimentation (It) 6914

*case reports*

(Ser) 21959

anterior mediastinum (Fr) 11862

bone (Heb) 3968

breast (Sp) 44405

clin. pathol. conf. 41100

histiosarcomatosis of bone with systemic diffuse osteolysis & myelomatosis manifest. (It) 53593

in person with Pelger-Hüet anomaly from family afflicted with diabetes mellitus & Pelger-Hüet anomaly (Ger) 48066

larynx (It) 36717

retroperitoneal (Bul) 32804

skin, brief remission with prednisone ther. 1154

stomach (It) 7727

stomach, diag. by blind gastric biopsy 35672

urethra in female (It) 36714

uterine cervix, surg. & prolonged survival 31470

with combined cryptococcal & tuberc. meningitis 12010

*complications*

anasarca & hypoproteinemia 24994

brain, with diffuse hyperplasia (It) 32143

ileovesical fistula caused by infiltrative reticulolymphosarcoma of ileum (Ger) 55703

*diagnosis*

review (Rus) 45765

*differential diagnosis*

thymoma & tuberc. (Ger) 361

*etiology and pathogenesis*

acrodermatitis chronica atrophicans, blood protein determ. (Ger) 39796

histogen. (Ger) 11357

*experimental*

morphol. progression of mouse tumor in vivo & in vitro 17782

*in infant and child*

diag. value of biopsy (Fr) 14511

*in pregnancy*

clin. features 5576

*pathology*

nasopharynx, differentiation from Hodgkin's dis. (It) 14965

stomach, primary, anastomotic. study (It) 25565

transitional cells between lymphoma & reticulum cell sarcoma (Ger) 3998

*physiology*

adrenal cortex funct. 35153

*statistics*

of Radiol. Institute of University of Milan (It) 31628

*therapy*

2,5-bis-aziridinyl-3,6-diprò-poxyquinone, case reports (Fr) 14385

42017

prednisone, large dos. (Dut) 49766

x-ray ther. (Ger) 32634

## SARCOSPORIDIA

Sarcocystis tenella, morphol., electron microscopy (Ger) 46233

## SARCOSPORIDIOSIS

in humans (Ger) 22948

*diagnosis*

complement fixation test 12772

*SARKOMYCIN see* ANTIBIOTICS

## SCABIES

*epidemiology*

in armed forces personnel (Ser) 10926

*pathology*

hyperkeratinization in Norwegian scabies 8

## SCALENUS ANTICUS SYNDROME

(Bul) 16414

(Hun) 20171

review 54728

*complications*

subclavian arterial occlusion in thoracic outlet compression synd. 2205

*surgery*

indic. (Ger) 29060

technics & results (Ger) 46011

## SCALP

extracranial responses to acoustic clicks, registered on scalp 31722

fluorescent material in scales 34855

hyg. (Fr) 15209

hyg. & cosmetol. products & procedures (It) 29601

*anatomy and histology*

geometric interrelations of hair bulb & papilla in histol. prep. of normal & of alopecic scalps 28443

*diseases*

cutis verticis gyrata (Nor) 54976

cutis verticis gyrata in low-grade ment. defectives, case reports 17753

fungus dis. in child. less than 3-years old (Ger) 11118

fungus dis., prether. epilation by epilin (Rus) 22502

granuloma annulare of galea aponeurotica, in child 23516

keratodermatitis follicularis decalvans 11579

lupus erythematosus with Darier-Roussy sarcoidosis of legs, case report (Pol) 31510

myiasis, case reports 33909

nevus cerebriformis (It) 6824

ringworm (Nor) 10946

ringworm caused by Microsporum canis, ther., metal iodides-salicylic acid-benzoic acid ointment prep. (Fr) 37898

ringworm in Belgian Congo & Ruanda Urundi 10519

ringworm in So. Australia, cultural findings 18767

seborrhea, ther., cadmium sulfate-containing shampoo 38021

Trichophyton violaceum infect., outbreak in New York school 23357

*neoplasms*

fibrosarcoma (Ger) 23177

lymphosarcoma, with pulm. aspergillosis 20308

metastatic hypernephroma with simultaneous metastasis to brain (Fr) 32005

multiple epitheliomata, case report (Fr) 2391

nevus syringadenomatosus papilliferus of scalp simulating sebaceous cyst, case report 11583

woolly hair nevus, case report 11563

*surgery*

technics in trauma, defects & tumors 5200

*wounds and injuries*

avulsion, modified Reverdin repair (Ger) 23176

surg., indic. & technics (Pol) 30689

## SCAPULA

*abnormalities*

bilateral aplasia of spine of scapula, x-ray aspects (Fr) 17993

elevation of scapula with Klippel-Feil synd. & pterygium colli (Fr) 53415

*diseases*

complete destruction of scapula in Hand-Schueller-Christian synd. in boy 50609

ossification of superior transverse ligament, x-ray diag. & case report (Pol) 30713

*fractures*

isolated fract. of coracoid process (It) 30671

surg., errors (Bul) 28731

*neoplasms*

osteochondroma, case report 36009

*pathology*

acromial needle biopsy (Sp) 47838

*radiography*

tangential view of scapular spine 6489

*surgery*

acromiectomy in painful arc synd. of shoulder (Sp) 31806

## SCARLET FEVER

17613

(Fr) 5320

(Ser) 21950

epidemiol. & prev. in Yugosl. (Ser) 27870

*blood in*

antistreptolysin titer in convalescent patients (Ger) 42862

*complications*

chickenpox, clin. course (Rus) 7894

hypertension (Rum) 43994

hypertension, relation to action of streptoc. toxin on vasc. receptors (Rum) 43991

mumps, antibody prod. (Ger) 34481

otitis & mastoiditis, penicillin ther. (Fr) 31046

otitis interna with infect. of internal carotid artery (Ger) 52177

*etiology and pathogenesis*

hemolytic streptoc. exotoxin & allergen (Rus) 43559

*microbiology*

virus-streptoc. (Ger) 22767

*pathology*

clin. aspects 14942

*physiology*

eff. of early discharge from hosp. on cardiovasc. funct. (Rus) 20294

higher nerv. activity & phagocytosis (Rus) 7895

liver funct., determ. by thymol-veronal test (Rus) 53045

*prevention and control*

penicillin prev. in Italian nurseries (It) 52775

vacc. (Rus) 34645

vacc. with purified adsorbed toxin (Rus) 34647

*SCARPA'S GANGLION see* NERVES, VESTIBULAR

*SCARS see* CICATRIX

*SCHARDINGER ENZYME see* DEHYDROGENASES

*SCHAUMANN'S DISEASE see* SARCOIDOSIS

*SCHEUERMANN'S DISEASE see* OSTEOCHONDRITIS

*SCHILDER'S DISEASE see* ENCEPHALITIS PERIAXIALIS

## SCHISTOSOMA

japonicum, prepatent period of 4 geographic strains 10473

perfusion appar. for maintenance & observation of schistosomes in vitro 51012

## SCHISTOSOMA MANSONI

growth & nutritional requirements in vitro 24428

in snails, molluscicidal eff. of pentachlorophenoxy sodium 2450

miracidia, immobilization in vitro by sera from hamsters with schistosomiasis 551

miracidia, immobilization in vitro by sera from hamsters with schistosomiasis, relation to course of infect. 552

## SCHISTOSOMIASIS

6555

(Por) 8763

epidemiol. & control, basic principles 2454

haematobium infect. in Ghana, epidemiol. & ther. 33136

liver (Sp) 53367

urinary (Fr) 21368

*blood in*

proteins after japonicum infect. in men & rabbits 888

*case reports*

(Dan) 43233

Katayama synd. 3787

mansoni infect. in 2 Puerto Rican prisoners in U. S. 36259

*complications*

anemia in Schistosoma mansoni infect., analysis hemoglobin levels 39183

cancer of intestine assoc. with intestinal schistosomiasis, clin. statist. 38389

depression of skeletal growth & dwarfism 14939

dermatitis, develop. after bathing in ditch with snails 33138

liver cirrhosis, incidence of hypertension, statist. 11306

liver cirrhosis with hepatoma & spontaneous rupt., case report 38413

post-schistosomal uropathy, case reports 28967

pulm. heart dis. in mansoni schistosomiasis, case report (Por) 39979

spinal cord granuloma caused by Schistosoma haematobium, case report 17806

tumi pregn. caused by haematobium infect. of internal genitalia 630

*diagnosis*

cercariae membrane reaction 14938

circumoval precipitin test in mansoni schistosomiasis, technic 2468

intradermal test, technic 2449

laboratory tests (Por) 21081

review 5455

urinary tract, value of intravenous urography (Fr) 41365

*epidemiology*

(Fr) 38781

endemicity in Indian village 4173

human geography & soc. intercourse as epidemiol. factors (Fr) 2563

in Africa & Middle East, snail Bulinus truncatus as Schistosoma haematobium vector, ecol. & distribution 2445

in Africa, distribution of snail vectors, hydrographic & hydrogeological factors 2439

in Angola (Por) 12901

in Basutoland 2455

in Bechuanaland 2456

in Brazil, ecol. factors (Por) 39980

in Brazil, snails as Schistosoma mansoni vectors, favorable ecol. (Fr) 2447

in Brit. Cameroons 2457

in Cape Delgado (Por) 12906

in Martinique (Fr) 1430

in Martinique, epidemic of mansoni schistosomiasis (Fr) 25503

in Mozambique (Por) 12907

in No. Africa, seasonal factors & climatic eff. on reproduction of snail Bulinus truncatus & Planobarbus metidjensis vectors (Fr) 2441

in No.-eastern Brazil, snails Australorbis glabratus & Tropicorbis centimetralis as Schistosoma mansoni vectors 2446

in Puerto Rico, snail Australorbis glabratus as Schistosoma mansoni vector, ecol. factors 2444

in So. Rhodesia, relation to chem. composition of water & snail vectors 2460

in Swaziland 2440

in Uganda 3397

in Uganda, distribution & probable vectors 3398

in Union of So. Africa, eff. of living conditions 2464

in Union of So. Africa, various animal-vectors 2462

*experimental*

acquired resist. in exper. animals 2466

eff. of anthelmintics, trial of 3 new prep. (Ger) 55578

eff. of aryl ethers of dimercaprol & their antimony mercaptides 9605

eff. of $\alpha,\omega$-bis(p-aminophenoxy)-alkanes & related monoamines in mice 14121

eff. of 1-$\beta$-diethylaminoethylamino-4,7,9-trimethyl-6-aza-thiaxanthone in mice 51017

eff. of low protein diet in mice 32509

eff. of single graded infect. & route of migration of schistosomula of Schistosoma japonicum in mice 887

immobilization of Schistosoma miracidia by sera from infected hamsters, relation to course of infect. 552

immobilization of Schistosoma miracidia in vitro by sera from infected hamsters 551

immunol. studies on mice & rabbits 14936

induction of mansoni & haematobium in various animals 2448

longevity of unhatched miracidium of Schistosoma mansoni in tissues of mice 47262

positive cercaria reaction & precipitin ring test in schistosomiasis japonica, value in early diag. & criteria for ther. of clin. cases 38385

schistosomicidal eff. of aminophenoxy-alkanes, response of electroretinograph in rabbit 43351

susceptibility of wild Venezuelan mammals 55065

*immunology*

complement-fixation test, value after ther. 2469

hemagglut. with schistosome antigens in rabbits 5590

*in infant and child*

in So. Rhodesia 2763

*in pregnancy*

uterus 50982

*manifestations*

hepatosplenic synd. in schistosomiasis mansoni, familial incidence (Por) 8765

***pathology***

distribution of Schistosoma ova in various organs in Africans 2465

hematobium, anat. basis for distribution in rectum & sigmoid 55064

liver & spleen, needle biopsy 46904

spleen rate & size in schistosomiasis mansoni 39177

***physiology***

eff. on nutrition 2467

pancreatic funct. in hepatosplenic schistosomiasis, comparison with funct. in Laennec's cirrhosis (Por) 8734

***prevention and control***

biol. control of schistosomiasis mansoni in Puerto Rican watershed 47269

copper sulfate, dinitro-o-cyclohexylphenol & pentachlorophenoxy sodium as molluscicidals 2451

in Egypt, vector snail control 14472

in Philippines, preliminary control experiments 14471

in Puerto Rico, biol. control of Australorbis glabratus as intermediate host by colonization of Marisa & other snails 886

in Sudan 5901

irrigation systems 2453

progr. in China 14933

recommendations for control in China 16454

schistosome-vector control by competition between resist., & susceptible strains, possible method 2472

***therapy***

antimony $\alpha,\alpha'$-dimercaptosuccinate 21832

antimony potassium tartrate 14934

1-β-diethylaminoethylamino-4, 7,9-trimethyl-8-azathiazanthone 4950

in Arab community, statist. 22299

lithium antimony-thiomalate causing optic nerve disord. & visual disturbances 14318

miracil D in urinary schistosomiasis 2470

miracil D, mass ther. in Union of So. Africa 2471

miracil D, review 2452

***transmission***

snail Planorbidae as vector, eff. of ecol. 2443

snail vectors, evaluation of technics of estimating snail populations 26397

snail vectors, exper. ecol. study of habitats 26396

## SCHIZOPHRENIA

***see also*** CATATONIA

as a psychiatric concept (Fr) 36130

as world problem 39151

biol. research, problems 4840

borderlines (Fr) 258

childhood & adult family structures of schizophrenics 49194

classif. 24596

classif. by Leonhard 50827

classif. of various types (Dut) 7290

clin. concept (Fr) 15653

compensatory possibilities in various forms of schizophrenic defects (Rus) 55860

conceptual aspects (Cz) 48647

current view 20830

definition & criteria of modern concept (Fr) 1008

36131

definition, concept & clin. forms 47173

differential concept (Fr) 47451

drawings of hallucinations by a schizophrenic (Fr) 47449

eff. of cultural factors on personality integration & on clin. picture of schizophrenia (Sp) 8918

in adolescents, clin. aspects (Fr) 11246

in adolescents, nosol. (Fr) 11245

in U.S. overseas Marine Corps 42466

new clin. classif. based upon pathologically evaluable sympt. (Hun) 4129

nosol. concept (Ger) 43106

nosol. concept (Rus) 34826

nosol., current evaluation of subgroups in classif. (Ger) 15813

prepsychotic, diag. 51321

pseudoneurotic forms (Fr) 47450

psychiatric & soc. study of male schizophrenic 24090

re-classif. on basis of cerebral pathol. (Ger) 46050

review 35719

soc. & ethnocultural factors, review (Ger) 44190

soc. aspects 19085

validity as a concept (Fr) 994

various forms, clin. aspects & exper. findings (Ger) 53627

voluntary commitment (Ger) 55367

with heboid synd. in adolescents (Rus) 34805

without psychosis 34899

***blood in***

anomaly of adenosinediphosphate metab. in erythrocytes 26986

eff. of basic extracts on germination of fungi (Ger) 27010

eff. of schizophrenic serum on motor performance in rats, comparison with normal serum 12621

hemoglobin density & erythrocyte fragility 49201

hyperalpha & gammaglobulinemia (Fr) 47419

oxidative activity, determ. by modified Akerfeldt test 11636

serotonin levels (Fr) 47436

stability of epinephrine in human plasma & serum, comparison with normal subjects 11655

taraxein, isolation & tox. eff. in mice (Rus) 34775

taraxein, mechanism of action 15573

***case reports***

affect block, psychoanalytic reduction in obsessive-schizoid woman, case report 34901

hypochondriac-confabulatory paraphrenia (Ger) 44216

with endogenous hypothermia 28466

with hyperostosis frontalis interna & virilism (It) 36757

with progressive cerebral sclerosis, hered. & postmortem aspects (Fr) 47441

***cerebrospinal fluid in***

eff. of inoculation of CSF on chick embryos, guinea pigs, mice & monkey kidney tissue culture 26990

proteins, electrophoresis 3603

protein increase 24628

***complications***

hypochondria, EEG (Rus) 23259

pseudo-polyglobulism (Ger) 22476

***diagnosis***

clin. diag. of early schizophrenia 42109

cybernetics (Dut) 7333

early diag. 41021

Wartegg drawing test (Fr) 41920

***differential diagnosis***

classical from reactive schizophrenia 55283

differentiation from schizophreniform psychoses & hered. 24075

neurol. dis. in child. (Ger) 4051

***etiology and pathogenesis***

adrenochrome hypothesis 50912

biol. research, review 44253

brain dis., differ. diag. from hypochondria due to brain atrophy, pneumoencephalography (Ger) 25382

encephalitis causing hebephrenic & catatonic schizophrenia (Fr) 36133

increased prod. of adrenochrome, adrenolutine or other product of oxidation of epinephrine, theory & exper. study 48483

maternal personality & relation to child in pathogen. of schizophrenia, comparison with hered. factors, review 24089

physiol. etiol. (Fr) 1002

reflexol. theory (Por) 36895

relation to succinic acid metab. of brain (Ger) 32681

role of biliary & hepatic poisons (Fr) 27013

schizoid psychosis after cardiac arrest in curarcon anesth. (Ger) 7380

toxoplasmosis, relation to lysergic acid form. (Sp) 39440

***experimental***

lysergic acid diethylamide metab., determ. in animal organism (Ger) 33834

***immunology***

antigen-antibody reactions of desoxyribonucleic acid & desoxyribonucleoproteins from brain extracts of schizophrenics 39368

***in aged***

catatonic (Rus) 34770

paranoid schizophrenia, existential analytic interpretation (Ger) 32265

***in infant and child***

(Fr) 11244

(Ger) 11243

autism & symbiosis as extreme disord. of identity, psychoanalytic interpretation 4271

ceruloplasmin activity in blood 30426

child schizophrenia & early infantile autism, diag. & ther. in U. S. (Sw) 32846

childhood patterns in progn. of adult schizophrenia, follow-up 12608

diag. in young child. 2520

diag., psychol. tests, review (It) 9770

differ. diag. of dementia precocissima from child schizophrenia (Fr) 11242

hebephrenia, relation to orbital lobe synd. (Ger) 36487

intelligence of schizophrenic child & their mothers 17132

maternal Rorschach maturity scores 40746

pain reactions of institutionalized schizophrenic child. 24592

pseudoschizophrenic reaction caused by hyoscine aminoxide hydrobromide, case report 4154

schizophrenic sympt. in ment. retarded child. 12614

ther., insulin shock (Fr) 34141

ventriculographic manifest. (Fr) 34143

with ment. defic., clin. manifest. (Fr) 34140

with ment. defic., relation to brain lesions 12613

***manifestations***

changes in handwriting strokes (Ger) 27041

clin. manifest. in adolescents (Fr) 34145

early manifest. 42100

EEG (Fr) 1004

EEG (It) 42610

EEG in adolescents (Fr) 34142

EEG responses to simple & combined stimuli in adolescents (Fr) 34144

hallucinations, preadaptive attitudes to 11671

hallucinations, psychoanalytic interpretation 4599

motor automatism as early sign (It) 8627

neurol. symptol. (Rus) 55859

pseudomysticism (Ger) 27038

speech patterns for evaluation of relative degree of personal disorganiz. & soc. alienation 5463

***metabolism***

5465

(Ger) 27007

amine oxidase (Ger) 46048

carbohydrates, eff. of blood fractions from schizophrenics on glucose uptake of rat diaphragm 27015

glutamic acid, role in arteriovenous diffc. in various organs 27011

5-hydroxyindolacetic acid (It) 27002

purines, disord. 27012

***pathology***

abnorm. isolated dispersions of pain chronaxy in acoustic, haptic hallucinative schizophrenia (Ger) 35368

cerebral vasc. lesions (Rus) 46303

CNS histopathol. in a fatal case of schizophrenic catatonic excitation (Rus) 34738

review (Rus) 46302

systemic histopathol., diag. value (Rus) 34737

***physiology***

adrenal cortex funct. (It) 42624

arterial oscillography (Fr) 44203

arterial oscillography in cases of long duration (Rus) 34777

autonomic NS (Cz) 2756

consciousness (Rus) 34774

cutaneo-galvanic reactions (Rus) 55858

eff. of blood, CSF & urine of schizophrenics on Protozoa (Ger) 46049

pathophysiol., clin., genetic & morphol. aspects (Ger) 26988

sex chromatin determ. 41199

toxic-infect. factors 27006

***psychology***

acquired & symbolic affective value as determinants of size estimation 50093

changes in patients treated with insulin or chlorpromazine (Pol) 30771

comparison of epileptic with schizophrenic dementia (Rus) 34820

comparison with exper. psychoses in man induced with lysergic acid diethylamide 31784

conceptual behavior, multivariable analysis 50101

congen. behavior patterns due to endogenous processes, differentiation from neurotic reactions (Ger) 20829

deliriant significance of schizophrenic bewilderment (It) 25637

deviant responses on perceptual reaction test as indicators of schizophrenia 17193

dissociation dynamics, comparison with other types of psychosis (It) 7738

distance constancy in schizophrenics 50843

dream resist. 16751

eff. of amobarbital & d-amphetamine on ment. speed in problem solving in schizophrenics 50841

eff. of auditory stimulus intensity on reaction time of schizophrenics 50845

eff. of chlorpromazine on stylus maze performance of chronic schizophrenics 17191

eff. of daily practice on ment. speed in problem solving of schizophrenics 50842

eff. of exposure time in immediate recall on extraversion, neuroticism & rigidity in schizophrenics 17733

eff. of failure on subsequent performance of schizophrenics 16495

eff. of recent & remote frames of reference on temporal judgments 4385

failure to demonstrate independence of psychoticism, neuroticism & extraversion in schizophrenics 17746

heterosexual autoscopy, case report (Fr) 36117

homosexual urges in schizophrenia 44223

learning theory approach in research on schizophrenia, review 20861

neologisms & glossolalia in hallucinatory states (Cz) 14864

new theory developed by a patient 4382

Oedipus complex in deteriorated case 4381

paranoid schizophrenia, psychodynamics (Rus) 34735

paraphrenic delusional paranoid, psychodynamics (Rus) 34736

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

parental attitudes of mothers of schizophrenics 17171

parental personalities & family interaction of schizophrenic patients 34591

parents of schizophrenic child., comparison with parents of neurotic child. 31547

perception of apparent motion 17157

positive feelings between a schizophrenic & his mother 50040

preschizophrenic states in adolescents (Fr) 15656

psychoanalytic interpretation, Jung's method (Ger) 33272

psychol. tests in adolescents (Fr) 11247

psychopathol. of schizophrenic process (Fr) 15654

relation between schizophrenic thought & language, concrete & formal phases, Morf test (It) 44351

representations of animals (Fr) 47437

self-concept in paranoid schizophrenia 4903

sense of humor (Fr) 995

speech patterns, correlation with personal disorganiz. & soc. alienation 53624

stimulus complexity as determinant of reaction time of schizophrenics 2580

superego, introjected mother & energy discharge before & after prefrontal lobotomy, psychoanalytic interpretation 4600

tree-drawing test for lysergic acid diethylamide-induced changes in schizophrenics (It) 37654

typical manner of approach to Bender Gestalt test 2579

Wechsler-Bellevue scatter as index of schizophrenia 17127

*statistics*

1st admissions to Ohio state ment. hosp. 53625

*surgery*

leucotomy, indic. & results (Por) 40218

leucotomy, transorbital (It) 42606

prefrontal lobotomy, retrospective controlled study 50830

topectomy, differences in psychol. test results in immediate & remote postop. periods 44978

*therapy*

acetyl-p-aminobenzoate as adjunct 12605

acetylcholine, Fiamberti method (It) 8518

acetylcholine, value (It) 42605

ambulatory schizophrenics, treatment in rehabil. center 19070

antidiabetics (It) 8622

art ther 8380

azacyclonol & pipradrol in paranoid form (Rus) 34761

azacyclonol, case reports (Ger) 44940

azacyclonol in chronic hallucinative form (Dan) 30221

azacyclonol in chronic schizophrenia, objective measurement of its eff. 77

azacyclonol in female patients, statist. 14254

chlorpromazine 17785

chlorpromazine (Rus) 34762

chlorpromazine & promazine, comparison of eff. on concentrative attention span of chronic schizophrenics 40728

chlorpromazine & reserpine, comparison 53615

chlorpromazine & reserpine, eff. on personality (Fr) 46621

chlorpromazine, comparison with other physiol. procedures (Ger) 7376

chlorpromazine, eff. of withdrawal 12616

chlorpromazine, eff. on behavior 12617

chlorpromazine, eff. on metab. in male schizophrenics 5464

chlorpromazine, electroshock ther. & insulin shock ther., comparison 17755

chlorpromazine, electroshock ther. & insulin shock ther., eff. on psychol. test performance 17756

chlorpromazine, promazine & mephobarbital in chronic schizophrenia, comparison 34900

chlorpromazine with reserpine in drug-resistant chronic schizophrenia 28549

clin. & psychother., review 47168

control by psychol. tests, value (It) 42609

10-(3-dimethylamino-2-methylpropyl)-3-methoxy-phenothiazine 17754

doxylamine succinate, pitfalls in evaluation 50908

electroshock, biochem. & hematol. eff. 40074

electroshock, eff. of hexobarbital anesth. on blood sugar (Ger) 27017

environmental ther. of chronic schizophrenics in a ment. hosp. ward 46714

group casework with relatives of adult schizophrenics 19086

group psychother. (Ger) 44191

group psychother. & tranquilizers, statist. 17732

group psychother., hosp. report (Ger) 33857

group psychother. of unselected hosp. groups 39164

hypnother. in borderline cases 17344

hypnotic (Rus) 34780

insulin shock, eff. on blood cholesterol (Rus) 46299

insulin shock, eff. on EEG (Rus) 46298

insulin shock, eff. on retinal blood pressure (Rus) 46297

insulin shock, in assoc. with drugs with opposing action (Rus) 46300

insulin shock ther., adjuvant hyaluronidase (Ger) 22769

insulin shock ther., vitamin C requirement in (Ser) 30092

insulin shock ther. with zinc insulin suspensions 39367

insulin shock, with reinforcing drugs (Rus) 46301

meprobamate 17448

meprobamate, comparison with chlorpromazine 24865

3,4-methylene-dihydroxyphenylisopropylamine, anti-depressive eff. 5466

methylphenidylacetate in chronic underactive schizophrenia 49197

neurotoxic serum (Rus) 34776

play ther. 12430

preanalytic prep. for ther. process 8397

prochlorperazine 17758

prochlorperazine, comparison with other tranquilizers 12622

progn. value of placebo response 24632

promazine in chronic schizophrenia 50852

promazine in chronic schizophrenia, eff. on attentive process 34902

psychoanalytic ther. 20851

psychoanalytic ther. (Ger) 43110

psychoanalytic ther., countertransference factor 17789

psychoanalytic ther., doctor-patient relationship (Fr) 15659

psychoanalytic ther., receptivity of patient for unconscious processes in psychotherapist (Ger) 20822

psychother. (Cz) 14871

psychother. (Fr) 38814

psychother., develop. of empathy in male schizophrenics 53613

psychother., environmental, concept (It) 42607

psychother., misuse of sympathy 50861

psychother. of chronic 19076

psychother. of female schizophrenic, case report 20837

psychother., theoretical principles (Fr) 15658

regressive electroshock ther. alone & with group psychother., comparison with chlorpromazine alone & with group psychother. 12597

regressive shock ther. 7467

rehabil. & disposition of chronically hospitalized patients 19072

reserpine (Rus) 34683

reserpine ascorbate (Fr) 993

reserpine, causing fatal toxic reaction with necrotizing nephrosis, autopsy findings (It) 30685

reserpine, somatic findings & EEG (Ger) 36489

review (Rus) 34784

role of existential analysis (Ger) 32364

soc. rehabil. (Fr) 37853

somatic ther., eff. on course & clin. profile 17050

technics of evaluation of results (Rus) 34779

ther. synthesis, biol. & psychol. (It) 42608

thyroid extract & thyroxin 3386

tranquilizing agents, inducing reversible parkinsonism 12602

2-trifluoromethyl-10-(3-dimethylaminopropyl)-phenothiazine 17757

2-trifluoromethyl-10-[3-(1-methyl-4-piperazinyl)propyl] phenothiazine (Fr) 45546

ward for schizophrenics, organiz. & activities 6158

*urine in*

arterenol & epinephrine excretion, eff. of reserpine admin. 5484

chloroform extracts, exam. (Ger) 27009

eff. of basic extracts on germination of fungi (Ger) 27010

glyoxylic acid, comparison with other psychoses 41200

indole excretion 27005

indolic cpds., comparison with normal subjects 14275

*SCHOENLEIN'S PURPURA see* PURPURA, NONTHROMBOPENIC

SCHOOL HEALTH

absenteeism of Norwegian school child. during Asian influenza epidemic (Nor) 22243

BCG serial tests of school child. in E. Germany (Ger) 34338

child health survey in Ohio 7650

cooperation of physicians with school health programs 4152

dent. statist., object & interpretation 44257

duties of school health physician 10256

foot care of school child. 50276

funct. of private physicians in school health programs 38827

health serv. in Gt. Brit. 42176

hearing conservation plan for school child. in Kansas 50684

hyg. aspects of workshop classes (Rus) 3824

hyg. assessment of polytechnical workshops in schools (Rus) 49789

hyg. cond. in Italy (It) 7514

in Arkansas, hearing test program for school child. 16854

in Denmark, soc. factors (Dan) 10601

in Finland (Fin) 21988

in Hungary, health educ. & serv. in polytechnical schools (Hun) 43100

in Mexico (Sp) 51667

in Nebraska, modern health technics for lay groups, program of 4-H clubs 7265

in Switz. (Fr) 10610

in Yugosl. (Ser) 27863

med. exam. & ther. programs (Fr) 21583 21584

nutritional value of school meals (Ger) 38930

phys. educ., teaching of health habits & care & prev. of athletic inj. in Texas schools 54858

potentials for prev. psychiatry in public school setting 12641

programs for prev. & control of malnutrition in Span. school child. (Sp) 21105

programs, management of heart dis. (Ger) 49071

school physician's role in detection of visual disord. & cooperation with oculist (Fr) 54622

size requirements of school benches based on body height of child. (Ger) 38917

vision screening program in Arkansas 4859

vision testing & train. with prism reader 12460

work & rest schedule in phys. educ. schools (Ger) 15376

SCHOOLS

*see also* EDUCATION

*see also* UNIVERSITIES

academic achievement, correlation with future time perspective in grade school students 16506

body height & weight in Italian school child. (It) 52099

Danish, sex educ. in (Dan) 10615

for handicapped child. in Sweden (Sw) 45050

low efficiency of child. in school work, causes (Ger) 55445

primary reading instruction in school child., determ. of success by various psychol. tests (Dut) 29983

SCHOOLS, MEDICAL

*see also* EDUCATION, MEDICAL

Abo University (Sw) 43197

adviser systems, funct. & problems 41173

Brit. Post-graduate Med. School in London (Sp) 39115

contribution of John L. Gipprich 2334

cooperation of med. schools with pub. health institutions (Rus) 45255

Department of Stomatol. at Boston University School of Med. 7671

differences in personality characteristics in students 17689

ecol. of Brit. med. student 17703

educ., research & community care as purpose of med. schools 16634

Escuela de Medicina de la Universidad de México, 125th anniversary (Sp) 29389

evaluation of ethical performance of students by faculty members 10700

Faculty of Medicine, University of Alberta, Edmonton, Canada, student soc. & academic background 17708

finances of students 13681

full-time faculty deficit 16635

Georgetown University Med. School, Washington, D. C., Department of Pediatrics 37809

implications of diversity of students & schools, eff. on med. educ. 17692

in Europe, impressions of a tourist (Sp) 49162

in Russia (Rus) 21908 21912

internat. educ. exchange of med. students, balances to be considered 16636

Johns Hopkins University School of Med., relations to Johns Hopkins Hosp. 48373

minimum requirements for med. school of 300 students (Sp) 31864

non-curricular factors affecting med. student 17695

nutrition train. in U. S. med. schools, survey 17707

research & train. grants to U. S. med. schools from federal, state & local governments 15753

sabbatical leave for physician-teachers 6999

School of Medicine at Dakar University, in Fr. W. Africa (Fr) 9111

School of Military Med., Mexico (Sp) 8961

Seton Hall College of Med. & Dent. at Jersey City Med. Center 16192

sociol. study of educational environment of med. schools 17698

student counseling by faculty adviser 17696

student counseling by psychologist 17697
student's develop. of professional attitudes & capacities 17700
treating student as member of graduate professional school, psychol. eff. on develop. of individual student 17693
Université de Québec (Fr) 17649
University of Florida College of Med., Gainesville, Florida 5078
University of Florida College of Med., Gainesville, Florida, postgraduate educ. program 5079
University of Miami School of Med., Florida 5077
University of Michigan Med. School, funct. of admissions committee in selection of students 5388
University of Michigan Med. School, Victor Vaughan Society 22481
University of Milan center of exper. med. & surg. (It) 29667
University of Western Australia Med. School 17682
value & objective differences among med. schools & med. students 17688
vocational choice & career evolution in students 17690

*history*

Amer. University of Beirut School of Med., Beirut, Lebanon 17704
Bologna University (Hun) 7694
L'Ecole de Médecine de Besançon, France (Fr) 50774
l'École de Médecine de Montpellier (Fr) 19363
l'École de Médecine de Montpellier, botanical garden (Fr) 19369
l'École de Médecine, Montpellier, archives (Fr) 19367
Edenborough Med. College, No. Carolina's first chartered med. school 19963
Escola Médico-Cirúrgica of New Goa (Por) 4354
Faculty of Medicine of Buenos Aires, hist. (Sp) 49161
first school of med. in southern Africa established in Luanda in 1791 14793
Guy's Hosp. Med. School in 19th century 39713
in Colombia (Sp) 44549
Universidad Nacional de La Plata, Argentina, hist. sketch of Chair of Dermatosyphilography (Sp) 32454
l'Université de Liège, Belgium, faculty appointment of Théodore Schwann (Fr) 21319
University of Jena Medical School, quadricentennial (Ger) 6735
Wayne State University College of Med. 5394

*SCHUELLER-CHRISTIAN SYNDROME see* HAND-SCHUELLER-CHRISTIAN SYNDROME

*SCHWANNOMA see* NEURILEMMOMA

SCIATICA

*see also* INTERVERTEBRAL DISK DISPLACEMENT

(Fr) 44163
diag. & ther. 22721
differ. diag. & indic. for surg. (Ger) 49084
surg. sciatica, etiol., diag. & results of surg. (Fr) 21413

*case reports*

diabetic sciatic neuropathy 27253

*complications*

lumbar pain, asthenia, rigidity & contracture, diag. & ther. (It) 29676
paralysis of foot (Pol) 43674

*diagnosis*

diskography 46661
myelography 35433

*differential diagnosis*

backache 51530

*etiology and pathogenesis*

arachnoid cyst in sacral region, case report (Fr) 21388
exostosis of ischium (Ger) 34258
obliterative peripheral arterial dis. (Fr) 19776
sacral cysts, extradural (Sp) 8812
thrombophlebitis (Rus) 45143

*surgery*

myelographic indic. in persistent sciatica (Fr) 31964

*therapy*

(Ger) 10273

SCIENCE

Academia de Ciencias Médicas, Físicas y Naturales of Havana, organiz. (Sp) 12920
concepts from surgeon's viewpoint (Ger) 29022
contribution of basic sciences to nutrition (Fr) 24873
contribution of Oliver Wendell Holmes to science & sentiment 10482
contribution of Alfred Nobel 37713
inclusion of humanity in the concept of science (Por) 40214
modern concept, role of man (Sw) 32830
natural sciences, role in med. progr. (Ger) 41762
research 7947
responsibility to society (Ger) 15293
science, faith & human nature, review 30486
scientific humanism in research 28542
scientific thought 23386
statist. methods, limitations (Sw) 30219

*education*

in Gt. Brit. 2167

*history*

Lavoisier's proposals for train. in science & med. 14337
writings & contributions of George Sarton 9566

*SCILLAREN see* SQUILL

*SCINTILLATION COUNTER see* RADIATION COUNTERS

SCLERA

review 46470

*abnormalities*

aberrant lacrimal gland in sclera 101

*diseases*

atrophy in periarteritis nodosa with vasc. necrosis & pustulous skin eruptions, case report (Fr) 37854
corneoscleral trabeculitis, relation to pathogen. of glaucoma 49387
scleromalacia, surg. with fascia lata graft 12454

*pathology*

changes in pathol. myopia 55014

*physiology*

episcleral venous pressure, eff. of tolazoline (Ger) 46840
episcleral venous pressures in anaphylactic horse serum uveitis in rabbits (Ger) 43346

*rupture*

spontaneous internal rupt. & splitting of cornea-sclera 35777

*surgery*

buckling procedures, technical difficulties of reoperations 23427
imbrication for retinal detachment 34919
in high myopia, combined lamellar scleral resection with scleral reinforcement using donor eye 55015
lamellar resection (Ser) 51675
lamellar resection, anatomopathol. findings (Dut) 52487
overlapping technic to produce scleral fold 105
removal of corneal-scleral sutures with DeWecker scissors 12446
resection with insertion of plastic material, review (Rus) 45712

*transplantation*

into anterior chamber in rabbits 12443
sclerocorneal grafts in limbic region in rabbits (It) 25970

*wounds and injuries*

laceration, extensive, surg. with complete recovery, case report 14550

SCLEREMA NEONATORUM

*case reports*

(Pol) 20241

SCLERODERMA

36296
differ. diag. & path. relief, review 29279
diffuse, manifest. & pathol. 15269
localized, progn. 23365

*blood in*

hexosamine content (Hun) 41622
proteins 15270
proteins (Ger) 6093
protein determ. (Hun) 29155

*case reports*

(Bul) 32781
en coup de sabre with eye involvement (Ger) 28938
in Canadian hosp. 51415
in chronic ankylosing polyarthritis with blindness & dyschondroplasia (It) 52128
sclerodermatomyositis with disseminated calcinosis (Sp) 8170
systematized circumscript in cervicothoracic quadrant synd. (Ger) 25295
white spot dis. (Fr) 2414
50779
with acrodermatitis atrophicans (Fr) 2424
with acrodermatitis atrophicans & epitheliomatous degen. (Fr) 2403
with adenocarcinoma of rectum 44052
with fibrosis & honeycomb cyst of lungs & bronchiolar carcinoma, post-mortem pathol. 17898
with gastric-lined esophagus with peptic ulcer, x-ray diag., case report 28518

*complications*

brachyesophagus (Fr) 53422
calcinosis in generalized scleroderma, case report (Sp) 8916
heart involvement, funct., pathol. & ECG studies (It) 36758
pulm. cancer in generalized scleroderma, case reports 10320
small intestine obstruct., surg. ther. 34960

*diagnosis*

circumscriptum & diffusum, x-ray interference exam. (Ger) 16093
Waaler-Rose reaction (It) 31755
x-ray (Fr) 54336

*etiology and pathogenesis*

polymyositis, relation to Raynaud's phenomena, case report (Sp) 43874

*in infant and child*

ther., vitamin E in newborn (Ger) 55735

*manifestations*

ECG, review & case reports 24325
EEG (Sp) 43873
of generalized scleroderma (Sp) 8223

*pathology*

cutaneous autonomic NS, comparison with lichen ruber planus (Ger) 46655
esophageal x-ray changes (Fr) 53426
kidneys (Hun) 20165
lung changes (Sp) 33012
tympanum in generalized scleroderma, postmortem findings (Fr) 10671
vasc. changes in kidneys (Ger) 46101
55658

*physiology*

kidney funct. in 14315

*therapy*

52141
ACTH, physiol. & histol. eff. (Sp) 8683
edathamil in acrosclerosis (Sp) 32437
hyaluronidase prep. (Rus) 22513
penicillin G diethylaminoethyl ester, specific activity (It) 20970
prednisolone causing acute pancreatitis 41817
prednisone in generalized scleroderma, long-term ther. 2634
procaine, intravenous inject. 32527
relaxin in diffuse progressive scleroderma 46384

SCLEROSING SOLUTIONS

*effects*

on sciatic nerve of rabbit, comparison of various nerve sclerosants 43370

*therapeutic use*

cavernous hemangioma of forehead in newborn inf. (Por) 53869
granugenol oil prep. in female incontinence (Ger) 11336
granugenol oil prep., indic. & technics (Ger) 55705
sodium psylliate in chronic strain of ankle ligaments 16747
sodium salicylate sclerotization of adrenal medulla in arteritis ther., with lumbar sympathectomy (Rus) 45665
sodium tetradecyl sulfate in verruca plantaris 16750

SCLEROSIS

Roques synd. of cardiac & pulm. sclerosis (Fr) 3622

*SCLEROSIS, AMYOTROPHIC LATERAL see* AMYOTROPHIC LATERAL SCLEROSIS

*SCLEROSIS, DIFFUSE see* ENCEPHALITIS PERIAXIALIS

*SCLEROSIS, DISSEMINATED see* MULTIPLE SCLEROSIS

*SCLEROSIS, HEREDITARY SPINAL see* HEREDITARY SPINAL SCLEROSIS

*SCLEROSIS, MULTIPLE see* MULTIPLE SCLEROSIS

*SCLEROSIS, PRESENILE see* PSYCHOSES, PRESENILE

*SCLEROSIS, TUBEROUS see* TUBEROUS SCLEROSIS

SCOLIOSIS

classif., symptomatol. & ther. (Nor) 54959

*case reports*

resolving types 50397

*complications*

cervical scoliosis causing cranial asymmetry in musc. torticollis, theory (Ger) 34254
ectasia of descending thoracic aorta in patient with kyphoscoliosis (Fr) 36692
kyphoscoliosis causing paraplegia, review (Fr) 9152

*diagnosis*

x-ray, significance of simulated wedge vertebra (Ger) 34245

*in infant and child*

caused by mediastinal pleurisy in child (Ger) 34243
in school-age child., diag., photofluorography (It) 53788
in school child., participation in school gymnastics (Ger) 38927
x-ray manifest., paravertebral shadows in soft parts around thoracic vertebrae (Ger) 34244

*in pregnancy*

kyphoscoliosis, compl. & ther. (Fr) 13504

*pathology*

histopathol. of vertebrae in congen. scoliosis without vertebral abnorm. 48778

*physiology*

growth of iliac apophysis, relation to develop. of curves 4789
use of glossopharyngeal breathing to increase vital capacity 20360

*surgery*

ambulant correction of thoracic scoliosis with exper. use of hydrostatic pressure 50396

elongation of vertebrae, technic & results (Fr) 9001
indic. & technics (Rus) 43372
plastic surg. after preliminary stretching, technic (Rus) 18224
preop. correction, results (Rus) 43373
spondylodesis, temporary spring technic (Pol) 38472

*therapy*
exercise ther. (Pol) 38470
idiopathic (Rus) 43374
orthopedic gymnastics (Ger) 34299
resist. forms (Rus) 43375
review (Rus) 43396
spring retractor (Pol) 38458
supporting bandage in paralytic scoliosis (Ger) 34284

SCOPOLAMINE
*determination*
separation from hyoscyamine & atropine by countercurrent distribution (It) 27425
*effects*
potentiation of barbiturate action in mice 306
*injurious effects*
hyoscine aminoxide hydrobromide causing pseudoschizophrenic reaction in child, case report 4154
psychosis 15559
*related compounds*
scopolamine N-butylbromide-aminopyrine prep. in ther. of dysmenorrhea (Sp) 21135
scopolamine-N-butylbromide-aminopyrine prep. in ther. of spastic abdom. pain in child. (Ger) 19058
scopolamine N-butylbromide-amino-pyrine prep. in ther. of pain in surg. patients & in various dis. (It) 51983
scopolamine N-butylbromide, anticholinergic activity in vitro & in vivo (It) 37337
scopolamine N-butylbromide-antipyrine-methylamino sodium methylsulfonate prep., ther. of urinary tract dis. (Sp) 29366
scopolamine N-butylbromide, coadjuvant antispastic ther. in cancer of esophagus (It) 3717
scopolamine N-butylbromide, eff. on exper. spasms, comparison with various spasmolytics (It) 37336
scopolamine-N-butylbromide in vagal ganglion block in labor (Sp) 49165
scopolamine N-butylbromide, ther. of gastrointestinal dis. (Fr) 32409
scopolamine N-butylbromide, ther. of urinary painful & spastic cond. (It) 6060
*therapeutic use*
premedication, comparison with other drugs 52656
seasickness, comparison with other anti-emetics 18078

*SCORBUTUS see* SCURVY

SCORPIONS
Androctonus australis venom, purification of component toxin (Fr) 13832
Leiurus quinquestriatus, Buthotus judaicus & Nebo hierichonticus, mating habits 36548
microelectrophoretic comparison of hemolymph & coxal gland proteins (Fr) 38764
mitochondrial ultrastructure in spermatogonia (Fr) 38639

SCOTOMA
*case reports*
central, fenestrated, in patient of retinitis pigmentosa, causing paradoxical behavior of visual acuity (It) 13135
homonymous macular scotomata in occipital lobe tumor 11707
*diagnosis*
multiple targets in visual field exam. with tangent screen 11698
*physiology*
correlation of scotoma of migraine with spreading depression of Leão 27326

SCROFULA
*see also* TUBERCULOSIS, LYMPH NODE
*in infant and child*
scrofuloderma gummosa following BCG vacc., case report (Fr) 25449

SCROTUM
*see also* TESTES
*abnormalities*
scrotal hypospadias & scrotal subdivision (Ger) 11412
*diseases*
elephantiasis, peno-scrotal, surg., phallus-oscheoplasty 33439
Fournier's dis., case report (Cz) 9444
leprosy in 6-year-old boy, unusual case 2049
*gangrene*
with perineal-urethral fistula (Rus) 10730
*neoplasms*
mesothelioma, ther. (Ger) 15458
ovarian type pseudomucinous cystadenoma, case report 48553
premalignant melanosis, differ. diag. from Paget's dis. (Ger) 15272
*surgery*
scrotal flap in repair of postradiation necrosis of perineum 5213
*wounds and injuries*
avulsion of scrotum & skin of penis, case report 53120
avulsion of skin, surg. (Ger) 38427
war inj. of scrotum & contents, hist. note from 12th General Hosp. 31584

SCURVY
*case reports*
after bilateral adrenalectomy 14272
with osteopetrosis & rickets in Negro 37618
*complications*
cancer (Dut) 3759
hemorrh. pleural effusion 6147
thrombopathy, case report 2075
*experimental*
blood protein analysis in guinea pigs, electrophoresis (Fr) 21279
blood proteins in guinea pigs with partial & total vitamin C defic. & with tuberc. or turpentine-induced abscesses (Fr) 9020
bone marrow iron in chronic scurvy in guinea pigs (Fr) 26606
eff. of maternal vitamin C defic. on fetal brain develop. in guinea pig 43625
eff. on adrenal & liver vitamin C & on adrenal cortex funct. in guinea pig 15618
eff. on blood proteins in guinea pigs 2086
eff. on calcium metab. in guinea pigs (Fr) 48826
eff. on healing of exper. wds. in guinea pigs, histochem. study 2060
eff. on mast cells in uvea 47050
eff. on steroid synthesis by adrenal cortex slices from guinea pigs (Rus) 10937
fructose, galactose & glucose utilization in scorbutic guinea pigs 12534
histochem. eff. on organs & tissues of guinea pigs 2076
in red- vented bulbul 52311
inhib. eff. on tensile strength & healing of wds., mechanism of action 35106
protein metab. in monkeys 16292
radioiodine metab. at various phases in guinea pigs (Pol) 43630
sulfate uptake in eyes of guinea pigs, autoradiography, review & exper. 47051
*history*
in Russia, control (Rus) 22690
in Yugosl. (Ser) 39711
*in infant and child*
compl., osteomyelitis (It) 9209
in trop. countries (Sp) 8826
x-ray diag. & differentiation from rickets & congen. syphilis 43697
*pathology*
thyroid histol. in various stages of scurvy in guinea pig (Pol) 20188
*prevention and control*
vitamin C fortified milk 48512

*SEA URCHIN see* ECHINODERMS

*SEASICKNESS see* MOTION SICKNESS

SEAWEED
Fucus vesiculosus biosynthesis of radioactive mannitol from radiocarbon dioxide 21665
*extracts*
protective eff. on chick embryos infected with influenza B or mumps virus 44082

SEBACEOUS GLANDS
*cysts*
simulated by nevus syringadenomatosus papilliferus of scalp, case report 11583
*diseases*
facial seborrhea, ther., 4-hydroxy-2-oxo-benzoxathiole (Ger) 42300
nodular elastoidosis with cysts & comedos (It) 19172
*effect of drugs on*
hormones, review 26432
survey of cpds. with suppressive activity on mouse glands 2689
*neoplasms*
adenoma with ment. defic., epilepsy & neurofibromatosis (Fr) 2423
facial sebaceous adenomas simulating leprosy (Fr) 25505
*physiology*
eff. of thyroid gland & gonad disord. in animals (Rus) 45634
secretion, determ. with sebograph (Ger) 15286
secretion, role of enzymes & steroid hormones in mechanism 50641

*SEBORRHEA see* DERMATITIS SEBORRHEICA

*SEBORRHEA see* SEBACEOUS GLANDS, *diseases*

SEBUM
*physiology*
rate of excretion from glands to skin surface 50647

*SECONAL see* BARBITURATES

SECRETIN
in cholecystography, with cholecystokinin (Sw) 52728
*effects*
on pancreatic enzyme content in dog (Pol) 24062
stimulation of pancreatic secretion as funct. test. diag. value 8493
*physiology*
review 55291

*SEDATIVES see* HYPNOTICS AND SEDATIVES

*SEDIMENTATION RATE see* BLOOD SEDIMENTATION

SEEDS
chromosome breakage & reunion after anaerobic swelling of Vicia faba seeds, disbribution of sites (Ger) 48693
citric & malic acid contents during growth & maturation (Fr) 3032
Croton tiglium seeds containing tumor-promoting substance, isolation & properties 1442
lettuce, reduced diphosphopyridine nucleotide oxidase in seeds 7157
lipases in oil-bearing plant seeds (Rus) 1735
lipoxidase system of sunflower seeds 14620
pots. by eating seeds of Caesalpinia gilliesii 28584
vitamin C content before & after germination 40076
Voandzeia subterranea, chem. of seeds (Fr) 24119
*extracts*
pea seed extract causing breakdown of glycolytic substrates 1638
urocanic acid, cytidine-5-monophosphate & nicotinic acid in Phaseolus aureus seed extracts (Fr) 48920
urocanic acid, nucleotides & nicotinic acid in Phaseolus aureus seed extracts (Fr) 48919

SELENIUM
*determination*
in air, blood, organs & urine, technic (Ger) 25187
*effects*
factor 3, reversal of resp. decline in narcotic liver degen. in rats 20760
nutritive eff. in chicks 17815
nutritional eff. of soil selenium in mammals 28309
on exper. erythroblastosis in chickens (It) 16031
on white musc. dis. in ewes 21707
prev. of liver necrosis in hyperthyroid rat 42968
relation of presence of selenium traces to protective eff. of cystine against dietary liver necrosis 51924
selenite catalyst in oxidation of glutathione & other sulfhydryl cpds., mechanisms of reaction 28275
sodium selenite on liver necrosis induced by non-fat milk powder in rats (Ger) 46184
*metabolism*
content in teeth 52853
partition of selenium-75 in intracellular particulate matter of rat liver 52415

SELF-MUTILATION
*see also* MALINGERING
causing skin dis. (Ger) 39960
psychopathol. 49612
self-biting in ment. defectives 53063
*case reports*
expert testimony in military case (Ser) 45910
unusual case of subcutaneous introduction of numerous sewing needles in ment. patient, skin manifest. 26

SELLA TURCICA
irradiation by insertion of yttrium 90 in ther. of neoplasms, results (It) 42546
*anatomy and histology*
measurement, diag. value of results (Ger) 34606
size in tuberc., eff. on ECG & reaction time (Ger) 22885
*physiology*
growth in man, radiol. study 50301
*radiography*
calcification shadow in parasellar space (Ger) 39404
diag. value in intracranial tumors, review 37620

*SELYE SYNDROME see* GENERAL ADAPTATION SYNDROME

SEMANTICS
*see also* LANGUAGE
fittingness of signs to words, semantic differential 17250
for x-ray technicians 11092
semantic aspects of progn. in psychiatry 50110

semantic structures in monolingual Greek & Amer. college students, comparative factor analysis 43786

symbols, relation to abstraction & synthesis 28196

## SEMEN

*see also* SPERMATOZOA

acid phosphatase content, determ. & prep. of stable test reagent 29833

analysis in diag. of sterility, med. & moral problems (Sp) 39105

antigens of rabbit semen 20756

arborization phenomenon in semen 49325

biochem. of dog semen 42991

biochem. research (Fr) 26292

eff. of ethyl alcohol on sperm count 8497

electrophoresis (Ger) 46089

exam. in diag. of male sterility, spoon for sampling semen in uterine cervix (Dut) 30002

fertility & other characteristics of deep-frozen bull semen 40807

fertility of frozen bovine semen packaged under carbon dioxide 16768

β-glucuronidase activity of human semen (It) 37531

Illini variable temperature semen diluent, use in artif. insemination of beef cattle 16769

lactic dehydrogenase activity of human semen 31369

large semen volume responsible for sterility 49481

male sperm antagglutin, eff. of artif. light on prod. in rabbit semen 49476

protein & amino acid content in relation to sperm count (Ger) 45574

proteins in bull semen, electrophoretic & immunoelectrophoretic analysis (Fr) 37828

sugar & organic acid content in various mammalian species (Fr) 37846

vitamin B2 content in yellow-colored specimen of bull semen 19473

***microbiology***

eff. of antibiotics on bact. count in chicken semen 12758

survival of bact. in diluted semen at 29°C. 12764

viability of Leptospira pomona in frozen extended bovine semen 4618

## SEMICIRCULAR CANALS

***effect of radiations on***

ultrasonics (Ger) 36441

***physiology***

cupulometry of vertical & horizontal semicircular canals 20530

electrophysiol. & funct. tests in normal cond. & peripheral vestibular lesions (Fr) 23904

hydromechanics 13276

stimulus parameters of Corioli accelerations in guinea pigs (Ger) 55450

*SEMILUNAR BONE see* WRIST

*SEMILUNAR CARTILAGES see* KNEE

## SEMINAL VESICLES

***anatomy and histology***

in rat after electrically-induced ejaculation (Fr) 38767

***cysts***

relation to prostatitis (Ger) 49841

***diseases***

occlusion causing sterility, surg. (Pol) 37603

vesiculoprostatitis, chronic, new concepts of nature, etiol. & pathogen. 16581

***effect of drugs on***

testosterone, on weight of seminal vesicles in fasting rats (It) 25642

***embryology***

in ram 50300

***metabolism***

potassium & sodium content of secretion 47110

***pathology***

atypical epithelial changes 23469

***radiography***

in diag. of obstruct. of vas deferens causing sterility, case report (Sp) 30241

vasoseminal vesiculography in differentiation of hypertrophy & cancer of prostate 35439

*SEMINOMA see* DISGERMINOMA

*SENEAR-USHER SYNDROME see* PEMPHIGUS ERYTHEMATOSUS

## SENECIO

erraticus ingestion causing horse epidemic of Zdár in Czech. identified as endophlebitis hepatica obliterans (Ger) 32292

*SENNA see* CATHARTICS

## SENSATION

*see also* HYPERESTHESIA

*see also* PARESTHESIA

acoustic, optic & tactile impression sequence disord. in total sensory aphasia (Ger) 52555

analyzer relationship disord. in cerebrocranial inj. (Rus) 55857

cenesthesiopathy (Fr) 21745

chronaxy of cutaneous sensitivity to electric stimulation & current intensity, clin. aspects & role in stimulation physiol. (Ger) 27158

cortical potentials in brain dis. manifesting as somesthetic disord. (Fr) 44745

disord. in hysteria patients, mechanisms (Rus) 46331

disord. in hysteria patients, study by galvanic reflexes of skin (Rus) 46334

disord. of reciprocal action of analyzers caused by diencephalic lesions (Rus) 34730

position sense in human shoulder, contribution of tactile, musculotendinous & joint receptors 28555

position sense in human shoulder in frontal plane, analysis 28554

sensory disability & defects caused by parietal lobe lesions 47784

sensory phenomena in works of Marcel Proust (Fr) 44656

sensory stimulation responses in psychosomatic disord. 20871

tactile illusion of movement (Ger) 33930

tickling, relation to stuttering, psychoanalytic interpretation 20849

*SEPTAL DEFECTS see* CARDIAC SEPTUM, *abnormalities*

## SEPTICEMIA AND BACTEREMIA

*see also* INFECTION

Shwartzman phenomenon in fulminant meningococcemia 35713

***case reports***

Clostridium perfringens septicemia complicating partial gastrectomy 53231

Klebsiella pneumoniae causing pyemia 35900

micrococcal septicemia with agammaglobulinemia & alymphocytemia (Fr) 51401

septicemia in primary tuberc. (Fr) 9193

***complications***

gangrenous purpura caused by meningococcal septicemia, case report 15043

micrococcal bacteremia with osteomyelitis, novobiocin ther., case report 34886

shock, manifest. & ther. 11780

***diagnosis***

blood culture technics for bacteremia 28611

hemoculture method with membrane filtration in septic cond. (Cs) 38110

***etiology and pathogenesis***

Aerobacter cloacae (Ger) 21616

antibiotic-resist. Micrococcus pyogenes aureus septicemia after mitral commissurotomy, vancomycin ther. 5412

Clostridium perfringens causing fatal septicemia following criminal abortion, with Waterhouse-Friderichsen synd., medico-legal aspects (Fr) 47431

gas gangrene of intestines in leukemia, case reports 52607

glucocorticoids (Ger) 29436

micrococcal infect., case report (Fr) 6392

Micrococcus pyogenes aureus streptomycin-resistant strain causing bullous dermatitis & septicemia, paradoxical cure by streptomycin (Hun) 37245

Micrococcus pyogenes, clin. & exper. study in men & mice 45

Micrococcus pyogenes septicemia, ther., antibiotics (Hun) 7711

Mima polymorpha, case report 1153

post-criminal abortion by plant root causing gas gangrene septicemia (Ger) 11459

posttrauma. micrococcal septicemia, fatal, pathogen. & medico-legal aspects (Fr) 51140

Pseudomonas aeruginosa septicemia, review & case reports 35714

Pseudomonas infect. in pregn. 24513

Sphaerophorus necrophorus 20476

streptococcal strains, isolation (Ger) 46097

tooth extraction, influencing factors (Ger) 7111

traum., shock, host resist. to bact. infect., review 25987

Vibrio fetus, fatal outcome by aggravation of preexisting cardiopathy (Fr) 37937

***experimental***

eff. on growth of cartilage plate & metaphysis of immature rat 50308

Pseudomonas aeruginosa bacteremia, eff. of ACTH & aminopyrine in rabbits (Hun) 28785

***in infant and child***

Alcaligenes faecalis septicemia in newborn 44064

hyperacute septicemia, ther. & case reports (It) 42771

micrococcal, compl. 8115

micrococcal infect. causing bullous pulm. septicemia (Fr) 15198

micrococcal septicopyemia, ther., combination oleandomycin & tetracycline, case report (Sp) 3332

Micrococcus pyogenes aureus causing acute hematogenous osteomyelitis with thrombophlebitis, case report 10691

Micrococcus pyogenes septicemia in newborn, with herpes simplex 35351

Micrococcus pyogenes septicemia with disseminated lupus erythematosus & acute anemia, clin. pathol. conf. (Sp) 37264

Micrococcus pyogenes var. aureus causing myocardial infarct & heart aneurysm in 10-year-old girl, case report (Fr) 18613

Salmonella dublin septicemia in 8-month old inf. 29005

septicopyemia complicating burns, pathogen., pathol. & diag. (Sp) 43929

statist. in newborn 7843

***in pregnancy***

Clostridium perfringens septic toxemia with acute renal failure in criminal abortion, ther., exchange transfusion (Sp) 30238

puerperal Clostridium perfringens bacteremia with septic shock & hemorrh., case report 52603

***statistics***

nosp. statist. 30916

***therapy***

ristocetin in micrococcal sepsis with bacteremia, failure 30111

vancomycin in puerperal micrococcal septicemia resist. to other antibiotics 26132

*SEPTUM PELLUCIDUM see* CEREBRAL VENTRICLES

## SERINE

***determination***

colorimetric determ. in phospholipids 13698

in biol. systems, review 6752

in phospholipids, quantitative technic 16906

***metabolism***

E. coli, utilization & significance for typing of strains 23776

enzymic synthesis of serine, relation of interaction of formaldehyde & tetrahydrofolic acid 52314

incorporation of carbon-14-labeled serine into phospholipids of rat liver mitochondria in vitro 52348

radiocarbon distribution in cow udder after inject. of labeled glucose, determ. in measurement of phosphoriosetsomerase activity 40475

reactive serine residue in enzymes inhibited by organo-phosphorus cpds. 19570

***related compounds***

azaserine comparative mode & extent of uptake by 5 strains of ascites tumor 20529

azaserine inhib. of uric acid synthesis in birds 12536

azaserine with 2-amino-6-mercaptopurine causing inhib. of ascites cell growth 2690

O-carbazylserine, antitumor activity in mice 45383

phosphatidyl serine, role in blood coagulation in vitro 19627

phosphorylserine-containing proteins in Saccharomyces cerevisiae, rate of phosphorus uptake 35481

phosphorylserine-containing proteins in Saccharomyces, eff. of glycolytic inhibitors on phosphorus uptake 35482

phosphorylserine-containing proteins in Saccharomyces, eff. of inhibitors of oxidative phosphorylation on phosphorus uptake 35483

phosphoserine determ. in liver phosphorylase 4751

phosphoserine, enzymic exchange with L-serine in chicken & rat liver prep. 40552

L-threo- & L-erythro-β-phenylserine enzymic cleavage & synthesis in kidney & liver extracts (Ger) 25884

threo-2-phenylserine & its benzoyl deriv., utilization by Pseudomonas strain from soil, D-form specificity 3825

## SERODIAGNOSIS

*see also* SYPHILIS, *diagnosis*

hapto-cholic antigen flocculation with membrane filters (Rus) 45861

interference by surface-active cpds. in liquid rinse residues in test tubes (Ger) 46230

prod. of diag. prep. in Russia (Rus) 11499

serol. reaction with soluble antigens adsorbed on inert carrier particles, review (Ser) 27681

stability of air-dried blood samples (Ger) 28406

## SEROLOGY

minimal cond. for serol. tests (Fr) 31902

## SEROSITIS

***case reports***

polyserositis in anomalous edema with generalized anasarca 4503

***therapy***

abdom. tuberc. serositis (It) 13659

## SEROTHERAPY

eff. of convalescent serum on exper. burn synd. in toxemic stage (Rus) 22612

fluid ther. in emergency department of children's hosp. in Mexico (Sp) 1823

hemother., eff. on carcinolytic properties of serum in cancer patients (Rus) 20200



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

hemother., eff. on hemolysis induced by total body x-irradiation in dogs (Rus) 7784

*in various diseases*

antitoxins in prev. & ther. of tooth infect. (Sp) 8968

Belenkii's serum in psychoses (Rus) 21894

bovine blood-powdered organ prep. in eczema (Fr) 32014

dehydration in inf. (Sp) 31014

hemophilia (Sp) 15498

hemophilia, hemother. (Sp) 53341

*injurious effects*

allergic cerebral, cardiac & pulm. reactions due to combined action of serother. & penicillin (Fr) 9628

**SEROTONIN**

(It) 3637

(Sp) 29353

biochem., physiol. & pharmacol. review (Ger) 39861

biochem. properties & metab. (Sp) 53927

chem. structure, metab., biol. action & ther. uses, review (It) 53798

eff. of blood of ment. defectives on serotonin (It) 32113

form., pharmacol. & physiol. properties & ther. uses (It) 30680

histochem. reactions relating to serotonin in argentaffinoma (It) 14017

in argentaffinoma (Fr) 4823

pharmacodynamics, review (Bul) 32753

pharmacol., review (Heb) 3963

relative stability of epinephrine, arterenol & serotonin subjected to various simple treatments 7217

review 5757

review (Por) 15951

review (Rus) 52959

review (Sp) 51625

*antagonists*

*see also* **LYSERGIC ACID DIETHYLAMIDE**

γ-aminobutyric acid 41347

antihistaminics 55074

1-benzyl-2, 5-dimethylbufotenin & 1-benzyl-2, 5-dimethylserotonin, eff. on clot retraction (Ger) 10358

1-bicyclohexyl & 1-phenylcyclohexyl amino ethers, inhib. of eff. of serotonin on isolated rat duodenum (Fr) 26913

bufotenine & dimethyltryptamine, pharmacol. 34903

ceruloplasmin inhib. of serotonin action on rat uterus (Fr) 26745

dimethyltryptamine, eff. on EEG 48967

dimethyltryptamine, eff. on EEG in normal persons (Hun) 40052

α-methyl-dihydroxyphenylalanine inhib. of form. in vivo & in vitro (Ger) 29896

nicotinamide antag. of eff. of serotonin on smooth musc. in rats 32337

phenothiazine deriv., mechanism of action studied by inhib. of dextran edema in rats (It) 37338

*determination*

assay of serotonin & related metabolites, drugs & enzymes of serotonin metab., review 6754

in hallucinogenic mushroom 9580

in tissue extracts in presence of substance P 5478

quantitative & qualitative methods 510

*effects*

antag. of arterenol in dogs & mice 9552

antidiuretic activity 51128

attempted prod. of allergic vasc. reactions in rabbits (Fr) 40133

headache, role of capillaries in prod. & eff. of serum mucopolysaccharides (It) 53586

induction of asthma, eff. of mono-amino-oxidase inhibitors (Ger) 12182

induction of histamine release after local inject. in rats (Fr) 38637

induction of increased capillary permeability in rats, influence of various other drugs on increase (Ger) 24916

induction of morphol. lesions in choline-defic. rats, review 20041

on acetylcholine-sensitive nerve endings of peripheral blood vessels (Ger) 23613

on bleeding time, in guinea pigs, admin., local (Fr) 48871

on blood circ. in dogs (Fr) 38769

on blood vessels 38620

on blood vessels in exper. animals, vital microscopy of reactions to local admin. (Ger) 11237

on blood vessels, relation of tone to responses of large & small vessels 48735

on body temperature in pigeon, action & interaction with tranquilizing agents & lysergic acid diethylamide 35827

on body temperature in rat, action & interaction with reserpine & chlorpromazine 35820

on cholinesterase, acid phosphatase & succinic dehydrogenase content of hypothalamus in rats 39255

on circ. eosinophil count (Fr) 35001

on clot retraction (Ger) 10358

on clot retraction & thrombelastography 10357

on CNS in rats, rabbits, dogs & monkeys (Fr) 32923

on CNS in vitro, comparison of edematigenous action with histamine (It) 13506

on exper. liver cirrhosis induced by carbon tetrachloride (It) 37483

on exper. pulm. embolism (Sp) 29363

on fibrinogen conversion to fibrin in vitro 12490

on gastric mucin secretion from pyloric mucosa in dogs 3688

on growth of young oat plantlets (Fr) 38739

on heart-lung prep. of dog, cat & rabbit (It) 37407

on hypercholesterolemia induced by cobaltous chloride (It) 1985

on hypothalamo-adreno-pituitary axis in rats (Fr) 26801

on intestinal motility & intraluminal pressure in normal cond. & sprue 39457

on isolated guinea pig atria, influence of reserpine (It) 37419

on kidney funct. (It) 1861

on mammary gland in rats (It) 37402

on mesenteric vessels & exper. shock after admin. of histamine-liberator 48/80 in guinea pigs & rats (Ger) 12191

on motility of ileal segment used in form. of artif. bladder 48484

on motility of intestinal villi in dogs (Ger) 47729

on neurosecretory substance of hypothalamus in rats 209

on oxygen consumption of brain, kidney & liver tissue in vitro (It) 1884

on peristaltic reflex in isolated segments of guinea pig ileum 48234

on peristaltic reflex of isolated guinea-pig ileum 14125

on phagocytosis of leukocytes in vitro (Ger) 35373

on phenolases from Fasciola hepatica & other sources 47930

on uterine contractility 36597

radioprotective action in rats 42959

sensitivity in guinea pigs after aerosol admin., eff. of chlorpromazine & reserpine (Fr) 15104

sensitivity of mice to serotonin after inoculation with Bordetella pertussis vaccine, review 1610

synergistic eff. on procaine anesth. (It) 39319

vital microscopy of blood vessels in animals pretreated with hormones & antihistaminics after local admin. with anaphylatoxin, histamine & serotonin (Ger) 22995

*in blood*

binding & transport by blood platelets, eff. of reserpine in rabbits 12573

eff. of electroshock (Ger) 46091

in alcoholic cirrhosis, biol. assay using rat colon (Fr) 31913

in hemorrh. dis. (Fr) 9017

in schizophrenics (Fr) 47436

*metabolism*

activity in isolated sensitized guinea pig uterus 16526

brain content, eff. of cortisone admin. to rats (It) 37449

brain content in hares, eff. of stress (Fr) 39261

brain content in various areas, eff. of exper. electroshock in dogs (It) 37447

brain, eff. of harmaline on long-acting monoamine oxidase inhibitors in mice & rats 49359

conversion to 5-hydroxyindolacetic acid by rabbit blood 44139

eff. of adrenalectomy in rats 7187

eff. of ingestion of bananas on urinary elimination of metabolite 5-hydroxyindolacetic acid (Fr) 38723

eff. of metabolites on eosinophil & thrombocyte counts (Ger) 21656

gastrointestinal tract content after continuous admin. of ethyl alcohol in rabbits (Ger) 54391

in argentaffinoma 50807

in exper. anuria (It) 37353

in intestinal carcinoid tumors 39456

in malignant carcinoid synd. (Sp) 44509

in malignant carcinoid synd., role in psychopathol., review & case reports (Ger) 32277

in various tissues of several mammalian species, relation to 5-hydroxytryptophan decarboxylase content of tissues 41307

intestines & brain, eff. of tryptophan defic. diet in animals (Ger) 33989

intracellular localization in intestinal mucosa of dogs 5783

lungs, in exper. anaphylactic shock (It) 37384

neoplastic mast cells, synthesis in tissue culture 48567

permeability across lungs after intratracheal admin. in guinea pigs & rabbits (It) 37452

prod. & excretion in malignant carcinoid synd. (Ger) 39862

role in response of stomach & intestine to admin. of iproniazid (Ger) 49633

urinary excretion of 5-hydroxyindolacetic acid after serotonin admin. in man, comparison after banana eating 31458

urinary excretion of metabolites in malignant carcinoid synd. 9556

*physiology*

binding in mast cells (Ger) 1580

physiol. of extracerebral serotonin & role in etiol. of various pathol. cond., review (Ger) 36918

relation of histamine & serotonin to anaphylactic shock in different species 51096

release from tissues by action of histamine liberators, comparison in hamsters, mice & rats 40131

release in response to dextran, ovomucoid & ovalbumin in rat skin, role in induction of edema (It) 37339

role in neurol. & psychiatric changes, review 8348

role in pathogen. of attacks of neurogenic appendicitis (Ger) 48351

*preparation of*

form. by ultraviolet irradiation of 5-hydroxytryptophan solutions (Ger) 39230

*related compounds*

serotonin creatinine sulfate, eff. on glucose uptake by rat diaphragm 23340

tryptamine, form. from tryptophan in animal tissue 40548

*therapeutic use*

prev. of postop. hemorrh. beneath skin grafts in plastic surg. (It) 52005

*toxicity*

eff. of iproniazid in mice (It) 37450

increased tox. in rats after adrenalectomy (It) 1947

*SERPASIL see* **RESERPINE**

**SERRATIA**

Coley toxin in ther. of leukemia, clin. & exper. evaluation (Ger) 51835

marcescens, freeze-dried by continuous vacuum sublimation method, survival during storage 25161

marcescens preserv. by freeze-drying, cell supernatant Naylor-Smith solution & salts of various acids as stabilizers 25159

marcescens, prod. of water-soluble diffusible pigment, analysis 19624

marcescens, surface characteristics of mutant colonies (Fr) 1420

*metabolism*

marcescens cultures, form. of 2, 3-butanediol, eff. of milk, phosphate & calcium carbonate 4348

marcescens, enzyme actions of component glucuronate isomerase 1718

marcescens, form. of 2,3-butanediol 47852

*SERTOLI CELL TUMOR see* **TESTES,** *neoplasms*

*SERUM see* **BLOOD SERUM**

**SERUM ALBUMIN**

abnorm. double albumin transmitted genetically 33049

binding of bilirubin, eff. of diazotization on bond 32221

competition with serum globulins for estradiol & sodium estrone sulfate 12497

defic., mechanism of regulation, determ. by electrophoresis of whole blood proteins (Ger) 6682

eff. of surg. (Sw) 45327

electrophoretic behavior in acidic medium 1657

Howe's albumin & true albumin in hypoalbuminemia, comparison 49990

immunochem. observations on intimate structure of human albumin 7167

interaction with acetamide in presence of bromophenol blue, electrophoresis 49297

pre-albumin in CSF, origination in neural parenchyma 15805

quantitative immunochem. measure of primary interaction between I-131 labeled bovine serum albumin & antibody 40943

radioiodine-labeled serum albumin in determ. of blood volume, appar. & technic (It) 29713

radioiodine-labeled serum albumin in determ. of pulm. blood volume & heart output, simultaneous use with dye dilution method (It) 29718

radioiodine labelled in determ. of cardioportal circ. time with external scintillation counting, technic 35677

relation to iodinated protein in hyperthyroid patients undergoing radioiodine ther. 52395

specific binding of L-tryptophan 40503

specific optical rotation & viscosity of native & denatured human & bovine albumins, pH dependence 25429

splitting electrophoretic pattern of serum albumin during short-term eff. of pepsin at room temperature 52424

*determination*

concentration in renal papilla of dogs 9580

pre-albumin, paper electrophoresis, review (Ger) 41730

salting-out technic, comparison with electrophoresis 17592

N-terminal amino acids of bovine serum albumin, characterization 13769

terminal amino acid residues in chicken, duck & turkey blood 13798

titration of bovine serum albumin in urea & formaldehyde solutions 26960

*effects*

insulin antag. in albumin fraction of plasma from uncontrolled insulin-requiring diabetics & normal subjects 6127

on protein excretion in nephrotic synd. (Ger) 19003

transform. of Diplococcus pneumoniae strains to streptomycin resist. 54389

*metabolism*

catabolism rates, eff. of level of dietary protein & triiodothyronine 4877

degradation by proteases from rabbit spleen extracts, ultracentrifugation of products (Fr) 26320

deiodization of radioiodine-labeled serum albumin injected directly into duodenum in dog (Fr) 48927

distribution & metab. in rabbits & in man, eff. of adrenal cortex hormones 4853

distribution in dog kidneys after intravenous admin., radioautographic determ. 15008

eff. of thyroxin on metab., tracer study in myxedematous patients 50457

Kupffer cell breakdown of radioiodine-labeled heat-denatured serum albumin in mice 14099

liver, catabolism in perfused rat liver 37054

mathematical approach to kinetics of metab. 50456

metab. of circulating albumin in healthy child., radioiodine study (It) 41903

pool masses, exchange rates & catabolic rates in normal & nephrotic subjects, comparative behavior of radioiodine-labeled & unlabeled albumin 32701

requirement in oxidative phosphorylation of insect flight musc. mitochondria 28276

turnover studies using radioiodine, methodol. 32702

*therapeutic use*

human serum albumin solutions, value in traum. shock, severe burns, nutrition disord., liver cirrhosis & ascitic cond. (Fr) 47325

liver cirrhosis, concentrated human albumin (It) 26626

nephrotic synd., concentrated human albumin 28966

## SERUM GLOBULIN

*see also* GAMMA GLOBULIN

*see also* PROPERDIN

ceruloplasmin, chem. & biochem. 53537

ceruloplasmin, localization of site of biosynthesis in rabbits by radiocopper (Ger) 34010

ceruloplasmin oxidative activity in rats, controlling factors 753

ceruloplasmin, relation to p-phenylenediamine oxidase in maternal blood in labor, in umbilical cord blood & amniotic fluid (It) 24960

ceruloplasmin, review (Fr) 21303

ceruloplasmin, separation & characterization 52286

competition with serum albumin for estradiol & sodium estrone sulfate 12497

cryoglobulin, comparison with cryogelproteins (Ger) 21641

21642

cryoglobulinemia, case report (Fr) 37861

determ. of glutamic oxalacetic transaminase activity (Pol) 38102

euglobulin complexing with factor V, factor VII or prothrombin causing interference with clotting mechanism 1148

euglobulin methods of estimating fibrinolytic activity, eff. of citrate 4885

β-globulins, abnorm. 6207

β-globulin polymorphism in Brit. cattle, genetics 7171

β-globulin polymorphism in cattle, sheep & goats 19590

β-globulins, review (Fr) 21261

β-globulin variants in man 7205

human permeability factor, eff. on capillary permeability of guinea pig skin 3051

human permeability factor, isolation & properties 3052

immunol. paralysis caused by β2-globulin defic. (Ger) 3371

α2-macroglobulin, prep. & chem. & phys. -chem. properties (Ger) 55557

macroglobulinemia, atypical, with plasma cell myeloma (Ger) 27190

macroglobulinemia in congen. syphilis (Ger) 18337

macroglobulinemia of Waldenström 11915

macroglobulinemia of Waldenström (It) 42602

marcroglobulinemia of Waldenström, analysis of proteins in serum, urine & CSF (Ger) 49132

macroglobulinemia of Waldenström, case report (Pol) 30750

macroglobulinemia of Waldenström, clin. aspects (Rus) 6038

macroglobulinemia of Waldenström, diag., manifest., review (Ger) 11028

macroglobulinemia of Waldenström, immunoelectrophoresis (Ger) 395

macroglobulinemia of Waldenström in lymphatic leukemia (Ger) 6670

macroglobulinemia of Waldenström, ocular manifest. (Fr) 24881

macroglobulinemia of Waldenström, pathol. anat. (Ger) 55651

macroglobulinemia of Waldenström, review (Cz) 48589

macroglobulinemia of Waldenström, review (Dut) 15793

43056

macroglobulinemia of Waldenström, review (Ger) 27393

macroglobulinemia of Waldenström, with cryoglobulinemia, ocular findings (Dut) 52486

macroglobulinemia of Waldenström with neurol. synd. (Fr) 2475

macroglobulinemia of Waldenstrom with peripheral neuritis (Fr) 2486

macroglobulinemia, review 55069

macroglobulinemia, starch electrophoresis of serum proteins (Fr) 44629

macroglobulinemia, types 52617

macroglobulinemia with anemia, eff. of prednisone on anemia, case report 37679

new β-globulin phenotypes in sheep 19652

phys. constants & amino end groups of abnorm. human serum globulins 40504

structure & immunol. significance (Ger) 39869

thyroxin-binding capacity, measurement by simplified technic 50418

*determination*

biuret method 46941

ceruloplasmin in normal subjects & homo- & heterozygote subjects for Wilson's dis. gene, electrophoresis (Fr) 21270

ceruloplasmin, rapid quantitative colorimetric determ. based on oxidase activity 38562

cryoglobulin, diag. value (Dut) 29976

eff. of ionic strength on relative mobility of abnorm. proteins 50718

electrophoresis, comparison with Weltmann reaction 38515

α2-globulin on starch gel 7134

in normal pregn. (Sp) 21103

transferrin, saponium precipitation & subsequent isolation (Fr) 26341

*effect of drugs on*

acetaldehyde & formaldehyde in rabbits on high cholesterol diet, comparison (Fr) 26319

*effects*

ceruloplasmin inhib. of 5-hydroxytryptamine action on rat uterus (Fr) 26745

comparative antithyroid eff. of serum globulins (Ger) 55454

induction of acquired tolerance to parabiotic union in rats 47576

inhib. of Lactobacillus acidophilus growth in mouth 40780

*in various diseases*

ceruloplasmin activity in schizophrenia in child. 30426

cryoglobulins assoc. with cold agglutinins in Raynaud's synd. 60

cryoglobulin form. with nonthrombopenic purpura with plasma cell myeloma (Fr) 51390

cryoglobulin in necrotic purpura with multiple myeloma (Fr) 2412

α- & β-globulin increases in exper. cadmium chloride pois. in rabbits (It) 37431

euglobulin in rheum. arthritis, agglut. of sensitized sheep erythrocytes & precipitation of colloidal benzoin in presence of normal gamma globulin (Fr) 35227

globulin-nucleohistone reaction in disseminating lupus erythematosus, determ. using fluorescent antibody 22913

hyperglobulinemic purpura in liver cirrhosis (Ger) 44938

hyperglobulinemic serum proteins in plasma cell myeloma, immunochem. relation to urinary Bence Jones proteins 26476

pathol. personality & schizophrenia, hyperalphaglobulinemia (Fr) 47419

plasma cell myeloma, heterogeneity of globulins 38525

rheum. arthritis, electrophoresis (Ger) 46190

specific globulin in disseminated lupus erythematosus, reaction with nuclei of tissue cells & leukocytes 37696

*SERUM PROTEINS see* BLOOD PROTEINS

*SERUM SICKNESS see* ALLERGY

*SERUMS see* IMMUNE SERUMS

## SESAMOID BONES

enlarged sesamoid bone of index finger, causing recur. locking of finger 16982

parasternal osseous form. as sesamoid bones of the costo-sternoclavicular joint (It) 42739

toe (Ger) 25352

*anatomy and histology*

evolution of sesamoid bones into traction epiphyses in birds & mammals 16792

*diseases*

arthrosis causing pain in sole of foot, x-ray diag. (Hun) 52914

*fractures*

of sesamoid bones of big toe (It) 21470

## SEWAGE

*see also* WATER POLLUTION

benzpyrenes in shale indust. (Rus) 3822

discharge in chem. indust. (Ser) 39710

irrigated sewage fields in No. W. Germany, hyg. & soil microbiol. (Ger) 36425

radioactive sewage contamination of water streams (Rus) 39609

removal of cyanides (Rus) 39587

treatment of cesspool water by intermittent sand filters (It) 1113

vitamin B12 in sewage sludges 54411

*microbiology*

determ. of fungi in sewage field with decomposition of organic material (Ger) 25229

Enterobacteriaceae, isolation (Ser) 39706

helminth eggs (Pol) 33741

helminth eggs in sewage & fields irrigated by sewage (Pol) 33723

helminths (Cz) 38161

## SEX CHARACTERISTICS

artif. induction of funct. sex-reversal in genotypic females of killifish Oryzias latipes 5069

comparative male & female personality traits 49773

control of sex in rabbit offspring by insemination of female with anode- or cathode-migrating spermatozoa 32361

cultural symbolism, eff. of age 40762

eff. of sex of donor & recipient mice on survival of tumor isografts & homografts 10486

eff. of sex on skin grafts within inbred strains of mice 10494

freemartin occurring spontaneously in double-yolked bird's egg (Fr) 36510

intersexuality, diag. & ther., review 7451

intersexuality, review 18668

masculinity & femininity, comparison of measurement by MF scale & index of MMPI 40710

neutrophil sexing in natural & artif. blood chimeras 3081

normal blood lipid partitions & normal blood protein fractions as a funct. of age & sex 46919

nuclear morphol. of polymorphonuclear leukocytes in relation to sex (It) 7729

psychol. importance of early determ. of true sex in male pseudohermaphroditism (Pol) 27610

sex-appropriate behavior of adolescents 5113

sex chromatin determ. by blood & vaginal smears, comparison (Sp) 7590

sex chromatin determ. by hematomorphol. tests in female pseudohermaphroditism without adrenal hypertrophy (It) 20217

sex chromatin determ. by oral, amniotic fluid & peripheral blood smears 4187

sex chromatin determ. by oral mucosal smears (Sp) 21165

sex chromatin determ., clin. value (Fr) 32010

sex chromatin determ. in 3446

sex chromatin determ. in assessment of fertility & intersex inf. 49512

sex chromatin determ. in breast cancer (Fr) 4824

sex chromatin determ. in normal tissues of patients with testicular tumors 32353

sex chromatin determ. in peripheral blood cells & bone marrow in child. (It) 30216

sex chromatin determ. in schizophrenia 41199

sex chromatin determ., microscopy 24887

sex chromatin determ. of sex (It) 31666

sex chromatin determ. of sex, review & exper. (Ger) 34430

sex chromatin determ., review (It) 8659

sex chromatin determ., technics & clin. value 38574

sex chromatin in fetuses of early abortion & tubal pregn. (Ger) 39546

sex chromatin in Klinefelter synd., determ. by blood exam. (Ger) 3988

sex chromatin in Klinefelter synd., discrepancy in correlation with genetic sex (Ger) 46601

sex chromatin in Klinefelter synd., ovarian dysgenesis & other endocrine dis. (Sp) 21185

sex chromatin in leukocytes (Ger) 19312

sex chromatin in leukocytes, determinants (Fr) 48875

sex chromatin in leukocytes of normal peripheral blood of young adults 507

sex chromatin in leukocytes of peripheral blood & oral mucosa (It) 42761

sex chromatin in medullary blood cells, frequency & value in sex determ. (It) 43472

sex chromatin in placenta & fetal membranes, distribution & structure, electron microscopy (Ger) 27701

sex chromatin in polymorphonuclear neutrophils of enriched blood smears 40677

sex chromatin in polymorphonuclear cells, sex determ. (Fr) 26838

sex chromatin in polymorphonuclear leukocytes (Ger) 42368

sex chromatin morphol. in smear of human oral mucosa 508

sex chromatin pattern in myotonia atrophica 41816

ex-chromatin pattern of testes in male sterility 49497

sex chromatin test in determ. of sex, review (It) 20231



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

sex chromatin variations in neutrophils in peripheral blood in pregn. women (Pol) 30384

sex determ. by buccal mucosal smears 18728

sex determ. by cell nucleus morphol. in Pelger's nuclear anomaly (Ger) 1787

sex determ. by morphol. of cell nucleus in aborted ova (Ger) 15448

sex determ. by umbilical blood smear in multiple pregn. (Ger) 22818

sex determ. from mucosal smears (Ger) 6098

sex determ. of placental septum by morphol. of cell nuclei 17843

sex determ. of tumor cells, value in determ. of type of hormone ther. in cancer 4531

sex determ., prenatal, by sex chromatin in fetal cells from amniotic fluid (Fr) 27712

sex determ., prenatal, methods, risks & value (Sp) 27586

sex determ., relation to hermaphroditism & gonad dystenesis (Fr) 29219

sex determ. with acetabulo-iachial index in cadaver torso (Ger) 27146

sex differences, biol. aspects (Ger) 53631

sex differences in antisteatotic eff. of various lipotropic drugs assoc. with thyroxin in exper. fatty liver in rats (It) 37321

sex differences in blood cholesterol levels in swine 44081

sex differences in blood iron & hemoglobin levels, causes (Dut) 45050

sex differences in blood potassium & blood sodium, statist. 4956

sex differences in eff. of strophanthin (Ger) 11249

sex differences in ethionine inhib. of protein biosynthesis in rat liver 4756

sex differences in fat & lipid content of sciatic nerve (Ger) 22941

sex differences in fibrin, fibrinolytic capacity & lipids, eff. of fats, castration & hormone implants & relation to pathogen. of coronary occlusion 15050

sex differences in histochem. of sciatic nerve (Ger) 22940

sex differences in incidence of acrodynia & hyperthyroidism, comparison (Pol) 30858

sex differences in incidence of cardiovasc. dis. by age group, review 50163

sex differences in incidence of nephroptosis (Ger) 15355

sex differences in mongoloid child. & inf. (Cz) 38111

sex differences in performance pulse index (Ger) 11156

sex differences in radioactivity of brine shrimps cultured in radiophosphorus-treated sea water 52402

sex differences in rate of ring A reduction of $\Delta$4-3-ketosteroids in vitro by rat liver 39211

sex differences in strength of musc. after train. (Ger) 40178

sex differences in swimming speed of albino rats 40880

sex differences in swimming speed of albino rats, eff. of fatigue, practice, & drug eff. 40881

sex differences in urinary excretion of allotetrahydro-hydrocortisone, tetrahydrocortisone & tetrahydro-hydrocortisone 17045

sex differences in x-ray induced mutations 41825

sex differentiation in cell nuclei, eff. of ther. with sex hormones (Ger) 42329

sex factor in blood phospholipid levels 2885

sex factor in cardiovasc. dis. 10240

sex factor in develop. of subcutaneous abscess in rat (Fr)" 38770

sex factor in ethnocentrism in college students 5116

sex factor in protein-bound hexoses & glucosamine in blood of aged (Ger) 46069

sex factor in tissue incompatibility in transpl. (Fr) 53979

sex ratio among offspring of consanguineous marriages 544

sex ratio in hamsters, determ. before uterine implantation of embryos 29853

sex ratio in humans, analysis of Geissler's data 24969

sex ratio in relation to birth order & parental ages 541

sex reversal induced in female frog larvae by methimazole treatment 15580

sex role of an identical twin, psychoanalytic case report (Sp) 21247

sexual color-polymorphism in locust species (Ger) 34385

sexual dysmorphism, relation to sex chromatin (Por) 4361

sexual types of E. coli K12, genetic determ. (Fr) 3049

sexual variation in nuclear morphol. of neutrophil granulocytes in monkeys (Fr) 26818

sexually different biomorphosis as basis for sex differentiation pathol. (Ger) 39955

soc. sex roles in initial case work interview 19074

structure of zona glomerulosa of adrenal cortex as indication of sex variations in mice 47796

true chromatin-positive Klinefelter synd. in ment. defic. (Ger) 21609

variation in appearance, cholesterol concentration & weight of chicken aorta with age & sex 50583

**SEX EDUCATION**

*see also* **SOCIAL HYGIENE**

in Danish schools (Dan) 10615

in Switz. (Fr) 30976

of adolescents & parents (Fr) 31504

premarital instruction (Fr) 20820

prev. of excesses in sex activity (Fr) 31503

responsibility of parents, school & church (Sp) 3336

teaching problems 14237

**SEX HORMONES**

*see also* **ANDROGENS**

*see also* **ESTROGENS**

*see also* **GONADOTROPINS**

*see also* **PROGESTERONE**

*see also* **RELAXIN**

biochem. aspects (Sp) 21148

clin.-chem. aspects (Ger) 52225

newly detected steroids & esters, review (It) 6660

*effects*

inhib. of $\alpha$-ketoglutaric dehydrogenase, relation to structure of hormone (Fr) 38735

on autotranspl. of adrenal to portal circ. in male & female rat 39196

on continuous growth & calcification of rat incisors (It) 37148

on early develop. of right rudimentary ovary in left ovariectomized fowl 15593

on energy balance & body composition of castrated rats 46367

on energy prod. of cervical epithelium in exper. carcinoma in mice (Ger) 33981

on female bladder & its sphincter mechanism, in normal cond. & cystopathy 52830

on fertility of female rats 15608

on free-living phase of fertilized egg in female badger (Fr) 26673

on glutathione content of rat thymus (Ger) 29923

on growth & implantation of free tumor cells in ascites tumors in mice 48564

on hepatic succinic dehydrogenase in rats (It) 44282

on lipid metab. in calf aorta in vitro 15002

on maternal aggressivity in lactating rats 35369

on mating behavior, ovulation & pregn. in female rat 18609

on pathogen. of exper. diabetes in rats (Rus) 31155

on prednisolone action on blood cholesterol (It) 9407

on protein, lipid & polysaccharide composition of dog aorta 35829

on tissue mast cells in exper. animals 15672

on uterine growth in mature & immature dogs 12754

on uterine motility in dogs in vitro & in vivo 12755

steroid hormones on skeletal musc. in vitamin E-defic. rabbits 40537

*in urine*

in cancer of cervix (It) 9399

*injurious effects*

sex offense after ther. use (Ger) 33850

*physiology*

androgen-estrogen balance in normal females, in menstruation disord. & in climacteric (Fr) 36062

bisexuality of females (Ger) 23224

in Stein-Leventhal synd. review (It) 39354

secretion in female, relation to asthma, physiopathol., review (Fr) 50553

*therapeutic use*

asthma, premenstrual tension & endocrine dis. (Fr) 49742

cancer of breast (Por) 18833

cardiovasc. dis. (Dan) 10612

eff. on sex characteristics of cell nuclei (Ger) 42329

enuresis with eunuchoidism (Ger) 19418

gyn. dis. (Rus) 12106

gyn. dis., errors & hazards (Ger) 15424

hypotonia, with DOCA (Ger) 29404

neurol. & ment. disord. (Ger) 42342

peripheral vasc. dis. (Dan) 10613

prostatic carcinoma, remote results 37662

sterility, male (Por) 53933

**SEXUAL BEHAVIOR**

*see also* **COITUS**

*see also* **FRIGIDITY**

*see also* **IMPOTENCE**

*see also* **MASTURBATION**

*see also* **PROSTITUTION**

aftereffects of copulation in male rat 4928

anaphrodisia, frigidity & apareunia in women (Sp) 32451

blood oxytocic activity in sheep before & after copulation 49276

castration complex & inferiority fantasies concerning penis size in males threatened with castration in childhood (Fin) 27280

diurnal periodicity in male rats, age differences 27564

eff. of adrenalectomy on female sexuality 50429

eff. of early avoidance train. & rearing cond. on sex behavior of male rat 50505

eff. of hypothalamic lesions on mating pattern of female rat 44965

eff. of sex hormones on mating behavior of female rat 15609

endocrine & neural factors in female cats (Ger) 3430

funct. sexuality in agerasia (Sp) 8726

histol. & physiol. of anterior pituitary gland of male & female toad during mating (Sp) 21215

hypererotism of psychopaths in marital life (Cz) 14865

immorality, role in spread of venereal dis. (Fr) 31502

of child. (Dut) 3757

of female pseudohermaphrodite, case reports (Cz) 38345

pioneering work of H. Havelock Ellis in sexual psychol. (It) 6962

precocious, attempted induction in male guinea pigs by testosterone propionate inject. 3413

premarital exam. & counseling for GP 16591

relation of sex to human evolution 45069

sex hyg. in "Regimen Sanitatis" (It) 8580

sexual tones in marriage of sterile & once-sterile female 45495

symbolic representation of sexual conflict in marriage 44229

undinism, case reports (Fr) 264

**SEXUAL DEVIATION**

*see also* **HOMOSEXUALITY**

anal granuloma inguinale in passive pederasts 48247

causes, prev. & ther. 51602

fetishism, Adlerian interpretation 20842

incest, hist. & sociol. factors (Ger) 15837

incest, soc. aspects (Ger) 49111

maternal narcissism, eff. on Oedipus complex 4929

nymphomania with psychomotor excitement, ther., pineal extract (It) 31696

sadism & masochism in artistic creation (Por) 42196

sexual attacks on child. & adolescents, psychol. study (Fr) 47435

sexual offences as seen by a woman police surgeon in Gt. Brit. 26137

sexual themes in daily press, eff. on child. & adolescents (Ger) 11154

transvestism, psychopathol. & ther. (Hun) 40053

transvestism, review 50913

*case reports*

delusional eroticism (Fr) 36142

pedophiliac perversion, psychoanalytic case report 50282

*diagnosis*

penile plethysmography, diag. value 31786

*etiology and pathogenesis*

exhibitionism after frontal lobe inj. (Ger) 25371

masochism, relation to interstitial cystitis 8425

sex offense after ther. use of sex hormones (Ger) 33850

transvestism, caused by Klinefelter synd. (Ger) 36491

*psychology*

fetishism, psychodynamics, psychoanalytic interpretation (Ger) 44195

narcissism, relation to super-ego in psychoanalytic ther. (Ger) 8375

*therapy*

psychoanalytic ther. of adolescents with perversions 44237

*SHAME see* **EMOTIONS**

*SHEEHAN'S SYNDROME see* **PITUITARY GLAND, *diseases***

**SHEEP**

bact. synthesis of butyric acid in rumen of sheep 4731

cellulose, pentosans & solids in digesta along sheep alimentary tract 37591

comparison of salivary secretion of both parotid glands in sheep 7185

digesta along sheep alimentary tract, omasal changes 37590

E. coli strains in young lambs, isolation 17105

eff. of various rations on number of free ruminal bact. 25163

electrical stimulation of abomasal nerve in sheep causing reflex inhib. of ruminal atrium, significance (It) 37318

funct. relation between reticulum & rumen in sheep (It) 37316

hemoglobin & blood potassium types in Brit. sheep, correlation with gene frequency 44038

hemoglobin & potassium blood types in some non-Brit. breeds of sheep & in certain rare Brit. breeds 7160

histochem. study of sheep uterus 12744

histol. & histochem. study of sheep ovaries 12743

importance of esophagus in coordinated activity of prestomach in sheep (It) 37317

innerv. of external genitalia of ram, anat. & physiol. studies 12741

lipolysis in rumen 42964

new β-globulin phenotypes in sheep 19652

nitrogenous cpds. in digesta along sheep alimentary tract 37592

schistosomus reflexus, case report 4615

total & non-protein nitrogen of digesta along sheep alimentary tract 37588

urine volume & acidity after feeding on silica-rich hay 29646

volatile fatty acids & lignin of digesta along sheep alimentary tract 37589

***diseases***

abortion caused by psittacosis-lymphogranuloma virus 4648

anaplasmosis with chronic copper pois. in sheep in Wyoming 4634

anemia in fetal lambs 15652

atresia ani vaginalis, case reports 50288

babesiasis in Ruanda-Urundi (Fr) 36194

copper pois., chronic, pathogen. & ther. 4633

Cystocaulus acreatus lung infect. in Poland (Pol) 33721

Dictyocaulus infect. (Pol) 33720

enzootic ataxia caused by cooper defic. 4640

facial eczema dis. caused by hepatotoxin from Sporidesmium bakeri 52382

Haemonchus contortus infect., morphol. study of isolated worms 12742

helminthiasis of lung, eff. of phenothiazine on fecal larvae excretion (Pol) 33722

hypomagnesemia & lactation tetany, balance exper. 37595

infect. enterotoxemia caused by Clostridium perfringens type A 4619

myiasis caused by Melophagus ovinus, dissemination potential 30368

myiasis caused by Melophagus ovinus, keds acquired by lamb from its mother 30369

nematode infect., gastrointestinal, ther., hygromycin, failure 40416

nematode infect. increase post-parturient 30359

nematode infect., relation to flock behavior of sheep 30360

nematode infect., ther., copper & nicotine sulfate mixture & phenothiazine 30358

persistence of genital Vibrio infect. after outbreak of vibrionic abortion in herd 12745

pneumonia in California, isolation of pleuropneumonia-like organism & large-sized virus 15339

pregn. toxemia, etiol. relation of fetal drain of hexose, review 15237

protozoan Globidium gilruthi infect. in digestive tract in Egypt 30363

Q fever, epidemiol. in Arizona 4650

Q fever, vacc. (Rus) 34636

reprod. disord. of ewe lambs grazed on red clover pastures 19677

ruminal parakeratosis caused by pelleted feeds, review 20017

ruminocolic fistula in ewe 40417

swaytack 30706

viral keratoconjunctivitis (Fr) 37780

Visna of CNS, clin. & histopathol. aspects 14100

***SHELLFISH*** ***see*** CRUSTACEA

***SHELLFISH*** ***see*** MOLLUSCA

SHIGELLA

bacteriophage, adsorption, phage-resist. & antigenic properties (Rus) 55804

detection of various objects with phage titer growth (Rus) 55827

flexneri 2B endotoxin, chem. composition 4345

flexneri extracts, serol. specificity & cross-reactivity of 14097

in feces, isolation & culture medium (Ser) 10922

isolation from various sources (Ser) 39706

isolation in gallbladder in cholelithiasis (Ger) 22928

newcastle, gas-forming strains (Rus) 11502

sonnei endotoxins, adsorption by activated attapulgite, clin. applications 4562

sonnei, phage typing of Berlin strains (Ger) 46265

sp. n. (Rus) 55844

toxin, eff. of intracerebral admin. (Cz) 38230

***culture***

efficiency of selective & differential media, comparison (Ger) 25239

in feces, differentiation from Salmonella (Pol) 31531

***effect of drugs on***

antibiotics, adaptation rate & degree (Rus) 55837

antibiotics, sensitivity patterns 17601

flexneri strains resistant to common antibiotics 1279

***effect of radiations on***

flexneri injury by x-irradiation in presence of dissolved oxygen 20925

***immunology***

antigen, eff. on epinephrine secretion & phagocytosis (Ger) 24312

antigenic changes in Shigella flexneri group by bacteriophage 4343

flexneri, antigenic variations in relation to classif. 17403

flexneri 2 a (W) antigens, similarity with Salmonella antigens (Tur) 45433

flexneri, fimbrial antigens 17390

flexneri, relation between antigenic structure & phage sensitivity of various strains 23777

heat-labile antigens of Shigella boydi 32281

mechanism of indirect hemagglut., demonstration of sensitizing & inhib. antigens 32296

***infections***

***see also*** DYSENTERY, BACILLARY

causing appendicitis in Indians 4200

exper. demonstration of keratoconjunctival factor of Shigella by conjunctival inoculation in guinea pigs & rabbits (Fr) 47397

exper. keratoconjunctivitis, eff. of chlortetracycline & streptomycin (Rus) 36400

exper. keratoconjunctivitis in guinea pigs, eff. of antibiotics 23769

gastroenteritis in child., ther., antibiotics 45065

in Australia 42120

in child 50702

newcastle, eff. of vacc. & drug ther. on blood proteins in animals (Rus) 55840

ther., kanamycin 25021

SHIGELLA DYSENTERIAE

river pollution, epidemiol. significance (Rus) 49795

toxin, eff. on ATPase activity of brain, liver & spleen in mice 36569

toxin, eff. on NS in dogs (Rus) 25740

***effect of drugs on***

antibiotic & sulfonamide sensitivity (Pol) 29515

antibiotics, resist. in combined eff. of various drugs (Rus) 11472

SHIPS

***see also*** SUBMARINES

antibiotic & sulfonamide ther. of venereal dis. aboard Swedish merchant marine ships, hazards of treatment by non-med. personnel (Sw) 22136

as working places (Sw) 45052

atmospheric environment between decks of warship 41425

blood transfusion aboard commercial ships (Dut) 29959

diag. & ther. of cardiovasc. emergencies by ship doctor (Fr) 31946

engine-room personnel, hearing disord. caused by noise of engines (Fr) 13069

freon bactericidal aerosols for ships (Rus) 22624

fumigation in control of transm. of infect. gastrointestinal dis. by Phyllodromia germanica (Pol) 33814

noise & vibrations in machine compartments of merchant marine ships (Fr) 54028

roentgenol. appar. & technics aboard naval vessels (Fr) 54032

ship pharmacy equipment, storage (Sw) 54799

shipwrecks, med. aspects, review (Dan) 19137

SHOCK

13307

bact. factor in traum. shock, review 52636

fatal cold water shock, pathogen. & physiopathol. (Fr) 36205

modern view of shock in traumatol. (Hun) 52923

review (Ger) 18935

surg., diag. & progn. in GP (Dan) 18585

surg., theory (Rus) 45660

***complications***

emotional shock precipitating death in angina pectoris (Rus) 33261

***diagnosis***

unreliability of pulse as criteria of shock in Oriental patients 36998

***etiology and pathogenesis***

acute idiopathic pericarditis, case report 13162

bacteremia due to Pseudomonas infect. in pregn. 24513

blood transfusion, intramedullary inject., case report (Fr) 19353

burns, determ. of body fluids by pyrographic slide rule (Ger) 11373

cardiovasc. origin 17672

coronary occlusion, ther. 21803

coronary thrombosis, arterenol 33399

gentian violet & methyl green solutions, local applications causing cyanosis & cardiovasc. circ. collapse (Fr) 41949

insulin shock 19920

myocardial infarct., mechanism & ther., review 53572

myocardial infarct, progn. & ther. (Fr) 1464

pituitrin, case report 38049

postop. in surg. of ovarian cancer, prolonged arterenol ther. 24496

septicemia, manifest. & ther. 11780

traum., host resist. to bact. infect., review 25987

traum., review (Ger) 27376

***experimental***

blood potassium changes after traum. shock, protective eff. of chlorpromazine & reserpine in rats (It) 37457

bowel occlusion in rats, influence of various agents on survival & biochem. changes 2059

cardiogenic, produced by constriction of pulm. artery in acute open-chest exper. 54592

circ. shock induced by blood of land snail Helix pomatia in exper. animals, relation to kallikrein & trypsin inhib. by snail blood (Ger) 29912

distribution of sodium & potassium ions during ischemic shock in rats (Fr) 40880

eff. of ACTH & dextran on shock caused by lung inj. in rabbits (Rus) 51169

eff. of adrenalectomy on hemorrh. shock in male rabbit (Pol) 7776

eff. of arterenol on pressure flow-strength relations of ascending aorta in oligemic shock in cats (Ger) 11240

eff. of chlorpromazine on renal funct. & hemodynamics in hemorrh. shock in dogs 54688

eff. of chlorpromazine on survival time & mesenteric blood flow in dogs 47586

eff. of dibenamine on kidney funct. in ischemic shock in dogs 24028

eff. of environmental temperature on shock caused by limb ischemia from exper. clamping in rats 48457

eff. of enzymes in glycolytic cycle (It) 3869

eff. of formaldehyde-, heat- & peptone-shock on mast cells of mesentery & omentum of rats (Ger) 35021

eff. of histamine-liberator 48/80 after previous admin. of serotonin & antihistaminics in guinea pigs & rats (Ger) 12191

eff. of hypothermia & chlorpromazine on blood volume in hemorrhagic shock 35936

eff. of intra-arterial & intravenous infusions on circ. in hemorrh. shock in dogs (Ger) 11205

eff. of isolated perfusion of head with normal blood on develop. of ischemic & hemorrhagic shock in dogs 24028

eff. of isolated perfusion of head with normal blood on kidney funct. in hemorrhagic shock in dogs 24030

eff. of limb ischemia on blood sugar & glycogen metab. in rats 37569

eff. of organ shock in lymphatic circ. of liver in dogs, isotope study (Ger) 23745

eff. of organic & inorganic sodium solutions in burn shock in mice 20759

eff. of potassium & magnesium salts of DL-aspartic acid on hyperammoniemia in hemorrh. shock in rabbits (Fr) 38737

eff. of previous exposure to cold on shock caused by limb ischemia in rats 40462

eff. of somatotropin (It) 36816

eff. of thyrotropic hormone on shock induced by burns (It) 6807

eff. of traum. shock on liver funct. in goats 54693

eff. of various ther. methods 2625

eff. on ureters (Pol) 24063

gastrointestinal absorp. of E coli endotoxin in hemorrh. shock in dogs 4875

hemostatic breakdown in course of exper. hemorrh. shock in rabbits, nature & mechanism 50455

in heterologous blood transfusion, etiol. role of vasc. receptors & CNS, review (Pol) 32178

induced by citrates, cardiovasc. system changes in dogs (Rus) 52979

inhib. of tween shock in dogs by flavonoids 15720

intestinal factor in irreversible endotoxin shock 13310

isolation of toxic factor from blood in hemorrhagic shock 31424

lymph flow in hemorrhagic, thermal & tourniquet shock in dogs 35360

mechanism of adaptation to shock induced by distilled water 3499

microcirc. disord. & fatal outcome, review 25986

physiol. & emergency ther. of wound shock in mice, review 44984

prolongation of survival time in hemorrh. shock in absence of blood or fluid transfusions in dog 38411

protective eff. of chlorpromazine & perphenazine in dogs & rats, comparison 31330

protective eff. of lysozyme in guinea pig, histol. (It) 6813

reactions of adrenals & thymus to trauma in rats resistant to Noble-Collip drum 48447

resynthesis of phosphocreatine in brain after electric stimulation of brain of rats in shock 24037

standardization & mechanism of cardiac arrest 4676

total peripheral resist. in standard shock 4677

venous blood pH changes (Fr) 48892

*in infant and child*

caused by burns & inj., fluid ther., review 53003

in severe diarrhea, ther., intravenous prednisolone (It) 42780

ther., fractionated human blood protein solution plasmanate for severe shock states, intravenous admin. 14540

*in pregnancy*

caused by spinal anesth. in cesarean section 12887

septic shock with Clostridium perfringens bacteremia & hemorrh., case report 52603

*manifestations*

clin. & humoral manifest. in chronic shock (It) 26588

endocrine & metab. abnorm. (Sp) 44559

*physiology*

adrenal cortical funct. & hydrocortisone metab. in shock due to infect., comparison with health adults 40696

autonomic NS, review (Pol) 24050

eff. of autonomic drugs on urine secretion in surg. shock (Ger) 29019

intravasc. hemopoiesis in renal medulla in shock, postmortem study 5655

parasympathetic nervous system, compensatory funct. (Pol) 24051

review (Pol) 24049

*prevention and control*

by presoparesis, block of pressor responses, technic (It) 42479

heptaminol prev. of shock during electroshock ther., myelography & ventriculography (Fr) 1005

in gyn. surg., review (It) 53688

1, 1, 1-trifluoro-2-bromo-2-chloroethane prev. of surg. shock 14048

*surgery*

shock in severe indust. inj. & war wds. 50802

*therapy*

anesth. in surg. shock (Rus) 18194

arterenol, intravenous, eff. on irreversible shock (It) 6875

artif. hibernation (Dan) 22425

artif. hibernation in prev. & ther. of surg. & traum. shock (Rus) 18186

blood transfusions in severe inj. (Rus) 44019

blood transfusion, intra-arterial, in severe shock in human & animal subjects (Rus) 41525

blood transfusion, whole blood, plasma & plasma volume expanders in hemorrhagic shock 54777

drug ther. of shock accompanying myocardial infarct, AMA council report 4539

epinephrine in anesth. shock (Fr) 418

human serum albumin solutions, value in traum. shock (Fr) 47325

in abdom. lesions caused by closed inj. (It) 21432

in burns 10278

in mass casualties, civil defense train. (Nor) 22240

of hemorrh., surg. & traum. shock (Sp) 39117

phentolamine in adrenal shock in pheochromocytoma, intravenous admin. 3339

special antishock fluid in trauma (Rus) 18221

surg. shock, review (Fin) 27293

sympathomimetics (Fr) 15193

traum. & acute circ. collapse (Ger) 11129

## SHOCK THERAPY

induced by RP 7843 (Fr) 47458

pentylenetetrazole & other sarcostimulation, technic & indic. 47179

pentylenetetrazole-induced, use of 5-allyl-5-isobutyl-2-thiobarbituric acid (Por) 8751

subconvulsive metrazol shock ther. with alternate sarcosis & CNS stimulation, technic & results 39155

*complications*

psychomotor disord., pathogen. (It) 27673

*effects*

on memory, status 1 week after ther. 46707

*in various diseases*

atropine coma in ment. disord. 12619

indic. in ment. disord. with arteriosclerosis (Tur) 55083

## SHOCK THERAPY, ELECTRIC

*see also* ELECTRONARCOSIS

adjuvant heptaminol (Fr) 1005

adjuvant hexobarbital, pathophysiol. & ther. aspects (Ger) 35387

adjuvant hydroxydione succinate anesth. (Fr) 36139

adjuvant meprobamate 17566

adjuvant parasympatholytics, eff. on cardiac vagus 37959

adjuvant succinylcholine (Hun) 40050

adjuvant succinylcholine (It) 35012

adjuvant, trichloroethylene (Fr) 11986

after aortic homograft, indic. 12624

anesth. 47313

capillary resist. in (Fr) 26989

comparison with value of chemical tranquillizers & energizers 49198

eff. of diethazine on EEG & behavior of patients at various stages of electroshock ther. 76

indic. & management of shock ther. of cardiac patients 3189

post-shock CSF, anti-anaphylactic & anti-allergic properties (It) 44347

present-day technic 50835

relative effectiveness of phys. & physiol. components 47176

technic of modifying convulsions 771

variations & modifications 15564

*complications*

crush synd. 12595

fract., reduced by adjuvant thiopental-succinylcholine anesth. 3389

nausea & vomiting in ment. patients, ther., diphenydramine HCl 12599

peptic ulcer perf., case report 18759

*effects*

biochem. & hematol. eff. in schizophrenia patients 40074

on blood coagulation (It) 16025

on blood glutamic-oxalacetic & glutamic-pyruvic transaminases (It) 2498

on blood 17-hydroxycorticosteroid levels 35141

on blood osmotic pressure & blood potassium & sodium levels in rabbits (Fr) 32925

on blood protein & cholesterol levels in rabbits (Fr) 32926

on glucose tolerance in man 16299

on hearing (It) 54279

on hydroxyindolacetic acid in urine (Ger) 46088

on psychomotor speed & distraction effect in depressed psychiatric patients 17734

on serotonin & tyramine in blood (Ger) 46091

on urinary amino acids in man 16298

on urinary epinephrine 5467

on urinary epinephrine & arterenol 27019

*in various diseases*

anorexia nervosa, serial electroshocks (Hun) 40047

encopresis & enuresis in child, lumbosacral contact (Sp) 21138

enuresis, suprapubic electric shock (Sp) 8875

intractable pain 34894

ment. disord. 19931

ment. disord., evaluation 17049

ment. disord. in aged 49777

monopolar electrocerebral ther. in ment. disord. 15569

multipolar electrocoma ther. in ment. disord. 15568

pain 48273

regressive EST in schizophrenia, alone & with group psychother., comparison with chlorpromazine alone & with group psychother. 12597

regressive shock ther. technic in schizophrenia 7467

retinal detachment, indic. & contraindic. 3392

schizophrenia & endogenous depression, eff. of hexobarbital anesth. on blood sugar (Ger) 27017

schizophrenia, comparison with chlorpromazine & insulin shock ther. 17755

schizophrenia, eff. on psychol. test performance, comparison with chlorpromazine & insulin shock ther. 17756

## SHOCK THERAPY, INSULIN

adjuvant hyaluronidase 50843

methacholine reaction indices as prognosticators for ther. 50444

potentiation of insulin by hyaluronidase & carbutamide (Fr) 36118

termination of coma by glucagon 15575

*complications*

prolonged coma of 20 days, successful termination & follow-up 47184

*effects*

on blood cholesterol 71

on blood glutamic-oxalacetic & glutamic-pyruvic transaminases (It) 2498

on intraocular & retinal artery pressures (Fr) 14506

*experimental*

eff. of glucose on protracted insulin coma in rats (Cz) 2753

*in various diseases*

coronary insuff. in neurocirc. asthenia (It) 15248

deep & subcoma, psychol. eff. in psychotics 17787

schizophrenia, adjuvant hyaluronidase (Ger) 22769

schizophrenia, admin. of zinc insulin suspensions 39367

schizophrenia, comparison with chlorpromazine & electroshock ther. 17755

schizophrenia, eff. on blood cholesterol (Rus) 46299

schizophrenia, eff. on EEG (Rus) 46298

schizophrenia, eff. on psychol. test performance, comparison with electroshock ther. & chlorpromazine 17756

schizophrenia, eff. on retinal blood pressure (Rus) 46297

schizophrenia, in assoc. with drugs with opposing action (Rus) 46300

schizophrenia in child. (Fr) 34141

schizophrenia, vitamin C requirement in (Ser) 30092

schizophrenia, with reinforcing drugs (Rus) 46301

## SHOES

chrome-tanned shoe leather causing contact dermatitis 11578

contour molded shoe of conventional appearance 16742

corrective shoes for pes planus, definition & anatomical relation of shoe & foot flare 16736

deformities caused by improper shoes & description of correct shoe (Fr) 38785

fitting, heel-to-ball & ball-to heel measurements of foot 16735

foot forms & foot disord. among non-shoe & shoe-wearing Chinese population 16973

hazards of indiscriminate use of moulded shoes 16733

insole for funct. foot disord. 20555

office fabrication of moulded shoe 16741

relation of poor shoes to flatfoot (Ger) 51713

shoe-fitting fluoroscopes, outlawing in Pennsylvania 12225

shoe indust. responsibilities in youth foot-health fitness program in U. S. 16737

shoe ther. & compensatory balancing in foot abnorm. in child. 16734

shoe ther. in various foot disord., ripple sole shoe alterations 16738

simple device for testing conductivity of shoes worn in operating rooms to reduce explosive hazards 35983

thermal properties, determ. technic (Rus) 3835

*SHORT-WAVE THERAPY see* DIATHERMY

## SHOULDER

*see also* SCAPULA

position sense in human shoulder, contribution of tactile, musculotendinous & joint receptors 28555

position sense in human shoulder in frontal plane, analysis 28554

*anatomy and histology*

articular surface area of shoulder joint 23572

*diseases*

asymmetry, with precocious loss of teeth in Italian basket makers (It) 3597

calcific bursitis, x-ray ther. (Rus) 54559

capsulitis, post-traum. frozen shoulder, rheum. arthritis & pain synd. in hemiplegia, measurement of joint mobility (Fr) 21412

cervicobrachial pain, eff. on ECG during hyperextension & traction (It) 8665

frozen shoulder, exercise ther., technics of early mobilization 14556

frozen shoulder, ther., thiocolchicoside (Por) 42192

juvenile metaphysial osteodystrophy or aseptic necrosis, case reports (It) 42742

necrotizing & calcifying bursitis, tendinitis & peritendinitis, surg. with x-ray ther. (Sw) 19941

neuromusc. disord., diag. value of electromyography 40760

ossification, relation to congen. hip disloc. (Cz) 11844

pain, anatomopathol. aspects (Ger) 19334

pain, case reports (Ser) 9957

pain, etiol. of acute & chronic pains 50222

pain in quadriplegia, causes 32534

pain, intra-articular hydrocortisone ther. (Sp) 21177

pain of neurol. etiol. 50220

pain of visceral etiol. 50221

pain, pathol. & anat. findings (Ger) 34255

pain, phys. ther. 50223

pain, ther., phenylbutazone (Por) 16140

painful arc synd., surg., acromiectomy (Sp) 31806

painful cervico-scapulo-brachial synd. in coronaritis (Fr) 53380

painful shoulder synd., two new x-ray signs (Sp) 25941

periarthritis (Pol) 38463

periarthritis (Por) 51642

periarthritis, psychosomatic origin (Fr) 9510

periarthritis, ther., local $\alpha$-chymotrypsin (Sp) 8886

posttraum. myositis ossificans (Ger) 55733

rhinomelic pseudopolyarthritis (Fr) 54456

scapulohumeral periarthritis, phys. ther. (Fr) 14375

scapulohumeral periarthritis with giant subacromiodeltoid bursitis in octogenarian, ther., thromboplastin after failure of steroids (Fr) 44717

shoulder-arm synd., diag. & basic concepts of ther. 50219

shoulder-hand synd., etiol. (Ger) 4048
shoulder-hand synd. following myocardial infarct, review 29272
shoulder-hand synd., review 29271
shoulder-hand synd., sympt. & ther., comparison with Sudeck's atrophy 31278
shoulder-hand synd., ther., chiropractic, unexpected eff. (Ger) 38681
ther., intra-articular & peri-articular inject. of placental juice (It) 36787
total ossification of coraco-acromial-clavicular ligaments (It) 21471

*dislocation*

acromioclavicular, suspension case for 50203
fixation, anesth. (Rus) 41559
habitual, surg., Eden's operation, postop. lung perf. by bone graft causing hemoptysis (Ger) 54945
in hemiplegia 52678
posterior, case reports (It) 36789
posterior disloc 4953
primary, clin. picture & ther. (Rus) 53855
recur. anterior disloc., rehabil. after surg. reconstruction 36291
recur. anterior disloc., surg., quadruplasty technic 25687
recur. anterior disloc., ther. (Fr) 42000
recur., surg. (Fr) 6304
recur., surg. (It) 9422
19260
recur., surg., coracoid preglenoid arthroereisis, technic (Fr) 6303
recur., surg., Nicola technic, case report (Fr) 6298
recur., surg., osteoplastic arthroereisis (Fr) 51377
recur., surg. using Hybinette technic (Fr) 51378
reduction, method (Rus) 52867
rehabil. following surg. repair 20363

*innervation*

nerves of musc. of shoulder girdle (Rus) 13573

*muscles and tendons*

posttraum. paralysis of serratus anterior (It) 21466
supraspinatus tendinitis, case reports 50621

*neoplasms*

melanotic progonoma in inf. 14747
surg., interscapulo-thoracic amputation (Ger) 11421
surg., partial axillo-brachial resection (Bul) 41576
surg., radical transthoracic forequarter amputation 13323

*wounds and injuries*

accid., diag., ther. & medicolegal aspects 47287
birth inj., surg. (Sp) 30996
incapacitating inj. (Sp) 38500

*SHRIMPS see* CRUSTACEA

*SHWARTZMAN PHENOMENON see* ALLERGY

*SICK AND WOUNDED see* WOUNDED AND SICK

*SICKLE CELL TRAIT see* ANEMIA, SICKLE CELL

*SICKNESS INSURANCE see* HEALTH INSURANCE

SIDEROSIS

*see also* HEMOSIDEROSIS

CNS, marginal zones (Ger) 39039

*etiology and pathogenesis*

blood transfusions 51030

*experimental*

nutritional siderosis induced by defective mealy-meal diet in rats, mechanism & theory 6199

*metabolism*

iron & iron-containing enzymes, review 30234

*SIGMOID see* COLON

SIGMOIDOSCOPY

*apparatus and instruments*

sigmoidoscope for teaching purposes 47144

*in various diseases*

diag. value 39462
rectosigmoidoscopy in sigmoid cancer (It) 25632

SILICA

reaction of silicates with edathamil 52387
silica dust concentration in brick manufacturing plants, determ. 46884

*effects*

on oxidative phosphorylation (Ger) 49910
silica-rich hay on urine volume & acidity in sheep 29846
soluble, on metab. of rat-tissue prep. 13699
synthetic amorphous silica suspension on blood platelets after intravenous inject. in rats 46610
tridymite, intravenous inject. in rabbits causing increased antibody prod. (It) 51652

*injurious effects*

induction of exper. granulomas in rats, anti-inflamm. eff. of various drugs (Fr) 47740
local & general synd. following high intraperitoneal doses in guinea pigs (Fr) 36104
silicotic granuloma in old tattoos caused by brick dust (Fr) 37869

*metabolism*

excretion in urine & feces after admin. to guinea pigs 48459

SILICON

silicon carbide workers, clin. exam. (Cz) 30951
silicon-labiline ointment, protective & ther. value in skin dis. acting without interference with biol. processes (Ger) 11176

*determination*

sodium silicofluoride, colorimetric determ. in raticides (Rus) 3816

*effects*

asbestos activating coagulation factor VII in bovine blood 2547
organic silane chlorides, on rabbit eyes (Rus) 39590
organo-silicon cpds., protective eff. on histamine-induced gastric ulcers in guinea pigs (Fr) 26674

*metabolism*

arterial wall content in etiol. of atherosclerosis, correlation of silicon decrease with increase in calcium content (Fr) 26849

SILICONES

aortic valve prosth. with silicone rubber, technic 18123
silicone rubber material for extra-oral prosth. 17221
silicone rubber, sanit. aspects (Rus) 3834
treatment of hematol. tubes, eff. on clotting time of blood 16847

SILICOSIS

as a pub. health problem in U. S. 8454
causes & frequency in indust. (Rus) 3833
disability evaluation, autopsy verification of life-time diag. for disability income (It) 252
etiol. relation to rheum. arthritis (Ger) 11299
in apyrous-ceramic indust. (Rus) 10581
in cement workers, incidence in Canavese region of Italy & case reports (It) 9333
in ceramic indust. workers (It) 39531
workmen's compensation in, in France (Fr) 9330

*blood in*

C-reactive protein in silicosis & silicotuberc., diag. & differ. diag. value (It) 27464
C-reactive protein, Middlebrook-Dubos reaction & sedimentation rate in silicosis & silicotuberc. (It) 39361
copper content (Fr) 47760
silicotuberc., differ. diag. of active from inactive forms, polarographic blood reaction (Ger) 35601
tributyrinase in silicosis & silicotuberc. (It) 39360

*case reports*

anthracosilicosis, atypical case of solitary nodule 5870
in brown coal stoker (Ger) 15386
silicotuberc., isolation of atypical M. tuberc. in miners (Fr) 24124
unilateral nodular, pathogen. (Fr) 28370
with lung cancer, pathol. & x-ray aspects (It) 9342
with rheum. arthritis, pathol. (Ger) 39855

*complications*

aseptic cavitation of pseudotumors in anthracosilicosis, clin. & x-ray manifest. review (Fr) 50554
calcifications in miners, case reports (Cz) 30943
calcifications, pathol. (Cz) 30942
dermo-osteopathies, case reports (Fr) 5328
diminution of work capacity, medicolegal evaluation by resp. funct. tests (It) 21464
rheum. arthritis, case report (Cz) 30950
superinduced pulm. tuberc. & lung cancer with silicotic tumoral masses, x-ray differ. diag. (Fr) 43737
tuberc. bronchial lymph gland fistula (Fr) 32061
tuberc., pulm., comparative results of med. & combined med.-surg. ther. 12785
tuberc., pulm., evolution (It) 10531

*diagnosis*

pulm. biopsy, value (Fr) 53235
x-ray diag. in miners in Morocco, technical problems (Fr) 6352

*differential diagnosis*

lung biopsy (Ger) 15385
pulm. tuberc. & silicotuberc. (Ger) 34357
silicotuberc., value of scalenus lymph node biopsy (Sw) 10170

*epidemiology*

silicosis & silicotuberc., in Yugosl. (Ser) 25720

*etiology and pathogenesis*

classif. as collagen dis. (Ger) 25188
metals & other inorganic elements in anthraco-silicosis, intradermal tests 41003
pathogen. mechanisms of neuro-ergonal system (Fr) 13471
severe, due to simultaneous inhalation of quartz & gypsum dust. (Ger) 15384
short exposure to silica dust (Ger) 22348

*experimental*

blood proteins, cholesterol & sugar, in dogs (Fr) 47756
eff. of collagen in rats (Ger) 25183
eff. of succinic acid on pulm. oxygen consumption (Rus) 33564
induction by quartz inject., antibody form. in rabbits (Ger) 34063
morphogenesis of silicotic nodules in lungs, in rats 11601
pathogen. of pulm. emphysema in rats (Ger) 24910
prod. in guinea pigs, method & x-ray verification (Ger) 25257
silicogenic tissue reaction in rabbits (Ger) 25824
silicotic granuloma, acid phosphatase & succinic dehydrogenase activity in rabbits, histochem. determ. (Fr) 26763
silicotic granuloma, leukocyte motility & phagocytic power in, eff. of various pharmacodynamic agents (Fr) 21294
study by diffusion-chamber technic in mice & guinea-pigs 17900

*immunology*

immunol. origin of hyaline stage corresponding to antigen-antibody precipitation, hypotheses 40112

*manifestations*

biochem. & clin. pathol. of preradiol. stage in gold miners 48202
cardiovasc. system, ECG manifest. (Fr) 43745
early x-ray manifest. in silicotuberc. (It) 44316

*pathology*

anodular, interstitial fibrous evolution (It) 51651
fatal develop., case reports (Fr) 6353
fibrosis & RE hyperplasia of mediastinal lymph nodes (Pol) 7769
lymph node biopsy, Daniels' method (Ger) 25181
pulm. elasticity changes, determ. by relaxation pressure curves (It) 42231
radioactivity of isolated dusts from lungs (Ger) 25830
upper resp. tract (Fr) 41145

*physiology*

hemodynamic changes in phys. stress (Rus) 33256
pulm. funct. tests, physiopathol. & medicolegal factors (Fr) 6348
pulm. funct. test, spirography, value in diag. & disability evaluation (Fr) 239
pulm. venous admixture in silicosis & silicotuberc. (It) 42230
resp. dead space & alveolar ventilation (It) 42229
right ventric. overload during work, ECG comparison with normal subjects (It) 42231

*prevention and control*

aerosols (Ger) 39064
conimetric & granulometric determ. of dust hazards in pumice-stone indust. in Italy (It) 346
in miners in Morocco (Fr) 6351

*statistics*

in E. Germany (Ger) 38913
in foundry workers (Ger) 23099
in iron ore roasters (Ger) 25821
in miners in Morocco (Fr) 6350
in workers of shale product indust. (Rus) 33324
incidence in coal miners of left Lower Rhine, Germany (Ger) 25822

*surgery*

pulm. resection in atypical cases, indic. & results (Fr) 21402

*therapy*

(It) 43342
oxygen ther. in advanced cases (It) 3593
review (It) 26637
silico-tuberc. in coal miners, clin. study & review (Fr) 43783

SILVER

lymph node metallophilia, antigen-stimulation to nuclear type of staining 23468

*determination*

in various colloidal & non-colloidal prep., photometry (Ger) 20328

*injurious effects*

argyria in photochem. indust. workers (Ger) 51250
argyria of cornea after silver ther. (Fr) 26358

*therapeutic use*

bis-(p-3-thymoldiazo-phenyl) sulfone & its distilver salt in pulm. tuberc., with isoniazid (Fr) 15961

SILVER NITRATE

*effects*

on conjunctiva & microbial flora of conjunctival sac in newborn (Cz) 38307

on dental pulp & dentin in man, histol. 16528

*therapeutic use*

ophthalmia neonatorum prev. 30435

replacement with sulfathiazole in Credé's method for prev. of ophthalmia neonatorum (Pol) 27591

SIMMONDS' DISEASE

*case reports*

(Fr) 5327

post-traum. case with generalized skin atrophy, flexion contracture of musc. & Alzheimer's lesions, clin. & postmortem pathol. (Fr) 54105

with diabetes insipidus, postmortem pathol. findings 132

*complications*

tuberc. (Fr) 54471

*etiology and pathogenesis*

brain inj. (Ger) 49040

*metabolism*

sodium & water metab., control 566

*psychology*

(It) 8653

psychopathol. (Ger) 27485

SINUS THROMBOSIS

*case reports*

acute thrombophlebitis, mechanism of septic emboli in (Fr) 1013

cavernous sinus thrombosis 46488

puerperal (Ger) 27698

superior longitudinal (Sp) 21189

superior sagittal, in puerperium, diag. & ther. (Ger) 23795

thrombophlebitis with purulent meningoencephalitis caused by dent. abscess (Fr) 54120

unusual case (Hun) 3650

*pathology*

residual cerebral lesions after thrombosis of superior longitudinal sinus 37818

*therapy*

bishydroxycoumarin in thrombosis of otogenic origin (Rus) 45724

management of thrombophlebitis of transverse sinus (Pol) 30322

*SINUSES, PARANASAL see* PARANASAL SINUSES

*SINUSES, VENOUS see* VEINS, CRANIAL SINUSES

SINUSITIS

*see also* KARTAGENER TRIAD

614

barotraum. in aviators, relation to nasopharyngitis & noise (Fr, Dut) 46555

diag. & ther. 42154

*complications*

asthma 50008

asthma, surg. (Ger) 12200

frontal sinusitis causing cerebral edema, case report (Fr) 54113

incidence of hypothyroidism in sinusitis in Filipinos 7988

meningitis (Ser) 45902

Reiter's dis. in chronic bilateral maxillary sinusitis, case report (Ger) 23039

*diagnosis*

stratigraphy in maxillary sinusitis, cooperation between otolaryngologist & pneumologist (Cz) 14840

*differential diagnosis*

reactions from indelible lipstick resembling subacute sinusitis 33670

*etiology and pathogenesis*

frontal & ethmoid, caused by influenza (Ger) 23029

resp. tract allergy, antibiotic ther., review 12774

*in infant and child*

(Fr) 41140

ethmoid sinusitis 45091

maxillary (Pol) 30326

maxillary, diag. & ther. (Fr) 3153

maxillary, with & without subacute & chronic bronchitis, x-ray manifest. (Fr) 23932

maxillary, with osteomyelitis of frontal bone, case report (Sp) 44418

penicillin, streptomycin & sulfacetamide, admin., inverted Valsalva displacement method (Sp) 49148

ther., Proetz technic (Sp) 44414

unrecognized chronic maxillary sinusitis with hypertrophy of Waldeyer's ring (Fr) 23899

*manifestations*

orbital apex synd. 13284

pain, diag. value (Sp) 9713

*pathology*

pathol. anat. (Fr) 31935

*physiology*

relation of maxillary sinusitis to lower nasal hyperpatency & clinicoradiol. data for vasodilative & secretory nasal ther. (It) 42600

*surgery*

(Sp) 46667

frontal sinusitis 11730

*therapy*

antibiotic local ther., using permanent catheter (It) 30335

chloramphenicol glycinate in paranasal sinusitis, aerosol admin. (It) 30355

1,4-dimethyl-7-isopropylazulene solution lavage in maxillary sinusitis (It) 42751

management of allergic sinusitis 11716

mineral water, indic., mechanism of action & results (Fr) 44680

SITUS INVERSUS

*see also* KARTAGENER TRIAD

*case reports*

complete, of viscera, ballistocardiography (Rus) 18312

complete situs inversus viscerum with diverticulum of stomach (Rus) 5999

in one of monozygotic twins (Fr) 5128

totalis, with complex cardiovasc. anomalies 12217

with bundle-branch block (Fr) 36679

*complications*

congen. heart defect (Rus) 55270

*heredity*

genetics in siblings 48147

SJOEGREN SYNDROME

*blood in*

proteins (Ger) 8093

protein determ. (Hun) 29155

*case reports*

50619

(Fr) 54458

*etiology and pathogenesis*

relation to morphol. changes of salivary glands in various exper. avitaminoses in guinea pigs (It) 13496

*immunology*

antibodies to extracts of lacrimal & salivary glands 18407

*pathology*

relation to Mikulicz' dis. (Ch) 38383

SKELETON

blood typing of skeletal material of prehistoric Amer. Indians, method for reducing non-specific reactions 725

coefficients of correlation for weights & linear dimensions of bones of human skeletons from Asia 46895

determ. of length of time of burial by ultraviolet rays (Ger) 27130

estimation of dry skeletal weight by photometry of x-rays 16267

gross anat. of seal skeleton 20113

separation of commingled skeletal remains by short-wave ultraviolet rays for medicolegal identification 11531

variations in wild populations of mice, genetic significance 40784

*abnormalities*

develop. of brachyury & anury in mice 4987

SKIN

*see also* PALLOR

*see also* PIGMENTATION

*see also* SCALP

accid. massive covering of body with tar (Rus) 43390

histamine wheal test, eff. of oscillometer test in determ. of peripheral blood circ. 43618

hyg. & cosmetol. products & procedures (It) 39801

patch-tests in determ. of tuberculin reaction, comparison of Swedish with Danish ointment (Fin) 54645

patch-test in differ. diag. of beryllosis 46405

46406

skin antiseptics 41802

skin care in winter (Ger) 49075

skin fragments removed by inject. needles, clin. implications 28964

skin-marking technic for patch testing & other purposes 46395

tests, intracutaneous & provocative, technic (Sw) 54801

wrinkles, cosmetic prev. & ther. (Fr) 3156

*abnormalities*

dysplasia with keratoses & pigment disord. in brothers (Ger) 4001

*abscess*

exper. prod. of changes in blood glycoproteins in rabbits & rats (Fr) 3040

*anatomy and histology*

chromaffin cells (Ger) 46644

collagen & elastic tissues, morphol. 14085

electron microscopy (Ger) 46646

fine structure of zones of cells in human epidermis, electron microscopy 16945

follicle arrangement in wild & primitive domestic sheep, comparison with parchment 19513

intranuclear granules of epidermal cells of newborn rats, electron microscopy (Fr) 36733

luminous organs in teleost fish, histochem. analysis (Fr) 38707

melanocyte of human epidermis, electron microscopy after osmium tetroxide & potassium permanganate fixation 40578

monocytic round cells of rete mucosum (Ger) 33532

prickle cell structure in epidermis during mitosis (It) 37425

typol. & skin surface structure in relief designs (Ger) 36431

*blood supply*

arteriolar changes in peripheral vasc. dis., histopathol. (It) 39680

arteriolitis, allergic (Ger) 49845

capillaroscopy in hypertension & hypotension (Rus) 18289

capillary pathol. in pigmented purpura 23362

circ., continuous determ. with half conduction resist. (Ger) 11225

circ. in mature & premature newborn inf., eff. of environmental temperature 30575

circ., relation to thermoregulation in mature & premature inf. (Ger) 25192

30503

cutaneous vasc. bed during & after hemorrh. in dogs (Cz) 48605

eff. of heat & exper. fever on tonus stability of arterial network (Rus) 7806

eff. of human serum globulin factor on capillary permeability of guinea pig skin 2051

fine structure of small vessels of normal human dermis & subcutis 12208

in lymphatic & myelocytic leukemia (Ger) 3208

ischemic & hyperemic reactions as manifest. in epinephrine, neurovasc. reactivity test (Bul) 32764

perop. & postop. blood pressure in skin capillaries (Pol) 30788

regulation of systemic vasomotor reactions, review (Pol) 30744

vasomotor regulation, relation to chromaffin cells (Fr) 51382

*cysts*

milia, removal with special small knives 11584

*effect of drugs on*

aminopterin & nitrogen mustard on mitosis in mouse ear epidermis in vitro 27421

arterenol inject. causing necrosis in rabbits, comparison with m-norsynephrine (Ger) 35953

benzopyrene & methylcholanthrene on disulfide bonds of mouse epidermis 17525

bishydroxycoumarin causing hemorrh. skin necrosis (Dan) 43243

β-butoxyethyl-nicotinic acid with nonylic acid vanillamide on skin temperature in ther. of pain (Fr) 10665

cortisone & estradiol on spreading reaction 23992

dinitrochlorobenzene, potentiation by BCG vacc. in guinea pigs (Ger) 15271

4,6-dinitro-o-cresol, on frog skin resp. in vitro, comparison with skins of other animals (Ger) 30549

epoxy resins, irritating & sensitizing eff. 4

Fraxinus caucasicus, on skin & skin nerve supply (Rus) 3574

hypertonic solutions of calcium, potassium & sodium chlorides on frogs 40104

iodine solution, reactivity of site of application (Rus) 33287

mitotic reactions of epidermis of guinea pig nipple during repeated application of various substances (Fr) 15667

nickel & chromium salts 23378

ointment bases on permeability to ions (Hun) 37226

potassium strophanthin & potassium strophanthoside, depolarizing action on isolated frog skin 49339

prednisone & prednisolone causing hemorrh. 43164

reactions to chem. irritants, measurement by trypan blue & skin-twitch tests 55000

reptile skin as endocrine test object (Ger) 49282

reserpine on allergic skin reactions (Fr) 26779

subcutaneous tissue reactions to local inject. of drugs (It) 47303

sulfhydryl cpds. causing sensitization in humans & guinea pigs 28442

synthetic detergents (Pol) 44189

vitamin A, specificity of response of mouse epidermis 41006

*effect of radiations on*

adhesive decontamination (Ger) 10007

beta ray induction of skin lesions in rats, prev. eff. of hypoxia, cysteine, nitrite & organ homogenates 8520

expert testimony (Ger) 22895

fractionated beta rays on rat skin 8534

problems in radiocobalt gamma irradiation of skin (Fr) 13120

proton radiation on normal skin in rabbit ears 35484

radiation inj. (Rus) 45059

radiation inj., ther. (Ger) 32668

radiodermatitis caused by prolonged fluoroscopy (Por) 50076

radiophosphorus, eff. of amobarbital & diphenhydramine on reactivity in rabbits (Rus) 10806

radiother. induced lesions in cancer of various organs, prev. by Aloe (Rus) 10794

radiother. of cancer inducing secondary lesions (Ger) 32651

soft x-rays, determ. of glycoproteins in blood & blister fluid (Ger) 39807

ultraviolet irradiation inducing vitamin D form. in isolated human skin, determ. of maximum amount formed per unit area (Ger) 46578

ultraviolet light, eff. of corticosteroids in rheum. arthritis 36292

ultraviolet rays on reduction of methemoglobin applied to pig skin (Ger) 43008

ultraviolet rays, relation of dos. to histopathol. responses of nerve fibers (Rus) 22500

x-rays causing lesions, protective eff. of cortisone in rats (It) 9940

x-rays on rat skin after treatment with cortisone, testosterone or vitamin A (Ger) 45843

x-ray, reactivity of autonomic NS (Ger) 3999

***embryology***

chondrogenesis in vitro from embryonal skin of mice (Fr) 26866

histogenesis (Rus) 33285

histogenesis in chick embryo (Rus) 33284

keratinization 41009

***fistula***

congen. dermal sinus, x-ray diag. & ther. (Fr) 17987

pre-auricular-cutaneous fistula (Sp) 35538

uterocutaneous, after multiple myomectomies, case report 7618

***foreign bodies***

cutaneous foreign body reactions simulating other dermatoses 52759

***gangrene***

in child, classif. & ther. 44065

multiple necroses with hypoproteinemia, in aged woman 37556

multiple symmetric necrosis with hyperergic panvasculitis (Ger) 25297

necrosis after femoral arteriography 47599

necrosis in Henoch's nonthrombopenic purpura (Ger) 42876

necrosis in inf., case reports (Fr) 53028

necrosis, subcutaneous in newborn 17853

progressive gangrene caused by infected surg. wound, surg. (Dut) 7291

***in various diseases***

autonomic dysfunct. of urogenital system (Ger) 46859

color & temperature in acrodynia in child. (It) 42767

conjunctival pemphigus 23872

gastrointestinal hemorrh. caused by rare dis. 10427

Klippel-Trenaunay's & Recklinghausen's dis., skin discoloration 12042

mongolism (Ger) 11238

periarteritis nodosa (Fr) 32037

sarcoidosis, ther. with vitamin C (Fr) 2417

striking skin changes in primary systematized amyloidosis 48183

visceral cancer 19881

***innervation***

autonomic (Ger) 46624

autonomic, anat. & histol. review (Ger) 46625

autonomic contingent of derma & various annexa in skin of guinea pig fetuses (It) 37523

autonomic end-formations in multiple sclerosis (Ger) 46657

autonomic end-formation, pathol., review (Ger) 46649

autonomic, histochem., review (Ger) 46642

46643

46645

autonomic, histol. of reticulum & macula (Ger) 46625

autonomic, in domestic mammals (Ger) 46627

autonomic innerv. of apocrine glands of skin (Ger) 46633

autonomic, of epidermis & cutis, review (Ger) 46623

autonomic, pharmacol., review (Ger) 46634

autonomic, physiol., review (Ger) 46633

autonomic reactions in internal dis. (Ger) 46650

autonomic receptors in glomangioma (Ger) 46658

chronaxic excitability of receptors in chronic pyoderma (Rus) 55194

chronaxy of sensitivity to electric stimulation & current intensity, clin. aspects & role in stimulation physiol. (Ger) 27158

conduction velocity in intracutaneous nerve fibers of frog 50069

convergence within pathways to cat's somatic sensory cortex activated by mechanical stimulation of skin 41341

dermatome reactions in internal dis. (Ger) 46651

efferent nerve impulses in dorsocutaneous nerves induced by cutaneous stimulation in frog 39369

Meissner's corpuscles, histochem. (Ger) 46647

pathol. in rheum. fever (Rus) 20274

patterns in human hand 478

relation of dermal thermoreceptors to thermogenesis in rats (Ger) 46638

segmental, in cervical-shoulder-arm area (Ger) 19758

sensory endings in skin of cat 28306

sensory nerve endings, histol. (Ger) 46626

specialized sensory nerve-endings of human genital skin, localization of non-specific cholinesterase in 2045

structural changes in acute radiation sickness (Rus) 51769

thermoreceptors of facial skin, electrophysiol., review (Ger) 35395

unmedullated nerve fibers with afferent function, correlation with morphol., electron microscopy 15680

***metabolism***

acid substances in normal skin, demonstration by Alcian blue 5223

amino acids (Rus) 33570

arginase activity of normal & pathol. human skin 20440

ATPase activity during exper. inflamm. in rats (It) 1898

cholesterol synthesis in vitro, influence of thyroid 41348

1,2,5,6-dibenzanthracene deriv., relation of chem. structure to binding of proteins in skin, radiocarbon determ. 26462

electrolytes, eff. of temperature on isolated frog skin 50567

electrolytes in tuberc. & heart, kidney & endocrine dis. (It) 19234

epidermal intercellular space, histochem. & biochem. in normal & pathol. cond. (Ger) 25293

A2-esterase of rat-skin acetone powder, demonstration & activity 13797

β-glucuronidase, demonstration on surface (Ger) 41738

hexosamine & water content, eff. of cortisone & estradiol 23992

histamine content, eff. of x-irradiation in rabbits (Fr) 3118

histamine, relation to hair growth in guinea pigs & rats (Ger) 4266

histamine, relation to transm. of pain & inflamm. processes (Ger) 46637

lipids of human epidermis, chem. composition 50651

nucleic acids, eff. of protein defic. (Fr) 26882

oxygen consumption of skin in exper. inj. in rats (Fr) 7758

plutonium deposition, radioautographic analysis 35465

polysaccharide levels in exper. lathyrism 24828

proteins, in exper. vitamin B6 defic. (Rus) 22654

protein sulfhydryl groups, eff. of anthracene, 1,2,5,6-dibenzanthracene & 9,10-dimethyl-1,2-benzanthracene in mice 5220

sodium loss from skin of dehydrated toad 52353

sodium transport in frog, eff. of aldosterone (Fr) 3043

vitamin C content of normal epidermis 50642

***microbiology***

importance of water in promoting bact. multiplication on cornified epithelium 5217

passage of bacteriophage particles through intact skin of mice 9581

penetration of microorganisms (Rus) 48043

***pathology***

biopsy in diag. of inflamm. breast carcinoma, value in prev. of unwarranted surg. 12851

eff. of electric burns 20

in defic. of essential fatty acids, review 14197

in Erysipelothrix rhusiopathiae infect. in porpoise 28192

in periarteritis nodosa, case report 13633

infiltration of tumor cells from stomach cancer into lymph vessels simulating terminal emboli (Ger) 49010

lupus-erythematosus-like changes in dwarfism (Ger) 25296

peri-petechial histol. in hemorrh. diathesis (Ger) 10329

petechiae in fatal cases of coronary artery dis. 4882

stalagmocytes of human epidermis (Ger) 46635

striation as manifest. of cholesteatoma of middle ear (Ger) 35293

trophic changes after electrocoagulation of Gasserian ganglion in trigeminal neuralgia (Ger) 3996

***physiology***

absorp. of drugs from various types of vehicles, comparison 5759

absorp. of various substances, relation to nature of vehicle 2810

allergic reactions, failure of locally applied corticosteroids to prevent them (Fr) 3432

apparent resist. in funct. of time (Fr) 26908

bactericidal properties (Rus) 22499

conductance, relation to IQ in ment. defic. 603

correlation of skin resist. & potential 50490

daily variations of response to pain & pressure stimuli (Ger) 25365

dermal barrier test with saline solutions & hyaluronidase in collagen dis. 36304

eff. of contact with carbon black, exper. study 23384

eff. of inhib. of cholinesterase on perception of tactile sensation in human volar skin 17528

eff. of inj. & intradermal admin. of bacilli on exper. anthrax (Pol) 29505

eff. of ozokerite after local x-irradiation (Rus) 48044

eff. of removal of dorsal skin surface on thyroid funct. in rat 35800

eff. of subcutaneous emphysema as prolonged skin stimulus on leukocyte count in rabbits (Ger) 27448

electrical conductivity of skin (Ger) 46641

electrical resist. in different types of paralysis (Ger) 35261

electrodermal reflex for detection of simulated & exaggerated deafness in disability evaluation (Fr) 21258

elimination of calcium in sweat, eff. of age (Fr) 26798

fluorescent mast cell reaction in precancerous skin of lizard 19681

galvanic skin resist. reflex, eff. of various auditory stimuli on 20660

hemorrhagic response to bact. endotoxin inject. in mice 31321

immediate reactions induced by antigen-antibody interaction 8332

in mice living in environment of -3°C., comparison with mice at higher temperature 53695

induced histamine release, eff. on local anaphylactic reactions (Fr) 33525

inhib. of intradermal spread of india ink by murine endometrial secretions 44109

isopropyl methylfluorophosphate penetration into skin of rabbits, measurement of rate 28438

lepromin-like reaction of normal skin tissue 18569

location & re-form. of epithelial barrier to water vapor 23360

mechanical properties of strips of human abdom. skin excised from below & above the umbilicus, comparison 38858

natural defenses of skin & their preserv. (Fr) 20666

pain threshold, individual variability & variation of values in deep & surface pain (Ger) 33940

passage of colloidal mercuric sulfide particles across capillary wall in skin of mice, eff. of histamine 53697

passive cutaneous anaphylaxis, mechanism & value as an immunol. tool, review 44384

permeability of dermal connective tissue, eff. of various proteins (It) 36705

poisonous secretion in toad Bufo mauritanicus, chem. comparison with parotid secretions (Ger) 30595

projection tests, diag. value in focal infect. (Ger) 18913

redox potential, significance (Ger) 25291

regen. as in animals (Rus) 33266

resist. to strains of Brucella & to their antibiotic-resist. mutants in rabbits (It) 16016

resist. to weak electric currents, review (Ger) 3984

role of corium in ion transport across isolated frog skin 4810

secretion of olfactory substance, attraction eff. on Aedes aegypti (Ger) 11304

sensitivity to electrical pulse stimuli 17082

skin protein binding of 2,4-dinitrochlorobenzene in exper. contact dermatitis in guinea pigs 28320

stimulation with cantharide plaster in various dis. (Ger) 3220

surface reflection factors in excised pig skin 46365

symbiosis among different skin elements, relation to normal & abnorm. growth 38859

tolerance of various insulin prep. in normal & diabetic subjects (Ger) 3272

transport of sodium through isolated frog skin, eff. of adrenal cortex hormones & k-strophanthoside (Ger) 27842

***surgery***

abrasion (Por) 8737

abrasion, indic. (Ger) 4004

abrasive planning, postop. control of small vessel bleeding 34858

dermoabrasive, indic. & method (It) 29696

plastic, indic. & technics (Fr) 54137

plastic, primary closure of defects without grafting, materials & technic 20383

***wounds and injuries***

causing ulceration, late malignant degen. (Ger) 52206

surg., abrasive technics for traum. scars 18648



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

ther., chlorophyll, in extensive inj. (Ger) 42319

## SKIN DISEASES

*see also* ACNE

*see also* DERMATITIS

*see also* ECZEMA

*see also* ERYTHEMA

*see also* FUNGUS DISEASES

*see also* KERATOSIS

*see also* LICHEN

*see also* LUPUS ERYTHEMATOSUS, DISCOID

*see also* PEMPHIGUS

*see also* PSORIASIS

atrophy blanche (Ger) 15289

bromoderma tuberosum (Ger) 3219

dermatosis papulosa nigra in Africa (Fr) 14442

diag. & ther. problems 11559

dyschromia of neck skin, etiol. & ther. (Ger) 27118

eczematoid microbids, classif. on basis of etiol. & pathogen. (Ger) 24914

etiol. & ther., review 18708

expert testimony (Ger) 22976

Hartnup dis. (Ger) 28943

histoplasmosis, review (Rus) 45639

idiopathic linear atrophy, medicolegal significance (Por) 3700

in adolescents & young adults, sociomed. aspects (Dan) 25827

in rice cleaners & transplanters, pathogen., parasitol. & medicolegal aspects (It) 8612

in twins (Ger) 34207

leukodermia, pathogen. & ther. (Ger) 49842

lymphadenosis cutis benigna of ear lobe, relation to erythema chronicum migrans, penicillin ther. (Ger) 3987

most common dermatoses today & 25 years ago, comparison 46587

occup., caused by formol & deriv., in indust. workers (Fr) 47765

occup., expert testimony (Ger) 43834
43836

occup., in Italian workers, incidence, ther. & compensation (It) 9337

occup., insurance aspects (Ger) 43835

occup., medicolegal aspects, AMA council report 16618

occup., prev. (Fr) 47759

para-anal lesions, classif. 45080

pub. health aspects 44258

recur. & prolonged dermatoses in indust. workers, etiol. & case reports 11608

review (Fr) 39495

review (Ger) 19377

trophic & autonomic disord. of extremities in arteriosclerosis, electromyography (Ger) 46640

uncommon aspects of common skin dis. 42148

xanthosis diabetic (Ger) 22858

### *blood in*

antistreptolysin titer before & after ther. (It) 9288

immuno-electrophoretic analysis (Fr) 2421

lipids in cutaneous xanthoma 11

proteases (Ger) 13196

protein changes, electrophoresis, comparison of collagenosis & other dis. (Sp) 21168

### *case reports*

14060 14082 26022 48176

amyloidosis, generalized primary (Rus) 21901

amyloidosis, unusual maculate form (Fr) 37868

cutaneous atrophy & depressions caused by subcutaneous introduction of numerous sewing needles in ment. patient 26

dermatofibrosis lenticularis disseminata with osteopoikilosis (Dut) 52482

generalized atrophy in Simmond's dis., clin. & postmortem pathol. (Fr) 54105

melanoderma in vagrants, relation to adrenal insuff. (Fr) 2397

miliary pseudo-colloid tumors of face, appearing in site of burn (It) 6827

multiple pyogenic granuloma 26027

neurogenic bullous dystrophy (Rus) 22512

nodular elastoidosis with cysts & comedos (It) 19172

pachyperiosteoderma (Ger) 376

pachyperiosteoderma with gastrointestinal hypertrophy (Cz) 48655

periarteritis nodosa of skin & internal organs (Fr) 36523

pustular bacterid (Fr) 37894

pustulosis, recur. (Fr) 31059
37885

reticulohistiocytosis 48179

strongyloidiasis caused by Strongyloides ransomi, westeri & papillosus larvae (Rus) 18877

toxic epidermal necrolysis 3050

unusual skin lesions in agranulocytosis, case report (Pol) 20469

varioliform pustulosis caused by virus of herpes type (Fr) 2411

### *diagnosis*

cytodiag. in bullous dermatoses (Sp) 31009

x-ray diag., radiation protection (Ger) 22980

### *differential diagnosis*

common non-mycotic skin dis. from skin reactions in fungus dis. (Fr) 981

epidemic exanthema from erythema infectiosum (Ger) 51784

hypodermic infect., various types (Dut) 47917

subcorneal pustular dermatosis simulating dermatitis herpetiformis, case reports 11573
11574

### *epidemiology*

bullous exanthem in Central Europe (Dut) 52530

fungus dis. in Amsterdam (Dut) 7329

### *etiology and pathogenesis*

allergic dermatosis caused by zinc chloride in metal worker (Fr) 47767

allergic manifest. in intervertebral disk displacement (Cs) 38396

allergic reaction to drugs 20490

allergic reactions to drugs (Ger) 20600

allergy (Ger) 55481

artif. fertilizers & insecticides, prev. (Ger) 55586

atrophic striae as manifest. of Cushing synd. (Ger) 49009

caused by invertebrates, review (Ger) 15276

caused by self-mutilation (Ger) 39850

chlorpromazine (Dut) 29955

corna cutaneum caused by x-ray & sunlight ther. of lupus (Ger) 39396

drug eruptions, ther. 43719

dysmenorrhea, ther., agnus castus extract (Ger) 23212

eczema, erythema & urticaria & burns caused by fuels of turbojet aircraft (Fr) 46562

endocrine disord. (Fr) 19345

fluoride pois. from drinking water (Ger) 39799
39800

iodides causing recur. ulcerative & carbuncular skin reaction, case report 15

malnutrition (Sp) 3683

micrococcal infect., bacteriol. principles & unusual case reports 19

mold sensitivity causing inflamm. & psoriasis (Fr) 15201

perlon clothing, prev. aspects of laundering (Ger) 22993

psychosomatic, diag. & ther. 39434

psychosomatic dis. (Ger) 46656

psychosomatic factors, review (Ger) 49837

radiodermatitis of hand in physicians after x-ray exposure (Cs) 21543

radiother. causing atypical allergic reaction (It) 29606

radium & x-ray irradiation (Ser) 10920

radium ther. of hemangioma (Ser) 6631

relation of autonomic NS (Ger) 46652

relation to diet 2624

rose thorns (Ger) 22991

ultrasonics (It) 31656

unidentified larvae of myiasis-producing fly causing chronic migrating subcutaneous eosinophilic granuloma 5180

### *experimental*

acanthosis, eff. of hydrocortisone & prednisolone in guinea pigs (Ger) 27111

isotope determ. of role of lymphatic system in pathogen. in rabbits (Rus) 45635

### *in aged*

dermatogeriatric serv. in a resident hosp. 19911

### *in infant and child*

exanthema caused by cortisone & prednisone ther. of chickenpox, case report (Ger) 25289

fungus dis., ther., local pentachlorophenol (Rus) 13883

in child. of Hosp. Infantil de México, statist. (Sp) 37260

in premature inf., with eosinophilia (Fr) 30480

moniliasis 26654
28586

necrotic lesions, erythema & urticaria in chronic ulcerative colitis 35352

nocardial granuloma, ther., sulfadiazine 43510

perinatal dis., influence on inf. mortal. in Hungary (Hun) 30035

photodermatosis, severe hemorrh., in 7-year old Korean girl, ther., artif. hibernation (Ger) 13087

prev. & ther. in Russia (Rus) 22511

skin autonomic & RE funct. & edematization in allergic skin dis. (Pol) 20230

staphylodermia in newborn (Rus) 22490

staphylodermias with staphylococcal pyelonephritis (Ger) 34106

ther., adrenal cortex hormones (Sw) 45355

ther., baths with colloidal oatmeal powder impregnated by emollient oils 38858

ther., desoxycorticosterone glucoside & ethinyl estradiol-methyltestosterone prep. (Ger) 38855

ther., nystatin & undecylenic acid in mycotic skin dis. (Fr) 25489

ther., ointment base pasta cordes containing titanium dioxide instead of zinc oxide (Ger) 42353

vesiculobullous dermatoses, diag. (Fr) 27489

### *in pregnancy*

8978

review 13318

### *metabolism*

aldolase in blood & blister fluid (Ger) 3220

arginase activity of pathol. human skin 28440

free amino acids in blood & blister fluid (It) 3804

lactic dehydrogenase in blood & blister fluid (Ger) 3225

tissue iron content determ. by iron loading tests (Hun) 13681

vitamin B6, determ. by tryptophan-xanthurenic acid test (Ger) 6084

### *microbiology*

pleuropneumonia-like organism (Ger) 25290

### *pathology*

basement membrane in bullous skin dis. (Fr) 36514

blood cells in squamae, secretions & pus from skin dis., staining artefacts caused by detergent-stain mixtures (Fr) 32191

bullous dis., histopath. (Dut) 47919

lymphadenosis benigna cutis, relation to lymphocytic infiltration of skin 23701

nonacantholytic bullous dermatosis in multiple myeloma 2

x-ray findings (Ger) 25300

### *physiology*

circ. requirement (Ger) 3217

eff. of local cooling on cutaneous blood flow in erythrocyanotic patients 48184

hemagglut. factor in saliva, etiol. relationship (It) 6822

increased insensible water loss, ther., vasopressin, antidiuretic mechanism of action (Sp) 8609

liver (It) 42702

oscillometry in occup. skin dis. (Hun) 13680

porphyria cutanea tarda, renal porphyrin excretion & creatinine clearance (Ger) 11184

redox potential, significance (Ger) 25291

### *prevention and control*

in Albania (Rus) 22509

in Russia, educ. programs (Rus) 22510

physician's responsibility 17722

### *statistics*

of oil miners in Bulgaria (Bul) 16412

seasonal distribution (Ger) 49007

### *therapy*

10354

ACTH & cortisone (Heb) 27771
39779

ACTH, site & mechanism of action (Sp) 8687

adrenal cortex hormones (Ger) 39803
42360

adrenal cortex hormones, contra-indic. (Sw) 33135

adrenal cortex hormones, indic. 46596

adrenal cortex hormones, topical & systemic admin. 20512

alkali-free soap (Ger) 22990

antibiotics & adrenal cortex hormones (Ger) 39083

antibiotics, immune sera & sulfonamides (Sp) 21249

antibiotics in micrococcal infect., resist. & sensitivity 2868

antibiotics, indic. 14070

antibiotics, indic. & compl. 54513

antibiotics, research on actions (Fr) 2430

ascorbic palmitate (Fr) 37865

azulenes, topical, value (It) 20971

bacitracin-fludrocortisone-neomycin ointment (Ger) 51862

bact. infect., topical nitrofurazone, effectiveness & incidence of hypersensitivity reactions 40320

balneol. 24717

biogenic stimulators (Rus) 45874

bovine embryo skin zoografts as temporary biol. dressings 30662

chloroquine (Bul) 45302

chloroquine-hydroxychloroquine-quinacrine prep. in light sensitive eruptions 14404

cod liver hollandex silicone ointment 17675

cortisone (Ger) 22772

covatin in skin dis. with emotional stress & tension manifest. 52703

criticism (Ger) 22804

decamethylene bis-4-aminoquinaldinium in skin infect. 14227

1-dehydro-16α-hydroxyfludrocortisone 10262 14711 36338 45802

1-dehydro-16α-hydroxy-fludrocortisone (Sp) 43902

diet & vitamins (Ger) 34047

diets in total ther. (Ger) 19380

N,N-diisopropyl-dichloroacetamide & octamethylpangamic acid, clin. evaluation of vitamin B15-like eff. (It) 20973

dimethyl-dodecyl-phenoxyethyl ammonium-iodochlorhydroxyquin-tripelennamine prep. (Sp) 53354

dispensary serv., results (Rus) 55201

fludrocortisone-gramicidin-neomycin ointment 38838

fludrocortisone, hydrocortisone & prednisolone in inflamm. dis., topical admin. & comparison by double-blind paired-comparison method 11564

9α-fluoro-16α, 17α-isopropylidene-dioxy-1, 4-pregnadiene-11β, 21-diol-3, 20-dione, topical admin. 11587

41001

gauze gloves for wet-compress ther. 24

glycyrrhetinic acid 33702

glycyrrhetinic acid ther. of inflamm. skin dis., comparison with hydrocortisone 37554

health resorts, Chatel-Guyon in France, indic. (Fr) 28491

hydro- & balneother. (Ger) 3990

hydrocortamate ointment, alone & with neomycin 50237

hydrocortisone lotion (Ger) 11233

hydrocortisone ointment (Den) 41954

hydrocortisone, topical admin. in fat-free powder suspension (Ger) 49008

hydrocortisone with bromobenzyl-α-pyridyl-diethylenediamine-maleinate (Ger) 3222

hydrocortisone with iodochlorhydroxyquin, topical admin. in foot dis. 4572

induction of peeling of skin, indic. & methods (It) 42558

iodochlorhydroxyquin 36336

iodochlorhydroxyquin-hydrocortisone cream 33908

liquid nitrogen (Dut) 43034

low-voltage x-ray ther. (Sp) 31813

management of antibiotic-resist. micrococcal infect. 38832

management of perianal dis. 3379

meprobamate adjuvant, statist. (Fr) 6385

meprobamate & prednisolone (Fr) 9512

6-methylprednisolone & 1-dehydro-16α-hydroxyfludrocortisone 2621

Moses' ther. proposals mentioned in Bible 21805

nitrofurfuryl methyl ether in fungus dis. (Pol) 44182

nystatin in moniliasis 19967

50269

oil bath 11585

oil baths, emollient, colloidal type 6531

oil-defic. disord., technics for measurement & maintenance of natural skin oil 19900

oleandomycin (Ger) 9530

oleandomycin & tetracycline alone & combined, comparison (Fr) 37875

oleandomycin-tetracycline (Sp) 51664

perphenazine 38840

pharmaceutical & drug prep. (It) 52011

polymyxin (Rus) 36373

prednisolone aerosol prep. 16364 18660 34859 34860 40168 42157

prednisolone alone & with neomycin & surfen ointment (Ger) 29422

prednisolone trimethylacetate ointment (Ger) 52232

prednisone & prednisolone (Ger) 15284

procaine & vitamin B1, intravenous admin. (Rus) 10896

procaine, intravenous admin. (Rus) 45870

progr. 30197

progr. (Fr) 20601

44686

protective & ther. value of silicon-labiline ointment acting without interference with biol. processes (Ger) 11176

pyogenic infect., ther. & nursing care 51577

radiother. in Poland (Pol) 44188

review 20564

review (Ger) 10306

39078

39088

sandostene-calcium prep. in allergic skin dis. (Sp) 3348

sandostene in allergic skin dis. 2612

strontium-yttrium radiother. (Ger) 15385

sulfisoxazole gel with pantothenyl alcohol (Ger) 51790

sulfurous balneother., eff. on blood proteins (It) 3906

tar-sulfur powder (Ger) 33977

thermal baths (It) 13656

thimerosal in skin fungus dis. 22915

total body x-ray ther. 38853

tranquilizing agents & sedatives, indic. & compl. 6961

trifluopromazine (Sp) 43907

ultraviolet rays & adhesive plaster (Rus) 45849

undecylenic acid & mineral tar ointment 38839

usnic acid ther. (Ger) 39809

vitamin B12 (Ger) 3301

vitamin E (Rus) 55198

vitamins, indic. (Fr) 28469

x-ray ther., measurement & reduction of gonadal dos. 46385

## SKIN NEOPLASMS

50662

adenogenous melanoid tumors (Fr) 9645

etiol. & ther. 17719

fibroma in newt Triturus taeniatus, pathogen. & transplantability 3448

histiocytomas (It) 47803

keratoacanthoma, diag. & ther. (Dut) 47916

keratoacanthoma, differ. diag. & histopathol. 48559

self-healing pseudocancers 48430

***case reports***

acquired vasc. tumors in adult, unusual cases 34847

basal cell carcinoma, multiple, with arachnodactyly 20388

dermatofibroma, progressive & recur. (Fr) 18616

develop. of pseudo-epithelioma-tosus papillomatosis & epithelioma on tuberc. lupus (Fr) 37873

extramammary Paget's dis. of ano-inguino-perineal region (It) 52004

familial multiple tumors of scalp & neck, gross & histopathol. 5657

flat cell carcinoma of temple causing multilocular bone metastases (Hun) 13885

glomangioma (It) 37164

histiomonocytic reticuloendotheliosis with eruption & spontaneous regressing attacks (Fr) 6313

intra-epidermal epithelioma of left temporal region (It) 19170

keratoacanthoma 37551

keratoacanthoma (Ger) 21941

keratoacanthoma, case of massive, multiple & localised cancer 23359

keratoacanthoma, multiple 24438

keratoacanthoma, stages of develop. (Fr) 2379

leiomyoma (Dut) 43026

leiomyomas 34848

leiomyoma, of leg, in 26-year-old man 37553

lymphoma, histol. & clin. picture (Rus) 55193

lymphoma, rare case (Fr) 37877

malignant plasma cell myeloma, unusual case (Fr) 2384

metastatic from bronchi (Ger) 18316

metastatic from lungs (Rus) 45155

nodular reticulosis with outbreaks followed by spontaneous regression (Fr) 2385

osteoid-forming metastases from osteogenic sarcoma of leg (Ger) 15287

reticulosis simulating sarcoidosis, surg. & nitrogen mustard ther. (Fr) 6320

reticulum cell sarcoma, brief remission with prednisone ther. 1154

spindle cell carcinoma metastatic to spine (Bul) 45295

squamous cell carcinoma of skin of nose with metastasis to heart 12685

with lymphoid tissue neoplasms (Fr) 2387

***complications***

tumor of sclero-corneal junction with skin cancer caused by soot, case report (Fr) 7075

***diagnosis***

early diag. 28457

histochem. technic 10116

keratoacanthoma (Fr) 36524

***differential diagnosis***

keratoacanthoma from squamous-cell carcinoma 6997

***etiology and pathogenesis***

arsenicals (Ger) 11367

burns of hand, case report (Fr) 1339

sunlight 50877

sunlight exposure, case report 28229

traum. ulceration, late malignant degen. (Ger) 52206

trophic skin ulcers (Rus) 45218

***experimental***

connective tissue sulfomucopolysaccharides in mouse tumors, radioautographic studies 51308

eff. of denervation on carcinogenesis in rats (Ger) 36417

eff. of resting & growth phases of hair cycle on carcinogenesis in mice 26001

growth of chemically-induced tumors in mice, influence of hair growth cycle 23975

induction by creosote oil in mice 26467

induction by oral urethane, isopropyl carbanilate or isopropyl m-chlorocarbanilate combined with skin painting by croton oil 25997

induction with 9, 10-dimethyl-1, 2-benzanthracene in rabbits (Fr) 26883

keratoacanthoma, prod. in hamster & mouse 51038

keratoacanthoma successfully induced by methylcholanthrene in chickens 46382

licking as a factor affecting dosage in skin carcinogenesis 48572

structure, growth & develop. of chemically-induced tumors in mice 23974

***in infant and child***

angioma, classif. & ther. 54849

angioma, cryother. (Rus) 45637

juvenile xanthogranuloma, nomenclature & case in young inf. with ocular involvement 41273

***metabolism***

glycogen (Ger) 30027

***pathology***

autonomic end-formation (Ger) 46654

cancer-like proliferation in keratoacanthoma (Ger) 3213

histiocytic-fibroblastic tumors, cytosiderin content (Ger) 27495

infectious fibroma in deer, natural occurrence & exper. transm. to other deer 28321

keratoacanthoma arising in skin graft donor site 12023

keratoacanthoma as pre-carcinoma (Ger) 15292

keratoacanthoma in man & similar exper. lesions in rabbits, comparison 5658

mast cell tumors in dog, cat & ox 26023

premalignant fibroepithelial tumor of Pinkus 14692

prickle cell carcinoma, metastases to lymph nodes, histopathol. (It) 38868

relation to multiple basal-cell nevus 34852

scleroderma-like changes of skin of right breast (Ger) 11231

with lymph node infiltration (Fr) 6317

***statistics***

in Ceylon 24177

***surgery***

abrasion for epithelioma, indic. & technics 2847

angioma 5210

microscopic control of excis. by chemosurg. technic 49775

sarcoma, comparison with radiother. (Ger) 32646



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

*therapy*

basal-cell & squamous-cell carcinoma of face, recur., radiother. & surg. 53131

basal cell carcinoma, radiother. & surg. 47841

chemosurg. 5209

contact x-ray ther., dos., focal distance & results (It) 31649

melanoma, remote results (Rus) 55331

radiother., statist. (Ger) 20602

x-ray contact ther. with soft rays, in epithelioma (Sp) 53912

x-ray ther., soft ray technic (Ger) 41773

x-ray ther. with dermopan (Ger) 22976

*SKIN PIGMENTATION see* PIGMENTATION

*SKIN SYPHILIS see* SYPHILIS, CUTANEOUS

SKIN TRANSPLANTATION

antigenic power of desoxyribonucleic acid & other prep. sensitizing skin homografts (Fr) 48929

auto- & homotranspl. of grafts preserved by adsorptive lyophilization 10275

autogenous skin suture for repair of gap in iliac wing, technic, case report (Fr) 2299

auto-homoplasty in large skin defects (Rus) 45680

cartilage, corium & fat transpl. in reconstruction of face (Cz) 23656

composite free grafts 5215

covering of femur head in arthroplasty of hip, technic & results 23892

cutis graft as interposing membrane in arthroplasty of knee 16969

eff. of cultivation in vitro on skin grafts, simple determ. technic 10492

Filatov's flap in lower lip reconstruction (Bul) 41566

flap graft for permanent tracheostomy 28478

flap grafts, indic. & technics 41098

free grafts, technic of cutting with dermatome (Rus) 45869

free skin grafts & pedicle flaps in surg. of amputation stumps stumps 11891

free transpl., results (Rus) 51184

free tubular graft in repair of helix in reconstruction of pavilion of ear (Fr) 47378

full-thickness grafts in defect wds. (Ger) 34248

homografts, possible mechanisms of failure & prev. of rejection 3356

homografts preserved by cold in rabbits & humans (Rus) 45678

homograft reaction as manifest. of transpl. immunity 1231

homograft, relation of survival to anergic reaction in Hodgkin's dis. 23069

homotransplants, bibliog. 22318

inverted dermis-tantalum mesh tubular graft as substitute cervical esophagus 10495

Italian methods (Rus) 22537

myringoplasty, free skin graft using Kolokoltsev's glue (Rus) 55217

open transpl. of skin as interposition in arthroplasty (Hun) 6341

pedicle flaps & free transplants in skin substitution on face (Ger) 29069

pedicled grafts, survival & oxygenation, oxymetric studies during 20 days after grafting (It) 39591

pedunculated flaps of scalp in facial reconstruction (Fr) 13020

pH of flap grafts (It) 52001

post-auric. Krause-Wolfe graft of ear in repair of midline facial granulomatous ulceration 31260

preserved autogenous skin grafts in otol. surg. 1183

rapid freezing of human skin & subsequent homologous transpl. (It) 52000

repair for loss of tactile pad of thumb, technic & case report 47255

retrosanic. pedicle skin graft for tympanoplasty after radical mastoidectomy 46485

review (Fr) 26188

review (Ger) 22987

simple method of cutting small split-thickness grafts (It) 20402

Thier's method, secondary (Ger) 11414

transfer of skin flap with subcutaneous pedicle to face (Cz) 23655

tube graft in repair of neck after cervical pharyngo-esophagoplasty for cancer (Fr) 13068

tubular flap in face surg. (Cz) 23652

tympanic skin grafting & reconstruct. of middle ear sound-conduction mechanism 34936

*apparatus and instruments*

dermatotome (Bul) 28712

device for expediting skin grafting of extremities 863

manual dermatome 35882

Meek-Wall microdermatome 870

*complications*

keratoacanthoma arising in skin graft donor site 12823

pyoderma gangrenosum of leg following simple graft, case report 21831

*experimental*

adult & embryonic skin homografts on conditioned & on normal rabbits 47542

autogenous grafts to gastric wall after mucosal stripping in dogs & pigs 54690

autograft, fine-particle technic in rabbits 23478

behavior of grafts exchanged between parents & offspring 47547

direct & transfer reactions in guinea pigs 6202

eff. of ACTH & hydrocortisone on homografts in rats 50522

eff. of chlorpromazine & promethazine on healing of homografts in rat (Pol) 7771

eff. of fresh placenta on skin homografts in guinea pigs & rabbits (It) 24933

eff. of hyaluronidase on attachment of autoplastic whole grafts in rats (It) 37160

eff. of pretreatment of adult animals with spleen cells on responsiveness to homografts 22309

eff. of properdin system on first & second set homografts in rabbits 10115

eff. of sex on grafts within inbred strains of mice 10494

enhancement of homograft survival by homologous whole blood in rabbits 47566

full-thickness autografts for interposition in hip arthroplasty in cat, postop. results & funct. metaplasia of connective tissue 23891

grafting of homogeneous powdered skin at site of skin defects (Pol) 53139

hemagglut. reactions in rabbits (Rus) 48015

histocompatibility in inbred strains of guinea pigs 47553

homograft immun. develop. by lymphatic union between host & graft 47554

homograft immun. studies in hamsters 47555

homograft reaction, review 44039

homograft reactions with specific immune sera 47556

immunol. responses of hamsters to homografts 44035

immunol. tolerance of female mice to male isografts 31377

in mice, technical improvements 10391

in vitro joining of mouse & rat skin (Fr) 26864

induced tolerance to homografts in chickens, unexpected manifest. 47577

induction of tolerance of skin isografts from male donors in female mice 21669

intrasplenic & subcutaneous rat skin autografts, factors influencing survival 481

lack of eff. of swine somatotropin on homografts in swine 22319

local reactions & lymph node response to heterografts between rabbits & rats 28021

pedicle grafts in study of hair growth in rabbits 16788

specificity of tolerance to skin homografts in chickens 5152

survival of homografts in lymphoma patients 22320

tolerance induced with pooled antigen in rat homografts, age factors 30661

tolerance of homografts related to fatal dis. in separated rat parabionts 7139

transplantability in inbred mice, genetic aspects 47560

use of gastrointestinal mucous membrane as replacement for skin 8041

vascularization of homografts, relation to develop. of transpl. immun. 47557

viable & nonviable skin grafts transplanted to chorioallantoic membrane of chick embryo 10489

*in various diseases*

abdom. eventrations (Fr) 35047

bovine embryo skin zoografts as temporary biol. dressings for burns & other skin disord. 30863

burns (Bul) 41583

burns (Rus) 45679

burns, new technics & results (Rus) 5996

burns of dorsum of hand 866

burns of face & neck (Fr) 47376

burns, relation to granulation tissue & bact. 8033

cancer of breast, eff. of radiother. on tolerance after mastectomy 47589

cancer of face in postther. & postop. defect (Ger) 39070

chronic leg ulcers (Cz) 31544

clin. application of embryonic skin grafts 47543

dorsal flap in surg. repair of cicatricial seq. of severe burn of neck, case report (Sp) 37377

electrical burns of head & legs (Ger) 29096

extensive & total burns of face, problem of mouth & expression in plastic repair (Fr) 47375

free grafts in varicose ulcers of legs, with vasodilator inject. (It) 42555

free skin grafts in trophic ulcer of leg (Rus) 41513

full-thickness buried boiled skin graft for repair of large hernias & eventrations, technic 17509

full-thickness grafts of hands in keratosis palmaris & plantaris 53123

grafts of leg in necrobiosis lipoidica diabeticorum 20398

hernia closure (Rus) 53885

homografts alternated with autografts in extensive burns (Fr) 47374

homologous grafts in burns, factors affecting survival & report of case of prolonged survival 14651

leg ulcer, pellet grafts (Fr) 41947

patch grafts in leg ulcers (Fr) 3408

recent accid. wds. (Ger) 39086

trophic leg ulcer, technic (Rus) 54573

tympanic membrane perf. 15729

wds. & inj. of legs in child. 4458

*SKIN TUBERCULOSIS see* TUBERCULOSIS, CUTANEOUS

*SKULL see* CRANIUM

SLAUGHTERING AND SLAUGHTERHOUSES

bacteriol. control of prod. & handling of meat products in France (Fr) 26350

design & constructional lay-out (It) 31708

in England & Wales, slaughtering & meat inspection, legislative problems 21530

salmonellosis in poultry processing plants in W. Pennsylvania 16770

SLEEP

daytime schedule for child. in kindergartens (Rus) 7929

deprivation, eff. on body temperature & self-rating of sleepiness & fatigue 5062

in inf. 6458
6466

multiple-choice test, errors & reaction time of sensory motor eff. of reversal of sleep pattern (Fr) 48901

seasonal influences on somnolence in preschool age (Rus) 7930

time-lapse photography in exam. of normal sleeping patterns 40939

*effects*

on blood & tissue glycogen & sugar, repeated medication sleep (Rus) 7791

on body temperature & oxygen consumption 11530

on EEG in neurasthenia (Rus) 23260

on exper. inflamm. & allergy in monkeys & rabbits (Rus) 45100

on exper. pneumococcal infect., comparison with penicillin (Rus) 52986

on exper. streptoc. infect. with various doses of inoculum & hypnotic agents in rats (Rus) 7803

on intraocular pressure in latent glaucoma (Pol) 28848

on physiopathol. of dis., mechanisms 11636

on thyroid funct. with exper. tissue ther. (Rus) 31150

*physiology*

51333

acoustically induced arousal reaction by stimulation with defined tone impulses, adaptation phenomena in rats (Ger) 30527

arousal reaction to click-free tone impulses in rats (Ger) 30523

bioelectric recording of sleeping-waking periods in animals (Ger) 30543

conditioned reflex motor method for depth determ. (Rus) 28805

drug-induced sleeping time in mice, comparison of methods of measuring end point 50232

duration of drug-induced sleep, eff. of aliphatic & aromatic amino ethers, relation of chem. structure to central eff. (Fr) 24748

EEG (Fr) 48893

EEG in normal sleep of child, under 3 with convulsions (Fr) 54078

EEG in sleep & awaking state, age factor (Rus) 1747

eff. of high altitude on sleep habits in mountain climbers 48260

resp. responses to carbon dioxide during natural sleep at sea level & at altitude 16810

sleeping posture of man (Fin) 27295

threshold, relation to sedation threshold, clin. aspects 2654

*therapeutic use*

adjuvant musical stimulation (Fr) 36134

brain concussion & contusions (Rus) 9865

chronic gastritis & funct. stomach disord. (Rus) 28834

dynamics of autonomic NS before & after sleep ther. (Cz) 2760

induction with electric current & small doses of narcotics (Rus) 34684

ment. disord. 39153

ment. disord., prolonged but intermittent sleep (Fr) 44207

neuroses, arguments of structural & existential nature (Fr) 46622

peptic ulcer, eff. on water-electrolyte metab. (Pol) 30805

postop. in combined ther. (Rus) 54558

preop. & postop. in excis. of ileocecal angle, kidneys, & gallbladder in animals, eff. on gastric secretion (Rus) 33194

rheum. fever with chorea, remote results (Rus) 20277

**SLEEP DISORDERS**

narcolepsy, caused by & differentiated from diencephalic lesions (Rus) 34728

pathogen., clin. aspects & ther. (Fr) 3145

psychophysiol. relation to musc. contraction (Fr) 31916

somnambulism in neurotics, comparison with normal persons 5458

*etiology and pathogenesis*

CNS deafferentation causing disord. of wakefulness & sleep (Cz) 38346

*in aged*

insomnia, ther., heparin, comparison with chlorpromazine (Fin) 54647

*in infant and child*

in school child. in No. Norway, sociopsychol. aspects (Nor) 54955

pavor nocturnus & somnambulism, EEG (Cz) 38283

*physiology*

relation to changes in routine life patterns in flying personnel engaged in long distance flights (Fr) 51483

*psychology*

hypersomnia, psychogenic 11670

narcolepsy, psychosomatic factors 17730

*therapy*

barbital - 2-diethylaminoethyl-(2-phenyl)butyrate - diallylbarbituric acid - phenobarbital prep. (Ger) 51850

carbromal-cyclobarbital-hexbarbital prep. (Ger) 19062

32994

cyclobarbital-meprobamate prep. (Ger) 32971

51809

diphenhydramine (Rus) 32558

evaluation of drugs for insomnia 38130

glutethimide (Ger) 15359

hypnotics & sedatives in insomnia 3165

meprobamate, results (Ger) 3273

petrichloral in insomnia 31806

***SLEEPING SICKNESS* see**
**ENCEPHALITIS, EPIDEMIC**

***SLEEPING SICKNESS* see**
**TRYPANOSOMIASIS, AFRICAN**

**SMALLPOX**

review (Rus) 11489

*case reports*

epidemic in Naples (It) 1118

*complications*

osteoarticular lesions 17423

*epidemiology*

in India, 1950 Bombay epidemic (Ger) 3265

*history*

contribution of Edward Jenner 13485

18th century small pox inoculation controversy in Boston 2358

Locke's fragment on smallpox 2337

vacc. controversy in early 19th century in New England, comparison with modern polio. & other controversies 2359

*immunology*

antibody response after vacc. & revacc. 40892

antibody response in previous vaccinated patients 40893

antihemagglutinin titer after revacc. (Hun) 39739

chick embryo vaccine, comparison with calf-lymph vaccine 24423

determ. of complement-fixating antibodies in sera of immunized rabbits (Sp) 29544

dried & glycerinated vaccines of full & diminished potencies 14462

immune reaction after vacc., reasons & prev. 28133

smallpox as cause of false positive reactions to Kahn test 48256

vaccine qualitative differentiation of virus strains in mice (Ger) 23144

*in infant and child*

causing osteomyelitis of elbow & other sites 8490

*prevention and control*

antivaccinial gamma globulin 18367

vacc. (Sw) 32133

vacc. causing encephalitis with ment. defic. & behavior disord. in child, aggravation after lobotomy (Sp) 8882

vacc. causing generalized & gangrenous vaccinia (Ger) 36170

vacc. in 1st month of life (Sw) 54823

vacc., principles (Fr) 22460

vacc. scars in cadavers (Ger) 23145

*virus*

cultivation on HeLa & bovine cells, cytopathogenicity (Fr) 47384

cytopathogenicity & propagation in tissue culture 38433

**SMEGMA**

carcinogenic eff. of horse smegma in mouse vagina (Ger) 34596

male smegma in etiol. of cervical cancer in women & exper. eff. of human smegma in female mice 12382

**SMELL**

*see also* **ODORS**

anat., pathol. & physiol., review (Pol) 30332

anosmia in aged, relation to incidence of coal gas pois. in Gt. Brit. 8432

anosmia in laryngectomized studied by inhalation of odorous substances & by intravenous inject. of mint solutions (It) 25963

disord. caused by tumors of posterior cranial fossa (Rus) 45728

interrelation of olfactory & taste systems (It) 44800

olfactometer appar. & conditioning procedure for rats 31700

olfactory threshold variations in aged (It) 42748

**SMOKE**

air pollution by smoke from domestic fires in large cities 40142

eff. of smoke pollution on household cleaning costs 40145

eff. on light in cities (Rus) 3620

*injurious effects*

relation to cancer & bronchitis mortal. 37730

smoke inhalation causing Loeffler's synd. 1173

tetralin smoke, tox. to guinea pigs & mice, comparison with sulfur dioxide 11530

**SMOKING**

arsenic in regular-size unfiltered & filtered cigarettes 38058

cigarette filters, methods for testing efficiency (Ger) 42827

cigarette-smoke condensate, determ. of polycyclic hydrocarbons 17772

control of smoking habit with hydroxyzine, statist. 17749

ex-smokers, reasons for stopping 7464

med. aspects, review (Dut) 29958

29969

with fire burning inside of mouth, causing cancer of palate, pathogen., clin. aspects & x-ray ther. (It) 31658

*effects*

on blood pressure (Dut) 12040

on musc. funct. in arteriosclerosis & Raynaud's dis. (It) 27635

on peripheral blood circ. expressed by pulse wave frequency (Ger) 36469

on resp. in normal subjects 21845

*injurious effects*

cancer & coronary dis., differences in incidence between Seventh-day Adventists & others, statist. 14543

cancer of larynx, statist. (Ger) 6103

cancer of lung 14671 30654 40057 50888

cancer of lung, cardiovasc. & peripheral vasc. dis., prev. (Ger) 15329

cancer of lung, correlation of mortal. with length of discarded cigarette butts 48315

cancer of lungs in women, statist. 28523

cancer of lung, laboratory research, review 48314

cancer of lungs, significance of genotype as factor influencing smoking habits, twin studies 7246

cancer of lung, statist. (Fr) 20665

cancer of mouth in India 40910

cancer of mouth, pharynx, larynx & lungs (Fr) 44681

cancer, role of pyrolysis in tobacco carcinogenesis 38063

coronary dis., etiol. role of cigarette smoking 3513

coronary dis. mortal. rate, relation to amount of cigarette smoking 38485

coronary dis., review (Ger) 46033

correlation of smoking habits with resp. disord. & ventilatory capacity, statist. 48316

cough & resp. disord., improvement after giving up smoking 1134

exper. induction of carcinoma in mice with cigar, pipe & all-tobacco cigarette tar 38080

ocular & visual disord. 53288

palate inflamm. lesions 13275

relation to death rates, review 24638

resp. infect., comparison of incidence & sympt. of smokers & non-smokers 52605

survival & mortal. statist. interpretation 52596

*therapeutic use*

atropine-containing cigarettes with low nicotine content & asthma cigarettes of stramonium leaves, determ. of drug content of smoke (Ger) 29910

ephedrine cigarettes with ephedrine & tobacco with low nicotine content (Sw) 54794

**SNAILS**

Aplysia depilans, cytochrome h 49352

as Schistosoma mansoni vectors in Brazil, favorable ecol. (Fr) 2447

as vectors of schistosomiasis in So. Rhodesia, relation to chem. composition of water 3460

Australorbis glabratus & Tropicorbis centimetralis as Schistosoma mansoni vectors in No.-eastern Brazil 2446

Australorbis glabratus as intermediate host of schistosomiasis in Puerto Rico, biol. control by colonization of Marisa & other snails 886

Australorbis glabratus as Schistosoma mansoni vector in Puerto Rico, ecol. factors 2444

Biomphalaria alexandrina & Biomphalaria boissyi, morphol. & nomenclature 4949

Biomphalaria & Bulinus as schistosomiasis vectors in Africa, hydrographic & hydrogeological factors 3439

Bulinus species from Tanganyika, ecol. studies 25065

Bulinus truncatus, abundance & distribution in relation to chem. composition of water habitat (Fr) 3459

Bulinus truncatus & Planorbarius metidjensis as schistosomiasis vectors in No. Africa, seasonal factors & climatic eff. on reproduction (Fr) 2441

Bulinus truncatus as Schistosoma haematobium vector in Middle East & Africa, ecol. & distribution 2445

Bulinus truncatus, distribution & ecol. (Fr) 3458

control of water snails by acrolein destruction of submerged weeds in canals 54418

ecol. factors conditioning habitat of freshwater snails 2461

ecol. factors affecting snail population in waters in Union of So. Africa 3442

Galba truncatula as host of Fasciola hepatica, distribution in Poland (Pol) 33709

33710

Helix pomatia, induction of circ. shock in exper. animals by snail blood & its kallikrein & trypsin inhibitors (Ger) 29913

hemolymph of snail, evolution of content in salts after inject. of monocationic solutions (Fr) 26873

host of larval trematodes in Columbia Basin area of Washington 5592

larval stages of trematodes in snails (Pol) 33766

Limnaea stagnalis, determ. of photoreception by skioptic reaction method (Fr) 26945

Marisa cornuarietis, predator of Australorbis glabratus intermediate host of schistosomiasis in Puerto Rico, biol. 24705

Planorbidae, ecol. factors affecting snails as vectors of schistosomiasis 3443

pond snail Cipangopaludina malleata, electron microscopy of typical & atypical spermatogenesis 16959

Schistosoma vectors, evaluation of technics of estimating snail populations 26397

Schistosoma vectors, exper. ecol. study of habitats 26396

slug, intermediate host of tapeworm Davainea proglottina 5595

snail-shell composition of geographically distant populations, comparison 47261

Taphius pfeifferi, phys. characteristics & nomenclature 12908

Triton, ultrastructure of Bizzozero's nodules (It) 1863

venomous marine snail Conus stings in Pacific islands 4007

venomous marine snail Conus, venom appar. 4008

vitelline platelets, origin & ultrastructure (Fr) 36511

*diseases*

fungus dis. (Pol) 33779

infect. by Ciliata & other parasites (Pol) 33778

*effect of drugs on*

Bulinus senegalensis, attempted control with pentachlorophenoxy sodium 25066

Oncomelania hupensis, lethal eff. of pentachlorophenoxy sodium & calcium arsenite 16457

pentachlorophenoxy sodium on Oncomelania snails, resist. 38388

penta-,tetra- & trichlorophenoxy sodium on Oncomelania hupensis, molluscacidal eff. 38387

SNAKE BITES

*see also* VENOMS

rattlesnake, seq. (Ger) 55719

*complications*

peptic ulcer perf. following snake bite, case report (Fr) 42421

*therapy*

in child. (Rus) 45230

procaine block (Rus) 9908

rattlesnake bite, case report 19862

SNAKES

analysis of Salmonella serotypes isolated from vipers in France (Fr) 13037

Hydrophiidae marine snakes from New Caledonia (Fr) 14456

sea snake venoms, physiochem. analysis (Fr) 48850

susceptibility of garter snakes to western equine encephalitis virus & role of snakes in overwintering of the virus 44131

SNEEZING

53378

*SNOWBLINDNESS see* BLINDNESS

SOAPS

*effects*

protection of living cells against acid by non-ionic & amphoteric soaps 7147

*injurious effects*

cremor saponis inject. causing sudden death (Dan) 55112

*therapeutic use*

alkali-free soap in skin dis. (Ger) 22990

cremor saponis inject. in ther. abortion (Fin) 10070

cremor saponis, sterilized, in ther. abortion (Dan) 22390

SOCIAL HYGIENE

*see also* SEX EDUCATION

Acad. for Soc. Hyg., Indust. Hyg. & Med. Educ. in E. Germany, organiz. problems & aims (Ger) 38907

as separate discipline (Rus) 21919

in France, Department of Seine, serv. (Fr) 27954

in Russia (Rus) 21916

soc. disorganiz. of countries, relation to ment. health (Fr) 27952

*SOCIAL MEDICINE see* MEDICINE SOCIAL

SOCIAL SECURITY

dent. care in pub. assistance programs 50134

disability program, responsibilities of physician
5860 16857 17557 18665
19960 22724 28657 37351
41093 42023 47851

evaluation by Med. Advisory Committee of diag. by GP (Ger) 15300

for physicians in U. S. 18089

in France, reform of legal claims procedures (Fr) 48952

in Gt. Brit., coverage, benefits & organ. of serv. (Sp) 39124

in Italy (Fr) 38824

in U. S., med. aspects of Social Security Disability Insurance Program 28505

med. assistance for diag. & ther. of trivial ailments & funct. dis. as burden of Soc. Security & med. profession in France (Fr) 48940

program in U. S., opposition to health care provision for aged 15919

role of soc. insurance in rehabil. 51116

soc. provision for the aged (It) 21459

*legislation*

extension of med. assistance to pensioned subjects in Italy (It) 6926

Forand bill for addition of health benefits to soc. security 17296

Fr. law on autopsies following indust. accid. (Fr) 47428

in Italy (It) 16035

Soc. Security Act amendments, statement on proposed amendments by Health Insurance Assoc. of Amer. 39939

Soc. Security Amendments of 1958, highlights 53661

SOCIAL SERVICE

contributions of soc. workers to ment. retarded & their families 24477

eff. of new tranquilizing ther. on funct. & role of soc. workers 8378

family life educ. planning 19089

geriatric soc. work 50165

group casework with relatives of adult schizophrenics 19086

homemaker serv. of hosp. & other agencies to provide substitute mothers in cases of phys. & ment. dis. in real mothers 33673

importance of community soc. work to ment. retarded & their families 24476

importance of institutional soc. work to ment. retarded child. & their families 24475

in Canada, New Brunswick Department of Health & Soc. Serv. 2589

med. & psychiatric soc. workers, funct. 50661

med. soc. serv. for cancer patient 2509

med. soc. serv. in Hôpital Ste-Justine, Montreal 2529

medicosoc. work in factories of Morocco (Fr) 6365

operation of a ment. hyg. clinic, scope & aim 24585

programs in Belgium for pulm. tuberc. patients (Fr) 35513

psychiatric soc. work & guidance, rapport as outmoded concept 19071

psychiatric soc. worker in voluntary self-commitment of ment. patient to psychiatric hosp. 3198

Red Cross in Canada, auxiliary serv. of Canadian Nurses' Assoc. 14715

relation to GP 14306

soc. case-work in hosp., ther. value (Nor) 52737

soc. counseling of alcoholics 3182

soc. sex roles in initial case work interview 19074

soc. worker, funct. in vocational rehabil. 18032

soc. worker's interview with patients in state ment. hosp., methods & soc. factors in communication 48387

*education*

train. of soc. workers in Sweden (Sw) 9773

*history*

in U. S., individualized relief serv. for Civil War soldier, comparison with current soc. work practices 10690

SOCIAL WELFARE

*see also* CHILD WELFARE

*see also* MATERNAL WELFARE

aid & pensions for tuberc. patients in Uruguay (Sp) 44575

care of deaf-mutes in Mexico during 1919-27, med., educ. & welfare aspects (Sp) 18881

charity, relation to med. practice (Fr) 10663

clinic serv. for aged in Gt. Brit. 8430

community planning for indigent disability 24649

community responsibility in rehabil. of ment. disord. 9801

community serv. planning 19985

contribution of home help organizer to welfare of aged 44865

cooperation between civilian & military soc. agencies 19147

effective use of med. consultation in pub. welfare 30188

financing of programs in Italy (It) 9340

in Canada, county welfare serv. for cancer patients 14638

med. aid legislation in Italy, proposed reform (It) 9329

med. direction & consultation in local welfare agency 20189

private charitable institutions in modern society 16175

psychiatric serv. reforms in France (Fr) 54844

psychiatric soc. work, principles 47162

serv. of Swiss rheum. counseling clinic (Ger) 43802

*SOCIALIZED MEDICINE see* HEALTH INSURANCE

*SOCIALIZED MEDICINE see* NATIONAL HEALTH PROGRAMS

SOCIETIES

undergraduate academic record of Fellows of the Royal Soc. of Gt. Brit. 29827

SOCIETIES, MEDICAL

AMA, civil defense program 40321

AMA, contribution of med. educators & med. schools, need for extension 50810

AMA, organiz. & programs 41162

AMA's role in disaster planning 36875

AMA special study project report on civil defense 40328

Amer. Roentgen Ray Society, presidential address 24650

Bingham Associates Fund, hist. of activities 39347

Gesellschaft Deutscher Naturforscher und Ärzte (Ger) 15427

means of stimulating interest in med. meetings 19890

Med. & Chirurgical Faculty of the State of Maryland, serv. to members & profession 6410

Med. Assoc. of So. Africa, presidential address 33500

Med. Society of the State of Pennsylvania, cooperation with health department 27961

Med. Society of the U. S. & Mexico, opening of third annual meeting 47849

Montreal Medico-Chirurgical Soc., presidential address 48531

New York Academy of Med., contribution of James W. Francis 14401

Pan Amer. Med. Women's Alliance, presidential address 4537

relation of women physicians 10480

Royal College of Physicians of London, contribution of Lord John Lumley 29290

Sociedad Médico-Quirúrgica del Guayas, 50th anniversary (Sp) 25946

Southwestern Surg. Congress & U.S. med. legislation 12821

state med. society traffic safety committees, need & objectives for 40357

Victor Vaughan Society in the University of Michigan Med. School 22481

Wayne County Med. Society, hist. of society homes 5393

World Med. Assoc., aims & activities 55416

World Med. Assoc., eff. on med. care standards 55415

World Med. Assoc., organiz. & program 6412

*history*

Acad. Nacional de Med. de México contributions to pathol. anat. (Sp) 29385

General Med. Council, Gt. Brit. 20595

in Denmark (Dan) 43196

influence of first faculty of Med. College of Georgia on Amer. med. curriculum & on founding of AMA 50797

Milwaukee Academy of Med. 22904

National Acad. of Med. of Mexico, Department of Pathol. Anat. (Sp) 6611

Norske Medicinske Selskab (Nor) 43198

43199

Svenska Läkaresällskapet (Sw) 43200

Vejle & Skanderborg county assoc., centenary (Dan) 45525

SOCIOLOGY

control of persons physically & mentally dangerous to society (It) 44352

cultural thought models in primitive & modern psychiatric theories 31545

eff. of opinions & communication of related content 50106

Malinowski's ideas, relation to Freud's concepts 8407

man's need for brotherhood, soc. life & community (It) 39595

reinforcement & punishment in control of human behavior by society & soc. forces 53622

relation of changing Amer. family to woman labor pool 40115

relation of Oedipus complex to soc. science & utopian myths 8408

relation of soc. environment to dis. 36254

soc. science, relation to human behavior 54400

soc. structure, relation to develop. of personality, Freud's contribution to integration of psychol. & soc. 31543

sociol. significance of the color of skin & color-based discrimination (Ger) 39795

sociol. value of truth (Fr) 51145

SODIUM

content of diets in Hawaii hosp. & homes 50155

low-sodium diets, physiol. adaptation & clin. use 28132

*deficiency*

eff. of desoxycorticosterone & monoammonium glycyrrhizinate on adrenal cortex of rats on sodium-defic. diet 24845

role of adrenal cortex in normal adaptation to dietary sodium deprivation 17034

significance of aldosterone secretion during dietary sodium deprivation in normal subjects 17035

*determination*

content in municipal water supplies in So. Carolina 29653

exchangeability by radiosodium for determ. of total organic sodium (Fr) 54324

modified flame photometry 46910

54836

use of glass electrode 44133

***effects***

arrhythmic & anti-arrhythmic eff. after inject. into coronary arteries of normal & infarcted hearts 2917

changes of dietary sodium/potassium intake on morphol. of zona glomerulosa of adrenal cortex in rats, eff. of cortisone (Hun) 41633

dependence of rat colon strip tension on sodium gradient & eff. of sodium salt infusion on pressor responses in intact animal 48735

induction of exper. myocardial infarct with steroids, inhib. by potassium & magnesium (Fr) 29215

intake level on blood pressure & survival in hypertensive rats 12498

on action potential of nerve fibers in insects (Fr) 38691

on blood & urinary electrolytes after admin. with polyvinylpyrrolidone prep. in surg. patients (Fr) 47320

on giant axon resting & action potentials in cockroach 52347

on heart, antag. with calcium, application to mode of activation of contractile system 17978

on isolated rabbit auricles, eff. of hydrocortisone 42976

on musc. composition & renal electrolyte excretion in electrolyte-depleted rats 12544

on response of smooth musc. to cooling 5101

organic & inorganic sodium solutions on exper. burn shock in mice 20759

rapid loading on ascites form. in intact & diabetes insipidus infused dogs 12548

rapid loading on intact infused anesthetized dogs 12547

sodium selenite on liver necrosis induced by non-fat milk powder in rats (Ger) 46184

***in blood***

active transport through erythrocyte membrane in adrenalectomized rats (Ger) 3465

defic. & excess, relation to concept of osmotic uniformity 55141

defic. following operative trauma 147

defic. in congestive heart failure, pathogen. & ther. 12334

defic. in head inj., differ. diag. from intracranial hematoma 11663

determ. of levels after musc. exercise in rats 14625

eff. of adenosine on sodium extrusion in swine erythrocytes 1377

eff. of adrenal cortex hormones in adrenalectomized dogs 39204

eff. of chlorpromazine ther. of ment. disord. (It) 36751

eff. of electroshock & pentylenetetrazole shock on levels in rabbits (Fr) 32925

eff. of izsulin in pigeons (It) 37471

eff. of prednisone & prednisolone ther. of various dis. (It) 36747

eff. of tolbutamide in pigeons & rabbits (It) 37470

eff. of work at high temperatures (Pol) 43639

erythrocytes, eff. of aldosterone & hydrocortisone 49334

erythrocytes in congestive heart failure 35181

excess, gross anat. changes & alterations of chem. composition of brain tissues in kittens 43512

excess, in atypical fatal heat stroke 34841

excess, with subdural hemorrh. & effusions, in inf. 43511

fetal, maternal & umbilical levels during 3rd stage of labor (Pol) 8090

hypernatremic dehydration in inf., review 53005

in congestive heart failure with edema, relation to circulating blood volume & venous pressure (Pol) 30796

rates of exchange of sodium & potassium in sheep erythrocytes of different cation composition 5777

regulation in edema 23401

relation to juxtaglomerular cells & zona glomerulosa of adrenal cortex 700

relation to serum osmolarity & to total exchangeable sodium & potassium in man 4854

relation to sodium content of bone 35816

sex differences, statist. 4956

***in urine***

as measure of mineralocorticoid activity of adrenal cortex (Sp) 8698

decreased postop. excretion, mechanism 17072

eff. of arterenol & epinephrine in dog 20915

eff. of electric stimulation of diencephalon on excretion, diuresis & vasopressin secretion in rats (Ger) 29895

eff. of inject. of aldosterone on excretion rate in dogs 12542

eff. of sodium chloride & carotid artery occlusion in dog 20914

hyponatruresis induction by anoxia in dogs, eff. of dibenamine & adrenalectomy (Hun) 29157

in manic depressive psychosis, changes during manic & depressive phases 17735

increase in excretion induced in rats by substance in human urine 20778

nyctohemeral variations in excretion in heart dis. patients (It) 1936

nyctohemeral variations in excretion in normal man (It) 1935

postop. excretion after sodium chloride load in pediatric patients 30428

potassium-sodium excretion, antag. in eff. of aldosterone & Δ4-estrene-17β-ol-3-one-17α-(3-propionic acid γ-lactone) 51341

quality control standards in determ. methods 24406

sodium-magnesium-potassium excretion, divergence during stimulation of endogenous aldosterone prod. 17036

***metabolism***

active transport, study with enzymatic ion exchange model 50576

bone, eff. of adrenalectomy in rats 5775

bone, eff. of thyroxine & parathyroid hormone in rats 5776

content in isolated rat diaphragm, eff. of 9α-fluoroprednisolone (It) 36557

content in isolated rat diaphragm, eff. of 9α-fluoroprednisolone, hydrocortisone & desoxycorticosterone (It) 36558

content in uterine & seminal vesicle secretions 47110

content of aorta in exper. hypotension induced by potassium-defic. in rats 12563

depletion in adrenalectomized humans 4871

distribution of sodium ions during ischemic shock in rats (Fr) 45888

eff. of adrenal cortex hormones in nephrectomized rats, extrarenal action 47124

eff. of pendiomide on absorp. from musc. deposits in rabbits (Rus) 3567

eff. of stress in castrated male pigs (Fr) 32017

eye, anterior & posterior chamber penetration 14111

fecal content, correlation with urinary aldosterone, eff. of hypophysectomy 47126

heart & skeletal musc., eff. of work activity & exercise (Ger) 28049

in acute asphyxia in cat (Bul) 16427

in Addison's dis., eff. of adrenal cortex hormones 6745

in congestive heart failure, eff. of intravenous sodium chloride admin. (It) 32086

in crystalline lens of frog (Ger) 30525

in edema, determ. of exchangeability by radiosodium, comparison with sodium balance method (Fr) 54325

in extracellular space, decrease in content followed by proportional decrease of lymph flow in exper. animals (Hun) 29181

in liver dis. (Ger) 27175

in normal & toxemic pregn. 6743

in Simmonds' dis., control 566

intestine, simultaneous flux into & out of dog intestine 47112

kidneys, eff. of adrenal cortex hormone ther. of edema on sodium elimination (Fr) 2491

kidney, localization & characterization of sodium transport along renal tubule 35790

kidney regulation in patients with congestive heart failure on low-sodium diet (Pol) 20462

kinetics 11613

loss from skin of dehydrated toad 52353

movement in rat musc. 30560

muscle tissue of salmon during migration 26410

myocardium & skeletal musc., eff. of exper. Coxsackie virus infect. in mice (It) 13983

myocardium & skeletal musc., eff. of exper. mouse hepatitis virus infect. in mice (It) 13984

myocardium & skeletal musc., eff. of exper. W. Nile virus infect. in mice (It) 13985

parotid clearance 35815

penetration into CNS, eff. of radiations 50016

placental clearance as placental funct. test 12415

postop. (Por) 44437

potassium-dependent sodium extrusion by alga cells 17321

reabsorp. in proximal & distal renal tubules of dogs, eff. of adrenalectomy & aldosterone admin. 31390

relation to water content of tendon in normal & depleted rats 35817

renal excretion (Sp) 21040

renal excretion in pre-eclampsia, mechanism 3004

retaining eff. of aldosterone, inhib. by progesterone 17041

retention in rats induced by magnesium defic. 25870

retention in undernutrition in moderately obese persons, relation to extracellular space 6198

Saccharomyces cerevisiae, eff. of ultraviolet irradiation on content in resting cells 50573

salivary levels, determ. in study of adrenal cortex funct. (Fr) 24785

single myelinated nerve fibers, eff. on electric potential 15687

skeletal musc. & blood, eff. of surg. (Pol) 30757

skin, eff. of adrenal cortex hormones & k-strophanthoside on transport through isolated frog skin (Ger) 27542

skin, eff. of aldosterone on active transport in frog (Fr) 3043

sodium conduction capacity of uterine musc. cells, significance for start of labor in rats (Ger) 47636

sodium-potassium intra- & extracellular distribution in rat (Fr) 48883

sodium-water retention in liver cirrhosis (Por) 8757

theory of adrenal corticoid chelation of sodium & antag. by cardiac glycosides, mechanisms (Ger) 30610

total body & tissue losses in salt-depleted rats, comparison with losses from sucrose space 47108

total exchangeable sodium in nonpregn. women & in normal & pre-eclamptic pregn. 28999

transport in algae Nitellopsis obtusa 17326

transport in renal medulla (Ger) 30535

transport system in medullated single fibers, eff. of electrotonus tension (Ger) 30562

***poisoning***

exper., mechanism of develop. & ther. in potassium-defic. rats 51918

***radioactive***

determ. of local tissue blood circ. changes in internal knee joint inj. (Rus) 52863

determ. of uterus blood supply in pregn. (Ger) 49757

sodium-24 as indicator of blood supply of bone 29964

transfer rate across pericardium of dogs, comparison with other isotopes 15001

***SODIUM AZIDE see*** AZIDES

***SODIUM BICARBONATE see*** BICARBONATES

**SODIUM CHLORIDE**

crystallization patterns in bovine cervical mucus 10057

deposition of submicroscopic sodium chloride aerosol in humans, determ. 11593

determ. of calcium, iron & magnesium contamination, edathamil technic (Ser) 39710

low-salt diets 53277

specificity of sodium chloride appetite in adrenalectomized rats, comparison with other sodium & salt solutions & substitution of lithium chloride for sodium chloride 35800

vitamin C enriched table salt, stabilization technics (Rus) 22685

vitamin C enrichment (Rus) 22686

***deficiency***

after weaning in Moroccan inf., eff. of climate (Fr) 31082

in CSF otorrhea after cranial fract. in child, case report 2251

low salt synd. in kidney dis., etiol. 5414

salt-defic. heat exhaustion 47600

salt depletion in dehydration, review 52997

***effects***

dietary causing hypertension 26149

intravenous infusions, on renal excretion of water & electrolytes (It) 3867

intravenous infusion producing diuresis in rats, mechanism 12505

on adrenal cortex, in pigeons 36710

on CNS & blood pressure of dogs with exper. hypertension (Rus) 33626

on conduction of nerve impulses in desheathed nerves & single fibers in various solutions 16472

on granularity of juxtaglomerular cells, relation to mineralocorticoid level in rat 17230

on postop. body fluid balance after partial nephrectomy, in rats (Fr) 36719

on potassium & sodium metab. in congestive heart failure (It) 32006

on survival of total body x-irradiated mice 10141

on urinary volume & composition in dog 20914

on vein intima (Rus) 1763




Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

oxytocic eff. of hypertonic solutions administered intravenously in term pregn. 47007

saline solution perfusion on blood proteins in rats (Fr) 38654

salt-loading on water-electrolyte balance in normal & adrenalectomized rats (Ger) 38518

sodium chloride-potassium chloride overload on diuresis, urinary chloride (Sp) 6986

*injurious effects*

hypertension, protective eff. of potassium chloride in rats 12351

*metabolism*

in hypertension 47513

in nephritis, depletion (Sw) 23111

requirements in tropics during summer 19633

salt-losing crises in adrenogenital synd., case report 32364

secretion by salt gland in birds, control mechanism 12539

*therapeutic use*

azotemic salt-losing nephritis (Ger) 39888

diabetic arteritis 9465

emuresis in child., Krasnogorsky technic (Fr) 53029

retinal detachment caused by macular gap, with ultraviolet rays (Fr) 14488

*SODIUM CITRATE see* CITRATES

*SODIUM CYANIDE see* CYANIDES

*SODIUM FLUORIDE see* FLUORIDES

*SODIUM GOLD THIOSULFATES see* GOLD

*SODIUM GLUTAMATE see* GLUTAMATES

*SODIUM HYDROXIDE see* HYDROXIDES

*SODIUM IODIPAMIDE see* IODIPAMIDE

*SODIUM LACTATE see* LACTATES

*SODIUM PSYLLIATE see* SCLEROSING SOLUTIONS

SODIUM SALICYLATE

*effects*

exper. induction of adrenal medullar necrosis by local inject. (Fr) 9246

increase of venous oxygen saturation after admin. of high dose in normal humans 23751

on blood lipids in hyperlipemia & in normal subjects (It) 49401

on erythrocytes 3464

on food & oxygen consumption of rats 29573

on growth of human melanoma transplanted into hamsters 22317

on synovial permeability in rabbits, comparison with morpholine salicylate (Fr) 32945

*metabolism*

absorp. after oral admin. in man, enhancement by admin. with mephenesin 41282

*therapeutic use*

arteritis ther. by sclerotization of adrenal medulla with lumbar sympathectomy (Rus) 45665

resp. failure 48300

rheum. fever, prev. of relapses 9470

sodium salicylate-adrenochrome semicarbazone prep. in control & reduction of postop. ecchymosis in rhinoplasty 24670

sodium salicylate-adrenochrome semicarbazone prep. in hemorrh. of nose & throat, statist. 18796

sodium salicylate-aminopyrine-nicotinic acid-procaine prep. in adnexitis (Ger) 45973

sodium salicylate-aminopyrine-nicotinic acid-procaine prep. in inflamm. & degen. arthritis (Ger) 11040

*SODIUM SULFATES see* SULFATES

*SODIUM SULFITES see* SULFITES

*SODIUM TETRADECYL SULFATES see* SCLEROSING SOLUTIONS

*SODIUM THIOSULFATE see* THIOSULFATES

SOIL

amino acid content variations (Fr) 38638

chem., relation to goiter endemicity in Russia (Rus) 53463

determ. of electrical resistivity & pH of soil samples, methods (It) 53804

in etiol. of cancer 24178

ion exchange resins, physicochem., review (Fr) 44762

natural radioactivity, hyg. characteristics (Rus) 39600

nutritional eff. of soil selenium in mammals 28309

radiostrontium content & disposition after fallout in United Kingdom 19542

rehabil. after exposure to damp from mines (Ger) 37866

*microbiology*

Actinomyces, strains antag. to other microorganisms (Rus) 36385

appar. for clump inoculation (Rus) 19113

Ascaris lumbricoides & Trichinelloides trichiura eggs (Pol) 33739

Aspergillus & Penicillium, antag. to pathogenic bact. (Rus) 51936

Azotobacter, eff. on vitamins (Rus) 19106

bact., biol. counting method (Fr) 13039

bact. counting, kinetic method (Fr) 36086

bact., relation to growth-promoting substances, review 1608

bact. variability, review (Rus) 33154

continuous flow method for study of microbiol. processes in soil samples 52341

eff. of flax culture on microflora around roots (Fr) 13054

eff. of prolonged admin. of fertilizers on microorganisms (Rus) 19126

eff. of rye & vetch cultures on microflora around roots (Fr) 13055

eff. of salting (Rus) 33159

evaluation of soil purity by Khlebnikov's sanitary index 28420

exam. in foci of swamp fever epidemics in Poland (Pol) 31519

fungi in Israel 52284

fungi, isolation with soil fungus trap, technic 52312

fungi Microsporum gypseum, Keratinomyces ajelloi & Trichophyton terrestre in Brit. soils 52335

fungistasis 17313

Fusarium culmorum, microbial antag. 19601

helminth eggs in sewage-irrigated fields (Pol) 33723

Lipomyces (Rus) 51935

metab. of 6-O-acetyl-D-glucopyranose & other monoacetylsugars in soil micro-organisms 25878

microbial antag., review (Rus) 45616

microbial assoc., review (Rus) 33155

microbial pectinolysins (Fr) 18084

microorganism population in relation to structure form. (Rus) 19125

Monilia vanrijii from Swedish soils 25313

Mortierella fungi (Ger) 25315

of irrigated sewage fields in No. W. Germany (Ger) 36425

oligocarbolic bact. (Rus) 33156

oxidative metab. of anthracene, naphthalene & phenanthrene by soil Pseudomonads 7173

periodicity of microbiol. processes (Rus) 33158

Phycomycetes from soil containing salt (Ger) 25308

Pseudomonas species KT 85, enzymatic resolution of alloisoleucine 14927

Pseudomonas species KT 104, enzymatic resolution of tryptophan 14915

relation to plant roots in rhizosphere, review 1609

seasonal & ecol. factors (Rus) 19105

survival of mammalian viruses in soil 45825

toxic properties in relation to its content of microbes antag. against Azotobacter species (Rus) 19124

utilization of humic acids by soil organisms (Ger) 25310

SOLANINE

*poisoning*

mass outbreak in Korea (Rus) 45194

*SOLAR PLEXUS see* GANGLIA, AUTONOMIC

*SOLDIERS see* ARMED FORCES PERSONNEL

*SOLE OF FOOT see* FOOT

*SOLGANAL see* GOLD

*SOLUBLE DIAPHORASE see* DEHYDROGENASES

SOLUTIONS

*see also* EMULSIONS

*see also* HYPERTONIC SOLUTIONS

*see also* ISOTONIC SOLUTIONS

concentration of dilute solutions (Pol) 53214

eff. of high hydrostatic pressure on saline, basic, acid & buffer solutions studied with stationary platinum electrode polarography 16469

form. of complexes in mixtures of 2 solutions, relation of surface tension to concentration (It) 39306

ophthalmic solutions, prep., review 54789

preservative solution F2AM for trophozoites & cysts (Sp) 13545

suspensions, phys. chem. 4564

*effects*

alkaline solutions causing spontaneous change in ferriprotoporphyrin 52296

anisotonic solutions on morphol. of nodes of Ranvier (Ger) 37848

hypo-, iso- & hyper-tonic saline solutions on leukocyte survival in vitro (It) 8045

monocationic solutions on evolution of salt content in hemolymph of snail (Fr) 28873

tricationic solutions of various strengths on survival of tench (Fr) 28685

SOLVENTS

2-butoxyethanol, properties & indust. hyg. standards 12247

eff. of combination with various solvents on tox. of trichloroethylene for guinea pigs (Fr) 47770

solvent blending using approximate dielectric constants, technic 40359

*toxicity*

eff. on brain & musc. ATP & phosphocreatine (Rus) 22651

eff. on EEG (It) 13990

oil-solvents causing caustic dermatoses of hands, case report (Fr) 37858

toxic solvents, review 48201

SOMATOTROPIN

chymotrypsin digests of bovine somatotropin inducing nitrogen retention in man 29534

destruction by human blood plasma in vitro 50451

review (Rus) 22491

C-terminal amino acid sequence of somatotropin from human, monkey, whale & sheep pituitary 38256

N-terminal amino acid sequence of somatotropin from human, monkey, whale & beef pituitary 38255

*determination*

isolation of highly active human somatotropin 25434

*effects*

antigenicity of bovine somatotropin for rodents 15599

antigenicity of human somatotropin in rabbits & guinea pigs 32336

diabetogenic eff. & nitrogen storing action in normal & depancreatized bitches 49176

lack of eff. of swine somatotropin on skin homografts in swine 23319

metab. eff. (Ger) 15631

metab. eff. of human & monkey growth hormone in man 24982

metab. eff. of human growth hormone in man 41880

metab. eff., review 39220

on ATPase & succinic dehydrogenase activities of myocardium of hypophysectomized rats (It) 37372

on blood lipids & proteins in exper. arteriosclerosis (Cz) 36554

on blood sugar level in adrenalectomized & in adrenal medullectomized rats 35110

on blood unesterified fatty acid levels in hypophysectomized rats 20741

on blood volume in male rats after hypophysectomy 35103

on bone & periodontium of vitamin A-depleted rats 11772

on bone marrow & blood picture in hypophysectomized rats, changes after withdrawal 735

on calorigenesis & thyroid funct. 39206

on carbohydrate metab. in dog 47120

on carbohydrate metab., on blood cholesterol, creatinine, alkaline phosphatase, phosphorus & uric acid & on urinary phosphate in man (It) 37412

on carbohydrate tolerance of tube-fed rats, interaction with insulin & carbutamide 49175

on exper. nephrosclerosis prod. in hypophysectomized rats (Sp) 8697

on exper. shock & alarm reaction (It) 36816

on fract. callus form. in rabbits (Fr) 44763

on glucose tolerance of pregn. rats 24809

on glucose utilization in fasted rat 19617

on growth, dosage (Sp) 51665

on growth in rat, thymus mediation 19500

on hexosamine & hydroxyproline content of liver & other parenchymatous organs in rats (It) 47821

on involuted xymogenic cells in hypophysectomized rats, admin. with cortisone & thyroxin 12945

on limb-bone rudiments of chick embryo cultured in vitro 51094

on lipid aldehydes in blood, liver & intestine in rat 32348

on liver, in rats, histol. (It) 47819

on liver interstitial cell proliferation in exper. ethionine pois. in rats 31285

on mammary develop. & lactogenesis in mice 21662


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

on mucopolysaccharides in blood & connecting cartilage, in rats (It) 42577

on nitrogen metab. in exper. toxic hepatitis in rats (Rus) 13851

on ossification of caudal vertebra in hypophysectomized & intact rats 2374

on peptic ulcer induced by histamine & antihistamines in guinea pig, with heparin (It) 51989

on phosphorus & calcium metab., review (Fr) 25096

on protein metab. in isolated perfused liver, influence of varying amino acid levels in perfusate 5261

on protein metab. in man (It) 37410

on ribonucleoprotein & protein incorporation of amino acids 26258

on succinic dehydrogenase activity & sulfhydryl group content of various rat organs 204

on uracil-2-C14 incorporation in liver ribonucleic acid in rat 2677

on wound tensile strength in rats, mechanism of somatotropin-induced postop. anabolism 10136

protective against x-irradiation in rats (Rus) 31149

somatotropin-rich pituitary extracts on urinary reducing steroids in normal male rats (It) 49589

***injurious effects***

pituitary acidophil changes & renal glomerular changes following ther. of pulm. tuberc. & inoperable pulm. cancer 23956

***physiology***

relation between somatotropin content & age in rats 44132

secretion by anterior pituitary, eff. on pineal body (Fr) 38679

***preparation of***

acid-extraction in aqueous suspensions, & eff. of pH on somatotropic activity 39205

***therapeutic use***

refractory wds., varicose ulcers & infected burns (Pol) 30738

***SOMITES*** *see* EMBRYO

**SORBITOL**

***determination***

enzymatic determ. in animal tissues 44146

***effects***

attempted replacement of intrinsic factor in gastrectomized rats 19460

laxative eff. 2196

on absorp. of orally administered vitamin B12 52400

on growth of vitamin B1-defic. rats on various diets 41232

on intestinal absorp. of vitamin B12 in pernicious anemia patients 31366

on vitamin metab. in rats (Ger) 41751

***related compounds***

glucitol-N, N'-diisopropyl-3, 3-diphenyl-propylamine prep., ther. of biliary tract dis. 12397

**SORBOSE**

***effects***

on mycelium of fungus Coprinus fimetarius, characteristics of resist. (Fr) 38703

**SOUNDS**

***see also*** **NOISE**

***see also*** **SPEECH**

***see also*** **ULTRASONICS**

expressive sounds as part of primitive language (Ger) 34197

perception of objects by reflected sound in porpoises 21692

***effects***

auditory stimulus intensity on reaction time of schizophrenics 50845

on cochlear succinic dehydrogenase in guinea pigs (Ger) 38440

**SOY BEAN**

bact. component of root nodules, cytol. & organiz. in host tissue 40839

cold-insoluble fraction of soy bean proteins, conformation changes 1354

desoxyribonuclease from juice of soy bean sprouts, purification & demonstration 13031

inositol phosphatide content (Ger) 47932

lipoxidases, actions on linoleic acid & trilinolein 25422

proteins in hypocotyl, isolation & characterization 25423

rapid translocation of photosynthetically assimilated carbon out of primary leaf of young soy bean plant 26412

root nodules produced by Rhizobium japonicum, relation of metab., cell dry weight & nucleic acid content of nodule age 17306

soy bean trypsin inhibitor in ther. of fibrinolysis 1774

***effects***

dietary level of raw soy bean oil meal on growth of weanling rats 28572

growth-depressing eff. of unheated soybean meal, response to dietary amino acid supplementation in chicks 1385

growth-promoting action of soybean meals in rats, influence of bound gossypol 41233

inositol phosphatide fraction, eff. on blood lipids & lipoproteins in vivo & in vitro 16819

oil, eff. on cholesteremia (Fr) 43946

soybean phosphatide emulsions in parenteral infusion, eff. on erythrocyte sedimentation rate, in dogs 335

trichloroethylene extract of soybean meal causing aplastic anemia in cattle 1777

**SPACE FLIGHT**

aeromed. aspects 16860

biol. exper. in rockets & Sputnik II, results 25200

biol. exper. in rockets & Sputnik II, results (Fr) 51494

biol. problems & necessity for human existence in space machines (Fr) 46551

challenge of man's entry into space 42463

dynamic med. & rehabil. in space age 51952

environmental requirements of sealed cabins for space & orbital flight, eff. of extended increase of oxygen tension 23309

environmental requirements of sealed cabins for space & orbital flight, intellectual & psychomotor eff. of extended confinement 23310

man-carrying space ships, med. & technical aspects (Sw) 45366

med. aspects, review (Ger) 6836

nutrition problems 40241

physiol. & physicochem. factors in prolonged stays in abnorm. atmospheres (Fr) 31939

physiol. aspects, state, review (Sp) 9712

physiopsychic exper. data on eff. of acceleration & sub-gravity in relation to future space flight (It) 19207

space age research in Colorado Mountain 6514

space med., introduction (Ger) 22641

survival in space travel, problems 8206

**SPACE PERCEPTION**

***see also*** **ORIENTATION**

absolute judgments of static perspective transformations 17271

binocular space perception, analysis of exper. on Luneburg theory 28589

cerebral cortex role in spatial orientation (Rus) 49546

depth-eff. in photographs viewed with one eye & with both eyes (Ger) 43578

discrimination of form, dependence on interaction of form preexposure & test requirements 17090

distance constancy in schizophrenics 50843

doubly contoured configurations, relative psychophys. energies of various shapes 31562

eff. of contour redundancy on recognition, naming & reconstruction of visual figures 5061

eff. of reserpine & iproniazid 23417

eff. of spatial distortion on Wechsler-Bellevue test results 23412

judgments of size & distance in photographs 779

size-distance constancy, eff. of personality & disposition of test objects 16499

size judgment at different distances, age factor 26575

successive visual discrimination of horizontal & vertical rectangles by octopus 4934

visual perception of perpendicularity 777

**SPARGANOSES**

***case reports***

eye infect. in Colombia 24697

**SPARTEINE**

***effects***

on cardiac auricle of rats, dogs, cats & guinea pigs, response to acetylcholine (Ger) 23614

***related compounds***

retamine (Rus) 39333

***therapeutic use***

perop. ventric. fibrill. (Sp) 1553

sparteine iodomethylate, in paroxysmal tachycardia after myocardial infarct (It) 9291

**SPASM**

***see also*** **CARDIOSPASM**

***see also*** **CRAMP**

***see also*** **MYOCLONUS**

***see also*** **PYLOROSPASM**

***see also*** **TIC**

spasticity caused by spinal cord inj., ther., meprobamate, phenobarbital & noxazolamine, comparison 25514

***case reports***

hemifacial spasm caused by basilar impression with Arnold-Chiari malform., surg. (Fr) 43119

***experimental***

eff. of atropine, diphenementhanil, scopolamine N-butylbromide, papaverine & diethylaminoethyl ester of ethylphenylmalonate monoethyl hydrobromide (It) 37336

seminal vesical & intestine response to spasmogenic agents, eff. of meprobamate (Ger) 13635

spasmolytic eff. of clavacin on isolated guinea pig ileum 49340

***physiology***

spasticity & rigidity, neurophysiol. aspects, review (Nor) 45425

***therapy***

ectylurea, in spasticity & seizures in ment. deficients 50862

procaine nerve block in masereflex spasm 43141

***SPASMOLYTICS*** *see* **MUSCLE RELAXANTS**

**SPASMOPHILIA**

***see also*** **TETANY**

compensated form of spasmophilic neuropathy (Cs) 38112

***complications***

neurol. & psychiatric compl. (Fr) 986

***etiology and pathogenesis***

NS disord. (Rus) 21886

**SPECIALISM**

AMA requirements for certification to Amer. Specialty Boards 4515

concept of specialization in occup. ther. 24523

in Poland (It) 6863

limitations of specialism in tuberc. & resp. dis. (Sp) 31839

need for European federation of specialists (Sp) 54987

radiother. as med. specialty 31499

reintegration of various specialized branches of med. 18427

relations between GP & specialists since 16th century 51572

World Health Organiz. survey on specialists 2178

***education***

basis of specialized train. of physicians (Cs) 48663

specialist train. (Nor) 54986

54986

**SPECIFIC GRAVITY**

***determination***

in various living cells, substance for aqueous density gradients 39293

***SPECTACLES*** *see* **EYEGLASSES**

**SPECTROMETRY**

gamma-ray spectrometry, activation analysis (Sw) 45362

gamma-ray spectrometry in 2 channels, technics (Sw) 45361

in determ. of total-body radiostrontium dos. in humans (Sw) 45360

scintillation spectrometry in activation analysis of radioactive chem. substances (Sw) 45358

$\gamma$-scintillation spectrometry, use in quantitative analysis (Fr) 50014

spectropolarimetry, appar. & application (It) 15747

***apparatus and instruments***

gamma-ray spectrometer for estimation of plutonium contamination of wds. 12226

scintillation spectrometer (Sw) 45359

**SPECTROPHOTOMETRY**

determ. of icterus index, with correction for turbidity & hemoglobin 32236A

flame photometry 6509

infrared spectrophotometry as a testing procedure of U. S. P. XVI 47092

scanning & 2-wavelength microspectrophotometry, correlation of results & application in staining technics 40582

ultraviolet microspectrophotometry, theory & technics 3763

***apparatus and instruments***

microcuvette for spectrophotometers (Ger) 53078

microspectrophotometer, construction & operation (Ger) 11341

**SPECTRUM ANALYSIS**

infrared, of solids, review (Dan) 48994

48995

of metal chelates of p-substituted tetraphenylporphines 1345

ultraviolet absorp. of normal & pathol. glomerulus (It) 6941

***apparatus and instruments***

simple monochromator for ultraviolet microscopy 27416



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

SPEECH

*see also* LANGUAGE

*see also* PHONETICS

*see also* VOCAL CORDS

*see also* VOICE

changes in diag. of alcoholic intoxication, medicolegal aspects 4453

comparison between phonograms & glottograms (Fr) 36155

eff. of emotional factors in speech ther. after laryngectomy 55276

eff. of various cerebellar synd., oscillography (Fr) 44736

in athetoid cerebral palsy, eff. of midbrain pedunculotomy 18094

in psychoanalytic technic, relation to noise 4276

intelligibility, eff. of hyperventilation in aviators 16868

intelligibility, prediction in cerebral palsied patients 28663

laboratory research 5822

listener evaluation of speech interruptions 5834

listener responses to nonfluencies 5835

ment. imagery & imagery-type in speech develop. 5848

patterns of schizophrenics, correlation with personal disorganiz., & soc. alienation 53624

physician's voice in med. practice (Ger) 52308

pitch & duration characteristics in aged 17374

reactions of child. to nonfluencies in adults 5831

ther. technics for improving nasal resonance 5815

vowel speech in monovular twins (Ger) 27476

*in infant and child*

develop. in inf., relation to depressive position, psychoanalytic interpretation 4388

develop. in ment. retarded child, review 593

early speech develop. of inf. & young child., statist. 5844

syllabic & phonetic structure of infants' early words 5845

*physiology*

cerebral speech centers, develop. theory (Ger) 46051

delayed auditory feedback 36134

determ. of band widths of vowel formants by measurements of transient responses of vocal tract 28659

develop. of speech center & connection between speech & handwriting (Ger) 19443

eff. of delayed auditory feedback on articulation 5823

eff. of delayed auditory feedback on repetition of speech sounds in normal subjects 18092

electromyography of intrinsic & extrinsic laryngeal musc. during silent speech, correlation with reading activity 35300

influence on parotid secretion (Ger) 33595

posterior pharyngeal wall movement during speech in normal subjects 5840

reception threshold, correlation with filtered, band-limited white noise 121

soft palate movements during speech in normal humans 20661

SPEECH DISORDERS

*see also* APHASIA

*see also* DEAF-MUTISM

(Ger) 38942

articulation problems in cleft palate adults 5829

defective articulation in cleft palate patients, relation to nasality of voice 28667

in aphasia & paralysis agitans, ther. 50864

in Korsakoff's synd. 5500

misarticulation, relation to misspelling 5819

neologisms, classif. (Ger) 30089

stammering, physiopathol., ther. & case reports (Fr) 32378

stuttering 5810

stuttering, eff. of delayed auditory feed-back (Ger) 49606

stuttering, increase in speaking time after ther. 5826

stuttering severity during prolonged spontaneous speech 5825

stuttering severity, individual ratings 5828

visual perception in stutterers 2843

*case reports*

audimutitas, in 3 members of same family (Fr) 6219

speechlessness in school & social life 5814

*complications*

mutism with akinesia (It) 27677

*etiology and pathogenesis*

cervical spine malposition after bulbar poliomyelitis 5818

dysarthria caused by myotonia atrophica 49606

dysfunction caused by gross deform. of jaws & teeth, funct. & mechanical aspects (Ger) 23052

emotional & psychol. factors in intermittent dysphonia 45093

*in infant and child*

delayed speech develop., role of parents 17727

develop., psychosoc. & educ. factors in nonorganic articulation disord. 28578

oral language program for institutionalized educable ment. retarded child. 24452

rehabil. technics (Fr) 21355

speech ther. for pre-school cleft palate child 18096

stuttering in pre-school child. (Rus) 34807

stuttering, ther. (Rus) 34806

ther. for retarded child. 5820

*pathology*

orienting reflex disord. 5811

*psychology*

behavioral rigidity in adult stutterers 5852

dysphasia, eff. on Wechsler-Bellevue test results 23412

relation to personality & adjustment 28665

28666

stuttering, psychiatric aspects 5817

stuttering, relation to tickling, psychoanalytic interpretation 20849

*therapy*

(Fr) 9077

phoniatrics (Ger) 42337

practice in speech rhythm (Ger) 16112

rehabil. after surg. of harelip & cleft palate (Fr) 13070

speech ther. before & after pharyngeal flap operation in palatal insuff. 18095

speech therapists, appraisal form for rating therapists 18098

stammering, application of learning theory to ther. 17985

stuttering 5812

SPERMATIC CORD

*see also* HYDROCELE

*cysts*

in child., inflamm. (Ger) 9950

*diseases*

sarcoidosis of spermatic cord, epididymis & testicular tunicae, case reports 18151

torsion 5935

*neoplasms*

adenoma (Ger) 23131

*physiology*

eff. of ligation of spermatic vessels & cord on testes in rat, pathol. (Sp) 44596

SPERMATOCELE

*etiology and pathogenesis*

relation to prostatitis (Ger) 49841

*therapy*

nitrogen mustard (Ger) 34528

SPERMATOZOA

*see also* FERTILIZATION

acrosome & perforatorium characteristics in mammalian spermatozoa 44036

acrosome & perforatorium in rodent spermatozoa, funct. in fertilization 44037

biometry of human spermatozoa 18065

capacitation of rabbit sperm in uterus of rabbit in various stages of reprod. & in hormone-treated rabbits 15614

capacitation of rabbit spermatozoa in various organs of male & female rabbits 40798

cervical tampon & spoon for maximal sperm migration & physiol. semen sampling 20067

count, eff. of ethyl alcohol 8497

defective spermatogenesis, ther., testosterone 51340

eff. of osmotic pressure & pH on motility & fertilizing capacity of rabbit spermatozoa 49511

eff. of urine on motility & fertilizing capacity of rabbit spermatozoa 49487

ergastoplasmic origin of protein granules in Ascaris spermatocytes (Fr) 3047

high-speed cinephotomicrography 6490

induction of spermiation in frog by electrical stimulation of hypothalamus (Fr) 36076

inherited spermatogenic hypoplasia in guinea pig 49513

labeling of insect spermatozoa by radiocarbon-labeled adenine 39250

labeling of mammalian spermatozoa with radioactive tracers 17373

labelling of mouse spermatozoa by adenine-8-14C & thymidine-3H 3514

maturation in spermatic duct (Ger) 22873

motility, eff. of microbial products on human spermatozoa 15400

motility, eff. of temperature (Ger) 15976

motility, evidence of chemotaxis as factor 49494

motility of sperm flagellum 52285

phenomena of testicular release in Bufo arenarum (Sp) 8994

preserv. of swine spermatozoa in carbon dioxide, exper. study (Fr) 48822

Sims & Huhner tests, simultaneous determ. with cervical mucus crystallization test (Sp) 30244

spermatogenesis (Ger) 38946

spermatogenesis abnorm. due to carbromal, microscopy 51940

spermatogenesis developing in adult following surg. cure of bilateral cryptorchidism 10051

spermatogenesis disord., ther., vitamin E (Ger) 40182

spermatogenesis in Lumbricus, origin & connections of central nutrient mass 19566

spermatogenesis in wasp Mormoniella vitripennis, determ. of chromosome number 25440

spermatogenesis, typical & atypical, in pond snail electron microscopy 16959

spermatogenic maturation arrest in adrenogenital synd. causing sterility, case report 18454

spermatogonia of scorpion containing new mitochondrial ultrastructure (Fr) 38639

spermatokinesis in testes of house sparrow, determinants 15602

spermination-inducing eff. in hypophysectomized toad of urine from patient with gyn. cancer (Sp) 21214

spermiogenesis in prostate hypertrophy (Ger) 11335

spermosin as contractile protein of sperm cell (Rus) 1727

unusual large teratoid spermatozoa in sterility 49486

*anatomy and histology*

bandicoot spermatozoon, electron microscopy of tail 53492

differentiation of live & dead sperms in fowl semen, postvital staining 54580

electron microscopy of ultrastructure 23981

kinetic appar. of sperm cells in various animal species, electron microscopy 34438

microscopy, in Middle Ages (Ger) 19433

nuclear ultrastructure, electron microscopy (Ger) 39798

*effect of drugs on*

antibiotics on motility & fertilizing ability of chicken spermatozoa 12758

biochem. basis of spermicidal activity of various substances, review 10049

calcium & magnesium ions on dog spermatozoa 5779

chorionic gonadotropins on spermatogenesis in toads (Fr) 3113

3114

cytotoxic drugs, mutagenic eff. on immature spermatozoa (Ger) 34168

edathamil on anaerobic fructolysis, motility & oxygen consumption of human sperm 49477

follicle-stimulating & luteinizing hormones on spermiation in Bufo arenarum (Fr) 28723

follicle stimulating hormone & interstitial cell stimulating hormone on spermiation in toad (Sp) 8991

laboratory testing of spermicidal prep. 10050

*effect of radiations on*

induction of mutations at specific loci in spermatogonia of mice, relation of radiation dos. to mutation frequency 24956

low-intensity radiation on spermatogonia 14425

oligospermia caused by x-ray exposure of roentgenologists, eff. of purified vaccine lymph 22916

radiophosphorus on fertilizing ability of ram spermatozoa & on viability of offspring (Fr) 38684

200 r of x-rays on rate of spermatogenesis & spermiogenesis in mouse 39178

*metabolism*

biochem. analysis (Fr) 26292

carbohydrate metab. of cock spermatozoa 7183

desoxyribonucleic acid content during spermatogenesis in adolescent boys recovering from retarded sexual & somatic develop. (It) 27363

desoxyribonucleic acid content, in frog, dove & domestic fowls (It) 36899

desoxyribonucleic acid in mature spermatozoa of sea cucumber, composition analysis (Ger) 11279

desoxyribonucleic acid of herring sperm, products of reactions with hydrazine 1705

desoxyribonucleic acid of herring spermatozoa, characterization (Ger) 49907

desoxyribonucleoprotein & arginine content of human & bovine spermatozoa, quantitative determ. by microspectrophotometry & interference microscopy (Ger) 49913

fructolysis & motility of human specimens, eff. of addition of glucose & fructose 16840

fructolysis in human specimens, influence of sperm count & initial fructose level 16839

interaction between calcium & magnesium ions & desoxyribonucleoprotein from sea urchin sperms 3503

nucleoprotamine form. during spermatogenesis in river trout (Ger) 27910

nucleoprotamines in various trout species, amino acid content (Ger) 27896

sorbitol dehydrogenases in ram spermatozoa 19550

## SPERMINE

***effects***

on growth of various species of yeasts 31435

***in blood***

determ. in Tokuoka reaction in serodiag. of cancer (It) 44847

***metabolism***

biosynthesis from putrescine & methionine 16913

## SPHENOID BONE

***see also*** SELLA TURCICA

***fractures***

compl., chiasmatic synd., case reports (It) 36220

***neoplasms***

primary, of pterygopalatine fossa 11720

***radiography***

new unilateral incidence for radiol. exam. of sphenomaxillary fissure (Fr) 41393

## SPHENOID SINUS

***diseases***

mucocele, causing optic nerve compression, x-ray diag. & surg. (Fr) 19765

***SPHENOPALATINE GANGLION*** ***see*** GANGLIA, AUTONOMIC

***SPIDER BITE*** ***see*** ARACHNIDISM

## SPIDERS

Latrodectus mactans, hypertensive action of venom, mechanism (Fr) 26721

Latrodectus tredecimguttatus venom, chem. composition (It) 53018

Latrodectus tredecimguttatus venom, eff. on CNS histol. in guinea pig (It) 32116

***effect of drugs on***

Latrodectus tredecimguttatus, benzene hexachloride & DDT (Rus) 18890

***SPIEGLER-PENDT SARCOID*** ***see*** HODGKIN'S DISEASE

## SPINA BIFIDA

clin. picture & course (Ger) 38990

***case reports***

myelocystomeningocele in merocranial diplophthamic monster, dysmorphogenetic aspects (It) 29622

with malform. of gastrointestinal system 5674

with meningocele, x-ray 51551

with myelomeningocele in calf 40407

***complications***

enuresis, incidence 55520

hydrocephalus, surg., case reports (Por) 8747

meningocele, sacral, causing dystocia in primipara (Fr) 41378

presacral meningocele causing pelvic tumor, case report (Fr) 27726

***statistics***

stillbirth & inf. mortal. in Scotland 2113

***surgery***

review 18697

## SPINAL CANAL

***abnormalities***

enlargement, problems of x-ray diag. (Fr) 38434

enlargement of spinal canal in arachnodactyly, x-ray manifest. 14146

***cysts***

enterogenous cyst within spinal canal causing cord compression, pathol. 5654

## SPINAL CORD

***see also*** CAUDA EQUINA

***see also*** MYELITIS

***see also*** SYRINGOMYELIA

spinal cord emulsion in Freund's adjuvant, eff. on growth of testis, body & comb in cockerels 31374

***abnormalities***

dilatation of lumbar & sacral cord without tumoral x-ray image, case report (Fr) 9148

***abscess***

epidural in gluteal abscess during cortisone ther. (It) 51990

epidural, simulating acute abdom. (Sp) 53018

***anatomy and histology***

ascending pathways formed by microneurons in white substance, in rabbits (Fr) 38719

dorsal spinal root afferents to Clarke's column, demonstration in cats 48137

fasciculus intermediolateralis of Lowenthal in man 48138

fibre tract topography in cat 24074

neuronal structure (Rus) 47879

neurophysis spinalis caudalis in fishes Cyprinus carpio & Tinca vulgaris, histol. comparison with posterior pituitary (Ger) 34436

reflex arch link develop. in rabbits, age factor (Rus) 47880

synapses between axons & blood vessels (Rus) 13576

synapses between neurons & capillaries (Rus) 13568

***blood supply***

arterial abnorm., myelographic diag. & section of dentate ligaments 11865

arterial vascularization, anat. & clin. aspects, review 37808

arteries in cat, comparison with man 41219

blood vessel response to motor activity in mouse 25978

eff. of exercise 41861

exper. study in dogs (It) 28531

vasc. abnorm. 46706

vasc. pathol. anat. in polio. 49626

***cysts***

cholesteatomas, pathol. & clin. & x-ray manifest. (Fr) 35235

traum. cystic cavitation causing ascending spinal paralysis 50956

***diseases***

Brown-Séquard synd., with osteoporosis (Ger) 55443

caused by metastatic struma colloides (Ger) 23800

causing backache, various ther. methods (Ger) 3262

cervical compression causing cervical synd. (Por) 16155

cervical cord dis. in congen. absence of odontoid process 66

cervical myelopathy caused by head inj. & intervertebral disk disloc. (Fr) 19767

cervical neurol. & vasc. disord. as causes of headache, anat. & pathol. 14552

compression by cervical disk displacement, causing disappearance of phantom limb in leg amputee, surg. & reappearance of phantom (Fr) 11988

compression by enterogenous cyst within spinal canal, pathol. 5654

compression by intradural extramedullary plasmacytoma 50953

compression caused by angiomatous vasc. malform. & by extradural dysembryoma in young child., case reports (Sp) 53945

compression caused by dis. simulating amyotrophic lateral sclerosis (Fr) 9156

compression due to protruded thoracic disk, surg., anterolateral fenestration of disk 46662

compression, unusual cases 31581

conduction dis., eff. on resp. movements (Rus) 34711

cysticercosis (Rus) 55850

diastematomyelia in 10-year old girl 36538

exper. anterior horn motor cell degen. induced in guinea pig by vitamin defic. 24078

Foix-Alajouanine dis. (Ger) 19755

Foix-Alajouanine dis., histopathol. of angiodysgenetic myelomalacia (Ger) 27501

funicular dis., pathogen. (Ger) 27194

funicular myelosis in chronic rheum., case report (Bul) 33806

funicular myelosis in polycythemia, case report (Rus) 44024

funicular myelosis, relation to achlorhydria (Rus) 52896

gradual compression, diag. rudiments (Fr) 3142

granuloma caused by Schistosoma haematobium, case report 17806

hydromyelia, differ. diag. from syringomyelia (Ger) 48965

involvement in telangiectasis, clin. & x-ray pathol. 2347

liberation from cortical control caused by lesions of brain or spinal cord, differ. diag. from pyramidalism (Sp) 9724

myelomalacia in Addison's dis., review & case report (Fr) 45016

myelopathy caused by cervical spondylosis (Sp) 43856

painful thoracolumbar dis. with intestinal dyskinesia (It) 25537

pathol., postmortem congen. & vasc. lesions 9760

sarcoidosis, cortisone ther. 50

sclerosis (Ger) 6081

spinal cord synd. in osteochondritis of cervical spine (Ger) 19756

spinal nuclear amyotrophy & other causes of flaccidity in inf., review 26852

spinocerebellar degen. causing amyotrophia (Sp) 27223

spino-cerebellar degen., eff. on eye movements (Fr) 44728

stretch reflexes in 14349

subacute combined degen. in non-Addisonian megaloblastic anemia 31591

***diverticula***

intrasacral pararadicular (Fr) 9149

***effect of drugs on***

ACTH, colchicine, cortisone & nitrogen mustard on cell population of degenerating spinal tracts in rabbits 16055

Clostridium perfringens A toxin, on spinal cord electrical activity in warm- & cold-blooded animals (Rus) 37201

lysergic acid diethylamide on spinal reflexes in cats 31339

meprobamate on spinal monosynaptic reflexes & inhibitory pathways 5100

***effect of radiations on***

fractionated x-ray, in animals (Ger) 10008

***embryology***

ventral horn develop. in toad larvae, controlling factors 16782

***in various diseases***

neurogenic hypertension, corticospinal mechanisms (Sp) 9671

***metabolism***

collagen-like compound from bovine cords, allergic encephalomyelitic activity in guinea pigs 5486

collagen-like compound from bovine cords, isolation & properties 5485

glucose, eff. of insulin in isolated rat spinal cord 18466

proteins of neurons, eff. of proteinases 38415

trace elements, in lumbar part, spectrum analysis in cows (Rus) 1754

***neoplasms***

astrocytoma, postop. dissemination along ventricles of brain 50955

cavernous hemangioma (Rus) 34752

dysembryoma, extradural, causing cord compression in young child, case report (Sp) 53945

fibrosarcoma in inf., case report (Pol) 7835

hemangiopericytoma, excis. & recur. 26 years later 31469

heterotopic dysembryoma of conus medullaris, case reports & review (Fr) 35232

in child., diag. (Hun) 39735

lipoma (It) 19252

lipoma simulating degenerative dis. 855

lipoma, subdural (Rus) 10950

metastatic, review 52586

neurilemmoma (It) 27669

radix arcus vertebrae, metastatic, x-ray diag. (Ger) 39407

teratoma of conus medullaris 5531

***pathology***

exper. demyelinization in dogs by intracisternal inject. of acid phosphate buffer (Hun) 16277

hematomyelia, etiol. & progn. (Ger) 42095

motor anterior horn cell reaction to exhaustion, quantitative determ. in rabbit by specific ultraviolet absorp. 35359

myelolytic substance in blood in multiple sclerosis, isolation & characterization (Ger) 39040

of infect. & tumors 45045

***physiology***

centrifugal pathway for micturition 5499

cortico-spinal responsiveness during arousal of cats from sleep, EEG aspects 12528

disinhib. phenomena in spinal guinea pigs (It) 37406

eff. of controlled progressive hypotension on spinal reflexes in cat 47109

eff. of corpus striatum & claustrum stimulation on spinal reflex & strychnine activity 5513

eff. of dissociation of pelvic girdle (Ger) 25354

eff. of exper. hemisection on reflex patterns in cats 14349

eff. of lesions at various levels of spinal cord on thermoregulation 5773

eff. of lesions on course of gestation & parturition in rat (Fr) 5767

eff. of transection in adult frogs on hindlimb funct. 13935

eff. of transection on blood pressure & resp. proprioceptive regulation (Rus) 52970



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

eff. of transection on galvanic skin response to asphyxia 50943

eff. of transection on kidney funct. in dogs (Ger) 53077

eff. of transection on ovulation after hypothalamic stimulation in rabbits 35102

eff. of transection on radiobromine in CNS & other organs (Rus) 40539

electrophysiol., puncture leads in rabbits (Rus) 37176

exper. transection with peripheral nerve-spinal cord anastomosis 18807

inhib. of spinal motor neurons, eff. of strychnine, tetanus toxin & other drugs on inhib. 51112

intracellular recording from cells of Clarke's column 12023

membrane & action potentials of spinal interneurons in cat 11024

neuron reactions to inj. (Rus) 33307

proximo-distal movement of radiophosphorus in motor axons after inject. into spinal cord in cats 739

regen. in dorsal spinocerebellar tract of cat 28302

reticular form. interactions 12482

Schiff-Sherrington phenomenon in galvanic skin response in cat 35833

spinal reflex regulation of fusimotor neurons in cats 17958

synaptic linkage of direct inhib. pathway 12015

synaptic transm., eff. of 4-aminobutyric acid 7162

synaptic transm. in spinal cord during wallerian degen. of dorsal root fibers 5508

***radiography***

adjuvant heptaminol (Fr) 1005

in caudal displacement of brain stem (Cz) 2780

myelographic surg. indic. in persistent sciatica (Fr) 31964

myelography & nerve root radiography using methiodal, results (Fr) 17996

myelography in diag. & differentiation of intervertebral disk protrusion & hernia (It) 54222

myelography in diag. of sciatica 35433

myelography of cervical spine with pneumoencephalography, technic 35426

myelography with methiodal in diag. of intervertebral disk dislocation, with discography (Ger) 3611

perimyelography with ethyl iodophenylundecylate, value in determ. of cervical spinal cord thickness (Cz) 48654

pneumomyelography, epidural, technic 35431

pneumomyelography of cervical spine, technic 35432

pneumomyelography, suboccipital, in diag. of spinal atrophy with unusual manifest. 35430

radon myelography (Rus) 10944

***surgery***

anterolateral cordotomy for intractable pain 2349

chordotomy 26644

chordotomy in palliative ther. of uterine cancer (Por) 23738

muscle-splitting approach for dorsal cordotomy, technic 12710

***wounds and injuries***

*see also* PARAPLEGIA

acute central cervical spinal cord inj. synd. 5505

cervical cord inj. causing autonomic disord., ther., artif. hibernation (Fr) 24752

cervical cord, ther. & rehabil. 50368

compl., mass-reflex spasm, ther., procaine nerve block 43141

compl., spastic disord. & contractures, ther., meprobamate, phenobarbital & noxazolamine, comparison 25514

develop. of hypertension during bladder distention (Fr) 9145

eff. on superficial & deep reflexes 43135

electrical trauma (Rus) 21902

management 50367

sign of electric shock upon flexion of neck as manifest. of spinal cord inj. in patients with cranial inj. (It) 30300

x-ray differentiation between traum. & nontraum. spinal blocks (It) 42714

***SPINAL CORD SYPHILIS*** *see* NEUROSYPHILIS

***SPINAL GANGLIA*** *see* GANGLIA, SPINAL

**SPINAL PUNCTURE**

***complications***

headache in lumbar puncture, prev. technics 4481

in lumbar puncture, methods of prev. 37686

nerve root trauma causing neurotrophic disord. of bones & fract. (Rus) 55262

prev. of postpunctional disord. by saline infusion into epidural space, technics (Ger) 6653

***in infant and child***

subdural, causing massive hemorrh. 7401

**SPINE**

*see also* ATLAS AND AXIS

*see also* COCCYX

*see also* INTERVERTEBRAL DISK

*see also* KYPHOSIS

*see also* SACRUM

*see also* SCOLIOSIS

*see also* SPONDYLITIS

*see also* SPONDYLOLISTHESIS

*see also* SPONDYLOSIS

ligamenta interspinalia, vasc. network (It) 1964

traction, heavy upright lumbar, hydraulic appar. & mechanical eff. 25516

***abnormalities***

(Nor) 54969

achondroplasia of lumbosacral spine, x-ray diag. 821

case reports (Fr) 31972

deformities caused by intrathoracic gastrogenic cyst in 3-year-old child (It) 24936

exper. develop. of salamander devoid of vertebral column (Fr) 38653

exper., induction by maternal anoxia in rabbits (Ger) 34209

frontal vertebral body fissures, histopathol. (Ger) 36455

fusion of 3 lumbar vertebral bodies, x-ray manifest. 8574

Klippel-Feil synd., differ. diag. (Ger) 42882

Klippel-Feil synd. with elevation of scapula & pterygium colli (Fr) 53415

Klippel-Feil synd. with hiatal hernia, case report 41073

Klippel-Feil synd. with spastic quadriplegia & disord. of sensitivity, case report (It) 32153

multiple sagittal cleft vertebrae & hemivertebrae in child, case report 4233

oculo-vertebral synd., differentiation from mandibulofacial dysostosis (Fr) 40871

of occipito-vertebral region (It) 53713

rachischisis totalis (Rus) 45778

***anatomy and histology***

ligamenta flava in dog, tensile & phys. properties 24603

lumbosacral hiatus, cremasteric reflex in determ. of demarcation line (Ger) 19759

medial inclination of human thoracic intervertebral articular facets 50302

vertebral joint (Ger) 36450

***cysts***

aneurysmal bone cyst of cervical spine with giant cell tumor of sacrum, clin. pathol. conf. 52621

congen. lumbar extradural, classif. 11650

extradural, as cause of sciatica & compression of cauda equina (Sp) 8812

***diseases***

arthroses, radiother. (It) 29608

arthrosis of vertebrae & disks with hyperostosis & kyphosis, eff. on peripheral articulation (It) 8666

arthrosis with palmar & plantar keratosis, case reports (Fr) 37886

arthrosis with palmar keratosis & acrodermatitis continua, case report (Fr) 37887

butterfly vertebra, x-ray manifest. 2135

cervical abnorm., inj. & dis. causing preauric. & retroauric. pain, pathol. & case reports (It) 25571

cervical arthropathy in syringomyelia, tabes dorsalis & diabetes mellitus 25972

cervical arthroses 50527

cervical arthroses causing alopecia of occipital region through neural irritation (Fr) 47379

cervical arthrosis, causing otovestibular disord., relation to CSF pressure changes (It) 42756

cervical arthrosis, diag., maneuver to determine distribution of pain during pressure on lordotic curve of spine & cervical vertebrae (It) 30675

cervical arthrosis, dislocc., disk displacement & other cond. causing brachialgia, ther., cervical traction (Fr) 11994

cervical arthrosis, x-ray finding (It) 9424

cervical, funct. x-ray diag. (Dut) 19739

cervical rheum., ther., continuous traction (Sp) 3347

cervical spinal lesions causing temporal arteritalgia, differ. diag. & ther. (Hun) 4136

cervical, surg., indic. (Ger) 11016

cervical synd., cochleovestibular sympt. (Ger) 36442

cervical synd., diag. & surg. (Ger) 23805

cervical vertebral lesions in coronary dis. (It) 52090

cervical, x-ray diag., value of serial films (Ger) 22934

complete transverse lesions, adrenal activity in 19528

degen. caused by aging, x-ray diag. with minimal dos. (Ger) 44307

degen. causing lumbar backache (Ger) 52194

degen. of cervical spine 50371

destructive granulomatous processes, surg., debridement & panarthrodesis 5278

deviations in child., exercise ther. in school health program (Fr) 21584

differ. diag. from angina pectoris (Ger) 6089

echinococcosis (Rus) 43395

echinococcosis, case report (Rus) 6006

echinococcosis, case report (Tur) 45483

echinococcosis, vertebral-paravertebral cyst (Tur) 45485

fish vertebrae (Ger) 34265

hyperplasia of articular processes (Ger) 34294

in bus & streetcar workers (It) 42232

isolated osteodystrophia fibrosa (Rus) 55317

lumbar, dorsal excavations, causes (Ger) 32491

lumbar pain, asthenia, rigidity & constracture, with sciatica, diag. & ther. (It) 29676

multiple disord. in whiplash inj. of neck caused by traffic accid., diag. & ther. 14553

neurogenic arthropathy, Charcot type 40390

neurogenic arthropathy, surg., solid extra-articular fusion 35924

ossification of anterior vertebral ligament (Ger) 59399

osteitis deformans of thoracic vertebrae & 8th rib causing paraplegia, x-ray diag. (Hun) 29165

osteoarthritis of cervical spine, with atrophy of mucosa & constrictor musc. of pharynx (Fr) 44673

osteoarthritis, ther., rubefacient ointments 14078

osteoarthrosis of cervical spine causing dysphagia 38002

osteoarthrosis, ther. 19930

osteochondritis of cervical spine, ther. (Ger) 11017

osteochondritis of cervical spine with spinal cord synd. (Ger) 19756

osteomyelitis caused by urinary tract infect., anatomopathol. relation to paravertebral venous plexus 2143

osteomyelitis, hematogenous, acute with thrombophlebitis caused by Micrococcus pyogenes aureus septicemia in inf., case report 10691

osteomyelitis in inf., intervertebral disk changes (Ger) 15289

osteosclerosis in multiple myeloma, case reports (Ger) 21655

osteosclerosis of 7th vertebra body in Hodgkin's dis. (Ger) 55754

pain synd., anatomopathol. aspects (Ger) 19334

pain synd., posture ther. with Egyptian head-rest (Ger) 39967

pathol. compression of vertebral body, classif. 50241

physical ther., cervical manipulation causing neurol. disord. (Fr) 9196

rheum. arthritis, x-ray 13299

Scheuermann's dis. of lumbar spine, x-ray (Ger) 34275

ther., hydrocortisone, intralumbar, peridural & paravertebral admin. (Ger) 6662

ther., new extension technic (Ger) 15367

wedged vertebra in achondroplasia (Pol) 38474

***dislocation***

cervical dislocc. & dislocc.-fract., ther., cranial traction 38665

cervical hyperflexion dislocc. causing so-called complete paraplegia, reduction & recovery (Ger) 48350

cervical, manual reduction with adjuvant succicylcholine (Fr) 24250

cervical, review 23690

complete dislocc. of cervical vertebra with non-surg. replacement, case report (Ger) 23210

diag., nucleography (Ger) 34246

sublimation of cervical process causing chronic headaches, x-ray diag. (Hun) 20162

***effect of drugs on***

somatotropin & thyroxin on ossification of caudal vertebra in hypophysectomized & intact rats 2374

***embryology***

factors affecting vertebral variation in mice, exper. proof of uterine basis of maternal eff. 40792

***fractures***

causing paralysis, ther. (Ger) 5707

causing paraplegia, management 16516

cervical, unusual case (Ger) 15878

chronol. criterion in study of develop. (It) 42716

closed, dorso-lumbar, causing paraplegia, surg. (Fr) 11989

compression fract., ther., immediate progressive mobilization technic 45560

dorsolumbar, without neurol. disord., review (Fr) 31891

fract.-disloc. of cervical spine, surg., early fusion 50369

fract.-disloc. of lower cervical spine, x-ray diag. (Ger) 39408

fract.-disloc. of thoracic spine in inf. (Ger) 25353

in Addison's dis., case report (Fr) 35200

in survivors of military aircraft accid. 16865

longitudinal cervical fract., case report (Pol) 30706

lumbar, bone spicules in transverse processes as seq. of myositis ossificans localisata (Ger) 39387

lumbar, caused by nonpenetrating wds. of abdom. & thorax with subsequent dehiscence of diaphragm, surg. 5881

lumbar vertebra, caused by accid. electric shock & complicated by myocardial infarct (It) 44340

of C4, causing neuralgia, differentiation from phrenic neuralgia & ther. by posterior radicotomy (Fr) 8231

of spinous processes, clin. aspects (It) 6802

surg., graft technic, statist. (Fr) 5357

thoracic, caused by sudden motion of head in swimming pool (Ger) 7033

thoracic, causing brachialgia (Ger) 392

with compression of 2 lumbar vertebra (Fr) 41437

with dilatation & double volvulus of small intestine, case report (Fr) 36659

with dorsal vertebral disloc., diag. (Ger) 19335

***in various diseases***

sarcoidosis, vertebral involvement 47518

***muscles and tendons***

erector spinae skin reflexes, spinal mechanisms, electromyography 25973

***neoplasms***

angioma, case reports (It) 39688

angioma of 7th cervical vertebra, case report (Cz) 48657

chordoma (Rus) 23672

chordoma of dorsal spine, case report 14659

early differ. diag. of space-filling tumors (Ger) 49060

giant cell tumors (It) 32118

giant cell tumor of 4th cervical vertebra (Rus) 45776

hemangioma of vertebrae, case reports 46705

hemangioma, primary, simulating renal colic (Pol) 43670

in area of foramen magnum, differ. diag. (Ger) 45954

intraspinal, incidence & mortal. in Minnesota 38562

metastatic, differ. diag. from intervertebral tuberc. (Dan) 22437

metastatic, hydrocortisone ther., intraspinal inject. (Fr) 10028

myeloma, solitary, case report (Ger) 11392

osteoid osteoma, case reports 50401

primary, classif. & case reports (It) 36785

sarcoma with teratoma, clin. pathol. conf. (Sp) 9687

spindle cell carcinoma, metastatic from skin (Bel) 45395

x-ray pedicle sign, differentiation of metastatic cancer & plasma cell myeloma 12687

***pathology***

changes in osteoporosis (Ger) 34292

high cervical synd., relation to foramen magnum 9618

in rheum. arthritis (Rus) 11292

ligamenta flava degen. & edema, histopathol. (Ger) 55645

***physiology***

cervical spine movement, eff. of age factor (Ger) 46071

dynamics, determ. by ballisto-spinogram (Ger) 47685

***radiography***

asympt. x-ray manifestations in cervical spine 19901

cervical, in pilots of fighter planes (Fr) 51492

in porters carrying loads on their back & head (Fr) 41401

lateral, of cervical spine, normal views of atlanto-odontoid-fusion process & other anat. sites 8562

localized condensed images of vertebral body (Fr) 54183

lumbar & thoracic, funct. exam. (Ger) 34276

posterior arch of cervico-thoracic vertebrae, x-ray technics (Fr) 17994

pre-placement x-rays of lumbar spine 4247

support for lateral projection of lumbar spine 53706

thoracic intervertebral foramina, tomography (Hun) 52878

thoracic spine, technic 11088

total, value to internist (Ger) 52190

transspinal vertebral venography in diag. & ther. of lumbago (Ger) 45976

x-ray findings in apparently normal lumbosacral spine of Air Force Academy cadets, statist. 53744

***surgery***

arthrodesis, lumbosacral, modified Bostworth graft (Fr) 51450

fusion of cervical spine 50366

laminectomy, continuous epidural anesth. 35078

lumbosacral fusion, mortised transfacet method 48776

lumbo-sacral inter-body spinal fusion 50395

***wounds and injuries***

caused by traffic accid. (Fr) 9211

causing spondylolisthesis (Fr) 9095

cervical, causing deafness (Fr) 31994

cervical, causing progressive sound perception deafness, expert testimony (Ger) 3949

hyperextension inj. to cervical spine causing paraplegia 12695

neurosurg. management of severe inj. 28157

overstrain inj. (Ger) 34293

posttraum. intraspongious disk protrusions due to multiple inj. & single inj., x-ray differentiation (It) 42715

posttraum. spicule form. in lower cervical spine (Ger) 25348

***SPIRAMYCIN*** *see* ANTIBIOTICS

**SPIRILLUM**

cohnii & sinosum, surface structure & flagella, electron microscopy (Ger) 46240

**SPIROCHAETA**

***see also*** TREPONEMA

failure to isolate Spirochaeta myelophthora from CSF in multiple sclerosis 30807

spirochetal antigen fraction isolated from CSF in multiple sclerosis 46922

spirochete agglut. test in CSF of unselected subjects (Ger) 49086

***metabolism***

biochem. of structural elements (Ger) 34080

**SPIROCHETOSIS**

***see also*** LEPTOSPIROSIS

***see also*** TREPONEMA INFECTIONS

etiol. role in pathogen. of multiple sclerosis (Ger) 55680

fusospirochetosis, Treponema in oral cavity in pathogen., review (Ger) 25783

***experimental***

Caucasian tick-borne, variants in human subjects (Rus) 18866

**SPIRUROIDEA**

Spirura talpae, growth cycle (Fr) 26815

***infections***

Gongylonema infect., case report & morphol. 38390

***SPLANCHNOPTOSIS*** *see* VISCEROPTOSIS

**SPLEEN**

antisera against various intracellular fractions of guinea pig spleen cells, cytol. reactions (It) 54235

***abnormalities***

accessory spleen in ectopic testicle (It) 25707

agenesis with chronic enterocolitis in adult 4883

assoc. with right pulm. isomerism & other abnorm. 6113

continuous splenic-gonadal fusion with ectromelia 43502

dystopia, relation of ectopic spleen to stomach & gastro-diaphragmatic interposition of spleen, x-ray aspects (It) 44312

***abscess***

case reports 36327

47368

***anatomy and histology***

histochem. studies in normal & in gamma-irradiated mice 12944

histol. of vasc. terminations in rabbit's spleen 13927

in hippopotamus, adult & newborn (Ger) 34227

staining characteristics of pigment deposited in liver after intravenous admin. of fat emulsion 6118

***blood supply***

circ. & relation of blood to splenic pulp, comparative anat. (Fr) 23570

eff. of epinephrine, arterenol, acetylcholine & histamine on intermediate circ. in mouse 13006

splenorenal shunt in portal hypertension 10076

***cysts***

42126

classif. & histopathol. 6976

clin. pathol. conf. 19837

diag. & surg. (Ger) 26161

nonparasitic, surg. (Rus) 45699

***diseases***

***see also*** ANEMIA, SPLENIC

***see also*** HYPERSPLENISM

acute vasculitis of spleen, kidney, brain & periadrenal tissue, clin. pathol. conf. 30136

calcification, total, granular type (It) 42678

echinococcosis & cholesterol-containing cyst, surg. (Sp) 38536

echinococcosis, case report 17453

echinococcosis, case report (Rus) 5970

echinococcosis, case report (Sp) 21107

echinococcosis, incidence in Algerians (Fr) 37708

echinococcosis, review (Sp) 31811

follicular lipidosis, mode of lipid transport through spleen lymphatics 12470

hepatosplenic cirrhosis with Sheehan synd. in pernicious anemia (Sp) 8048

hepatosplenic schistosomiasis, pancreatic funct. in & comparison with funct. in Laennec's cirrhosis (Por) 8734

hepatosplenic synd. in schistosomiasis mansoni, familial incidence (Por) 8785

hyposplenism with folic acid defic. synd. & megaloblastic anemia in multiple mesenterial cysts (Ger) 54357

pedicular adenopathies (Fr) 30460

research on mycosis, splenomegaly & granulomatosis, contribution of Carlo Gamna 9595

stasis & hypersplenism, with congen. hypoplasia of liver, surg., splenectomy (Fr) 7057

ther. & excis. (Sp) 24739

torsion of wandering spleen, case report 2765

***effect of drugs on***

busulfan & chlorambucil on hemopoietic activity in rat 26020

diencephalic lipid extracts on spleen histol. in rat, review (Ger) 23817

epinephrine alone & with ACTH, on lymphoreticular tissue of spleen in hypophysiopriviic rats (It) 36820

***effect of excision***

on blood platelet cholinesterase in exper. berghi malaria in mice (Fr) 26857

on cell volume, plasma volume, total blood volume & F cell factor in rat 47136

on decidua cell nuclei, karyometry (Ger) 33988

on endocrine funct. in rabbits & rats (Rus) 31151

on erythrocyte count & reticulocyte response in dogs 1784

on exper. Brada-Švejda transplantable tumor in rat (Ger) 30023

on exper. malaria induced by Plasmodium vinckei in rats (Fr) 15137

on growth & develop. of BS rat tumors (Ger) 11354

on hemopoietic response to x-rays in rats (Rus) 51757

on lymphatic responses to adreno-corticosteroids & exper. inflamm. (Ger) 47906

on lymphopoiesis in rat 27987

on natural resist. of rats to Plasmodium vinckei (Fr) 26767

on nucleolar count of decidual cells in rat (Ger) 23077

on osmotic resist. of leukocytes in exper. inhibitory hypersplenism (It) 32599

on ovaries & thyroid gland (Rus) 48003

on peripheral blood circ. after total body irradiation (Ger) 39413

on permeability of normal & experimentally injured capillaries, role of mucopolysaccharides (It) 30669

on phagocytic activity of RE system 7237

on Plasmodium rouxi infect., in canaries (It) 31726

on polyglucin content of blood after intravenous admin. to rabbits (Rus) 44022

on prod. of anaphylactic shock in guinea pig & rat 51081

on residual blood volume required for survival in rapidly hemorrhaged dogs 47134

on response of blood volume, bleeding volume & tolerance to hemorrh. in dog 47133

prod. of fatal pulm. lesions in rats, pathol. (Fr) 3089

***effect of radiations on***

on cytomorphol. in mice, electron microscopy (Ger) 9976

total-body x-irradiation on water-electrolyte balance of spleen, dosage-dependence of eff. (Ger) 46177

x-irradiation on leukemia implants in mice, comparison with shielding 5435

x-rays, protective eff. of cysteamine (Ger) 32666

***extracts***

eff. of inject. of isologous mouse or rat spleen on lethally x-irradiated mice treated with rat bone marrow 5421

protective eff. against mechlorethamine pois. in mice (Fr) 9024

***in various diseases***

endocrine dis. (Fr) 21756

hemolytic anemia, acquired autoimmune (It) 31690

hemosiderosis, x-ray manifest. 4449

rheum. dis. (Fr) 40461

***innervation***

distribution of arterenol & 3-hydroxytyramine in splenic nerves of cattle (Ger) 29881

splenic nerve in cat, electron microscopy of its unmyelinated fibers 5913

***metabolism***

aspartic-glutamic transaminase, eff. of intraperitoneal actinomycin C in rats (It) 37500

ATPase activity, eff. of pois. with Shigella dysenteriae toxin in mice 36569

desoxyribonucleic acid & desoxyribonuclease, eff. of total-body x-irradiation in rat 29453

dextran concentration after intravenous inject. in mice 5625

glucocorticoid detection in exper. animals (Hun) 41618

glutamic-pyruvic transaminases, eff. of intraperitoneal actinomycin C in rats (It) 37501

indole-3-aldehyde 19584

iron, in exper. radiation-induced anemia (It) 53791

mineral corticoid-like substance detection in exper. animals (Hun) 41624

nucleic acid synthesis in mice exposed to x-rays, eff. of purified vaccine lymph, relation to radiation protective action 55430

phosphorus uptake, changes induced by virus-induced leukemia in mice 29841

proteases from rabbit spleen extracts, eff. on serum albumin, ultracentrifugation of degradation products (Fr) 26320

proteins, radioautographic study with radiosulfur-labeled cpds. (Ger) 29341

thyroxin, triiodothyronine & their acetic & propionic acid analogues, metab. by rat spleen in vitro 49252

triiodothyronine in rat homogenates in vitro 49260

***microbiology***

Mycobacterium paratubere. & M. tubere. in apparently normal cattle 5691

***neoplasms***

angiomata with lipoidosis & thrombocytopenia, histochem. & histopathol. 5687

angiosarcoma complicating artif. pneumoperitoneum, case report 49192

dermoid cyst, surg. & case report 25056

differ. diag. from kidney tumor (Ger) 11324

eff. of sarcolysin on nucleic acid & radiophosphorus inclusion by tumor tissue in rats (Rus) 55297

hemangioendothelioma in child (Rus) 20302

hemangioma, review & case report (Fr) 31989

mesothelioma, case report (It) 24934

metastasis from breast cancer, eff. of adrenal cortex hormone admin. on incidence 23976

prima.y (Rus) 51181

sarcoma, primary (Ger) 55659

***pathology***

cerebroside deposition in spleen in Gaucher's dis., isolation & analysis 40484

hyaline droplet degen. (Cz) 44878

in exper. tuberc., vital staining in determ. of sorption properties (Rus) 37181

in leukemia & lymphoma, eff. of various therapies 20944

in liver cirrhosis, relation of splenic changes to hypergammaglobulinemia 34942

in myelofibrosis with myeloid metaplasia, cytochem. & histopathol. correlation 46500

in Schistosoma mansoni infect., changes in spleen rate & size 39177

in schistosomiasis, needle biopsy 46904

splenchepatic mesenchymal insuff. in develop. of liver cirrhosis (It) 31687

***physiology***

action on erythrocytic resist. to deformation (It) 30299

anti-neoplastic action, mechanism (It) 20964

eff. of pretreatment of adult animals with spleen cells on responsiveness to skin homografts 22309

eff. of x-ray protection in total-body irradiation on antibody-form. (Rus) 55770

eff. on portal vein pressure (Dut) 29946

endocrine funct., isolation of lienoanabolic & lienocatabolic hormone substances from human spleen (Sp) 9697

erythrocyte & plasma transit through spleen, determ. of splenic hematocrit 44102

erythropoietic activity in x-irradiated rats, radioiron turnover studies 26030

in anemia, review 43133

52597

intrasplenic rat skin autografts, analysis of factors influencing survival 481

mixing of erythrocytes in dog spleen, radiochromium determ. 35801

polyploidy, quantitative biol. determ. (Ger) 11271

rate of disappearance of tobacco mosaic virus after inject. into spleen of mice & rats, comparison with liver 31465

regulation of estrogen metab. (It) 54261

relation to endocrine glands (It) 31691

role in blood platelet count (It) 31689

role in hemolytic anemia in cancer patients 2702

role in iron metab., exper. study (It) 32603

size in relation to radioactivity after inject. of radiochromium-labeled erythrocytes in humans (It) 36737

***radiography***

gas contrast x-ray visualization, comparison with postmortem findings 35702

visualization in inf. & child 50235

***rupture***

caused by venous thrombosis (Ger) 41705

in immature cell leukemia (Ger) 19001

in infect. mononucleosis (Fr) 53435

in infect. mononucleosis, case report 55139

in newborn, with hemoperitoneum, splenectomy & recovery 30134

in pregn. 643

of normal spleen in newborn with recovery after splenectomy, case report 5402

spontaneous (Ger) 42349

spontaneous in pregn. at term (Rus) 22541

surg. problems in case of spontaneous rupt. 17503

traum. (Fr) 2012

traum., in blunt & penetrating inj. 54717

traum., in inf. & child. (Ger) 34562

traum., simultaneous with stomach rupt. (Ger) 42920

traum., surg., excis. 50690

two-stage, non-traum. (Ger) 25356

***surgery***

excis., clin. statist. (Fr) 40646

excis., immediate & delayed eff. on platelet form. (It) 53783

excis. in disord. of hemopoiesis (Rus) 41524

excis. in Gaucher's dis. in child. (Rus) 20299

excis. in hemolytic anemia in newborn inf., case report (Sp) 46677

excis. in hemolytic anemia, prediction of results by preop. inject. of radiochromium-labeled erythrocytes 7412

excis. in idiopathic thrombopenic purpura 51136

excis. in schistosomal liver cirrhosis, bone marrow & blood counts before & after splenectomy 4959

excis. in splenic & other dis. (It) 31680

excis. in splenoganglionic tuberc. with megaloblastic anemia (Fr) 51472

excis. in thrombopenia, eff. on platelet count & capillary permeability (Pol) 43645

excis. in Werlhof's dis., with intractable hemorrh. from surg. wound, ther., trimethaphan-induced controlled hypotension (It) 51965

excis., indic. (Ger) 379

excis., pathophysiol. principles (Ger) 29090

excis., prev. & ther. of post-op. compl. in patients with blood dis. (Rus) 5961

excis., remote results (It) 35708

excis., unusual results (Ger) 11194

excis., with hemicolectomy & pancreatectomy in cancer of colon, case report (Rus) 51437

excis. with omentohepatic fixation & omentorenopexy in portal hypertension (Rus) 10245

exper. splenonephropexy for form. of portal shunt in hypertension (It) 51981

exper. spleno-nephropexy for portal hypertension (It) 30667

types (Sp) 43893

***transplantation***

fetal liver tissue as source of hemopoietic components for transpl. in humans, technic 46607

homologous hematopoietic cells, immunogenetic reactions after x-irradiation in mice 17778

implantation on left ventricle in trial revascularization in exper. myocardial infarct in dogs (Fr) 42504

migration of spleen cells from subcutaneous implantation sites in mice 7196

***wounds and injuries***

blunt inj., differ. diag. (Ger) 34527

surg. (Sp) 27231

with kidney inj., surg. ther. (Ger) 45988

**SPLENOMEGALY**

***see also*** **ANEMIA, SPLENIC**

***see also*** **HYPERSPLENISM**

Algerian & Egyptian types, relation to Banti's dis. (Fr) 31685

chronic primary splenomegaly with splenic anemia (It) 31682

etiol., manifest. & differ. diag. (It) 30679

postop. neutropenic splenomegaly, review (Fr) 32371

***blood in***

Algerian splenomegaly (Sp) 51669

erythrocyte volume (It) 42623

***case reports***

cranial osteosclerotic localization in myeloid splenomegaly (Fr) 18011

hepatosplenomegaly complicating 1 of 4 cases of Laurence-Moon-Biedl synd. 17752

periodic insulin resist. in diabetes mellitus with splenomegaly & liver cirrhosis (Rus) 29150

with aplastic anemia, rapid improvement after splenectomy (Fr) 20670

***complications***

gastrointestinal hemorrh., case report (Sp) 15480

leg ulcers, chronic, in cryptogenetic splenomegaly 10472

***diagnosis***

splenoportography (Ger) 15841

***etiology and pathogenesis***

thrombophlebitis of splenic veins (Rus) 45171

***experimental***

eff. of ovaries & thyroid (Rus) 48003

induction by diencephalic lipid extract in rat, histopathol., review (Ger) 33817

***in infant and child***

curable subacute aplastic anemia with hepatosplenomegaly of polyvalent hemopoietic potentialities (Fr) 32197

hepatosplenomegaly, etiol. & statist. (Por) 20244

***manifestations***

RE system lesions causing inhib. of hemopoiesis in splenomegaly secondary to dis. other than blood dis. (It) 32601

***pathology***

fibrous sclerosiderotic areas containing bile pigments in splenomegaly caused by hemolytic jaundice (It) 27352

relation to liver dis. 14205

***physiology***

endosplenic distribution of erythrocytes, dilution curves of radiochromium labeled erythrocytes (It) 44177

***SPLENOPORTOGRAPHY*** ***see*** **ANGIOGRAPHY**

**SPLINTS**

Jonas medullary extension splint, evaluation 4636

Krafft's pneumatic femoral splint (Ger) 15305

mandibular splint for dog 4814

new plastic deformity-prev. splint 14630

rest splints of new durafoam plastic material in prev. of deformities in rheum. dis. 14684

static night splint for fingers & wrist 12431

technic for making individualized aluminum finger splints 6523

transport splint in pelvic bone fract. (Rus) 45876

***SPONDYLARTHRITIS ANKYLOPOIETICA*** ***see*** **SPONDYLITIS, ANKLYOSING**

**SPONDYLITIS**

***see also*** **TUBERCULOSIS, SPINAL**

disability evaluation in indust., medicolegal factors in Argentina (Sp) 3335

rheum. spondylitis without rheum. arthritis, relation to rheum. heart dis. 4837

*case reports*

infectious (Fr) 41148

vertebra plana (Rus) 31188

vertebra plana, cases of x-ray diag. with subsequent regression 4784

*complications*

rheum., with aortitis & aortic regurgitation 46955

*etiology and pathogenesis*

brucellosis, case reports 32507
37613

brucellosis, classif., diag. & ther. (Fr) 9002

brucellosis, extradural spinal cord compression 40616

paravertebral anesth. (Ger) 39825

## SPONDYLITIS, ANKYLOSING

pathogen. & ther. (Ger) 34295

work capacity & employment problems (Rus) 32552

*case reports*

latent non-debilitating cases (Fr) 9229

*complications*

carditis & aortitis 14402

hemorrhagic diathesis caused by atypical circulating thromboplastin inhibitor 2071

hyoiditis (Ger) 23092

massive uveitis with sudden develop. of cataract (Fr) 11940

*diagnosis*

early (Rus) 32553

serol. tests for differ. diag. (Fr) 4733

x-ray, squaring of vertebral bodies (Ger) 15849

*differential diagnosis*

radiol. comparison with Reiter's dis. & rheum. arthritis 50402

rheum. arthritis 35200

rheum. arthritis (Fr) 35199

rheum. arthritis, serol. tests 35211

tuberc. spondylitis (Sp) 21181

*immunology*

properdin level relation to T2r+ phage neutralization (Fr) 47393

*manifestations*

neurol. (Pol) 43660

sacrococcitis with foci of liquefaction, differentiation from tuberc. (Ger) 34257

*pathology*

aorta, case reports 14036

eye (Ger) 23088

17th century description by Bernard Connor 36915

*physiology*

resp. funct. (Fr) 50358

*statistics*

follow-up questionnaire 14253

*surgery*

osteotomy of spine in forward bowing, results according to type of curvature 10077

*therapy*

adenylic acid in ankylosing spondylitis deformans (Ger) 45403

aminopyrine-prednisone prep. (Ger) 42309

phenylbutazone & prednisone (Dut) 49766

x-ray causing leukemia (Ger) 11290

## SPONDYLOLISTHESIS

etiol. & clin. features (Rus) 43406

lumbosacral retrodisplacement, anat. & x-ray manifest. 20949

retrospondylolisthesis (Pol) 38475

*case reports*

5th lumbar & 1st sacral vertebra, eff. of motility disord. on symptomatol. (Sw) 43245

*etiology and pathogenesis*

inj. of spine (Fr) 9095

*in infant and child*

arthrodesis with autograft in spondylolisthesis in child (Fr) 11992

x-ray diag., case report (Hun) 39743

## SPONDYLOSIS

*complications*

brachialgia & intercostal neuralgia in cervico-dorsal spondylosis, baineol. & phys. ther. (Rum) 31128

myelopathy caused by cervical spondylosis (Sp) 43858

*diagnosis*

x-ray differentiation between traum. & involutive spondylosis (It) 42713

*therapy*

cervical 48177

*SPONGIOBLASTOMA see* GLIOBLASTOMA MULTIFORME

*SPOROSARCINA see* SARCINA

## SPOROTRICHOSIS

*case reports*

16099

lungs 15543

multiple ulcerative (Dut) 43039

*therapy*

sporotrichin as sole ther. agent (Por) 16140

## SPOROZOA

*see also* EIMERIA

*see also* PLASMODIUM

Gonderia herpestis from Egyptian mongoose Herpestis ichneumon 34318

Theileria annulata in tissue culture, screening of cpds. for activity against 48235

*infections*

anaplasmosis in cattle, ther., oxytetracycline 28184

anaplasmosis with chronic copper pois. in sheep in Wyoming 4634

babesiasis in sheep in Ruanda-Urundi (Fr) 36194

latent Anaplasma marginale infect. in wild deer, demonstration by calf inoculation 48981

*SPORTS see* ATHLETICS

## SPRAINS AND STRAINS

*surgery*

reconstruction of lateral external ligament for severe sprain of left knee, technic & late results (Fr) 18645

## SPRUE

malabsorp. synd. 18726

malabsorp. synd. (Sp) 32419

malabsorp. synd., classif. 18725

malabsorp. synd., clin. & laboratory findings (Sp) 21156

malabsorp. synd. of enteric origin, review 49705

primary malabsorp. synd. 35676

*case reports*

celiac dwarfism with anemia & osteomalacia diagnosed in 59-year-old woman 20698

idiopathic sprue with jejunal adenocarcinoma 7422

nontropical sprue with funct. islet-cell adenoma of pancreas 13165

nontropical, with diabetes mellitus, hypocalcemia & intrinsic factor defic. anemia 24864

*complications*

acute gliadin reaction in celiac dis., prev. & ther. (Ger) 39909

osteomalacia with secondary hyperparathyroidism (Ger) 23094

*diagnosis*

malabsorp. synd., diag. with radioiodine-labelled triolein & oleic acid (Sp) 44556

*differential diagnosis*

malabsorp. synd. simulated by Zollinger-Ellison synd. with steatorrhea as predominant manifest., case report 583

*etiology and pathogenesis*

gliadin intolerance (Ger) 33910

malabsorp. synd. caused by occlusion of superior mesenteric arteries, case reports 582

*in infant and child*

celiac dis. (Ger) 39068

celiac dis. (Sp) 44507

celiac dis., caused by wheat flour (Ger) 15411

celiac dis., etiol. & manifest. (Pol) 8072

celiac dis., relation to wheat sensitivity 6567

celiac dis., review 43523

gliadin tolerance test in celiac dis. in child. 13417

gluten intolerance in celiac dis. (Fr) 7510

with infantilism in a case without gastrointestinal manifest. (Nor) 19949

*manifestations*

x-ray manifest. of small intestine in tropical idiopathic malabsorp. synd. 17281

*metabolism*

intestinal absorp. of carbohydrates, determ. by xylose tolerance test 36249

*pathology*

histol. & clin. manifest. in fatal cases 584

jejunal lesions, review 43275

*physiology*

eff. of 5-hydroxytryptophan & serotonin on intestinal motility & intraluminal pressure 39457

*therapy*

(Fr) 29207

adrenal cortex hormones, long-term ther. 574

gluten-free diet 28599

gluten-free diet in malabsorp. synd. 2593

gluten-free and gliadin-free diet in non-tropical cases 33052

## SPUTUM

chymotrypsin concentration of sputum in cytodiag. of lung cancer 10699

cytol. 45070

cytol. in early diag. of lung cancer (Rus) 33607

diag. exam. (Bul) 45290

dry weight determ. of sputum cells in normal cond. & lung cancer by interference microscopy (Ger) 27497

eosinophils in sputum during prednisolone ther. of asthma, significance 41831

prod. by sulfur dioxide inhalation in cytodiag. of pulm. cancer 14744

reduction of sputum viscosity in bronchitis by insufflation with desoxyribonuclease & chymotrypsin 18421

secretion in pulm. tuberc., eff. of combined ther. with oleandomycin & tetracycline (Fin) 27296

*microbiology*

Bordetella bronchiseptica from child & mice with lung dis. (Ger) 46243

Klebsiellae, influence of penicillin ther. on emergence of higher serotypes 1144

M. tuberc., culture from sputum of treated & untreated patients, comparisons 19341

M. tuberc., culture methods, review 23979

M. tuberc., culture using simplified sodium hydroxide method 17715

M. tuberc., daily variations in pulm. tuberc. ther. with combined isoniazid, PAS & streptomycin (Jap) 18168

M. tuberc. detection in sputum collected after admin. of bronchodilating aerosol (It) 3916

M. tuberc., eff. of centrifugation on cultivation from sputum 29788

M. tuberc. in sputum of pulm. tuberc. patients after ther., daily levels (Jap) 20680

M. tuberc. isolation from homogenized sputum before & after concentration 19340

Monilia, detection (Cs) 30163

rapid detection of drug-resist. M. tuberc. by slide cultures of sputum 14398

## SQUALENE

*effects*

potentiation of thymus response to ACTH in rats 3420

## SQUILL

*therapeutic use*

congestive heart failure, intravenous admin. (Ger) 51847

*SQUINT see* STRABISMUS

## STAINS AND STAINING

*see also* DYES

acid stain-nitrogen base complexes, determ. of composition (Fr) 1067

acridine orange staining of cytoplasmic ribonucleic acids in detection of pathol. changes (Ger) 46575

acridine orange vital staining of mouse ascites carcinoma (Ger) 55627

aniline blue-eosin mixture as new method (Ger) 23103

artifacts in structure & staining of blood cells in squamae, secretions & pus in skin dis. during staining with detergent stain mixtures (Fr) 32191

binding of cationic dyes by connective tissue, relation to mucopolysaccharide content 28385

Blagg merthiolate-iodine-formal stain for fecal microbiol. exam. (Por) 16139

bromcresol purple in new diluting fluid for eosinophil staining 10216

carmine micro-method of determ. of borates 46879

colloidal ferric oxide with Feulgen & periodic acid-Schiff reactions for staining of acidic polysaccharides 28954

combined alkaline phosphatase & periodic acid-Schiff reaction 32621

combined periodic acid-Schiff trichrome stain for identification of various pancreatic cell types & localization of glycogen in pancreas 23470

controlled staining of radioautographs, technic 21972

determ. of differences in stains by scanning & 2-wavelength microspectrophotometry 40582

double-embedding technic for fibrous connective tissue 32627

eff. of contact with proteins & hemoglobin on staining properties of mast cells (It) 36711

Feulgen & periodic acid-Schiff reactions, eff. of sulfides (Dut) 7360

Feulgen stain, quantitative reaction in bact. 54585

Feulgen staining technic, eff. of required HCl hydrolysis on desoxyribonucleic acid content of Allium root tips 40581

fibrin staining characteristics & identification in tissue structures 2360

fixation & histochem. localization of hydrolytic enzymes, rationale for technics 17383

fixation, eff. on carbohydrate histochem. 17381

fixation, eff. on lipid histochem. 17382

fixation in cytochem. & electron microscopy 17380

fixation problems in histochem. 17379

fluorone staining of fungus Saprolegnia diclina intracellular structure (Fr) 18141

gallocyanin-chromalum-lake technic for nucleic acid components of cells 17906

Giemsa stain in contrast staining of rickettsia in histol. sections (Ger) 32264

globulin-fluorescein complex stain in cancer of breast, differentiation between normal & malignant cells 37650

Gomori's stain., modified technic for neurosecretory inclusions (Rus) 13582

Gram differentiation without use of iodine 21969

Gram's method for bact., semiquantitative evaluation 21723

Gram's stain 50637

hematoxylin staining mountant for microorganisms 32619

improved periodic acid-fuchsin sulfite staining technic for determ. of glycoproteins in various body fluids 38557

in histochem. insulin determ. (Ger) 12092

in military establishment in field cond. (Rus) 22635

indigogenic staining methods for esterases 3767

lead & barium staining solutions for tissue sections, electron microscopy 40585

Leifson stain for flagella, timing 21979

luxol brilliant green BL as nuclear stain for phase-contrast microscopy 32629

luxol fast yellow TN, pontacyl blue black 8X & pontacyl violet 6R for biol. staining 32629

Marchi reaction for staining degenerating myelin, histochem. mechanisms 5475

Marchi staining of myelin degen. 19803

May-Grünwald-Giemsa staining technic in cytodiag. of Hodgkin's dis. (Dut) 7299

metachromasia in amyloidosis & in exper. para-amyloidosis (It) 13954

metachromatic reaction, quantitative aspects (Dut) 7361

method for colonies of Diplococcus pneumoniae 5668

method for staining whole brains for gross & macroscopic study 50310

methyl green-pyronine staining of cancer cells in vaginal smears (Fr) 27710

methylene-blue staining of musc. spindles for electrophysiol. studies 28632

modified periodic acid-Schiff method for staining of renal glomerulus (It) 6942

myelin sheath staining for paraffin sections (Ger) 23104

neutrophil staining by Baker reaction, eff. of various factors (Fr) 38745

nile blue staining of fats, technic (Ger) 33541

oil red O & Sudan IV staining of carbowax-embedded & frozen sections 54586

oxazine dyes, simultaneous nuclear & cytoplasmic staining 21971

oxidized tannin-azo method for determ. of proteins in fixed tissues 47091

Papanicolaou stain for Negri bodies in paraffin sections for diag. of rabies, technic 21967

Papanicolaou staining of vaginal smears, relation to histochem. properties of cells (Ger) 24144

periodic acid-Schiff positive material, demonstration in presence of alkaline phosphatase 21973

periodic acid-Schiff reaction in diag. of cerebral edema (Ger) 27160

periodic acid-Schiff reaction in Enterobacteriaceae, nature of form. (It) 1879

periodic acid-Schiff reaction of basement membrane of epithelium of nasal mucosa in chronic inflamm. (It) 1498

polychrome-methylene blue staining of CSF cells (Fr) 54454

polychromic staining, new technic (Sp) 21171

post-vital staining technic for differentiation of live & dead sperms in fowl semen 54580

prep. of color-fast anat. macroprep. (Cz) 21574

prep. of stained films of sickle cells 4898

preserv. of soluble proteins for histol. staining in paraffin sections 21968

pre-staining procedure for electrophoretic determ. of serum lipoproteins 20729

red stain for cell nucleus 5666

Rice technic for staining of inclusion bodies of trachoma & inclusion conjunctivitis 2089

selective fluorescence stain for mucin 5665

selective staining of acid mucopolysaccharides & proteins on paper as means of differentiation (Fr) 15014

silver impregnation & iron hematoxylin staining of axons & myelin sheaths in adult human medullary pyramids 52578

silver impregnation, Masson-Fontana method (Ger) 11347

silver impregnation for electron microscopy 40601

silver impregnation of reticulin, technic 5667

silver impregnation of tooth nerve fibers after decalcification with edathamil 54579

silver staining of connective tissue & purified collagen fibrils 54422

specific silver staining of reticular fibers in various tissues 23793

staining characteristics of pigment deposited in liver & spleen after intravenous admin. of fat emulsion 6118

staining method for cytoplasmic structures in connective tissues & peripheral nerves (Ger) 35264

staining of bact. flagellae (Rus) 19114

staining of bone marrow, prep. of sections 32626

staining of bone, prep. of thin undecalcified sections by rapid manual method 32632

staining of enamel & dentin particles 54588

staining of epithelial cells in vaginal smears by modified Papanicolau methods (Hun) 41641

staining of filarial larvae in preserved mosquitoes before dissection, technic 14470

staining of iron bact. 32624

staining of islands of Langerhans, technic (It) 1919

staining of isolated blood lipids (Ger) 6093

staining of Trichomonas vaginalis, modified technic 54511

staining of vaginal smears, value & eff. of various nuclear stains (Fr) 24150

staining properties of indicator dyes in nonaqueous solution, relation to surface acid, basic strength of tissue proteins & metachromasia 17387

staining technics for chromosome of insect eggs 54584

Sudan black-B staining of blood lipoproteins with subsequent paper electrophoresis 15036

Sudan black in differentiation of M. tuberc. from Mycobacterium leprae in lung lesions in leprosy 18510

sulfide-silver method for demonstration of zinc in pancreas of human embryos 23967

sulfide-silver staining of kidneys in diabetes mellitus 23971

vital staining of adrenals & kidneys in determ. of sorptive properties in exper. tuberc. (Rus) 37203

vital staining of blood parasites with acridine orange 51000

vital staining of injured cells in rat organs (Ger) 34016

whole mounts of small embryos attached directly to glass slides 32630

Wright's stain variant in Rickettsia & Miyagawanella (Fr) 14431

***STAMMERING*** *see* SPEECH DISORDERS

***STAPES*** *see* EAR OSSICLES

***STAPES MOBILIZATION*** *see* OTOSCLEROSIS, *surgery*

***STAPHYLOCOCCAL INFECTIONS*** *see* MICROCOCCAL INFECTIONS

***STAPHYLOCOCCUS*** *see* MICROCOCCUS PYOGENES

## STARCH

in milk prep. for inf., electron microscopy (Ger) 42863

nitrostarch, review 35551

powder for replacement of talc as dusting powder (Hun) 7716

supplement in inf. formula, review (Ger) 36430

tolerance test in diag. of pancreatic dis., clin. evaluation 40267

***effects***

on nutrition of young calves, comparison with butterfat 37598

on vitamin B synthesis in sheep alimentary tract (Fr) 38693

water-soluble starch suspension on blood platelets after intravenous inject. in rats 46610

***metabolism***

amylopectin & amylose form. in wheat kernel, radiocarbon study 2550

amylose synthesis by potato D-enzyme 52367

in diabetes mellitus (Sp) 44564

interconversion with glycogen, proposed mechanism with postulated debranching enzymes 3436

## STARVATION

***see also*** FASTING

***see also*** HUNGER

***effects***

on adrenal cortex histol., histochem. & pigmentation in guinea pig (Fr) 26949

on albumin-bound palmitate oxidation by fatty tissue & liver in rats 40533

on carotenoids in Phycomyces blakesleeanus 52421

on growth cartilage plate & metaphysis of immature rat 50309

on limb regen. in frog (Pol) 7774

on liver glucosyl oligosaccharide & glycogen 7126

on phagocytic activity of RE system in rabbits 12020

on radiophosphorus uptake by islands of Langerhans in rats 23788

on urinary erythropoietin in rabbits & rats 31336

***experimental***

adaptation & gastric changes in rats (Cz) 48631

eff. of semistarvation on erythrocyte distribution & blood volume in rat organs & tissues 5547

genesis & number of large & binucleate liver cells in & after absolute hunger in mice (Ger) 55619

## STATISTICS

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

***see also*** BIOMETRY

***see also*** PSYCHOMETRICS

***see also*** VITAL STATISTICS

estimation statist., value in med., comparison with other sciences (Nor) 10370

in med. research (Rus) 32578

interpretation of med. statist. 52596

interpretation of $n \times 2$ tables 2115

med. (Sw) 52719

med., contribution of P. I. Kurkin (Rus) 21921

med. in Czech., relation to district physician (Cz) 2798

med. statist. department in Royal Army Med. Corps 18044

med., value for physicians (Ger) 11150

methods for use in med. research (Fr) 21289

multiple comparisons in psychol. research 53642

statist. methods in med. 18809

statist. methods in scientific psychol. (Dut) 53544

statist. myth in scientific psychol. (Dut) 52543

statist. learning theory model for 2-choice behavior with double stimulus events, correction 38341

table for calculation of minimum standard error in biol. assays 5749

value in develop. of administrative controls in hosp. 4115

## STEARIC ACID

***related compounds***

propylene glycol distearate absorp. & metab. in rat gastrointestinal system 13403

propylene glycol distearate hydrolysis & absorp. in rat gastrointestinal system 13404

## STEATORRHEA

***see also*** SPRUE

primary, clin. manifest. & pathogen. (Sp) 8802

***blood in***

gamma globulin in idiopathic steatorrhea (Dut) 15799

***case reports***

idiopathic (Por) 40213

idiopathic, with mesenteric chylodenectasia, resembling Whipple's dis. 49688

***differential diagnosis***

by folic acid excretion test, modified Girdwood technic 15945

***etiology and pathogenesis***

regional ileitis, ther., gluten-free diet (Dut) 43868

***in infant and child***

allergic cases, determ. of vitamin A absorp. & blood levels 1123

in cystic fibrosis of pancreas, measurement of fat absorp. with radioiodine-labelled corn oil 7873

***manifestations***

unusual manifest., case reports (Sp) 8796

***therapy***

(Fr) 29207

ACTH & adrenal cortex hormones in idiopathic steatorrhea 37688

gluten-free diet (Fr) 38815

**STEEL**

stainless steel fixation of fract., bone reactions 32520

**STEIN-LEVENTHAL SYNDROME**

as manifest. of hyperadrenocorticism 49490

etiol. & surg. indic. 7604

manifest. & diag. 48594

review 12397

terminol. & case reports (Fr) 9035

***case reports***

(Fr) 26239

***complications***

hyperandrogenism, case reports (Fr) 36056

sterility, surg. 7405

***differential diagnosis***

post-pubertal hirsutism 37693

***pathology***

pathol. anat. 49514

relation to endometrial cancer, review 17610

***physiology***

adrenocortical, sex & related hormones, review (It) 39354

develop. of hirsutism (Fr) 36067

***surgery***

technics & progn. (Fr) 18640

***therapy***

gonadotropins, morphol. changes in ovaries (Ger) 46080

***STELLATE GANGLION see*** **GANGLIA, AUTONOMIC**

**STERILITY**

***see also*** **FERTILITY**

diag. & ther. of conjugal sterility (Rus) 54564

etiol. & ther. of conjugal sterility (Sp) 7595

9749

30245

med. views on sterility & infertility 28138

psychogenic, review 49474

***diagnosis***

conjugal (Sp) 7586

***etiology and pathogenesis***

hered. obesity in mice 10053

***surgery***

review (Fr) 24268

***therapy***

aims of various interested committees in Germany (Ger) 34562

x-ray, in cases with etiol. of endocrine dysfunct. (Cz) 14885

**STERILITY, FEMALE**

antisterility action of 4-butoxy-4'-dimethylaminothiocarbanilide in rats (Sp) 9678

diag. & ther. (Por) 12900

etiol. & ther. 18108

induction in adult virgin guinea pigs by inject. of homologous adult testis emulsion 44972

infertility & depopulation of Murut tribes of No. Borneo 28977

sexual tones in marriage of sterile & once-sterile female 49495

***diagnosis***

(Sw) 54808

comparative hormone test, endometrial biopsy, vaginal cytol. & temperature curve methods, review (Sp) 225

culdoscopy, statist. 35267

endometrial cultures, value 49492

gynecography 22733

hysterosalpingography, diag. & ther. value 36021

in sterility of endocrine origin (Sp) 27579

oil salpingography, value 49484

patency tests, ther. value & comparison with other procedures 10058

tubal insufflation with hyaluronidase & water in sterility caused by tubal factor (Sp) 20055

***etiology and pathogenesis***

(Ger) 15418

cervical factor, diag. (Sp) 7582

cervical factor, ther. 49505

cervical, hostility, incidence, diag. & progn. 49496

cervical stenosis, surg. with uterine petiole (Sp) 7578

cervicitis, prev. & ther. (Dan) 22392

corpus luteum insuff., ther., chorionic gonadotropin (Fr) 3708

endometrial inadequate develop. during luteal phase 49482

fallopian tube obstruct., diag. & ther. (Por) 7596

fallopian tube obstruct., technic of intrauterine implantation of ovary (Fr) 31071

fallopian tube occlusion, value of various types of surg. 16580

genital tuberc., incidence & progn. (Fr) 27729

genital tuberc., latent, prev. in GP (Fr) 3705

genital tuberc., living births following streptomycin & isoniazid ther. 17837

leiomyoma of uterus, conservative surg. (Ger) 29435

leiomyoma of uterus, mechanisms, clin. manifest. & surg. 3024

ovulation disord. (Sp) 9748

ovulation disord., ther. (Sp) 9752

pelvic tuberc. 10059

retroversion of uterus, surg., suspension operations 10060

secondary, follow-up (Fr) 54467

Stein-Leventhal synd., surg. 7405

tuberc. (Ser) 18516

uterine abnorm., statist. (Sp) 7575

uterine dystopia causing infertility (Sp) 20056

***pathology***

cervical mucus in infertile women 49503

endometrial biopsy, value in diag. & ther. (Cz) 30272

endometrium (Sp) 7574

***physiology***

cervical spasmodic factor, relation to choice of ther. (Fr) 15187

eff. on subsequent pregn. & labor (Sp) 7585

***psychology***

envy inhibiting normal identification with fertile mother, psychoanalytic interpretation 4283

***surgery***

salpingolysis & salpingostomy, perop. & postop. local admin. of hydrocortisone (It) 29615

statist. (Ger) 55738

tuboplasty, case reports of subsequent pregn. & delivery 22170

***therapy***

(Sp) 7587

chorionic gonadotropins (Fr) 3709

cortisone & hydrocortisone 49479

cortisone in tubal sterility, intrauterine instillation (Ger) 49760

early ther. (Rus) 9899

in sterility of endocrine origin (Sp) 27580

liothyronine 49515

mechanical stimulation factors in induction of pregn. (Fr) 53409

mud ther. (Ger) 20400

mud ther., statist. (Ger) 18937

norethisterone, 17α-hydroxyprogesterone caproate & 17α-ethinyl-5(10)-estren-17β-ol-3-one 13209

possibilities & limitations (Ger) 55737

siccacell ther. (Ger) 16106

x-ray ther., indic. (Ger) 39752

**STERILITY, MALE**

diag. & ther. (Ger) 11312

15419

etiol. & surg. (Sp) 24744

etiol. & ther. 18107

etiol. & ther. (Fr) 15175

etiol. & ther., review (Ger) 43821

etiol. diag., hormons & vitamin ther. & surg. (Por) 53933

etiol., ther. & value of marriage counseling (Ger) 15331

genetic sterility in ruby-eyed hamsters 10056

review (Rus) 45613

testicular sex-chromatin pattern 49497

***diagnosis***

exam. of spermatozoa, spoon for sampling semen in uterine cervix (Dut) 30002

in sterility of endocrine origin (Sp) 27581

semen analysis, med. & moral problems (Sp) 39105

semen analysis, minimal tests in sterility & subfertility (It) 9205

urol. diag. (Sp) 7584

***etiology and pathogenesis***

agenesis of spermatic duct, case reports (Fr) 33448

diversion of semen into bladder during coitus 36020

diversion of semen into bladder during coitus, case report (Dut) 7276

germinal epithelial changes of testes after gonococcal epididymitis (Sp) 7581

large semen volume 49481

mumps orchitis (Ser) 9959

seminal vesicle occlusion, surg. (Pol) 27602

spermatogenic maturation arrest in adrenogenital synd., case report 18454

unusual larger teratoid spermatozoa 49486

vas deferens obstruct., diag. by insufflation of vas deferens & vesiculography, case report (Sp) 30241

***statistics***

in natives from Ghana 33141

***therapy***

(Ger) 18936

dry cell ther., Niehans technic (Ger) 52211

in sterility of endocrine origin (Sp) 27582

liothyronine 49516

testosterone in defective spermatogenesis 51340

**STERILIZATION, SEXUAL**

eugenic indic. (Sw) 22122

female, indic. (Cz) 38263

female, rules for performance of sterilization (Cz) 38278

indic. & technic 38595

indic. for tubal ligation 30200

sterilization of tsetse flies by gamma irradiation 47610

***STERILIZATION, SURGICAL see*** **ANTISEPSIS AND ASEPSIS**

**STERNOCLAVICULAR JOINT**

parasternal osseous form. as sesamoid bones of the costo-sterno-clavicular joint (It) 42739

***diseases***

etiol. & x-ray manifest. (Fr) 44700

***dislocation***

symmetric habitual (Ger) 25357

***neoplasms***

osteoma spongiosum (Ger) 34283

***radiography***

tomography 43330

**STERNUM**

parasternal osseous form. as sesamoid bones of the costo-sterno-clavicular joint (It) 42739

relation of resp. diaphragm movements to resp. displacement of sternal notch (Fr) 10041

***abnormalities***

cleft sternum, case report (Por) 4350

fissura sterni completa congen. (Pol) 30705

protrusion deform. 42099

***blood supply***

arteries & veins (Rus) 51177

***diseases***

of xiphoid process (Sw) 54821

***fractures***

isolated (It) 25653

isolated of manubrium, case report (It) 25529

positive pressure reduction 38009

***gangrene***

in carbuncle of neck, surg. (Fr) 2393

***neoplasms***

enchondroma, case report 871

metastatic from larynx, case reports (Fr) 47483

***surgery***

total median sternotomy in intrathoracic goiters, technic & case reports (Ger) 54939

transverse sternotomy, improved retractor 5885

**STEROIDS**

***see also*** **BILE ACIDS AND SALTS**

***see also*** **CARDIAC GYLCOSIDES**

***see also*** **CHOLESTEROL**

***see also*** **HORMONES**

***see also*** **17-KETOSTEROIDS**

***see also*** **VITAMIN D**

artebufogenins & resibufogenins, structure analysis (Ger) 3445

blue-colored iodine cpds. of steroids (Ger) 46159

16-hydroxylated steroids, chem. & biol. activities 8633

ketosteroid reactions in sulfuric acid, spectrometric analysis 14628

new cpds. with progestational activity 13188

13219

oryzanol-C from rice bran oil, identification as 24-methylene-cycloartanol ferulate 2829

physarosterol, new sterol from slime mold 19693

plumin steroid in plumage of birds 36907

β-spinasterol 14926

steroid x-ray diffraction powder data, index 39939

sterol-like substances in E. coli, isolation & reactions (Fr) 37840

structural & hormonal activity of new steroids 8634

***antagonists***

glycyrrhetinic acid, pharmacol. 28610

glycyrrhetinic acid ther. of inflamm. skin. dis., comparison with hydrocortisone 37554

glycyrrhetinic acid ther. of skin dis. 23702

***determination***

chromatography with new type solvent systems for relatively polar steroids 1352

oxo-steroids under neutral conditions, new method 52320

phenolic steroids in 3-ketosteroids, spectrophotometry 28609

spectroscopic analysis using extension of Allen color-correction process 199

sterol content of Labiatae plant family 16705

sterols in unsaponifiable fraction of uredospores of wheat rust 2568

***effects***

esterified sitosterol inhib. of esterified dietary cholesterol accumulation in blood & liver 5535

induction of exper. myocardial infarct with sodium & stress, inhib. with potassium & magnesium (Fr) 29218

inhib. & stimulation of cancer & steroid-producing cancer 53949

myocardial necrosis induction in rats (Hun) 41628

natural steroid hormones on phagocytic activity of RE system 19479

19-nor-steroids, anabolic eff. 18447

19-nor-steroids on cell growth in vitro (Ger) 32293

on growth of transplanted mammary tumors, relation to structure of steroid 8635

on lymphocyte metab. & funct. in rat, review 13225

on metaphyseal cartilage glutamic-oxalacetic transaminases in rats (It) 13993

on pentylenetetrazole-induced epilepsy in rabbit, EEG (Fr) 54912

on protein & nucleic acid incorporation of glycine in normal & malignant lymphocytes 28260

sitosterol on clin. course & on blood cholesterol in psoriasis 38872

sitosterol-unsaturated fatty acid-vitamin E-vitamin B6 prep. on excess blood cholesterol in patients with previous myocardial infarct. 24435

β-sitosterol inhib. of intestinal absorp. of cholesterol in mice (It) 37431

β-sitosterol on mobilization of liver cholesterol in mice 31401

β-sitosterol on regression of hypercholesterosis & atherosclerosis in chickens 20761

steroid hormones on absorp. of antibody by young rats 50519

steroid hormones on blood proteins in rats, chronic admin. 14021

steroid hormones on extractive cerebral proteins in rats, chronic admin. (It) 14023

steroid hormones on galactose oxidation in vitro, site of stimulation 13825

steroid hormones on PAS-positive substances in blood of rats, chronic admin. (It) 14022

sterols of plants, hypocholesteremic eff. 2541

sterols of plants on tissue cholesterol levels 24395

stigmasterol on nerves, chronaxymetric comparison with thioctic acid & vitamin BT in rats (Fr) 38659

***in blood***

phenolic steroids in menstrual cycle & pregn., column chromatography (It) 44279

reducing steroids in subcutaneous abscess in rats (Fr) 38771

***in urine***

17,20-dihydroxy-20-ketosteroids, daily excretion & variations under different working & climatic cond. (Ger) 40177

3β-hydroxy-Δ 5-steroids in normal men, isolation 1652

in chronic dis., relation to determ. of nitrogen by lean body mass creatinine coefficient 24375

in isolated hypertrichosis in women (Fr) 45021

in pregn. cows, isolation & analysis 50517

in pregn. diabetic women 49170

11-oxysteroids in hay fever & asthma 4391

phenolic steroids, eff. of chorionic gonadotropins in normal, castrated & aged men & eunuchs (Fr) 9022

reducing steroids in Cushing synd., determ. of ratio of low water-soluble/high water-soluble fractions (It) 44326

reducing steroid levels, eff. of somatotropin-rich pituitary extracts on normal male rats (It) 49589

***injurious effects***

steroid hormone-allergy causing Loeffler's synd., diag. problems & case report (Sp) 8719

steroid hormone interaction in exper. prod. of electrolyte-steroid cardiopathy with myocardial necroses 39335

***metabolism***

animal & plant sterols, intestinal absorp. (Fr) 26314

enzymatic reduction, rate & steric course, eff. of thyroxin 7136

hydroxylation by adrenal homogenates from cattle & man in vitro 4865

hydroxylation by reduced diphosphopyridine nucleotide-linked oxidase, activation of enzyme by vitamin C (Ger) 1683

3α-hydroxysteroids as coenzymes in transhydrogenation between coenzymes I & II by α-hydroxysteroid dehydrogenase 16909

β-hydroxysterol excretion in rat feces & comparison with bile acid excretion 1353

in rheum. arthritis 35208

Δ4-3-ketosteroids, rate of ring A reduction in vitro by rat liver, sex differences 39211

microorganisms, enzymes & enzymic transform., review 35559

β-sitosterol fate in housefly larvae 19494

sterols, absorp. & regulation, review 14192

synthesis by adrenal cortex slices from hypertensive patients 17061

17α,20β,21-trihydroxysteroid form. by enzymic reduction of 17α,21-dihydroxy-20-ketosteroids in Streptomyces hydrogenans (Ger) 49911

17α,20β,21-trihydroxysteroid form. by enzymic reduction of 17α,21-dihydroxy-20-ketosteroids in Streptomyces hydrogenans, isolation & properties of enzyme (Ger) 49912

***physiology***

role in sebaceous gland excretion 5064

***therapeutic use***

acute leukemia, with 6-mercaptopurine (Rus) 6031

eff. after adrenalectomy for metastatic breast cancer 14757

hypogammaglobulinemia 6215

19-nor-steroids in uremia as anabolic substances 18445

purpura, idiopathic thrombopenic 51136

rheum. arthritis, prolonged ther. (Ger) 372

sitosterol, in cholesterolemia (It) 3874

sitosterol in Raynaud's dis. with necrosis of pulp of finger (Fr) 2395

thrombotic thrombopenic purpura, case reports 34862

***STEROLS*** *see* STEROIDS

**STETHOSCOPE**

three-way stopcock with antibrachial & esophageal stethoscopes for monitoring anesth. patients 968

***STEVENS-JOHNSON SYNDROME*** *see* ERYTHEMA MULTIFORME

***STILBAMIDINES*** *see* STILBENES

**STILBENES**

*see also* DIETHYLSTILBESTROL

3,4-bis-(p-methoxyphenyl)hexane, chem. & pharmacol. of amino alcohol & quaternary ammonium deriv. (Fr) 3057

3,4-di-(p-methoxy)phenyl-hexane, chem. & pharmacol. of amino-ketone deriv. (Fr) 3059

***effects***

4-aminostilbene & p-dimethylaminostilbene on nerve structure, relation to histamine fixation (Fr) 38736

analogs, eff. of intravaginal admin. on vaginal estrus smear reaction in castrated rats & mice 36583

dienestrol diacetate, inhib. of milk prod. in mice, eff. on endocrine glands (Ger) 25194

dienestrol diacetate, inhib. of milk prod. in mice, mechanism of action (Ger) 25195

dimethylstilbestrol as an estrogen inhibitor 17231

on anterior pituitary cytofunct. in adenomatous prostate hypertrophy (It) 25715

***therapeutic use***

chlorotrianisene in postpartum mammary engorgement, alone & with ergonovine 43335

chlorotrianisene in prostatic cancer 37665

chlorotrianisene, indic. (Fr) 45031

chlorotrianisene support for castrate & senescent women, with androgens 5276

colpan capsules in vaginitis (Ger) 42944

colpan in nonspecific vaginitis (Ger) 42308

dienestrol inhib. of lactation, with methyltestosterone 17621

2-hydroxystilbamidine in pulm. blastomycosis, case report 2941

stilbamidine & 2-hydroxystilbamidine in systemic blastomycosis 26425

stilbene-cod liver oil-apathogenic live yeast-live Bacillus vaginae prep. in nonspecific bact. infect. of vagina (Ger) 18942

***STILBESTROL*** *see* DIETHYLSTILBESTROL

**STILLBIRTH**

caused by adrenal hemorrh. (Dut) 52553

caused by aneurysm of blood vessel of umbilical cord (Rus) 46830

caused by carbutamide (Ger) 15975

caused by coiled umbilical cord (Rus) 12133

caused by maternal prediabetes 27245

caused by Pseudomonas infect. 24513

caused by spina bifida, anencephalus & hydrocephalus, statist. in Scotland 2112

causes 31269

prev. by prenatal care (Dut) 15991

relation to maternal diabetes mellitus (Rus) 46808

***STILL'S DISEASE*** *see* ARTHRITIS, RHEUMATOID

***STINGS*** *see* BITES AND STINGS

***STOKES-ADAMS DISEASE*** *see* HEART BLOCK

**STOMACH**

*see also* PYLORUS

aspiration & regurgitation of stomach contents during anesth., management 14573

gastric intubation, technics, model for enlisted student training aid in U. S. Army Med. Serv. School 42144

nasogastric intubation, indic., technic & compl., review 13828

portable gastric suction appar. for various emergency situations 6521

***abnormalities***

aberrant pancreatic tissue in stomach wall simulating pyloric stenosis, case report (It) 35570

duplication, case report 12719

duplication simulating pyloric stenosis, case report 2234

heterotopic pancreatic tissue in pyloric region simulating polyp 35068

interposition between liver & diaphragm in dextrolateral diaphragmatic relaxation (Ger) 22927

malposition of cardioesophageal junction, differ. diag. from cardio-chalasia in inf. (It) 29737

partial esophagogastric duplication (Rus) 55269

***abscess***

caused by empyema of gallbladder, surg. (Dut) 29957

***anatomy and histology***

abomasum structure in buffalo (It) 1931

cardiac orifice 6137

cardio-esophageal junction, comparative anat. in vertebrates 23560

cardioesophageal junction, surg. anat. 19894

microscopic dimensions of pit region of dog's gastric mucosa 3689

rumen, reticulum & omasum structure in buffalo (It) 1930

***blood supply***

mucosal blood flow, eff. of splanchnic nerve anesth. in dogs (Sp) 31024

vasc. factors in peptic ulcer (Rus) 33223

***cysts***

gastroenterogenic cysts of mediastinum (Ger) 54943

mediastinal gastrogenic cyst with bronchial communication causing peptic bronchitis, unusual case 35933

***diseases***

*see also* GASTRITIS 22289

acute dilat. caused by nasal oxygen inhalation 25053

anthrax (Dut) 28780

assoc. with Ménière's dis. 37731

bloat in ruminants, review 20010

cardio-chalasia & gastroesophageal reflux, differ. diag. from malposition of cardioesophageal junction in inf. (It) 29737

caused by adrenal cortex hormone, irgapyrin & phenylbutazone ther. of rheum. (Fr) 10268

caustic lesions without esophageal damage (Rus) 45748

climatother. & atropine - phenobarbital - procaine prep. (Ger) 51872

diag. & surg., review (Fr) 24263

diag., photochem. imprint of mucosa, technic (Rus) 33606

diag. problems posed by lesions of lesser curvature (Sp) 6579

eosinophilic granuloblastoma, pathol. & case report (Por) 28089

eosinophilic granuloma, obstruct., with arteriomesenteric duodenal compression & obstruct., case report 3923

eosinophilic infiltration, x-ray diag. 8572

erosions (Sp) 8845

exper. reflex dystrophy, pathol. & ther. (Rus) 36572

exulceratio simplex of cardia, detection during esophagoscopy case report (Fr) 14388

exulceratio simplex, pathogen. & surg. (Fr) 24246

fibrous stricture caused by iron pois. in child. 31640

funct. disord. & chronic gastritis, sleep ther. (Rus) 28834

funct. disord. in young adults (Rus) 45140

funct. disord. of cardia in child., x-ray diag. technic 40465

gastrocardial synd., x-ray kymography (Ger) 39381

gastroesophageal reflux 22288

gastroesophageal regurgitation, physiol. mechanisms of longitudinal esophageal musc. 18061

hypokinesia, gastralgia, gastritis & ulcer, ther., isopropamide iodide (It) 39521

in working personnel, problems of working schedules & cond. in relation to dispensatory care (Ger) 11134

indust. dispensary care (Ger) 11138

interstitial fibrosis, anadenia & gastritis in chronic liver dis. (Ger) 49692

laparoscopy, diag. value (Ger) 15468

Mallory-Weiss synd. 14658

Mallory-Weiss synd., surg., total gastrectomy, case report 2140

massive cascade 17 years after left pneumonectomy (Ger) 26164

nervous stomach in nervous patients 41238

occlusion with intrathoracic perf. of gastric ulcer of greater curvature & diaphragmatic hernia, case report 872

perigastric inflamm. pseudotumor & abdom. aortic aneurysm causing pyloric stenosis, case report (Fr) 1455

phlegmon (Rus) 32567

phlegmon, acute & chronic, pathol. & surg. (Ger) 34545

phlegmon, surg. & long-term results (Rus) 6005

postop. dehiscence through counter-incision in diaphragm in diaphragmatic hernia surg. 1228

preop. diag. errors, statist. (Sp) 8906

primary phlegmon, clin. aspects (Rus) 5989

prolapse of mucosa into duodenum (Por) 44459

ruminal parakeratosis in sheep caused by pelleted feeds, review 20017

syphilis, case report (Por) 39980

syphilis, surg. (Ger) 55712

ther., gentian & ignatia plant extracts (Ger) 51861

torsion in omental aberrm. & diaphragmatic relaxation (Rus) 51183

torsion, intermittent, causing habitual vomiting (It) 42764

transitory dilatation in rare case of polyphagia (Ger) 32645

volvulus, chronic or intermittent, diag. & surg. (Fr) 40957

volvulus with herniation through long-standing traum. diaphragmatic hernia, case report 882

with pulm. tuberc., ther. (Rus) 51207

x-ray diag. of benign & malignant lesions 21048

***diverticula***

(It) 8592

cardia, surg. (Rus) 6000

case reports & review (It) 1095

clin. manifest., x-ray diag. & ther. (Sp) 44519

diverticulitis (Bul) 32766

in complete situs inversus viscerum (Rus) 5999

precardial, x-ray diag. (Rus) 45771

subjective manifest. 15947

with gastric ulcer, x-ray manifest. & case report (Sp) 43903

x-ray diag. & case reports (It) 19177

***effect of drugs on***

aminopterin on glands & mucosa in mice, histol. study 24816

antrenyl, on secretion of gastric mucosa, histochem. study (It) 3856

histamine & reserpine on mucosa, comparison (Sp) 43918

iproniazid, on motility & secretion, relation to changes in metab. of endogenous serotonin (Ger) 49693

polymyxin B causing acute gastric lesions by histamine liberation in rats, influence of various blocking agents 50123

prednisone on mucosa of rat, increased activity after adrenalectomy (Fr) 23716

raumitorine on gastric motility (Fr) 48924

Rauwolfia vomitoria extracts on gastric funct. in rats (Fr) 3119

Rauwolfia vomitoria reserpine-free extract in dogs (Fr) 15155

reserpiline, on motility (Fr) 26836

***extracts***

mucosal extract, eff. on blood chylomicrons in basal cond. & after fat meal in aged (It) 42613

***fistula***

gastrocolic & gastrojejunal, surg., Wilkie operation (Sp) 9721

gastroduodenal, with peptic ulcer, case report (It) 9309

gastrojejunal, surg. (Ger) 22177

gastrojejunocolic, x-ray manifest. & surg. (Sp) 35970

postop. develop. of gastrojejunal ulcer into gastrojejunocolic fistula after surg. for duodenal ulcer, statist. 12026

ruminocolic, in ewe 40417

***foreign bodies***

chicken-bone causing hematemesis, fatal case 14209

magnetic in rumen & reticulum of bovine stomach, removal by paracentesis, technic 4626

***hemorrhage***

blood picture (Pol) 20412

caused by acetylsalicylic acid ther. of rheum. arthritis, diag. by occult blood in feces 14247

caused by ruptured arteries, comparison with diapedesis (Fr) 47746

causing pois. (Dut) 19737

comparative venous & arterial origin & relation to gastric juice secretion in dog 10139

differ. diag. from intestinal obstruct., hemogram (Ger) 29406

esophagogastric hemorrh. caused by portal hypertension, surg. ther. (Fr) 31688

essential (Pol) 20429

in diabetic coma (Rus) 53468

massive, physiopathol. (Ger) 52205

recur., conservative ther. & surg. (Dut) 53539

surg. (Pol) 20423

surg. (Pol) 30746

surg., partial resection in parenchymal hemorrh. (Pol) 20432

ther. (Pol) 20425

x-ray during acute stage (Pol) 20415

***in aged***

anat. & funct. aspects in senile patients (It) 36734

***in various diseases***

hyperthyroidism, motor funct. (Rus) 32891

pernicious anemia 28991

rheum. arthritis (Pol) 53149

***metabolism***

amino acids & pigment of gizzard lining of chick 46699

electrolytes, postop. determ. in aspirated gastric contents (Por) 16121

glucuronide synthesis by gastric mucous membrane, eff. of x-irradiation of rats 317

histamine metab. by dog mucosa in vitro 12578

in plasma cell myeloma 31969

lipolysis in sheep rumen 42964

mucosal mucopolysaccharides, comparison with stomach tumor tissue mucopolysaccharides, fractionation method & chem. 22263

urease, inhib. by substance in blood serum & possible antibody nature of inhibitor (Ger) 27911

***microbiology***

bact. changes in rumen during onset of feed-lot bloat of cattle & characteristics of Peptostreptoc. elsdenii 47624

bact. synthesis of butyric acid in rumen of sheep 4731

ciliate Entodinium alpinum n. sp. from rumen of Alpine Ibex (Ger) 34306

detection of unfavorable changes in ruminal ingesta, methods 4630

eff. of various rations on number of free ruminal bact. in sheep 25163

maintenance of oligotrich protozoa from sheep rumen in vitro 19655

metab. of isoleucine, leucine, proline & valine by microorganisms of bovine rumen in vitro 25407

occurrence & properties of large gram-negative coccus from rumen of calves 40837

rumen bact. conversion of D-xylose to volatile fatty acids 13399

rumen microorganisms of sheep, substrates for β-glucosidase 13697

***pathology***

aspiration biopsy of mucosa, diag. value (Ger) 368

biopsy, relation to blood pepsinogen level 42135

exfoliative cytol. as specialty 24444

exfoliative cytol. with chymotrypsin lavage, comparison with x-ray diag., gastroscopy & exam. of gastric acidity (Por) 16125

heterotopic gastric tissue in diverticulum of colon 5663

mucosa in pernicious anemia, biopsy 26037

mucosal biopsy & cytol., diag. value, review (Ger) 15644

***perforation***

abomasal perf. in steer 4645

by aneurysm of splenic artery, x-ray manifest. (Fr) 6400

by esophageal rupt., causes & surg. (Sp) 25936

penetrating inj., diag. & surg. 32729

spontaneous in newborn, x-ray diag. 7944

***physiology***

absorp. of water & electrolytes in dogs (Fr) 1448

amount of gastric contents in normal inf. & asphyxiated newborn inf. 202

antral motility, eff. of ordinary & excessively fatty breakfast 15946

changes in periodic activity in exper. tuberc. in fasting dogs (Rus) 52982

contractions, eff. of radial acceleration in dogs (Rus) 37172

contractions, eff. of vagotomy (Rus) 49553

digestive & secretive funct., depression by total body cooling & local gastric hypothermia in cat & rat, clin. application of local gastric hypothermia in massive hematemesis 21998

direct visual exam. of interior of whole isolated stomach, technic (Fr) 3085

eff. of cysteamine & menadiol tetrasodiumdiphosphate on delayed gastric emptying caused by whole body irradiation in rat, comparison with normal rat 14124

eff. of exper. gastritis on secretomotor activity in dogs (Rus) 13850

eff. of gastric intubation on leukocyte count (Cz) 9492

eff. of gastric intubation on leukocyte count, influence of tetracaine admin. (Cz) 9493

eff. of gastric mucous on tablet disintegration 40372

eff. of hypothalamic electric stimulation in dogs on motor funct. (Rus) 49560

eff. of ingestion of cold liquids on ECG (It) 42854

eff. of mechano-stimulation on erythrocyte & leukocyte count in normal cond. & gastric pathol. (Rus) 7800

eff. of portal ligation on gastric neuro-vasc. structures, human cadaver studies (Rus) 48049

eff. of portal venous ligation on gastric secretory responses in dogs with denervated gastric pouches 28621

eff. of secretory & reservoir funct. of stomach on nutrition in dog 37853

eff. of stimulation of vagus nerve on funct. of cardia (Ger) 33975

eff. of stimulation on cortical & subcortical electric activity (Rus) 49537

emptying of carbohydrate & protein, eff. of nature of test meal in rat 17826

emptying time, relation to abdom. migraine 31252

exper. dilat. causing increase in myocardial glycogen in rabbits, influence of adrenal cortex (It) 44025

funct. relation between reticulum & rumen in sheep (It) 37316

gastric proteolytic enzyme form. & elimination in fetus & newborn inf. (Ger) 34133

gastroesophageal sphincter, mechanisms in prev. of reflux esophagitis 5866

gastroesophageal sphincter pressure profile, improved method of detection 20809

hemodynamics of gastric secretion 13312

importance of esophagus in coordinated activity of prestomach in sheep (It) 37317

in hibernating arctic ground squirrels, histol. comparison with warm & active animals 12929

iodide transport across stomach wall, comparison with thyroid transport in rats 49249

ion transport & bioelectric potentials in frog gastric mucosa, eff. of potassium 13574

mast cell count in normal mucosa 24848

mechanical stimulation causing blood pressure changes in hypertensive patients (Cz) 9490

mechanical stimulation, eff. on bile ducts (Cz) 9491

motor activity after surg. for peptic ulcer (Rus) 5985

motor activity during digestive activity, technic of investigation in dogs (Rus) 49556

motor funct., eff. of cortical & subcortical polarization on x-ray picture (Rus) 1749

motor regulation by splanchnic nerves, eff. of denervation of spinal ganglia (Rus) 15763

motoricity (Fr) 15200

mucosal changes in female rats after hypophysectomy, histopathol. (Fr) 26901

mucosal regen. after exper. inj. in rats 12941

neutral red transfer into stomach, mechanism 15940

osmotic factor regulating food intake in rat 17083

parietal cell mass in relation to acid secretory response to histamine in dog 12579

postmortem diffusion of alcohol through stomach wall (Ger) 39033

prod. & absorp. of organic acids by perfused goat rumen 44071

radiosulfur excretion by gastric pouch in dogs, eff. of histamine admin. 36574

reflex inhib. of ruminal atrium by electrical stimulation of abomasal nerve in sheep, significance (It) 37318

regen., epithelial (Rus) 33295

regen. of fundic mucosa in rats, eff. of various hormones & of ablation of endocrine glands on epithelization 34949

rumen, contraction of atrium, in lambs, morphol. & relation to other portions of rumen (It) 1525

rumen, eff. of electrical stimulation of abomasal nerve on atrium & ventral sac motility in lambs (It) 1527

rumination in goats, mechanism of regurgitation 5780

rumination in lactating cows, eff. of milking 35384

stimulation of mechanical & chem. receptors in measurement of secretion & motility in various dis. (Cz) 9489

tolerance of hot food in stomach, role of cooling amplitude (Ger) 25245

***radiography***

(Sp) 6600
6603

after partial & total gastrectomy with resection of cardia (Ger) 15846

gas bubble projected above diaphragm, x-ray differ. diag. from diaphragmatic hernia (Ger) 39384

in diag. of chronic pancreatitis (Fr) 17986

in diag. of diaphragmatic hernia, technics 33878

mucosal image intensification by use of naphazoline (It) 29654

of cardioesophageal junction, technics & diag. value 19896

round lacunae of benign origin (Fr) 41396

tomography of gastric walls, using double gas contrast (Sp) 49153

transillumination, indic. & technic (Ger) 38936

use of $\alpha,\alpha$-dimethylbenzylamine (It) 8553

with promethazine for prod. of temporary hypotonia (Por) 18831

***rupture***

spontaneous in 2-year old inf., fatal case (Pol) 30759

traum., simultaneous with spleen rupt. (Ger) 42920

***stenosis***

caused by acid in attempted homicide, management (Por) 21074

hour-glass stomach, benign & malignant, differ. diag. (It) 25566

hourglass stomach simulated by malignant leiomyoma & sarcoma, x-ray (Por) 8736

***surgery***

*see also* GASTRECTOMY

autogenous skin grafts to gastric wall after mucosal stripping in dogs & pigs 54690

compl., early & late postop. hemorrh. (Rus) 53919

cystogastric anastomosis in pancreas cysts, case reports (Fr) 42416

cystogastrostomy in pancreatic pseudocyst, case reports (Sp) 31016

double duodeno- & gastro-jejunal anastomosis in sub-Vaterian duodenal atresia (Fr) 42447

downward fixation, indic. & results (Fr) 36634

esophagogastrostomy, esophageal resist. to HCl & pepsin, relation to postop. esophagitis in dog 22043

excis. of esophagogastric junction & form. of physiol. sphincter by jejunal interposition 16659
54666

exper. mucosal excis., prev. eff. on histamine-induced ulceration in cats 51562

exploratory gastrotomy & gastrectomy for ulcer (Sp) 8181

fundoplicatio in reflux esophagitis (Ger) 7082
39833

gastroenteroanastomosis, causing late retrograde invagination & cancer (Ger) 42893

gastroenterostomy, compl., jejuno-jejuno-gastric invagination occurring 6 years later (It) 24939

gastroenterostomy, juxtapyloric in peptic ulcer & palliation of cancerous stenosis of pylorus, technic (Fr) 1456

gastroenterostomy, postop. transanastomotic tube feeding 23474

gastroileostomy, postop. seq. (Ger) 55721

gastrointestinal anastomosis, postop. invagination of small intestine into stomach (Rus) 41548

gastrostomy, case report with 56-year follow-up 5348

gastrostomy, permanent, with late postop. develop. of gastric cancer 848

high intrathoracic esophagogastrostomy in esophageal stenosis, postop. metab. eff. in growing child 51164

inadvertent gastroileostomy, review (It) 25540

pancreatico-gastrostomy by pancreatico-duodenal resection in carcinoma of head of pancreas or Vater's papilla 35067

secondary, indic. (Ger) 40972

transgastric catheter drainage of pancreatic pseudocysts fused to gastric wall 34970

transpleural esophago-fundal anastomosis for cardiospasm, postop. anemia (Rus) 6007

use of ileal & jejunal loops in stomach surg. 39934

***wounds and injuries***

surg., statist. (Fr) 18634

## STOMACH NEOPLASMS

26404

benign tumors (Ger) 51865

benign tumors, manifest. & case reports (Sp) 18840

carcinoma in situ (Por) 1570

cardial carcinoma, extension to various layers of stomach & to lymph nodes (Ger) 48354

classif. & progn. (Ger) 51238

early forms (Rus) 45199

myoma (Pol) 53191

polype & polyposis, surg. 54714

polype, pathol., diag. & case reports 36007

sarcoma 35872

sarcoma, pathol. & case reports 12953

***blood in***

ABO blood groups, etiol. relation 4838

blood group determ. (Ger) 55736

count (Rus) 33221

leukemoid reaction (Ser) 51698

***case reports***

(Ser) 9946

after gastrectomy in peptic ulcer (Rus) 33583

after gastrectomy in peptic ulcer, incidence 10098

after peptic ulcer perf. (Rus) 33584

after surg. in peptic ulcer (It) 47814

argentaffinoma (It) 1519

develop. in permanent gastrostomy 848

double cancer with different histol. characteristics (Fr) 35048

epithelial cancer with lymphoid leukemia & serum protein disord. (Fr) 36662

fibromyoma (Ger) 52239

fibrosarcoma (Pol) 30860

gastric stump (Ger) 29475

Hodgkin's dis. 43085

Hodgkin's dis. (Rus) 32571

late develop. after gastroenterostomy for peptic ulcer (Sp) 44505

late develop. of cancer after gastroenterostomy & gastrectomy for peptic ulcer & benign pyloric stenosis 54655

leiomyoma (Rus) 6002

leiomyosarcoma 17483

leiomyosarcoma (Fr) 31970

limited to mucosa layer (Fr) 36628

lipoma 853

lipoma (Ger) 49689

lymphosarcoma (Fr) 36665

lymphosarcoma, solitary, large follicular (Ger) 55704

lymphosarcoma, total gastrectomy, postop. subphrenic abscess & esophago-jejunal fistula, ther. & recovery (Sp) 1835

lymphosarcoma, with lymphatic leukemia (Fr) 36661

lymphosarcoma, x-ray aspects (Fr) 41381

metastatic from rhabdomyosarcoma of arm (Por) 44452

neurilemmoma (Pol) 30748

neurilemmoma, solitary, case report (It) 37531

neurinoma (It) 53770

neurinoma, exogastric, with perf. causing grave hemorrh. (It) 39683

neurinoma, malignant, in region of cardia (Rus) 52900

neurofibrosarcoma 2523

plasma cell myeloma (Rus) 6004

plasmacytoma of stomach & lung 48191

primary metastasizing choriocarcinoma in senile nullipara (Ger) 55525

reticulum cell carcinoma (It) 7727

sarcoma (Rus) 6001

sarcoma, primary (Rus) 32570

with tuberculoid reaction of lymph nodes (Ger) 45966

***complications***

acanthosis nigricans (Bul) 45293

cancer of appendix, recur., total gastrectomy with right hemicolectomy 52684

causing hour-glass stomach, differ. diag. from benign bilocular stomach (It) 25566

gastric volvulus & massive hemorrh. caused by leiomyoma, case report 27047

hemorrh. from benign tumor (Pol) 20433

hemorrh., vasc. pathol. (Pol) 20411

hemorrhagic diathesis, case report 13166

infiltration of tumor cells into skin lymph vessels simulating terminal emboli (Ger) 49010

intramural myoblastoma causing gastroduodenal intussusception 50878

invasion of duodenum (It) 25563

joint dis., case report 14232

metastases to hepatic pedicle 11867

metastasis to bone marrow, with leukoerythroblastic anemia 50064

metastasis to Douglas pouch, diag. by rectal palpation (Sp) 39103

metastasis to ureter 5928

migration of leiomyoma to duodenum by invagination of posterior gastric wall, x-ray manifest. & case report (Sp) 15485

motor funct. disord. (Rus) 32547

neoplastic invasion of bone marrow causing panmyelophthisis, postmortem pathol. (It) 1490

perf. into free peritoneum (It) 25717

subacute bullous hemorrh. dermatomyositis, postmortem, pathol. (Fr) 37860

thrombotic thrombopenic purpura in diabetic (Pol) 30751

tuberc. of mesenteric lymph nodes (Rus) 45189

***diagnosis***

(Rus) 32548

blind gastric biopsy in reticulum-cell sarcoma 35672

cardia neoplasms, methods (Rus) 5979

cytol. (It) 29634

cytol., abrasive balloon method (Sp) 46759

cytol., critical evaluation (Fr) 36654

cytol. exam. of stomach scrapings, value (Pol) 43863

cytol., exfoliative abrasive & chymotrypsin lavage technics 534

cytol., exfoliative, technic, accuracy & case reports 2937

early diag. 2200

early diag. (Bul) 28758

early diag. (Ger) 54362

early diag. possibilities (Por) 16135

fibroma, x-ray diag. (Rus) 10828

gastrotomy in precancerous cond. (Rus) 45662

papilloma, giant, x-ray (Ger) 38900

round cell sarcoma, early x-ray diag. (Fr) 44304

x-ray diag. (Fr) 39487

x-ray diag. (It) 25559

x-ray diag., early 46058

x-ray diag. of benign & malignant lesions 21040

x-ray diag. with artif. pneumoperitoneum & double contrast technic (Rus) 5982

***differential diagnosis***

gastrointestinal amyloidosis 12716

giant hypertrophic gastritis, x-ray manifest. & case report 17200

in Denmark, criteria & statist. (Dan) 25826

malignant leiomyoma & sarcoma from hourglass stomach, x-ray (Por) 8736

peptic ulcer 47508

peptic ulcer, intravenous protein admin. as test (Ser) 22638

peptic ulcer, x-ray differ. diag. 20489

sarcoma (Ger) 49051

***etiology and pathogenesis***

degen. of peptic ulcer, diag. problems (Por) 8733

gastroenteroanastomosis as late seq. (Ger) 42893

*experimental*

histopathogen. of methylcholanthrene-induced cancer of glandular stomach in C57BL mice after intramural inject. 20531

*heredity*

genetic studies in man, review 14746

*immunology*

serol. activity of desoxyribonucleoproteins, determ. by cotton fabric sorption (Rus) 48017

*in infant and child*

tridermoma in newborn inf. surg., partial gastrectomy (Sp) 13900

*in pregnancy*

develop. from peptic ulcer, autopsy report (Hun) 41987

diag. (Rus) 12134

metastasis to ovaries, case reports (Ger) 25179

*metabolism*

adrenergic substances & hydrolyzed orthophosphate in vasc. wall of stomach (Rus) 33605

histochem. findings (Ger) 29115

protein & chlorine content of gastric mucosa in stomach cancer (It) 21503

44815

tumor tissue mucopolysaccharides, comparison with gastric mucosa, fractionation method & chem. 33283

*pathology*

angiographic investigation of vasc. changes in cancer & precancer in resected specimens (Rus) 33580

funct. precancerous stage of gastric juice, polarographic, electrophoretic & biochem. studies by continuous paper electrophoresis 49664

histol. aspects of relation between gastric adenomatous polyps & gastric cancer 38064

hypothalamus & perimamillary magnocellular nucleus, physiopathol. 9458

linitis plastica, biopsy technics, diag. value (Fr) 21336

lymphatic vessels (Rus) 33581

reticulosarcoma, primary, anatomoclin, study (It) 25565

*physiology*

high-molecular constituents of gastric juice, polarographic, electrophoretic & biochem. studies 49662

histamine refractory anacidic specimen in gastric juice, electrophoresis 49663

*statistics*

3924

constitutional factors 11759

in Caribbean region & Venezuela, comparison with esophageal cancer 24173

in U. S., variation in incidence & mortal. 5419

precancer, hosp. statist. (Rus) 55342

*surgery*

cardia neoplasms (Rus) 5980

33215

cardia resection, long-term results (Rus) 5984

*therapy*

esophageal & cardial, inoperable, palliative ther. with plastic intubation (Dan) 22433

esophageal & cardial, inoperable, plastic intubation, Mousseau-Barbin's method (Dan) 22434

lymphosarcoma, radiother. & surg., case reports 29769

x-irradiation of pituitary (Ger) 49012

*urine in*

pepsinogen, diag. value of determ. (It) 20180

*STOMACH ULCER see* PEPTIC ULCER

**STOMATITIS**

*case reports*

with pancytopenia & thymoma 20150

*in infant and child*

diag. & ther. (Sp) 9686

*therapy*

antibiotics (Ger) 42389

caffeic acid prep. (Ger) 4062

**STOMATITIS, APHTHOUS**

*see also* FOOT AND MOUTH DISEASE

*see also* HERPES

chronic recur. (Ger) 30968

*complications*

mycosis of eyelids (Fr) 26361

*etiology and pathogenesis*

etiol. diag. by buccal mucosal tests, technic 16520

*pathology*

aphthosis en plaques with nodular lesions, histopathol., comparison with Behçet synd. & Weber-Christian panniculitis (Ger) 16089

*therapy*

(Fr) 27534

*STOMATITIS, ULCERATIVE see* VINCENT'S INFECTION

**STRABISMUS**

*see also* AMBLYOPIA

A & V synd., etiol. 35775

clin. & statist. survey in Copenhagen child. 23850

concomitant, diag. & ther. (Fr) 21350

eff. of anesth. & premedication on squint angle 23851

esophoria & exophoria at distance between eye & fixation light, with intermediate zone of orthophoria (Dut) 29956

etiol. & ther. 43798

fixation disparity 15737

fixation disparity, appar., procedure & problem of constant error 24579

fixation disparity, physiol. basis 3533

natural adaptation 55049

progn. for outgrowing strabismus & for funct. & cosmetic cure, criteria & value 12458

*case reports*

convergent, unusual form 43355

divergent fusional movements in acute esotropia (Ger) 51253

*complications*

amblyopia, determ. of visual acuity (Ger) 24274

*etiology and pathogenesis*

congen. absence of three rectus oculi musc., surg. (Rus) 45714

*heredity*

corresponding & mirror-image strabismus in monozygotic twins with hered. retinal malform., case reports (It) 23727

in monozygotic twins (It) 23720

Verhoeff's bilateral corresponding occlusion hypertropia in monozygotic twins (It) 23729

*manifestations*

Hertwig-Magendie deviation, nosol. (Ger) 51268

*surgery*

concomitant, remote results (Rus) 45701

divergent strabismus 24535

double folding of eye musc. by simple suturing 23873

eff. on fixation point in amblyopic eye (Ger) 51265

eff. on postop. binocular vision (Rus) 22561

myectomy of inferior oblique musc. in secondary cyclovertical deviation (Ger) 28667

postop. diplopia, prediction & prev. (It) 13941

*therapy*

concomitant, conservative ther. (Ger) 22826

concomitant convergent strabismus (Dut) 7316

current status (Ger) 3291

diagram for ther. of concomitant esotropia & exotropia 15742

early, prev. of amblyopia (Ger) 19045

orthoptics (Fr) 9089

orthoptic & surg. ther. (Fr) 14485

orthoptics, oblique fixation of squinting eye (Pol) 28849

partial occlusion by polarized glasses (Ger) 28915

**STRAMONIUM**

alkaloid synthesis, eff. of adipic acid & methylamine 50253

Datura stramonium, eff. of gibberellic acid on growth & alkaloid biogenesis 40385

eff. of atropine & 2,4-D on leaf accumulation of atropine-type alkaloids 16723

x-ray induced mutations in (Ger) 30598

*administration*

asthma cigarettes of stramonium leaves, determ. of alkaloid content of smoke (Ger) 29910

*effects*

inhalation of smoke on excitability of cardiac pneumogastric nerve, in dogs (Fr) 26884

**STRANGULATION**

by cord, strange cases of possible murder or suicide, medico-legal aspects (Fr) 47433

*experimental*

cause of death in cats (Rus) 52954

*STRAUB ENZYME see* DEHYDROGENASES

**STREPTOCOCCAL INFECTIONS**

*see also* ENDOCARDITIS, SUBACUTE BACTERIAL

*see also* ERYSIPELAS

*see also* RHEUMATIC FEVER

*see also* SCARLET FEVER

beta-hemolytic, of throat, diag. & antibiotic ther. 48788

clin. individuality of enterococcal sepsis (It) 8050

gyn., incidence & diag. in gyn. clinic of Helsinki 36044

in maternity hosp. 14298

tonsillitis, focal infect. (Ger) 38971

*blood in*

streptoc. anti-proteinase 28429

*case reports*

resp. infect. caused by Griffith type 1 Streptoc. with glomerulonephritis, familial outbreak 18378

*complications*

gas gangrene caused by anaerobic streptoc. infect., case report 53743

pharyngo-amygdalitis & scarlet fever, causing hypertension (Rum) 43994

pharyngo-amygdalitis, causing hypertension, relation to action of streptoc. toxin on vasc. receptors (Rum) 43991

tonsillitis, causing rheum. fever (Fr) 54170

*diagnosis*

delayed recovery of streptoc. from throat swabs, methods & results 805

laboratory technics 14464

Lancefield group A hemolytic streptococci identification with bacitracin screen test, evaluation 21838

*epidemiology*

A, in wild rodents in U. S. 17482

in hosp., relation to increased use of antibiotics & other antibact. agents 31257

in Rumania, clin. aspects & prophylaxis (Rum) 31122

nephritis outbreak in small Hungarian community (Hun) 52911

*experimental*

anerobic, mechanisms of synergistic infect. by anerobic streptoc. & Micrococcus aureus in guinea pigs & rabbits 5190

eff. of gamma globulin with chloramphenicol, in mice (It) 42701

eff. of hyaluronidase on survival & dissemination of streptoc. injected into hamster cheek pouch 16871

eff. of various doses of inoculum & hypnotic agents in sleep ther. in rats (Rus) 7803

eff. on growth of intranasally-deposited leukemia cells in mice 26994

heart lesions in white rats (Rus) 25754

induction of inertia in cerebrocortical excitatory processes in rat (Rus) 34715

protective eff. of sulfonamide-bound serum proteins (Ger) 34076

*immunology*

autoantibodies against myocardium in rabbits (Cz) 30169

purification of antigens detected by precipitin analysis in agar 5005

*in infant and child*

beta hemolytic, diag. by throat cultures in school community 54524

immunol. reactivity in treated & untreated infect. (Ger) 288

laboratory methods of study in a school population 35248

pharyngitis caused by tetracycline-resist. streptococci of group A, type 12 23512

prev. in hosp. by central placement of washbasin in nursery 7013

statist. in a school population 36247

transm. under institutional conditions 6139

*in pregnancy*

endocarditis caused by $\alpha$-hemolytic streptoc., ther. 54591

*microbiology*

penicillin tolerance of streptoc. infecting bovine udder 16777

*prevention and control*

in hosp., staff cooperation 7012

penicillin prev. of $\beta$-hemolytic streptoc. infect. among healthy siblings in rheum. families, review 35710

penicillin prev. of $\beta$-hemolytic streptoc. infect. in rheum. fever, comparison of dos., review 35711

sulfamethoxypyridazine prev. 35715

*therapy*

benzathine penicillin G, value in rheum. fever prev. 54281

**STREPTOCOCCUS**

antistreptohyaluronidase titer in uveitis 34914

application of CAMP reaction to human beta-hemolytic strains 25149

bactericidal eff. of mouse blood for nonvirulent group A streptoc., ineffectiveness in vitro 50601

beta-hemolytic strains, radiophosphorus labeling & detection in exper. infect. (Cz) 30153

biochem. differentiation of group A & human C streptoc. 52413

group D streptoc., differentiation of exogenous strains after intestinal passage (Ger) 34460

β-hemolytic, isolation & identification method (It) 43269

hemolyticus, composition of protoplasm (It) 1977

hemolyticus groups A, C, & G, identification (Ser) 10904

identification of toxic cellular component of group A streptococci as complex of group-specific C polysaccharide & protein 40812

in tonsils of slaughtered swine (Ger) 46267

in water, as cause of failure in E. coli determ. (Ger) 25244

isolation & counting of fecal streptoc. in water by filtering membranes (Fr) 47398

prod. of group-specific serum for differentiation (Ger) 34051

protoplasts of group A beta-hemolytic streptoc. 19533

pyogenes fixation of surface-active anions after treatment by heat, chemicals or enzymes (Fr) 54385

pyogenes, toxin purification (Rus) 34646

serol. group differentiation (Ger) 25252

strains isolated from blood (Ger) 46097

strains isolated from chronic tonsillitis patients (It) 30686

toxin in induction of acute glomerulonephritis (It) 13967

toxin in induction of glomerulonephritis in rabbits, eff. of perfrigeration of animals (It) 13968

vaccine ther. of rheum. arthritis, admin. inject. in femoral artery (Fr) 2477

***culture***

capsule & M-antigen in determining colony form. of group A streptoc. 50537

elective media for isolation of Streptoc. from mixed flora (Ger) 46277

factors in Streptoc. bifidus cultures stimulating growth of Lactobacillus bifidus, mechanism of action (Ger) 46270

medium for isolation of group A hemolytic streptoc. 5273

***effect of drugs on***

antibiotics, determ. of sensitivity by Difco disk technic (Indonesian) 41968

antibiotics, resist. of β-hemolytic strains (Fr) 53302

bacitracin, selective eff. in relation to serol. grouping (Cz) 14800

penicillin, sensitivity of non-hemolytic strains isolated from throat during penicillin ther. 54594

sulfonamides resist., determ. in beta hemolytic strains (Cz) 2760

sulfonamide resist. of beta hemolytic strains in vitro 28413

***immunology***

allergens of non-scarlatinous strains (Uk) 29551

antigen release from cell wall by phage-assoc. lysin 28322

atypical behavior of some human & rabbit bloods in bactericidal test for type-specific antibody to group A 5010

Group A carbohydrate, chem. basis for its serol. specificity 4999

group D streptoc. in rumen of calves, antigenic analysis 17902

prod. of antihyaluronidase & use in determ. of immunol. reactivity in rheum. fever (Ger) 11986

R antigen specific for Group A type 3 streptoc. 5001

role in panhemagglut. & polyagglutinability (Fr) 47395

type specific antibodies to Streptococcus pyogenes 36994

***metabolism***

activity of Streptoc. agalactiae on casein of heat-sterilized milk 25160

biotin & pantothenic acid requirement for dextran synthesis from sucrose in rumen strains of Streptoc. bovis 40853

dextran prod. from sucrose by rumen strains of Streptoc. bovis 5092

enzymes in beta hemolytic Streptococcus strains, fractionation & specificity 49393

hyaluronic acid form. in Streptoc. pyogenes with & without hyaluronidase-inhibitor synthetic resin 53 DK, phys. chem. properties 13690

hyaluronic acid synthesis, relation to infectivity in mice of β-hemolytic strains 17473

polysaccharide C of phage-resist. variants of A & C hemolytic streptoc. (Ger) 34503

## STREPTOCOCCUS FAECALIS

***culture***

selective medium for rapid identification & counting (Fr) 36084

47383

***metabolism***

L-asparagine, nature of trichloroacetic acid-soluble metabolites 47700

isolation & characterization of peptides bound to adenylic acid 37124

## STREPTODORNASE AND STREPTOKINASE

specificity of streptokinase 44148

***antagonists***

antistreptokinase in blood in rheum. dis., diag. value of determ. (Rum) 31141

antistreptokinase levels in blood of normal & tuberc. guinea pigs (Fr) 3099

***effects***

on Streptoc. mitis vegetation size & longevity in bact. endocarditis in dogs, intravenous admin. 17580

streptokinase-activated fibrinolysin, mechanism of its inactivation (Ger) 48069

streptokinase activation of fibrinolysin, influence of heparin in vitro 54310

streptokinase activation on enzymatic proteolysis of blood (It) 13510

streptokinase induction of lysis of blood clots in rabbits, reversal by 6-aminocaproic acid 34962

streptokinase inhib. of Shwartzman phenomenon induced by bact. endotoxins in rabbit 23463

streptokinase lysis of exper. arterial thrombus in the dog (Fr) 54306

streptokinase on healing of bruised tissue in cattle & rabbits 20745

***in blood***

clearance rate of streptokinase after admin. to normal & to immunized men 4861

***therapeutic use***

(Ger) 35580

antiphlogistic eff. of streptokinase 20152

purulent micrococcal infect. in child. (Cz) 14850

streptokinase in early myocardial infarct, massive & prolonged ther. 33076

streptokinase in trauma & inflamm. (Ger) 51851

thromboembolism, prev. & ther., local admin. (Ger) 6050

urol. inflamm., intramusc. admin. (Cz) 9448

## STREPTOLYSIN

***see also*** ANTISTREPTOLYSIN

diag. value of streptolysin reactions in rheum. fever in child. (Pol) 30234

***antagonists***

culture filtrates of various bact. (Fr) 48802

***effects***

O, smooth musc. activity after intracerebral admin. (Cz) 38231

## STREPTOMYCES

aureofaciens, induced & natural variability (Rus) 36353

characterization of Streptomyces species 13329

classif. of Streptomyces species (Ger) 15671

coelicolor, genetic analysis of segregants from heterokaryons of 28211

coelicolor, heterokaryon form. controlled by a compatibility system 31441

griseoflavus, heterokaryosis & genetic recombination 37975

griseus, protoplasts 50344

growth characteristics & microscopic appearances of various species & strains 2551

olivaceus phages & lysogenicity of its cultures (Rus) 19121

prod. of antibiotics from 37972

190/1, prod. of speciomycin (Pol) 29495

violaceus, prod. of antiviral antibiotic violarin I (Rus) 36354

***culture***

culture filtrate eff. on tumor cells & on ova of Ascaris 16799

form. of protoplast-like structures by various species 2571

hydrogen sulfide prod. by Streptomyces as criterion for species differentiation 4710

rimosus, develop. in submerged culture 18106

***effect of drugs on***

hydroxychlororaphin, inhib. of growth in vitro 7140

iron on oxytetracycline prod. in Streptomyces rimosus 23778

***immunology***

technic of passive hemagglut. as applied to streptomycetes 37973

***metabolism***

acetoin biosynthesis by various strains (Ger) 15664

actinomycin biosynthesis by Streptomyces antibioticus, eff. of amino acids 52293

aureofaciens prod. of chlortetracycline, stimulation by benzyl thiocyanate admin. 28408

aureofaciens, sub-surface fermentation in tetracycline prod. (Pol) 39496

chitinase, eff. on Aspergillus oryzae 52419

chlortetracycline biosynthesis in Streptomyces aureofaciens, relation to resp. activities (Fr) 47421

griseus chitinase system, purification & activity 13752

griseus freeze-dried mycelium, oxidation of amino acids 40429

griseus intact mycelium, oxidation of glutamic acid 40430

griseus, redox potential, dried residue, reducing substance & catalase activity (Ger) 23151

griseus synthesis & release of protease (Rus) 19118

hydrogenans, enzymic reduction of 17α,21-dihydroxy-20-keto-steroids to 17α,20β,21-trihydroxysteroids (Ger) 49911

hydrogenans, enzymic reduction of 17α,21-dihydroxy-20-keto-steroids to 17α,20β,21-trihydroxysteroids, isolation & properties of enzyme (Ger) 49912

## STREPTOMYCIN

***see also*** DIHYDROSTREPTOMYCIN

***see also*** TUBERCULOSIS, *therapy*

stability of pharmacopeia prep. (Ger) 53095

***determination***

in mycelia, during fermentation (Rus) 36391

maltol method, eff. of various factors on accuracy (Rus) 36392

***effects***

Diplococcus pneumoniae resist., develop. after treatment with serum albumin prep. 54389

eff. of chlorpromazine on sensitivity in white mice (Rus) 49426

on bact., sensitivity & cross-resist., comparison with kanamycin 25000

on bact., susceptibility & cross-resist. to other related antibiotics 31386

on blood pressure & resp. responses to stimulation of various interoceptors, on survival in exper. anoxia & on exper. allergy (Rus) 7799

on brain ammonia (Rus) 37184

on carboxylase activity in vitro (It) 13991

on E. coli, dependence, replacement of streptomycin by growth factor in E. coli extract 16286

on exper. influenza, pulm. changes in mice (Pol) 29518

on exper. intestinal obstruct., with chloramphenicol (It) 54265

on exper. moniliasis in mice 52282

on exper. Shigella keratoconjunctivitis (Rus) 36400

on exper. tuberc., alone & with tuberculin (Fr) 21399

on exper. tuberc. in mice, methods of testing & evaluation of results 25855

on exper. tuberc., mechanism of action (It) 35158

on exper. tuberc. with kanamycin-resist. M. tuberc. in guinea pigs 16463

on exper. tumors (Rus) 36381

on Hemophilus influenzae in vitro, with chloramphenicol & penicillin (Fr) 13047

on incidence of tuberc. in child. in Milan (It) 42792

on induced develop. of atypical variants of H37Rv strain 45455

on intestinal flora (Ger) 41745

on labyrinth (Tur) 45437

on leukocyte migration in mouth (Rus) 36407

on M. tuberc., develop. of atypical variants of H37Rv strain in vitro 24732

on M. tuberc., fatty acid components of lipids from streptomycin-sensitive & resist. M. tuberc. 16288

on M. tuberc., initial sensitivity of strains isolated from patients with untreated primary pulm. tuberc. (It) 24920

on M. tuberc., resist. (Dut) 52480

on M. tuberc., resist. (Rus) 31182

on M. tuberc., resist. strain causing meningeal tuberc. in child (Fr) 21397

on M. tuberc., sensitivity & resist. in relation to biochem. (It) 1540

on M. tuberc. strain resist. to acriflavine, variation from streptomycin dependence to non-dependence 40206

on M. tuberc., survival & growth after removal of drug (Jap) 18169

on M. tuberc., variation from streptomycin dependence to non-dependence 40205

on metab. (Rus) 36396

on Micrococcus pyogenes, virulence after storage in presence of streptomycin for varying periods (Fr) 21308

on Mycobact. parstuberc. cultures on solid media containing various concentrations of TB broth base (It) 37441

on Neisseria gonorrhoeae strains isolated in 1944 & 1957 48250

on nucleic acid & phosphate metab. of E. coli 1374

on Pasteurella pestis, exper. infect. with resist. & dependent strains, eff. of antibiotics (Rus) 36402

on Salmonella typhosa, antigenic aspects (Rus) 36362

on Salmonella typhosa, eff. of auxotrophic properties on virulence of resist. strains (Rus) 36409

on Salmonella typhosa, variability during artif. adaptation (Rus) 11471

on secretory capacity of tuberc. kidney (Fr) 46769

on Shigella toxin intoxication, detoxication by streptomycin (Rus) 36377

on Vibrio fetus, sensitivity & emergence of resist. mutants 40843

tissue reactions in exper. tuberc. foci, comparison with isoniazid & PAS (Fr) 21400

*injurious effects*

allergic reactions to neomycin-streptomycin (Fr) 9634

allergy (Ser) 22354

allergy, skin tests (Bul) 32779

bronchopulm. moniliasis, ther. nystatin (It) 20405

fatal Fiedler's myocarditis in ther. of tuberc. 10536

hearing & equilibrium disord. (Ger) 43840

hypersensitivity, intradermal test result statist. (Bul) 32777

side eff. in ther. (Rus) 31213

side eff. in ther., prev. (Bul) 32812

toxicoallergic reaction (Rus) 33513

*metabolism*

synthesis by Actinomyces species, requirement of phosphorus (Rus) 19116

*preparation of*

eff. of oils on fermentation during synthesis (Rus) 36356

*related compounds*

streptomycin glucuronate, exper., antibact. & ototoxic eff. 46484

streptomycin pantothenate, exper. & clin. evaluation, review (It) 9312

streptomycin sulfate, analysis & properties (Fr) 1050

*therapeutic use*

amebiasis, intestinal, with bacitracin 4194

bullous dermatitis with septicemia caused by streptomycin-resistant Micrococcus pyogenes aureus strain, paradoxical cure (Hun) 37245

burns, with hydrocortisone, local admin. 14065

corneal ulcer caused by E. coli hemolytica & Pseudomonas aeruginosa, with neomycin (Ca) 14834

gonorrhea & non-specific urethritis (Ger) 22984

gonorrhea, with penicillin & sulfathiazole (Rus) 22508

granuloma annulare, results of topical admin. (It) 42557

in appendectomy, intraperitoneal instillation, with penicillin (Ger) 6714

leishmaniasis, with cortisone & hydrocortisone supplement 3046

multiple sclerosis, with isoniazid, comparison with cortisone (Ger) 33866

perf. appendicitis, with chloramphenicol & sulfonamides (Ger) 11371

postop. compl., statist. 30129

prep. for prolonged retention in lymph (Rus) 36357

sinusitis in child., admin., inverted Valsalva displacement method (Sp) 49148

*toxicity*

inner ear reactions in mice (Rus) 55219

*STREPTONIVICIN see* ANTIBIOTICS

STRESS

*see also* GENERAL ADAPTATION SYNDROME

caused by endoprosth. & medullary nailing in orthopedic surg. (Ger) 29485

caused by malform., emotional relief after plastic surg. (Sp) 31799

combat stress, resist., influencing factors 11873

concept applied to nutritional & psychosomatic management of mucosal otorhinolaryngol. dis. 18490

drive strength in relation to stress adaptation in rats 36085

eff. of chlorpromazine, meprobamate & pentobarbital on performance of behavioral task under stress 50514

eff. of epinephrine on blood alcohol in accid. stress (Ger) 49107

eff. of manipulation of rats in infancy on adrenal response to cold stress 50507

etiol. role of occup. stress in coronary dis., review 2511

glycyrrhizin inhib. of pituitary-adrenal stress responses in rats 5000

isolation stress in med. & ment. dis. 16626

mechanisms, relation to forces of senescence 50168

psychol. relation of stress disord. to idiopathic epilepsy 29334

relation to connective tissue dis. 22727

resist. to surg. stress, determ. by measurement of uropepsin excretion (Ger) 45962

soc. stress & ment. dis. from 18th century to present & origins of soc. psychiatry 51948

stress in modern & past ways of life, comparison 3784

stress resist. in thymectomized rats 16726

ther. value of stress 22725

*effects*

ACTH release during severe stress in rats treated with morphine & pentobarbital 35082

acute stress on response of rabbits to intravenous E. coli endotoxin 48724

acute systemic stress on blood & urinary inorganic phosphorus in normal & parathyroidectomized rats 16291

adrenocortical reactions during acute clin. stress, review (Fr) 21274

auditory & visual stress on blood cholesterol & coronary arteries in rats 24834

autonomic responses of child. to specific dent. stress 28095

cold stress on adrenalectomized rats, eff. of asiatic acid glycoside on resist. (Fr) 48874

depletion of adrenal vitamin C in manipulated inf. rats responding to cold stress 44970

determ. by flicker fusion frequency, methodol. (Ger) 44220

dissociation of corticosterone response from adrenal vitamin C response to stress in rats with hypothalamic lesions 15590

early handling on viability of rats 20864

electroshock stress on DOCA-induced hypertensive cardiovasc. dis. in sensitized rat 45379

flying stress on urinary 17-hydroxycorticoid levels in flight crew 4705

goiter induction 18762

increased gonadotropin secretion of anterior pituitary in rats 35367

induction of eosinopenia, mechanism & biol. significance, review & exper. study (Por) 1567

induction of exper. cardiac & coronary necrosis, eff. of pretreatment with electrolytes & corticoids (Ger) 44936

induction of exper. myocardial infarct with sodium salts or with steroids, inhib. by potassium & magnesium 29218

induction of gastric ulcers in hooded rats placed in conflict situation, relation to social experience 4380

induction of peptic ulcer in monkeys subjected to psychol. stress in laboratory appar., review 32358

induction of urinary corticoid excretion in guinea pigs, influence of morphine 12507

on ACTH in blood in normal & adrenalectomized rats 46588

on arterenol & epinephrine excretion in urine 8646

on blood cholesterol & blood lipids (It) 37293

on blood cholesterol levels in med. students at examinations 28285

on blood hexosamine levels 32227

on blood hexosamine levels, role of liver in prod. of excess 32228

on brain serotonin content in hares (Fr) 39261

on capillary sensitivity to adrenal cortex hormones 4871

on diabetes mellitus & on corticoid secretion 3362

on electrolyte balance in women 12413

on 3-ethoxy-4-hydroxybenzoic acid in human urine 19665

on glycogen synthesis in adrenalectomized rats, response to glycine & hydrocortisone 35805

on hypothalamus-pituitary-adrenal cortex interaction in humans (Fr) 39893

on leukocyte count in blood from heart of normal & castrated rats under stress 35114

on lower neuron activity 15724

on mast cell activity in rat mesentery 22004

on mast cell heparin activity in rats (Sp) 53976

on MMPI scale scores 40708

on pathogen. of myocardial infarct in 3α-methyl-9α-chloro-hydrocortisone conditioned rats (Ger) 47904

on performance in motor learning in child. 50546

on potassium, sodium & water balance in castrated male pigs (Fr) 32017

on verbal performance 5044

on weight of ovaries, relation to duration of stress 36039

peptic ulcer form. or exacerbation (Sp) 21153

pituitary ACTH response to stress in adrenalectomized rats, influence of blood ACTH level 19496

potassium chloride stress on rats after prolonged admin. of hydrocortisone (It) 1900

psychol. stress on adrenocortical funct. 46449

psychotrauma in etiol. of glandular cystic hyperplasia of endometrium, statist. & animal exper. 23742

retardation of onset of puberty in female rats 23743

rhinol. disord. 36275

simulated flight stress on uropepsin excretion in airmen 55899

stress caused by separation from love object, on induction of menorrhagia & metrorrhagia 50869

surg. stress on adrenal cortex funct. (Fr) 15213

surg. stress, on adrenal glands in dogs, cytochem. study 54708

surg. stress on resist. of rat to inoculated cancer cells 13319

thermal stress on CNS of man, biochem. basis for disturbances produced 29838

zona glomerulosa participation in adrenal cortex response to stress 39264

STRIDOR

*see also* LARYNGISMUS STRIDULUS

*etiology and pathogenesis*

abnorm. aortic vasc. ring form. causing congen. stridor, surg. (Dan) 10643

*in infant and child*

caused by abnorm. aortic vasc. ring form., case reports (Dan) 10639

STRONGYLOIDEA

*see also* ANCYLOSTOMA

Oesophagostomum, parasitic species in man (Fr) 14449

STRONGYLOIDIASIS

Pulmostrongylus herpestis n. comb. from lung of mongoose from Fiji 5141

*case reports*

(Rus) 18898

intestines & lungs (Pol) 33735

overwhelming internal autoinfect. 16648

skin, caused by Strongyloides ransomi, westeri & papillosus larvae (Rus) 18877

*complications*

pulm. infiltrations, transient, in Strongyloides stercoralis infect. (Pol) 53152

*epidemiology*

in Japan 4333

*etiology and pathogenesis*

pathogenic mechanisms, case reports (Por) 30881

*experimental*

eff. of carbamate, organic phosphorus & other cpds. on Strongyloides stercoralis infect. in dog 40410

*immunology*

heterophile antibody in Oesophagostomum dentatum infect. in pigs 17104

*therapy*

(Por) 21076

STRONTIUM

*determination*

in biol. materials, flame spectrophotometry 19516

in milk, review 20026

in non-skeletal human tissues by modified neutron activation method 37078

in various eye tissues from animals & humans by modified neutron activation method 37079

*effects*

on nerve-musc. prep. of rat 13435

*in blood*

filterability in vitro in serum, comparison with calcium 20779

*metabolism*

deposition in rat bone, dietary determinants 44951

eff. of blood calcium levels in man 17573

eff. of complex-prod. substances (Rus) 51756

*radioactive*

accumulation in rabbit teeth 29806

determ. in teeth in various parts of U. S. 4402

detoxication & excretion, eff. of sodium calcium citrate & mechanism of action of citrate ion 2817

direct absorp. of dissolved strontium-90 by tadpoles 19705

eff. in white mice, external application (Rus) 6635

estimated accumulation in soil & crops, theoretical study (Fr) 48811

fallout, deposition & content in vegetation & human diet in United Kingdom 19542

fallout, world-wide distribution & uptake in man 14416

hazards 14141

hazards of fallout, exper. research 9565

in deer's antlers after fallout 29805

in food 20585

in gastric juice, adsorption with hydroxyl-apatite crystals (Rus) 1728

in milk, determ. & relation to atomic fallout 6995

induction of bone sarcoma in rats (Rus) 45758

maximum permissible body loads, determ. 54412

measurement in injected dogs by whole body Bremsstrahlung counting 43854

metab. in adult dogs & comparison with other isotopes 31347

potential hazard of world wide fallout from nuclear weapons testing 27806

radioautographic measurement of radiation dose-rate in rabbit bones after radiostrontium admin. 51301

removal from bone by peritoneal lavage, eff. of time of inject. & parathyroidectomy 31384

strontium-yttrium ther. of skin dis. (Ger) 15385

ther. of angioma & nevus flammeus (Ger) 45261

total body dos. in humans, determ. (Sw) 45360

STROPHANTHIN

ergotamine-strophanthin test in diag. of myocardial involvement in rheum. (Ger) 11027

*effects*

inotropic eff. on cation transport in myocardium of rats (Ger) 30530

on blood coagulation & heparin sensitivity in normal subjects & in compensated & decompendated heart dis. (It) 39654

on blood coagulation, heparin test (Rus) 3562

on blood vessels of isolated human hearts after myocardial infarct & angina pectoris (Rus) 52976

on coronary blood flow after acute obstruct. of coronary arteries in dogs (Ger) 55538

on coronary blood flow in cat heart-lung prep. (Ger) 30611

on exper. coronary dis. (Rus) 49433

on heart, eff. of potassium 36086

on heart, initial reading after single inject. (Ger) 35586

ouabain on heart of hypothermic dogs 446

ouabain on isolated right ventricle of guinea pig, comparison with actions of digitalis leaf prep., digitoxin & digoxin 41290

41321

ouabain on water reabsorp. from proximal tubule of salamander kidney 35793

potassium strophanthin & potassium strophanthoside, depolarizing action on isolated frog skin 49339

sex differences (Ger) 11249

k-strophanthoside on sodium transport through isolated frog skin (Ger) 27842

*injurious effects*

pois. of rabbit heart, eff. on sulfhydryl content 31341

*therapeutic use*

cardiac insuff., with adenylic acid (Ger) 42360

congestive heart failure, comparison with digitalis (Ger) 33891

heart dis., eff. of aging, comparison with normal subjects, review (Ger) 34150

STROPHANTHUS

identification of seeds from various species of Strophanthus 41327

STRYCHNINE

*antagonists*

meprobamate in rabbits (It) 13978

*determination*

in nux vomica, chromatography 19507

*effects*

convulsions, EEG (Ger) 36488

exper. cortical spasms in dogs, eff. of cholinesterase (It) 36772

on ECG (Fr) 14373

on inhib. of spinal motor neurons by various impulses 51112

*poisoning*

ther., sodium pentobarbital (Bul) 32755

*toxicity*

hazards 30128

*STUDENTS see* SCHOOLS

*STURGE-WEBER DISEASE see* ANGIOMATOSIS

*STUTTERING see* SPEECH DISORDERS

*STYE see* HORDEOLUM

SUBARACHNOID HEMORRHAGE

diag. & surg. 6125

progn. 46615

progn. when angiography reveals no aneurysm 46616

*etiology and pathogenesis*

cerebral aneurysm, review 7384

repeat cesarean section, case report 7494

*in pregnancy*

spontaneous 47013

*statistics*

(Fr) 41912

mortal. 14661

*surgery*

review 18697

*therapy*

conservative ther. & surg., indic. 41214

SUBARACHNOID SPACE

air inject. causing increase in urinary 17-ketosteroids, eff. of chlorpromazine admin. on levels (It) 37384

*diseases*

traum. hydropneumocephalus, case report (Ger) 23209

*radiography*

hypophysial, x-ray demonstration 24662

SUBLINGUAL GLAND

*innervation*

cholinesterase in nerves, eff. of postganglionic sympathectomy in rats, histochem. 34415

parasympath. nerves, histochem. demonstration of cholinesterase in rats 16784

SUBMARINES

changing patterns in submarine med. 29

escape methods after failure to surface 18070

escape technics & hazards 31263

submarine med. 42052

submarine med. aboard nuclear submarines 30

SUBMAXILLARY GLAND

*anatomy and histology*

cytochem. changes after subcutaneous inject. of atropine in mice 20117

eff. of castration, of testosterone & of 19-nor-testosterone phenylpropionate on histol. in male & female rats, comparison (It) 49591

histol., cytol. & cytochem. changes after subcutaneous inject. of pilocarpine in mice 20110

*calculi*

with concurrent osteoid osteoma of mandible, case report 20148

*diseases*

Küttner's dis., case report (It) 9305

*effect of drugs on*

estradiol benzoate on histol. in rat (It) 49597

*hormones*

S-parotin, eff. of various chem. reagents on its biol. activity 49237

*innervation*

cholinesterase in nerves, eff. of postganglionic sympathectomy in rats, histochem. 34415

parasympath. nerves, histochem. demonstration of cholinesterase in rats 16784

*neoplasms*

case reports (Sp) 39139

epithelioma in girl, pathol. & ther. (Fr) 31048

*pathology*

in naturally acquired rabies in dogs 45564

*physiology*

oxygen consumption & blood flow in dogs at rest & during secretory activity 48441

regen., eff. of denervation (Rus) 33293

salivary flow as test of chorda tympani funct. as aid in diag. & progn. of facial paralysis 18487

*SUBSTANTIA NIGRA see* MESENCEPHALON

*SUBTILIN see* ANTIBIOTICS

SUCCINATES

*effects*

bis-(o-cresyl) succinate antag. of vitamin E, negative results (Ger) 28053

molecular structural changes of proteins after reactions with succinic anhydride 13780

on histamine-liberation from sensitized guinea pig lung slices during anaphylactic reaction, correlation with oxygen uptake 1383

on lung oxygen consumption in exper. silicosis (Rus) 33564

succinic acid dimethyl-aminoethanol ester diiodomethylate, eff. of Congo red on reactivity (Rus) 37210

tartaric acid inhib. of phylogenetic distribution of acid phosphatase 52318

*metabolism*

arginosuccinic acid synthesis, reversibility & enzyme mechanisms 40510

dioxosuccinic acid, nonenzymic decarboxylation 16930

liver, eff. of vitamin E on oxidation in rat liver mitochondria 40568

lymphoid tissue, eff. of desoxycorticosterone on oxidation by cell-free prep. of rat tissue 1397

myocardial lipid components of enzyme system catalyzing oxidation of succinate & reduced coenzyme I 40523

oxidation, eff. of thyroxin (It) 13863

patterns in tissues of tumor-bearing rats in vivo 26473

succinic acid distribution in brain & other tissue after intraperitoneal inject. in mouse, application to etiol. of schizophrenia in man (Ger) 32681

*SUCCINIC ACID see* SUCCINATES

SUCCINIC DEHYDROGENASE

activity in single slice of brain tissue, quantitative determ. (Rus) 10940

activity of various rat organs, eff. of somatotropin admin. 204

as measure of tissue oxygen consumption & cellular metab. 22743

cytochrome b of succinic dehydrogenase system, kinetics & inhib. 28274

distribution in organs of adult rats, histochem., review 23544

from Monilia albicans, eff. of thimerosal 22915

in adrenal in rat, histochem. distribution & eff. of hypophysectomy, ACTH & cortisone 39198

in aorta samples from man, rabbit & dog, comparison 12570

in Aspergillus niger during citric acid accumulation (It) 39227

in brain & liver, eff. of ajmaline, reserpine & serpentine in rat 4191

in brain, eff. of ovariectomy & steroid admin. in rats 52377

in cervical cancer (It) 20907

in cochlea, eff. of sounds in guinea pigs (Ger) 36440

in fetal goat & human cardiac & skeletal musc. 46550

in hypothalamus in rats, eff. of serotonin admin. 39255

in left ventricle of heart, eff. of glucagon on content in rats (It) 14016

in liver during rapid growth following partial hepatectomy in mice, histochem. 47087

in liver, eff. of dietary protein levels in rats 40082

in liver, eff. of sex hormones in rats (It) 44283

in liver, eff. of tetrahydro-2-naphthylamine on activity in rats (It) 1886

in liver, eff. of tetrahydro-2-naphthylamine on activity in vitro (It) 1888

in Micrococcus pyogenes & Salmonella paratyphi, eff. of Eucalyptus decoction (Uk) 29553

in myocardium of cattle, role of iron atoms in electron transfer activity 47939

in myocardium of hypophysectomized rats, eff. of somatotropin admin. (It) 37372

in myocardium of hypophysectomized rats, eff. of thyrotropic hormone admin. (It) 37373

in myocardium of normal & of hypophysectomized rats (It) 37370

in myocardium of normal rats, eff. of desoxycorticosterone acetate admin. (It) 37374

in normal & abnorm. musc., histochem. demonstration 23554

in placenta of x-irradiated rabbits (It) 53753

in rat brain tissue, histochem. demonstration 17305

in silicotic granuloma in rabbits, histochem. determ. (Fr) 26763

metab., eff. of vitamins in rabbit (Rus) 39340

metab. in various organs, eff. of anti-tuberc. drugs & vitamin C (Rus) 49435

partial dissociation of succinic dehydrogenase complex in tissue sections, histochem. demonstration 51286

SUCCINIC OXIDASE

eff. of tranquilizing agents & related cpds. on succinic oxidase system 1351

in liver of rats fed 3'-methyl-4-dimethylaminoazobenzene, eff. of adrenalectomy & desoxycorticosterone 2675

in spinal ganglion cells & glial capsule cells of rabbits 5491

mechanism of interaction between 2 electron acceptors in succinic oxidase system of rat liver mitochondria 50071

review (Pol) 30893

site of action of electron acceptors & relation to site of inhib. by urethane in succinic oxidase system of rat liver mitochondria 50070

*antagonists*

inhib. eff. of fatty acids present in rat intestinal mucosa 40571

SUCCINYLCHOLINE

pharmacol. & adjuvant in anesth. (Pol) 8091

*administration*

with bis-p-dimethylaminoethoxyphenyl-3-methylbutane diiodomethane (Fr) 13987

***determination***

Schönemann colorimetric reaction, application to demonstration of acetylcholinesterase activity 16704

***effects***

28316

eff. of oxytocin on response 40336

on exper. post-rotatory nystagmus (Ger) 36443

on heat prod. in various animal species (Fr) 54886

on resp. in cross-circulated dogs, dual mechanism of action 41285

on unanesthetized normal men, continuous intravenous infusion 23540

prod. of neuromusc. block in exper. animals, influence of tetraethylammonium 23535

***in blood***

binding by blood proteins (It) 37462

***injurious effects***

apnea, duration in relation to admin. of blood or plasma (It) 14013

apnea in brothers, case report 28963

prolonged resp. paralysis for bronchoscopy (Ger) 23031

***therapeutic use***

adjuvant in anesth. 12966

adjuvant in electroshock ther., eff. on reduction of fract. 3388

adjuvant in electroshock ther. (Hun) 40050

adjuvant in electroshock ther. (It) 35012

adjuvant in manual reduction of cervical spine disloc. (Fr) 24250

anesth. in female genital surg., admin. by prolonged drip infusion, with phenothiazine potentiation (Ger) 34594

general anesth. adjuvant in cesarean section 12972

in craniotomy, drip admin. 47337

in surg. of fract. (Ger) 42890

narcotic addict. (Ger) 42298

***SUCRASE*** *see* **CARBOHYDRASES**

**SUCROSE**

absolute & relative sucrose preference thresholds in rat, eff. of hunger & satiation 50512

radiocarbon-labeled, prep. using detached sugar beet leaves 48460

***effects***

on mercury distribution in kidney fractions after admin. of mercuric chloride to rats 748

on protoplast form. by E. coli treated with glycine (Fr) 3125

***metabolism***

dextran prod. from sucrose by rumen strains of Streptoc. bovis 5092

dextran synthesis from sucrose in rumen strains of Streptoc. bovis, biotin & pantothenic acid requirement 40853

in diabetes mellitus (Sp) 44564

losses from total body sucrose space in salt-depleted rats, comparison with total body & tissue losses of sodium & chloride 47108

permeability of frog smooth musc. to sucrose 12480

polysaccharide synthesis by Pseudomonas fluorescens in media containing sucrose 23938

***related compounds***

sucrose esters of fatty acids (It) 1851

***therapeutic use***

coconut oil with sucrose in infantile dystrophy (It) 29126

***SUDDEN DEATH*** *see* **DEATH, SUDDEN**

***SUDECK'S ATROPHY*** *see* **OSTEOPOROSIS**

***SUFFOCATION*** *see* **ASPHYXIA**

***SUGARS*** *see* **CARBOHYDRATES**

**SUGGESTION**

ment. contagion, definition & psychol. mechanisms 47195

suggestibility, relation to dependency 17177

***therapeutic use***

anxiety neuroses, with placebos 50832

enuresis, with amphetamine (Rus) 34693

value in GP 18651

**SUICIDE**

attempted, by butane & butabarbital, resuscitation with Engström appar. (Fr) 36106

attempted by iproniazid, case report 49199

attempted, by meprobamate 42101

attempted, by meprobamate in large dose, case report (It) 21430

attempted by meprobamate, pentylenetetrazole ther. (Fr) 10593

attempted by mercurous chloride (Hun) 7691

attempted by pois. 4148

attempted, by pois. in adults 19907

by asphyxia, medicolegal aspects (Ger) 12105

by butcher knife & strangulation with cord, medico-legal aspects of strange cases (Fr) 47439

by chloroform ingestion, case report (Fr) 1337

by chloroquine, case reports (Fr) 36093

36197

by formaldehyde, case report (Fr) 36103

by ingestion of ammonia (Fr) 36101

by meprobamate (Pol) 30086

by multiple gunshot wds., differ. diag. from homicide (It) 6922

by parathion, case report (Fr) 1338

by uranyl acetate pois. (Ger) 22812

causes & prev. 29341

communication of suicidal intent, analysis of 134 suicides committed 47175

current incidence & causes (It) 20974

in allergic subjects (Ger) 4045

in general hosp. 14559

in stormy weather (Ger) 27134

management of suicidal patient 1170

methods of med. investigation of suicide by firearms, hanging, drowning, chemicals, cutting instruments & fire 54865

occurring during group psychother. 47197

soc. & psychol. aspects (Fr) 36132

suicidal risk in a municipal general hosp., statist. 39161

***prevention and control***

nurses' role in prev. 7520

responsibilities of physicians 23419

***psychology***

49612

(Ger) 35400

analysis of personality structure of 26 actual suicides 50909

psychoanalytic interpretation of fantasy of being rescued in suicide 8409

relation of suicide to murder 17052

suicidal behavior of depressive patients & etiol. factors in suicide 17760

suicides & attempted suicides in mental patients 2635

***SULFACETAMIDE*** *see* **SULFONAMIDES**

***SULFADIAZINE*** *see* **SULFONAMIDES**

***SULFAMERAZINE*** *see* **SULFONAMIDES**

**SULFANILAMIDE**

pharmacol. of new prep. (Ger) 9549

***effects***

on exper. bact. infect. in rats & mice (Fr) 13052

***injurious effects***

sensitization causing asthma, case report (It) 36733

***metabolism***

eff. of aminopterin antag. on sulfanilamide acetylation 44114

***related compounds***

sulfanilic acid, use in blood test for diag. of plasma cell myeloma (It) 2506

***therapeutic use***

pneumonia, lobar, post-ther. pathol. anat. (Rus) 33265

***SULFAPYRIDINE*** *see* **SULFONAMIDES**

***SULFATASES*** *see* **ESTERASES**

**SULFATES**

***see also*** **BARIUM SULFATE**

***see also*** **MAGNESIUM SULFATE**

***see also*** **THIOSULFATES**

ceric ammonium sulfate, catalytic eff. of iodotyrosine deriv. on reduction by arsenious acid in presence of chloride 38517

copper sulfate method for determ. of blood proteins 44901

***determination***

in synovial fluid in arthritis & synovitis, comparative levels, review 20014

***effects***

copper sulfate molluscicidal eff. on snails in control of schistosomiasis 2451

copper sulfate, on musc. fibers reactivity to cysteine & edathamil (Rus) 22653

cupric sulfate inactivation of auxin action on growth of fungus Nectria (Fr) 3033

dimethylsulfate inhalation, on catalase activity of blood, in guinea pigs (It) 51659

inhib. of thiosulfate utilization by Neurospora crassa strains 1366

sodium sulfate infusion causing alkalosis in dogs (Ger) 43020

tap water containing sulfates on gastric secretion & on absorp. rate (Ger) 28419

***metabolism***

activation & transfer of sulfate groupings, mechanisms & role in biosynthesis 9557

bact., counting of sulfate-reducing bact. in mixed bact. populations 7241

choline sulfate, enzymic form. in Aspergillus sydowi 13814

eye, in scorbutic & hormone-treated guinea pigs, autoradiography, review & exper. 47051

in cartilage & bone of rachitic rats, eff. of parathyroid extract 31395

incorporation by rib cartilage slices from calf, eff. of vitamin C oxidation 17323

lacrimal gland uptake of radiosulfur-labeled sulfate as assay of ophthalmotrophic activity of thyrotropic hormone in guinea pigs 35136

Saccharomyces cerevisiae, enzymic anaerobic reduction to sulfides (Ger) 47966

uptake by epiphyseal cartilage in x-irradiated mice, radioautographic study 51303

uptake in growing bones of cockerels treated with cortisone & anabolic steroid 17-ethyl-19-nortestosterone 39195

utilization by Penicillium chrysogenum mutants 5879

***poisoning***

ferrous sulfate pois. in inf., ther., exchange transfusion 5730

***therapeutic use***

copper & nicotine sulfate mixture in nematode infect. in sheep 30350

pernicious anemia in pregn. (Sp) 21202

sodium sulfate-antipyrine-procaine ear drops in acute otitis media 35292

sodium sulfate-supplemented milk in idiopathic hypercalcemia in inf. 7875

**SULFATHIAZOLE**

reaction with stains, eff. of serum (Fr) 18181

***effects***

on exper. influenza, pulm. changes in mice (Pol) 39518

on Propionibacterium shermanii synthesis of vitamin B12 (Pol) 23580

***related compounds***

formocibasol, ther. of acute diarrhea with iodochlorhydroxyquin 4198

phthalylsulfathiazole, ther. of leukorrhea, with neomycin, boric & lactic acid (Ger) 18954

sulfaethidole, blood levels & urinary excretion after repeated oral admin. 16709

sulfaethidole ther. of urinary infect., sustained release admin. 33110

sulfamethizole concentration in blood & urine after oral admin. 40359

sulfamethizole with phenyl-diaminopyridine & tetracycline in ther. of urinary infect. (It) 36964

thiazolsulfone, preop. & postop. protection in pulm. resection for tuberc. 18545

***therapeutic use***

gonorrhea, with penicillin & streptomycin (Rus) 22500

prev. of ophthalmia neonatorum in Credé's method, as substitute for silver nitrate (Pol) 27591

**SULFHYDRYL COMPOUNDS**

***see also*** **CYSTEINE**

***see also*** **DIMERCAPROL**

***see also*** **GLUTATHIONE**

***see also*** **MERCAPTOETHYLAMINES**

***see also*** **MERCAPTOPURINE**

diphenyldithiophosphinic acid addition to unsaturated cpds. (Ger) 13370

eff. of bact. exotoxins on nonprotein sulfhydryl compound content of tissues of various animal species 37070

mercaptoacetic acid reaction with cystine leading to form. of asymmetric disulfide containing half-cystine 26964

mercaptoacetic acid reaction with cystine leading to mercaptolysis of cystine, kinetics 26963

oxidation with selenite catalyst, mechanisms of reaction 28275

***antagonists***

eff. of sulfhydryl group blockade on funct. of frog nerve & lobster axon 4809

sulfhydryl-blocking principle in garlic extracts causing tumor inhib. 38085

***determination***

cytochem. determ. of sulfhydryl groups, methods 3766

in biol. materials, rapid method (It) 37455

in blood & brain homogenates, silver & mercury methods (Rus) 48052

in micro- & ultramicro-lytic tissues (Rus) 37142

mercaptoacetic acid, application of technic to other sulfhydryl cpds. 5761

sulfhydryl group content & funct. in liver glutamate dehydrogenase 40508

***effects***

abolishment of inhib. of oxidative phosphorylation of cerebral cells induced by chlorpromazine & 1-piperidino-methyl-tetralon-2 (Ger) 13745

benzenethiol & deriv. on DDT-resist. Musca domestica & Periplaneta americana 48353

2,3-dimercaptopropane sodium sulfonate, antidotal eff. in exper. mercury pois. (Rus) 33189

ethanethiol on M. tuberc. grown in monocytes in vitro 19469

6-ethyl-8-mercaptooctanoic acid, inhib. of growth of microorganisms 40452

6-ethyl-8-mercaptooctanoic acid on acetate generation or transfer in bact. enzyme systems 40453

3-hydroxy-4-hydroxymethyl-5-mercaptomethyl-2-methyl-pyridine & other compounds, radioprotection in mice & rats (Ger) 32638

inhib. of mitosis of pea seedlings by reaction of 3,6-pyridazinedione with sulfhydryl groups 13724

mercaptoacetic acid on phagocytosis of bact. in vitro 54387

2-mercaptoethanol & ethanethiol, selective destruction of agglutinins 25942

2-mercaptoethanol on structure of mitotic appar. in sea urchin eggs 3498

on 2,3,5-triphenyltetrazolium chloride eff. on metab. of ascites carcinoma cells (Ger) 18340

sensitization of skin in humans & guinea pigs 28442

sulfhydryl cpds. of nucleic acids & deriv., protective eff. against action of mechlorethamine-N-oxide on blood & liver (Fr) 48934

sulfhydryl groups & their inhibitors on radiocobalt distribution in mice 13220

***in blood***

in cancer (It) 55087

in malignant blood & lymphoid tissue dis. (It) 55088

***injurious effects***

mercaptoacetic acid ammonium salt in permanent wave solution causing dermatitis (Ger) 22949

22989

***metabolism***

actomyosin & ATP components in diphasic musc. activity, review (Jhu) 22489

CNS (Rus) 37141

crystalline lens of animals, amperometric determ. (Ger) 24270

distribution in hypothalamus & neurohypophysis of toad (Sp) 8976

endocrine glands in normal & pathol. cond., review (It) 39658

in potato tumors (Rus) 1733

liver during carcinogenesis in rat, intracellular changes in levels of polarographically active sulfhydryl groups 7132

liver, inhib. by vanadium in rats 7216

musc., eff. of insulin on content in rat diaphragm prep. 52371

non-protein thiol cpds. in various pathol. cond., review 15011

protein-bound sulfhydryl groups in sea urchin egg, from fertilization to 2 cell stage, cytochem. 16950

reaction with component peptides of Saccharomyces cerevisiae to produce hydrogen sulfide without enzyme activity (Fr) 26338

renal distribution in med. dis. of kidney, bioptic determ. (It) 29699

ribonucleic acid, intervention of sulfhydryl groups 19638

sulfhydryl-containing proteins in anterior pituitary of various poikilothermal vertebrates, content & distribution (Fr) 48816

sulfhydryl content of strophanthin-poisoned & failed rabbit hearts 31341

sulfhydryl group form. from disulfide bond reduction in mouse organs by alkali treatment, determ. technic 17524

sulfhydryl group content of various rat organs, eff. of somatotropin admin. 204

sulfhydryl groups in plasma membrane, relation to plateau form. in myelinated nerve fibers & ventric. musc. fibers of toad 52300

x-ray inactivation in rats (Rus) 37134

***preparation of***

p-aminobenzenethiol deriv., prep. & testing for activity (It) 49415

arylmercapto-hydroxy-quinolines, prep. & antimycotic eff. (Ger) 13372

***therapeutic use***

diethyl dithiolisophthalate in leprosy 51364

## SULFIDES

***see also*** CARBON DISULFIDE

diphenylsulfide deriv. in synthesis of sulfonamides (It) 49411

disulfide bonds in chymotrypsinogen & trypsinogen, cleavage studies 40493

***effects***

hydrogen sulfide & sodium sulfide, on blood sugar (Rus) 3578

on Feulgen & periodic acid-Schiff reactions (Dut) 7360

***in blood***

disulfide bond behavior in human blood treated with alkali 17523

***injurious effects***

contact dermatitis caused by phosphosesquisulfide in match boxes 38887

***metabolism***

disulfide bonds in mouse epidermis, eff. of painting with benzopyrene & methylcholanthrene 17525

disulfide bond reduction to sulfhydryl groups in mouse organs by alkali treatment, determ. technic 17524

disulfide group distribution in hypothalamus & neurohypophysis of toad (Sp) 8976

hydrogen sulfide, non-enzymic form. by reaction of component peptides of Saccharomyces cerevisiae with sulfhydryl cpds. (Fr) 26338

hydrogen sulfide prod. by Streptomyces as criterion for species differentiation 4710

Saccharomyces cerevisiae, form. by enzymic anaerobic reduction of sulfates (Ger) 47966

*SULFISOXAZOLE* ***see*** SULFONAMIDES

## SULFITES

***effects***

bisulfite causing degradation of epinephrine solutions stored in oxygen-free atmosphere 16703

***injurious effects***

fatal asphyxia in cellulose workers (Ger) 46222

***metabolism***

oxidation by xanthine oxidase as a sensitive assay method for the enzyme 40525

***therapeutic use***

sodium hyposulfite in liver & kidney dis. (Sp) 20628

*SULFOBROMOPHTHALEIN* ***see*** PHENOLPHTHALEIN DYES

## SULFONAMIDE MIXTURES

***determination***

combined spectrophotometry & chromatography for separation & identification (It) 37290

sulfathiazole, sulfadiazine & 3-sulfanilamido-6-methoxypyridazine tablets, technics for separation & identification (It) 37289

***effects***

marbadal with sulfamerazine on exper. toxoplasmosis in mice, alone & with pyrimethamine (Ger) 34329

relation between blood levels & intensity & duration of eff. (Ger) 21599

***therapeutic use***

4-carboxymethylamino-4-amino-diphenyl sulfone- sulfadiazine-sulfamethazine prep. in gonococcic & non-gonococcic urethritis (It) 19173

common infect. in combination with novobiocin, evaluation 1275

dosulfin in E. coli infect. of bile ducts (Ger) 29409

dosulfin in pediatrics (Sp) 39972

dosulfin in trachoma (Sp) 4069

dosulfin, in urinary & resp. infect. 53289

meth-dia-mer-sulfonamides with tetracycline in infect. dis., review (Fr) 17658

phthalylsulfathiazole-sulfadiazine-chloramphenicol prep. in typhoid fever (Ger) 7103

sulfamerazin-sulfamethazin prep. & benzathine penicillin G with procaine penicillin G supplement in postop. tube feeding after laryngectomy (Ger) 46156

triple sulfonamides in Hemophilus vaginalis vaginitis 35757

## SULFONAMIDES

***see also*** ACETAZOLAMIDE

***see also*** ANTIDIABETICS

***see also*** SULFANILAMIDE

***see also*** SULFATHIAZOLE

acetyl sulfamethoxypyridazine, AMA council report 16664

N$^1$-(2-6-dimethoxy-4-pyrimidinyl)-sulfanilamide, toxicol. & metab. studies in rats 55003

microchem. reactions with ammonia alone & with metallic salts (Dut) 20316

prontosil color excretion test in diag. of liver & biliary dis. (Ger) 39048

sulfadiazine sodium stability in ampuls, determ. of oxygen uptake in solution with anti-oxidants 4561

sulfamerazine & sulfamethoxypyridazine complexes with penicillin, prep. & properties (It) 48102

sulfamethoxypyridazine (Nor) 19953

sulfamethoxypyridazine, AMA council report 16663

sulfamethoxypyridazine, chem. structure, pharmacol. & ther. indic. 20557

sulfamethoxypyridazine, metab., tox. & ther. use (It) 9194

sulfamethoxypyridazine, pharmacol. & ther. indic. (It) 21430

sulfamethoxypyridazine, prep. & properties (Fr) 31068

3-sulfanilamido-6-chloropyridazine, sulfamethoxypyridazine, 3-sulfanilamido-2-phenyl-pyrazole & 3-sulfanilamido-2-phenyl pyridazine, comparative clin. trials 52073

3-sulfanilamido-2-phenyl-pyrazole, absorp., urinary excretion & clin. tox. (It) 52069

3-sulfanilamido-2-phenylpyrazole, pharmacol., metab. & clin. properties (Ger) 3275

sulfapyridines, cytotoxic eff. & structure (Pol) 29520

sulfaquinoxaline, pharmacol. in dairy cattle after oral admin. 13728

***administration***

depot prep., indic. (Ger) 42371

***effects***

aromatic sulfonamides, in vitro inhib. of carbonic anhydrase 28611

N1-(2,6-dimethoxy-4-pyrimidinyl)-sulfanilamide, eff. on exper. bact. infect. 31422

3,4-dimethyl-N-sulfanilylbenzamide, hypoglycemic eff. in dog (Sp) 8865

hypoglycemic arylsulfonamides on endogenous insulin & liver glycogen form. (Fr) 38685

hypoglycemic sulfonamides, potentiation of hypoglycemic activity of blood draining from pancreas in dog (Fr) 38665

on bact., determ. of sensitivity by freeze-dried disk technic 4590

on exper. streptoc. infect. bound with serum proteins (Ger) 34077

on melioidosis in mice 13343

on Proteus species in vitro, develop. of resist. (Fr) 13048

on Shigella dysenteriae, sensitivity (Pol) 29515

on Streptoc., determ. of resist. in beta hemolytic strains (Cz) 2768

resist. of bact. in inf. & child. infect. (Ger) 19414

resist. of beta hemolytic streptoc. in vitro 28413

sensitivity tests, testing for inhibitor-free medium 24445

sulfadiazine, on aging in animals (Ger) 52187

sulfadiazine on toxoplasmosis of eye & brain in guinea pigs 93

3-sulfanilamido-2-phenyl-pyrazole, duration of action, persistence in circ. & its activity (It) 52071

***history***

55271

***in blood***

sulfamethoxypyridazine levels after oral admin. in different dose schedules 13334

***injurious effects***

allergy, management (Sp) 6967

crystalluria, prev. by acetazolamide 234

hemolytic anemia, pathogen. comparison with anemia due to PAS (It) 37506

sulfadiazine (Rus) 45153

sulfamethoxypyridazine, adverse reactions in ther. of dermatitis herpetiformis 40291

sulfamethyoxypyridazine causing acute interstitial myocarditis, case reports 14681

sulfamethoxypyridazine causing dermatitis 3

sulfamethoxypyridazine causing psychosis 40088

sulfamethoxypyridazine ingestion causing prolonged urticaria 7441

***metabolism***

N1-(2,6-dimethoxy-4-pyrimidinyl)-sulfanilamide in blood & urine, determ. after oral admin. 50824

sulfamethoxypyridazine absorp. & excretion in blood & urine 4188

sulfamethoxypyridazine, distribution & excretion in mother & her newborn inf. 7599

sulfamethoxypyridazine in blood & urine after oral admin. 1293

3-sulfanilamido-2-phenyl-pyrazole & 3-sulfanilamido-6-chloropyridazine, comparison of absorp. & elimination with sulfamethoxypyridazine (It) 52066

***preparation of***

heptasulfimide & tetrasulfo-tetraimide water soluble deriv. (Ger) 30604

sodium N-chloro-phenylsulfonamide (Ger) 7977

sulfamethoxypyridazine (It) 26630

sulfonamide deriv. of 1,3,4-thiadiazoles & Δ2-1,3,4-thiadiazolines by chlorination of mother substances (It) 27434

synthesis from diphenylsulfide deriv. & from diphenylsulfone deriv. (It) 49411

***therapeutic use***

acute hematogenous osteomyelitis in inf. (Ger) 36453

α-amino-p-toluenesulfonamide-5-nitro-2-methyl-furfuryl ether prep. as endodontic bactericidal agent 52852

brain abscess, with antibiotics & surg. 38845

depot prep. in urinary tract infect., clin. & exper. evaluation (Ger) 42347

2-dimethylaminosulfonyl-10-[3-(1-methyl-4-piperazinyl)-propyl]-phenothiazine in chronic psychoses 28552

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

2-dimethylaminosulfonyl-10-[3-(1-methyl-4-piperazinyl)-propyl]-phenothiazine induction of shock ther. (Fr) 47458

infect. in child., with penicillin 6019

mastoiditis (Sw) 45343

ophthalmia neonatorum 20579

osteomyelitis, chronic fistulous local admin. with antibiotics (It) 44334

perf. appendicitis, with chloramphenicol & streptomycin (Ger) 11371

pneumonia in child., compl. of ther. (Ger) 19310

prev. & ther. of tooth infect. (Sp) 8968

pulm. actinomycosis, with antibiotics (Ger) 22203

resp. infect. in child., single massive dose with penicillin 7862

rheum. fever, prev. of relapses 9470

salicylazosulfapyridine in rheum. arthritis 35226

skin dis., veneral dis. & leprosy (Sp) 21249

sulfacetamide-erythromycin ointment in trachoma 13331

sulfacetamide in eye dis., with neomycin & prednisolone, indic. (Fr) 14519

sulfacetamide, in sinusitis in child., admin., inverted Valsalva displacement method (Sp) 49148

sulfadiazine, in acute suppurative meningitis in child., with antibiotics & cortisone deriv. (Sp) 9702

sulfadiazine in cataract in aged (Ger) 52188

sulfadiazine in nocardial granuloma of skin 43510

sulfamethoxypyridazine (Ger) 39073

sulfamethoxypyridazine & sulfisoxazole in urinary tract infect., relative importance of blood & urinary concentrations of drug 2344

sulfamethoxypyridazine in bronchopneumonia, tonsillitis, otitis, cystitis & osteomyelitis in child. (It) 42779

sulfamethoxypyridazine in dermatitis herpetiformis (Sp) 3350

sulfamethoxypyridazine in pneumonia, urinary tract infect., bronchiectasis & erysipelas (Nor) 45407

sulfamethoxypyridazine in pyelonephritis, with tetracycline-sodium hexametaphosphate (Ger) 34372

sulfamethoxypyridazine in resp. & urinary infect., clin. value & tox. 40087

sulfamethoxypyridazine in resp. infect. & cystitis in inf. & child. (It) 42778

sulfamethoxypyridazine in urinary tract infections (Sp) 39130

sulfamethoxypyridazine in various dis., clin. evaluation (Ger) 42923

sulfamethoxypyridazine in various infect., statist. 4189

sulfamethoxypyridazine, indic. (It) 23761

sulfamethoxypyridazine prev. of streptoc. infect. 35705

3-sulfanilamido-2-phenyl-pyrazole, clin. & exper. trials (It) 52072

52075

3-sulfanilamido-2-phenylpyrazole, clin. evaluation (Ger) 9544

3-sulfanilamido-2-phenyl-pyrazole, clin. trials in various infect. (It) 52067

3-sulfanilamido-2-phenyl-pyrazole in bact. infect. & child. (Ger) 39075

3-sulfanilamido-2-phenyl-pyrazole in otorhinolaryngol. dis. (It) 52077

3-sulfanilamido-2-phenyl-pyrazole in pediatric dis. (Ger) 18917

18957

3-sulfanilamido-2-phenylpyrazole in prev. & ther. of urinary tract infect. 38032

3-sulfanilamido-2-phenylpyrazole in pulm., otol. & urinary infect. & in toxoplasmosis (Ger) 3276

3-sulfanilamido-2-phenyl-pyrazole in resp. infect. (It) 52070

3-sulfanilamido-2-phenyl-pyrazole in surg. (It) 52074

3-sulfanilamido-2-phenyl-pyrazole in urinary infect. (It) 52076

3-sulfanilamido-2-phenylpyrazole in various dis. (Ger) 42317

3-sulfanilamido-2-phenyl-pyrazole in various infect. (It) 52068

3-sulfanilamido-2-phenylpyrazole, prolonged action (Ger) 42897

sulfisoxazole-bepanthen powder in inflamm. leukorrhea (Ger) 11463

sulfisoxazole gel in skin dis., with pantothenyl alcohol (Ger) 51793

sulfisoxazole, in early reactions of bladder & intestine to x-ray & radium ther., with prednisolone, vitamin A & pantothenic acid (Ger) 32670

sulfisoxazole in trachoma, with oxytetracycline, clin. statist. in rural schools in W. Algeria (Fr) 44652

sulfisoxazole, in urinary infect., with chloramphenicol & nitrofurantoin (It) 44178

sulfisoxazole in various infect. concomitant with extrapulm. tuberc. (It) 3719

sulfisoxazole powder in local wound ther. in puerperium & after gyn. surg., with pantothenyl-alcohol (Ger) 29482

toxoplasmosis in pregn. with daraprim (Pol) 33677

toxoplasmosis prev. in pregn. (Ger) 34576

venereal dis., hazards of ther. by non-med. personnel aboard ships (Sw) 22136

***toxicity***

eff. on pathogen. of exper. fetal erythroblastosis in rats 50935

**SULFONES**

amino-, nitro- & hydroxy-substituted diphenyl sulfones & their ammonium salts, synthesis, pharmacol. & absence of bacteriostatic action (It) 49405

diphenylsulfone deriv. in synthesis of sulfonamides (It) 49411

sugar & amino acid deriv. of diaminodiphenylsulfone, comparative activity & tox. 16731

***determination***

phenylsulfonyl cpds., sulfur dioxide stretching frequencies in infrared spectra 14921

***effects***

4,4'-diaminodiphenyl sulfone on exper. bact. infect. in rats & mice (Fr) 13052

4-4'diaminodiphenylsulfone, on exper. leprosy, mechanism of action (Por) 21069

4-4'diaminodiphenylsulfone on survival of rats inoculated with various doses of Mycobacterium lepraemurium (Por) 21067

sulfonated cpds., on exper. gastric ulcer 31783

***preparation of***

sulfone deriv. of 1,3,4-thiadiazoles & Δ2-1,3,4-thiadiazolines by chlorination of mother substances (It) 27434

***therapeutic use***

bis-(p-3-thymoldiazo-phenyl) sulfone & its distilver salt in pulm. tuberc., with isoniazid (Fr) 15961

4-carboxymethylamino-4-amino-diphenyl sulfone- sulfadiazine-sulfamethazine prep. in gonococcic & non-gonococcic urethritis (It) 19173

4,4'-diaminodiphenyl sulfone in dermatitis herpetiformis (Fr) 2418

4-4'-diaminodiphenyl sulfone in leprosy, with TB1 & chaulmoogra oil, weekly inject. (Fr) 6370

4,4'-diaminodiphenyl sulfone in Nocardia brasiliensis infect. (Sp) 8904

4,4'-diaminodiphenylsulfone in nodular leprosy, bacteriol. & histol. changes (Ger) 25294

4,4'-diaminodiphenyl sulfone in nodular leprosy, with Mycobact. marianum antigen 18511

p-isopropylaminosphenyl-p-aminophenyl-sulfone in leprosy (Fr) 36553

leprosy, program for mass ther. & prophylaxis (Sp) 37273

leprosy, program for mass ther. in endemic areas (Sp) 37272

phenyl-mercuric dinaphthylmethane disulfone in trichomonal vaginitis 20590

**SULFONIC ACIDS**

fluorescent sulfonic acid dye labelling of blood proteins, value in diag., immunol. & histochem. (Ger) 46172

p-toluene sulfonic acid diag. of disseminated lupus erythematosus 24101

***effects***

alkylsulfonates on blood cell counts in rats (It) 1926

alkylsulfonates on bone marrow, morphol. & funct. studies in rats (It) 1927

m-cresolsulfonic acid on leukorrhea microbiol. (Ger) 23215

disodium dihydroxybenzenedisulfonate on exper. vanadium pois. 55004

sodium decylsulfonate on isolated musc. prep. (Ger) 29902

***metabolism***

aryl sulfamates, enzymic synthesis 13816

***therapeutic use***

m-cresolsulfonic acid in gyn. dis. (Ger) 29410

sulfosalicylic acid-trichloracetic acid prep. in peridontal dis., local admin. 40976

***SULFONYLUREAS see*** **ANTIDIABETICS**

**SULFUR**

dietary, correlation with net dietary-protein value 52337

in heparin molecule in basophils, characterization by reaction with lead (Fr) 1056

1057

sulfur cpds. formed from gamma-irradiated amino acids 31603

sulfur dioxide inhalation in induction of sputum prod. in cytodiag. of pulm. cancer 14744

***injurious effects***

air pollution in England, average distribution around Staythorpe power station 40141

sulfur dioxide air pollution, features & patterns of occurrence in Cincinnati, Ohio 12223

sulfur dioxide air pollution in Russia (Rus) 3631

49801

sulfur dioxide causing corrosive lesion of eye 28013

sulfur dioxide from domestic fires in large cities causing air pollution 40142

***metabolism***

assimilation by tissue proteins from labeled vitamin B1 (Rus) 37136

cartilage of osteolathyric rats & chicks, uptake by mucopolysaccharides, radioautography 44087

endocrine glands in normal & pathol. cond., review (It) 39658

excretion by gastric pouch in dogs, eff. of histamine admin. 36574

in diabetes mellitus (Dut) 15990

incorporation by mucopolysaccharides of connective tissue of cock's comb, eff. of testosterone on radiosulfur incorporation in cock's comb (Sp) 8985

liver, in exper. cirrhosis, eff. of admin. of salt-sulfate-alkaline water (It) 36970

resorption, determ. with isotopes in rabbits (Ger) 22869

sulfur amino acid requirement for lactation in rats 44131

Thiobacillus thioparus 19577

uptake & utilization by synnematin-producing fungi 16878

uterus, uptake in cornua of rabbit uterus, relation to hormonal state of ovaries (Fr) 26846

***radioactive***

cytochem. determ. by radioautography 3765

methods for assay in biol. material 46715

***therapeutic use***

sulfur-histamine ointment from mycelium percolate in rheum. (Ger) 10902

tar-sulfur powder in skin dis. (Ger) 32977

***toxicity***

sulfur dioxide tox. to guinea pigs & mice, comparison with tetralin smoke 11530

**SULFURIC ACID**

color reactions of benzene deriv. with nitrous sulfuric acid in presence of mercuric salts (Fr) 13098

ketosteroid reactions in sulfuric acid, spectrometric analysis 14628

***effects***

hydrolysis of erythropoietin & analysis of products formed 31443

on yeasts & yeast-like fungi, resist. (Ger) 34058

sulfuric acid mist, on resp. of guinea pigs 11604

**SUNBURN**

52653

prev. by oral admin. of methoxsalen before exposure to sunlight 46383

***case reports***

in parapsoriasis en plaques with lymph node dis., differ. diag. from Hodgkin's dis. (Fr) 6314

***therapy***

1-dehydro-16α-hydroxy-fludrocortisone 7486

**SUNLIGHT**

***see also*** **PHOTOTHERAPY**

***see also*** **ULTRAVIOLET RAYS**

determ. of external sunlight exposure by orientation diagrams, tables & graphs (It) 31731

heliother., sanitary-hyg. characteristics (Rus) 10891

heliother., selection of proper time of day (Bul) 16424

heliother. with methoxsalen in vitiligo, remote results 46394

sunglasses for use by Air Force personnel, evaluation 46381

***effects***

sun-tanning & burning of skin, eff. of oral admin. of methoxsalen 46383

***injurious effects***

cancer of skin, case report 28229

50677

cornu cutaneum during heliother. of lupus (Ger) 39396

eye inj., review (Fr) 1472

lip neoplasms, prev. with photoprotective lipstick 6475

myocardial infarct caused by overexposure in sun bathing, case report 21409

snowburn & snowblindness, prev. by ointments & eyedrops (Ger) 52200

urticaria solaris, monochromator findings 48182

**SUPERFETATION**

(Ger) 23221

(Ger) 25203

***experimental***

induction in mouse by repeated admin. of gonadotropins 17227

**SUPERSTITIONS**

***see also*** **MAGIC**

expulsion of evil spirits in ment. patients by Egyptian Zar dance, relation to healing dances of other nations (Ger) 27039

fire-walking during Anastenaria in Greece (It) 42589

med. practices among Maori of New Zealand 6551

witchcraft, evil eye & ancient concepts of child. dis. 9789

**SUPPOSITORIES**

adeps solidus & oleum cacao as suppository bases, comparative tolerance in dogs (Ger) 36930

bases, eff. on drug release (Ger) 30621 30622

multidose suppositories for rectal admin. of thiopental in child. 47315

*therapeutic use*

anorectal disord. 18794

**SURAMIN**

*effects*

on adrenal cortex, failure to demonstrate lesions in rat 15601

*therapeutic use*

trypanosomiasis control in cattle, admin. with ethidium bromide 47605

trypanosomiasis control in cattle, admin. with ethidium bromide, prev. of injection-site reaction 47606

**SURFACE-ACTIVE SUBSTANCES**

*see also* DETERGENTS

fixation by E. coli & Streptoc. pyogenes after treatment by heat, chemicals or enzymes (Fr) 54385

interference of interfacial cpds. in rinsing liquid residues in test tubes (Ger) 46230

metallic salts of anionic surface-active substances, synthesis & biotesting 16721

pharmaceutical applications (Dut) 7962

possible use of synthetic surface-active agents for prep. of tumor cell nuclei 7232

triton WR-1339 nose drops, ther. value & eff. on ciliated mucous epithelium of isolated human adenoids & guinea pig & rat trachea 5292

tweens in prep. of aqueous solutions of vitamins A, D, E & K, progesterone & testosterone propionate for inject. (Ger) 47683

*administration*

polyoxyethylenesorbitan in aqueous emulsion of tetrachloroethylene without purgative eff., ther. of uncinariasis (Sp) 21229

*effects*

amphoteric surface-active substances, antiseptic eff. (It) 6836

enhancement of pharmacodynamic action of drugs by wetting agents (Fr) 20796

inhib. of spreading in culture of Proteus (Ger) 23160

non-ionic, induction of carcinogenesis in Physarum polycephalum culture (Ger) 34156

on blood cholesterol, phospholipids & fats in hypercholesterolemic rabbits 31405

on coalescence of unlike droplets in artif. mixed fog 40139

poly-hydroxyethyl-substituted castor oil on antibiotics, in vitro tests (Ger) 46276

triton A-20 admin. with cholesterol on blood lipid levels in rabbits (It) 37422

triton on cholesterol & fatty acid biosynthesis in isolated perfused liver 49368

triton WR-1339 on liver lipidic biosynthesis from various precursors in rats (It) 37453

tween 20 on preservative eff. of chlorobutanol 16724

tween 80 on peripheral blood vessels in cat (Ger) 23603

*therapeutic use*

adhesgon as vehicle in N-butyl-procaine mucosal anesth. in urethral surg. (Ger) 28798

cerumenex, clin. evaluation of cerumenolytic eff. 28345

cerumenex for removal of excessive deposits of cerumen in child. 13486

dioctyl sodium sulfosuccinate - diacetyldihydroxyphenylisatin prep. in constipation in pregn. 35902

dioctyl sodium sulfosuccinate in constipation in aged, admin. alone & with cascara sagrada extract 42153

dioctyl sodium sulfosuccinate in postop. management of defecation in surg. of colon & rectum 11817

dioctyl sodium sulfosuccinate-polyoxyethylene nonylphenol-edathamil sodium prep. in Trichomonas vaginitis 655

polysorbate 80 in hypercholesteremia, with choline & inositol 42028

propethylenoxide as adjuvant in med. ther. of diverticulitis 16562

tacholiquin in resp. tract inflamm. (Ger) 51849

triton WR 1339 adjuvant in surface anesth. (Ger) 46153

triton WR-1339 in laryngotracheobronchitis, inhalation admin. 2231

wetting agents with oils & esters, in enhancement of immune response in leprosy patients 16352

**SURGEONS**

Amer. College of Surgeons, position on proration of insurance payments 37795

Amer. College of Surgeons, presidential address 37800

attributes of a surgeon 3979

availability for military serv. 19146

in Denmark, hist. study (Dan) 47924

Internat. College, Chicago, Hall of Fame, Netherlands division (Dut) 52528

pleasures derived by surgeons in reading famous literature 12039

psychol. & phys. requirements of an able surgeon (Por) 35965

qualities for dexterous hands of ophth. surgeon (Sp) 21781

train. & evaluation of competence (Sw) 54806

*psychology*

(Fr) 15832

**SURGERY**

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

8444

bibliog. 40949

bibliog. (Rus) 22545

changing patterns of surg. practice in U. S. 12850

concepts of science from surgeon's viewpoint (Ger) 29022

contribution of Theodor Billroth 10146

contribution of P. A. Gertsen (Rus) 9909

contribution of Samuel Harvey 3167

contribution of Léopold Ollier (Fr) 20806

contribution of James Parkinson 5583

contribution of George A. Peters 37990

contribution of Nikolai I. Pirogov (Rus) 51190

contribution of Gregorio Singian to Philippine surg. 8004

Danish Surg. Soc., co-founder-ship of E. A. Tscherning (Dan) 37047

Danish Surg. Soc., co-founder-ship of Thorkild Rovsing (Dan) 37048

Danish Surg. Soc. in portraits & caricatures (Dan) 47925

Danish Surg. Soc., jubilee (Dan) 37045

eff. of malpractice suits on practice of surg. 12838

gyn. & surg. as separate specialties (Sp) 54988

in Canada, contribution of Frank Hamilton Mewburn 14641

in Indonesia (Ger) 49090

in Royal Army Med. Corps 18036

in Russia (Rus) 5941

malpractice suits 24692 35890 47257

military (Dan) 10616

Murphy button technic, statist. follow-up 52139

professional problems of surg. practice 12840

progr. 51535

progr. (Fr) 10660 10664

research in France, problems & goals (Fr) 49750

research, trends 10103

review (Ger) 19378 42947

surg. judgement 22086

surg. philosophy 22062 39922

surg. symbols & seal of Danish Surg. Soc. (Dan) 47923

surgeon's role in cancer control 46738

working outline & develop. of surg. in teaching, research & practice (Ger) 15388

*education*

54744

(Cz) 9429

anat. train, relation to teaching of surg. technics (Fr) 399

basic requirements for graduate train. & approved programs in U. S. & Canadian hosp. 2311

changing trends (Ger) 22876

closed-circuit color telecasts of surg. operations at Univ. of Aix-Marseille (Fr) 53383

department at the Universidad de La Plata, Argentina (Sp) 15493

Harvard Med. School, organiz. (Fr) 21326

in France, hist. comparison of emphasis on theoretical & practical teaching (Fr) 8321

in India 17449

in U. S. 1232

postgraduate train. in U. S. & So. Africa 9825

residency train., value of local anesth. 148

televised surg., teaching value 7531

train. of resident surgeons 54723

*history*

22276

barber-surgeons in Gt. Brit. & Ireland 47578

Connecticut Society of Amer. Board Surgeons 3166

Hosp. School of Surg. of Grand Duchy of Tuscany, in 17th & 18th centuries (It) 42686

in Denmark (Dan) 37046 37049 47920 47921

in Maine 52627

in Russia (Rus) 10753

surg. care of Confederate States Army 55136

**SURGERY, OPERATIVE**

*see also* AMPUTATION

*see also* CAUTERY

*see also* OPERATING ROOMS

*see also* POSTOPERATIVE CARE

*see also* PREOPERATIVE CARE

(Fr) 20804

absorbable gelatin sponge as hemostatic in surg., review (Ger) 30960

anticoagulant ther. in surg. patients (Rus) 41511

assimilation of large quantities of glucose in postop. patients (Pol) 20444

blood flocculation test (Ger) 23173

blood transfusions, indic. 22691

blood volume determ. in surg. patients, Evans blue method (Por) 44443

blood volume determ. in surg. patients, value 54707

blood volume in surg. patients with weight loss, clin. determ. 11886

continuous sphygmoscopy during surg. (Fr) 31049

controlled hypotension with trimethaphan (It) 51960

cortisone admin. in (Ger) 45943

decontol. aspects of surg. wards (Rus) 33198

develop. of asepsis in general surg. (Fr) 33418

duration of operations (Ger) 15437

during pregn., indic. 26378

ECG in (Rus) 33207

eff. of hypothermia on adrenocortical response to surg. in dogs 41811

eff. of hypothermia on ECG in surg. patients (Pol) 30869

eff. of preop. fear on eosinophil count 16302

eff. of radiations on surg. endurance of mice (Rus) 41610

eff. of surg. trauma on urinary 17-ketosteroids in normal prepuberal girls (It) 54266

emergency surg. in rural areas in Russia, problems (Rus) 18209

emergency surg. in various acute cond. (Ger) 45991

emotional reactions of surg. patients to hosp., anesth. & surg. 12699

errors & remedies in minor office surg. 901

fluid ther. in surg. cond. in child., review 53002

in diabetics, management 10993

in hemophiliacs 51543

in pregn., indic. & hazards 10458

in pregn., problems 22730

in Russia (Cz) 11853

in Swedish regional centers (Sw) 45340

information for surg. patients entering the hosp. 2308

intravenous admin. of drugs during surg., appar. & technic 12960

intravenous fat emulsion as caloric supplement in surg. patients, review 54778

laboratory diag. in surg. (Ger) 29074

need for ataraxia in surg. patients (Sp) 6600

neuroplegic drugs in surg. with hypothermia (Dut) 7300

nutrition of surg. patients, dietetic aspects (It) 42604

parenteral feeding, fluid, electrolyte & nutritional requirements 6965

parenteral nutrition of surg. patients (Por) 44443

permission for surg. in minors (Ger) 29494

perop. metab. changes in acid-base equilibrium 32255

physiol. problems, indic. for various laboratory tests 23086

postop. amino acid metab. (Ger) 29024

postop. athletic activities in child. (Ger) 46021

postop. bladder sensitivity & contractile capacity in patients with & without urinary retention, manometry (It) 37162

postop. blood & urinary electrolytes, eff. of polyvinylpyrrolidone prep. with & without sodium (Fr) 47323

postop. blood glutamic-oxalacetic transaminase 23482

postop. blood mucoprotein levels (It) 25855

postop. blood pressure in skin capillaries (Pol) 30766

postop. blood proteins (It) 25533

postop. blood sedimentation rate (It) 35015

postop. blood volume & components (Pol) 43629

postop. changes of intracellular electrolyte concentration (Ger) 51280

postop. decrease in urinary excretion of sodium, mechanism 17072

postop. diets 40242

postop. electrolyte concentration in bile & gastric juice (Por) 44438

postop. electrolytes in aspirated gastric contents (Por) 16121

postop. exposure & suction drainage in major dissective wds. 10145

postop. fibrinolytic activity of blood (It) 24945

postop. intestinal motility, influence of anesthetics (It) 42484

postop. lung volume & funct. 24804

postop. potassium & sodium in skeletal musc. (Pol) 30757

postop. potassium excretion, determ. by potassium load test 24796

postop. potassium-sodium metab. (Por) 44437

postop. pulm. ventilation (Rus) 18252

postop. radiographic exam. of surg. specimens, value to surgeon, radiologist & pathologist 31638

postop. recovery room, visitors 7528

postop. urinary N$^1$-methylnicotinamide levels (It) 27639

pre- & postop. vital capacity determ. in general surg. 30380

preop. & postop. hormone admin., indic. (Ger) 42940

preop. & postop. protein defic. (Por) 44441

preop. & postop. use of artif. kidneys, indic. (Ger) 39838

preop. evaluation of resist. & cardiocirc. funct. of patients by m-norsynephrine test (It) 39514

preop. prep. of large intestine (Pol) 20458

preop. skin prep. with iodine tincture (Rus) 51191

psychol. aspects of surg. mutilation 29148

radiography in operating theater 8539

resist. to surg. stress, determ. by measurement of uropepsin excretion (Ger) 45962

review 20561
21364

review (Ger) 42901

risk, blood cholinesterase determ. for estimation (Ger) 29107

risks, evaluation by hydergine cardiocirc. test (It) 1097

risk in cardiac patients 18060

risks in diabetes mellitus 17565

risks in elective & emergency surg., med. evaluation 32087

risks in thoracic surg., evaluation by internist (Ger) 42918

ther. use of cardioregulatory liver extracts in surg. patients (It) 42628

thromboelastography in surg. patients (Fr) 16997

tranquilizing agents in, review 54786

trends (Fr) 41105

use of antibiotics (Bul) 28713

use of antibiotics (Ger) 10389

use of antibiotics (It) 52025

use of antibiotics, indic., compl. & value (Fr) 39850

use of face masks, bacteriol. aspects (Ger) 2874

use of hypnosis 55125

use of oleandomycin with tetracycline (Ger) 11424

use of prochlorperazine 50762

use of radio-isotopes (It) 42575

use of 3-sulfanilamido-2-phenylpyrazole (It) 52074

wound healing, connective tissue & collagen physiol., review 14395

***apparatus and instruments***

advances (Rus) 32577

combined lip retractor & throat pack holder 35944

dilator for exploration of common bile duct 31468

Howard-Bailey tourniquet 10689

instrument for suturing (It) 9310

ligature needle with spool enclosed in handle & yarn lead to tip of needle inside of instrument (Hun) 7722

long-handle clamp with safety bar (Sw) 45346

modified Reverdin needle (It) 20982

moving appar. for patients (Sp) 8182

needle holder, modified 845

operating table for hand surg. 51330

surg. instrument indust. in U.S., needs & shortage of artisans 40040

technical equip. for heart surg. (Fr) 10218

***complications***

***see also*** ADHESIONS

5277
10124

accid. trauma to bile ducts, causes & prev. 34957

acid base equilibrium disord. in surg. patients, etiol. & ther. (Por) 44439

acidosis, hypoventilation & hypoxia occurring in acute postop. period 18135

acute renal failure 37648

acute renal insuff., ther. (Ger) 19386

adrenal cortex insuff., prev. & ther. with preop. & perop. cortisone ther., review 37920

allergy (Ger) 15309

antibiotic-resist. micrococcal infect. 54774

apnea, etiol. & ther. 1210

arterial thrombosis, prev. by bishydroxycoumarin 25845

bact. infect., prev. & ther. (Fr) 24354

body fluid balance disord., review (Ger) 44931

cardiac arrest, early detection by miniature R-wave cardiac monitor 4524

cardiac arrest, management 2253
12858

cardiac arrest, prev. & resuscitation, surg. & pharmacol. problems (Hun) 30296

cardiac arrest, prev. & ther. (Sp) 8682

cardiac arrest, ther., rapid relaxation of right auricle (It) 51986

cardiovasc. compl. in major surg. 46530

caused by errors in diag., prev. & medico-legal aspects (Rus) 18228

diffuse hemorrh. caused by fibrinolysis (Ger) 37750

hemorrh., causing hypotension 52658

hemorrh., role of anesthetist in control 38146

hiccup, ther., methylphenidylacetate (It) 51961

hyperemia in child., ther. (Rus) 20280

infect., etiol. & prev. 45920

infect. of wds. 41430

infect., prev. & ther. with antibiotics (Ger) 39853

infect., ther. & prev. with antibiotics, case reports & review (Ger) 39851

moniliasis, aseptic prev. (Sp) 43942

operative & postop. blood loss 11865

perop. cardiovasc. disord. (Fr) 426

perop. collapse caused by adrenal suppression induced by adrenal cortex hormone ther. 14201

perop. compression of brachial plexus, causes & management (Fr) 24754

perop. fluid loss, determ. 11874

perop. hypotension, ther., methoxamine (Dan) 30216

postop., acute pancreatitis 14644

postop. adrenal insuff. (Por) 44440

postop. anuria, physiopathol. (Ger) 27829

postop. blood sodium defic. 147

postop. bronchopulm. disord. (It) 36969

postop. calciuria, mechanisms (Fr) 24772

postop. chest compl., prev. by isoproterenol aerosols during anesth. 35943

postop. circ. disord., ther., phenylpyrrolidinopentane with vitamin B complex & vitamin C (Ger) 42361

postop. crises, eff. on urinary 17-ketosteroids (Pol) 30745

postop. eosinophilia & eosinopenia, progn. value (Ger) 6671

postop. fever, hemoculture (It) 20400

postop. gastrointestinal fistula with water-electrolyte loss, management (Por) 39985

postop. hemorrh., relation to liver funct. (Ger) 52217

postop. hemorrh., severe, ther. by anti-gravity suit 28976

postop. hyperthermia, ther., reserpine (Fr) 51876

postop. intestinal atony & urinary retention, prev. & ther. with myseran chloride (Sp) 13547

postop. kidney dis. (Bul) 28761

postop. kidney dis., early manifest. (Fr) 42423

postop. micrococcal diarrhea in adult patients in hosp. surg. wards, statist. 28982

postop. Micrococcus aureus wound infect., statist. 21731

postop. myocardial infarct, incidence 41

postop. neurol. disord. & neuroses (Fr) 301

postop. pain, ther. 48284

postop. pain, ther., adiphenine-aminopyrine-codeine phosphate-diallylbarbituric acid prep. (Ger) 10303

postop. pain, ther., aminopyrine-scopolamine-N-butylbromide prep. (It) 51983

postop. pain, ther., dextro propoxyphene 43934

postop. pain, ther., nisidine (It) 2881

postop. pain, ther., normorphine, comparison with morphine 17949

postop. parotitis (Ser) 21960

postop. pneumonia, pathol. anat. & pathogen. (Rus) 33269

postop. potassium defic., prev. & ther. (Fr) 54160

postop. psychoses (Ger) 42341

postop. pulm. embolism, case report (Fr) 6307

postop. renal insuff., pathogen. & ther. (Fr) 54159

postop. resp. insuff., tracheotomy (Ger) 2870

postop. salt losing nephritis (Dan) 10630

postop. suppurations, prev. by nitrofurazone admin. with procaine (Rus) 18198

postop. synd. of pallor & fever in child. (Pol) 30387

postop. thrombotic thrombopenic purpura, case reports 3169

postop. thyrotoxic crisis (Ger) 29116

postop. tympanites, ther., pantothenyl alcohol 10994

postop. vomiting, control with α-(p-chlorophenyl)-α-methyl-benzoyl-N, N-dimethylethylamine-8-chlorotheophylline-caffeine prep. (Ger) 23195

postop. vomiting, prev. & ther. with rodavan (Ger) 42218

postop. vomiting, prev. by 8-acetyl-10-(3-dimethylamino-propyl)-phenothiazine (Sw) 45335

postop. vomiting, ther. by meclizine-oxalic acid combination (Ger) 35951

postop. water-electrolyte imbalance in child., prev., diag. & ther. (Sp) 39095

postop. wound dehiscence, prev. 54705

postop. wound disruption 912

potassium defic., manifest. (It) 26584

prev. by penicillin & streptomycin, statist. 30129

prev. by potassium ther. (Dan) 45519

psychol. trauma in child. (Por) 53874

resp. insuff., prev. by tracheotomy in aged & poor-risk patients 50207

shock, diag. & progn. in GP (Dan) 16505

shock, theory on mechanism (Rus) 45660

stress, prev. eff. of meprobamate with antihistaminics (It) 11829

surg. wds. healing disord. (Ger) 29023

thromboembolism, prev. with preop. admin. of sodium thiosulfate (Ger) 11449

thromboembolism, ther., anticoagulants 54793

thrombosis & other venous stases, prev. & ther. with plant extract drainaven (Ger) 39062

uncontrollable postop. hemorrh. after incompatible blood transfusion 14296

uremic disord., ther., artif. kidney (Ger) 39839

wound infect., bacteriol. & prev. (Ger) 29031

wound infect. causing progressive gangrene of skin surg. (Dut) 7291

wound infect., incidence in community hosp. 41177

wound infect., necessity for complete asepsis 54762

wound infect., prev. 29011

wound infect., prev. & ther., review 18669

***effects***

eff. of surg. trauma on histol. of liver & conjugation of cholic acid in liver homogenates 11869

minor surg. on erythrocytes & total blood volume 15060

on adrenal glands, cytochem. changes in dogs 54708

on blood amylase (It) 36817

on body fluid balance (Ger) 44926
44935

on calcium & phosphorus metab. 42957

on carbohydrate metab. in Jamaican natives 12865

on electrolytes (Ger) 38443

on eosinophil count 16362

on 17-hydroxycorticosteroid metab. 1218

on liver glycogen 12864

on metab., role of adrenal glands 51134

on plasma clearance of infused hydrocortisone 36324

on potassium metab., substitution of potassium losses (Ger) 38444

on serum albumin (Sw) 45327

surg. stress on adrenal cortex funct. (Fr) 15213

*statistics*

distribution of patients hospitalized for surg. in U.S. 2309

in Fr. naval hosp. in No. Africa (Fr) 31943

mortal. 29925

mortal. in operating room 48420

postop. mortal., causes for higher statist. in large hosp. than in small hosp. 39997

**SURGERY, ORAL**

*see also* **TEETH EXTRACTION**

correction of buccal occlusion for tinnitus (Fr) 31936

eff. of prepayment hosp. plans on oral surg. practice

in GP 43796

intraoral approach in removal of bullets in infratemporal fossa 43363

methylphenidylacetate in postanesth. recovery 7679

plastic surg., indic. & technics 17870

risks in diabetic patients 50144

use of penicillin in, study of body distribution by radiosulfur labeling 46715

with oleandomycin alone & with tetracycline (Ger) 19030

*anesthesia and analgesia*

compl., aspiration of microorganisms contaminating hypodermic needles & anesth. cartridges during local dental anesth.

tripelennamine as local anesthetic 19153

*complications*

hypofibrinogenopenia hazards 7676

maxillary sinus involvement, management 41246

postop. hemorrh. due to afibrinogenemia 52849

*in infant and child*

anesth., appar. (It) 35008

*statistics*

mortal., causes & methods for future prev. (Ger) 11423

**SURGERY, PLASTIC**

*see also* **TRANSPLANTATION**

bibliog. of foreign substance implants in reconstructive surg. 10499

esthetic surg. 18760

esthetic surg., liability of physician (Fr) 32031

Foundation of Amer. Soc. Plastic & Reconstructive Surg. in Latin Amer., problems 8034

future 8037

in Africans 14780

in Asia, Australia & New Zealand 53117

in otorhinolaryngol. dis. 49385

in various malform. causing general adaptation synd. & other stress cond. (Sp) 21790

indic. & selection of tehcnic (Ger) 41708

of congen. & acquired deformities in opthalmol. (Por) 21086

progr. 20392

psychopathic motifs, hazards (Nor) 52739

reconstructive, timing of transfer of flaps 54738

surg. rehabil. of juvenile delinquents 48345

*complications*

postop. hemorrh. beneath grafts, prev. by local inject. of serotonin (It) 52005

*history*

20351

22467

in Czech. (Cz) 23650

rhinoplasty in Italy since 15th century (It) 14522

*statistics*

mortal. in aged (Fr) 12989

**SUTURES**

aseptic & absorbable catgut sutures (It) 1853

catgut, bacteriol. control (Ger) 11379

catgut, sterilization & control of phys. & biol. characteristics (It) 16022

comparison of materials for anastomosis of small arteries in dogs 10081

everting sutures in termino-terminal anastomosis of fallopian tubes, exper. study (It) 8465

first-day removal of skin sutures 46533

horsehair figure-of-eight sutures in perineorrhaphy (Fr) 37713

improved mattress suture, appar. (Pol) 53131

instrument for suturing (It) 9310

research on new surg. suture materials (Rus) 18243

skin suture marks, causes 12697

wire, wider use in surg. (Ger) 14951

*SWALLOWING see* **DEGLUTITION**

**SWEAT**

calcium concentration, eff. of age (Fr) 26798

electrolyte increase in patients of allergies 23510

in pneumonia in one-year old child. (Rus) 43540

penicillin content, failure to demonstrate (Fr) 36518

sweat tests in diag. of cystic fibrosis of pancreas 7872 15020 31598 53405

urocanic acid, polarography (Cz) 2736

vitamin C level, eff. of bodily exposure to humid heat (Pol) 43640

**SWEAT GLANDS**

histochem. eff. of profuse sweating on human eccrine sweat glands 5218

*anatomy and histology*

comparative histol. of apocrine sweat glands of external female genitalia of various mammals (Ger) 20115

comparative histol. of apocrine sweat glands of external female genitalia of various mammals, study of wax models (Ger) 20116

count & distribution in various mammals (Ger) 7655

develop. in hairy skin areas of dog embryo (Ger) 7656

morphol. & histochem. changes after profuse sweating in man 17521

nasal vestibular sweat glands of cats, cytochem. changes after subcutaneous inject. of epinephrine 20118

*diseases*

hidradenitis, suppurative, ther., hydrocortisone 41002

*metabolism*

phosphorylase, histochem. localization in axillary glands in man 20109

*neoplasms*

clear-cell hidradenoma, case report 17882

hidrocystoma, papilliferous of L. Rothe type (It) 36718

of apocrine glands, case report 11556

papillary syringocystadenoma 40832

papillary syringocystadenoma of thigh, case report (Sp) 344

papilloma with multiple metastases 22030

*physiology*

separate sweat gland response to various stimuli in etiol. of auriculotemporal synd. 35289

**SWEATING**

antiperspirant eff. of aluminum chloride & aluminum nitrate, duration of eff. (Fr) 38852

diaphoresis in congestive heart failure (Rum) 43990

hyperhidrosis, surg., upper dorsal sympathectomy through axillary approach 35932

hyperhydrosis in acrodynia in child. (It) 42767

hyperhydrosis, ther. (Fr) 38799

of face during meals, develop. after parotidectomy 273

paroxysmal hemi-hyperhidrosis, brain x-ray in (Fr) 44754

progressive selective sudomotor denervation with Adie synd. 15795

*physiology*

basal palmar sweating, eff. of high altitude 48281

eff. of atmospheric humidity on skin temperatures & sweat rates of resting men at two ambient temperatures 41343

eff. on water-salt exchange after collapse ther. (Sp) 8796

increased insensible water loss in various skin dis., ther., vasopressin, antidiuretic mechanism of action (Sp) 8686

salt & hormone excretion & urine flow in panting & sweating animals 19477

seasonal variation of insensible perspiration in man 16471

*SWIFT'S DISEASE see* **ACRODYNIA**

**SWIMMING POOLS**

audiometry in swimming-pool employees in Stockholm elementary schools (Sw) 52708

chlorine in water causing eye irritation (Ger) 11010

health serv. responsibilities for college & university swimming pool operation 45279

Mycobact. in pools causing infect. of abrasions with dis. resembling cutaneous tuberc. (It) 43260

pub. health control of construction & maintenance in Canada 14640

**SWINE**

blood gases, pH & plasma electrolytes in pregn. sow & fetus 35740

blood groups, antigens other than A-O system 50473

castration of baby pigs, technic using spay hook 40396

estrogen excretion in urine of boars 35101

streptoc. in tonsils & antistreptolysin titer in slaughtered swine (Ger) 46267

sympath. gastrointestinal innerv. (Rus) 47869

zinc requirement 32340

*diseases*

echinococcosis (Pol) 33755

enteroviruses in pig 7256

erysipelas, diag., triple sugar iron agar method 28188

erysipelas, joint pathol. 53742

exper. influenza with Ascaris suum infect., mortal. 4649

fibrous dysplasia 40397

hepatosis dietetica & wax-like degen. of skeletal musc., vitamin E content of various organs (Ger) 28064

hog cholera & brucellosis, eradication in control of swine losses 50291

hog cholera, control in U. S. by vacc. of swine 16763

hog cholera, eradication 50293

hog cholera, eye histopathol. 17103

inclusion body rhinitis, histopathol. 12750

infect. gastroenteritis, clin. aspects & pathol. 50477

influenza & virus pneumonia, comparative histopathol. 12751

leptospirosis in Portugal (Por) 50079

organic phosphate insecticidal pois., diag. test 4638

parakeratosis, relation to essential fatty acid defic. 12753

Teschen dis., chloroform-formalin treated vaccine adsorbed on aluminum hydroxide, eff. (Ger) 55687

Teschen dis., exper. immun. with formalin-killed virus 28423

Teschen dis., occurrence of virus aggregates in (Ger) 23070

Teschen dis., tenacity & purification of virus (Ger) 34066

Teschen dis., vacc. with formaldehyde-treated viruses from tissue culture (Cz) 26561

Trichostrongylus colubriformis infect., exper. induction 12752

virus pneumonia in French swine (Fr) 38676

*SWINE ERYSIPELAS see* **ERYSIPELOID**

**SYMPATHECTOMY**

bilateral lumbar, Dos Santos technic (Fr) 35056

periarterial, of carotid arteries, eff. on ear, nasal cavity & larynx (Fr) 44666

third left thoracic ganglion (Bul) 28751

thoracic, thoracic approach by Grimson's method (Hun) 18594

thoracic, with controlled hypotension 52681

*effects*

cervical, on coal tar distillate carcinogenesis on rabbit ear (Rus) 20197

hypogastric, alone & with pelvic parasympathectomy, eff. on uterine funct. in pregn. 54716

lumbar, on capillary permeability in dogs (It) 30670

postganglionic, on structure of submandibular & major sublingual salivary glands of rat 55618

postganglionic sympathectomy on cholinesterase in nerves of submandibular & sublingual salivary glands of rat, histochem. 34415

resection of third right thoracic ganglion, homolateral contralateral & remote vasc. eff. (Fr) 4818

*in various diseases*

arteriosclerosis obliterans (Rus) 41671

diabetes mellitus, prev. of angiopathy (Ger) 26162

disord. of upper extremities, indic. & results (Ser) 35063

hyperhidrosis, upper dorsal sympathectomy through axillary approach 35932

hypertension, follow-up 48261

hypertension, lumbodorsal splanchnicectomy 17668

indic. (Ger) 29020

left splanchnicectomy in chronic lithiasic pancreatitis limited to head (Fr) 42431

lumbar & splanchnic, in obstruct. peripheral vasc. dis., eff. on serum lactic acid (It) 27624

lumbar in arteritis ther., with sclerotization of adrenal medulla by sodium salicylate inject. (Rus) 45665

lumbar, in trophic arteriopathy of lower limbs & intermittent claudication (Fr) 47341

lumbar in vasc. dis. of legs, with adrenal medullectomy, postop. oscillometry (Ger) 11388

lumbar sympathectomy in peripheral arterial insuff. of lower leg, late results 35996

peripheral arterial occlusion, review 11796

peripheral vasc. dis., postop. reactions of autonomic NS (Ger) 35260

peripheral vasc. dis., with membranectomy of adductor canal (Pol) 30850

presacral neurectomy in dysmenorrhea, postop. form. of neurofibroma 24497

Raynaud's dis. (Fr) 31105

Raynaud's dis., postop. compl. (Dut) 52533

severe ischemia of lower extremities, comparison with arterial grafts 16967

thoracic, with intercostal nerve section, for denerv. of arm, Smithwick operation, in Buerger's dis. & Raynaud's dis. (It) 36967

thoracolumbar sympathectomy in malignant hypertension, subsequent successful twin pregn. 2162

***SYMPATHETIC GANGLIA** see* GANGLIA, AUTONOMIC

***SYMPATHETIC NERVE BLOCK** see* ANESTHESIA, REGIONAL

## SYMPATHETIC NERVOUS SYSTEM

***anatomy and histology***

gastrointestinal innerv. in swine (Rus) 47869

***diseases***

cervicothoracic quadrant synd. with systematized circumscript scleroderma (Ger) 25295

degen. of sympathetic nerves causing supersensitivity of organs to reserpine & arterenol, mechanism 41821

hyperstimulation causing Adie synd. (Ger) 28888

manifested by brown forehead ring (Fr) 24806

Raeder's paratrigeminal synd., relation to migraine 37815

reflex sympath. dystrophy, case report 6

***effect of drugs on***

ergotoxin, paradoxical adrenergic actions (Ger) 35375

***physiology***

activation of sympathetic vasodilator nerves to skeletal musc. by hypothalamic stimulation causing increase of release of epinephrine & arterenol by adrenal medulla 322

adrenergic mechanisms of brain, determ. by isolated head & brain perfusion technic (Fr) 41329

after-potentials in mammalian sympathetic C fibers 51091

eff. of chronic inflamm. of splanchnic nerves on bile ducts (Fr) 35049

eff. of chronic sympathetic enervation on vasc. reactivity to vasodilating agents, in guinea pigs (Fr) 26667

eff. of hyperinsulinism on contractions of nictitating membrane after sympathetic preganglionic stimulation in cat (Rus) 37199

eff. of peripheral nerve stimulation on sympath. activity (Ger) 43572

eff. of stimulation of sympath. nerve & of epinephrine on flow of parotid saliva in sheep 51090

eff. of stimulation of sympathetic system of inner ear on protein fractions of perilymph (Fr) 44667

eff. of stimulation on arterial & venous lactic acid blood levels in rabbits (Ger) 30531

eff. of stimulation on C-reactive proteins (Fr) 47478

eff. of stimulation on vasoconstrictor fibers in lumbar sympathetic nerve in dogs (Ger) 30500

eff. on longitudinal bone growth after polio. 36704

in ocular accomm. 2106

mediation in coronary circ. & myocardial contraction 2924

regen. of peripheral sympath. nerves after exper. section in dogs (Ger) 41894

regulation of tissue growth, eff. of hormones & relation to form. of tumors (Fr) 9184

splanchnic nerve stimulation causing arterenol & epinephrine release from adrenal medulla in cats 48225

stimulation threshold of different sympathetic fiber groups, correlation with funct. differentiation 35389

trophic eff. of ganglionic appar. on post-ganglionic chain of smooth musc. innervation (Rus) 15765

## SYMPATHICOBLASTOMA

***case reports***

embryonal sympathoma in 20-year-old Negro (Fr) 18647

maturation of sympathicoblastoma into ganglioneuroma, report of 2 cases with 20- & 40-year survivals 48546

***experimental***

carcinoid metab. changes in rats with hemineurocytoma, hered. factors (Sp) 18817

***in infant and child***

sympathoma, differ. diag. from nephroblastoma (Fr) 31976

## SYMPATHINS

catecholamines in urine in hypertension of old age (It) 27614

## SYMPATHOLYTICS

***see also*** ERGOT ALKALOIDS

***see also*** HYDRALAZINE

***see also*** IMIDAZOLES

***see also*** YOHIMBINE

pharmacol. 20496

Rauwolfia serpentina root extracts (Fr) 38688

tetra-azo-di-o-anisidine 17943

***effects***

6-acetoxy-thymoxy-ethyldimethylamine on form. of collateral circ. after ligation of aorta at iliac bifurcation in rabbits (It) 25700

antag. of arterenol & epinephrine inhib. of electrically-induced contractions of guinea pig ileum (Ger) 29857

azapetine, adrenolytic eff. (Ger) 42893

1-bicyclohexyl & 1-phenicyclohexyl amino ethers, inhib. of eff. of nicotine & serotonin on isolated rat duodenum (Fr) 26913

chlorophenethylamine activity in relation to stability of ethyleneimmonium ring formed in vitro 31403

dibenamine & 2-(diethylaminomethyl-1,4-benzodioxan, on prolactin form. & release, in rats, comparison with chlorpromazine (Fr) 38729

dibenamine & tolazoline reversal of epinephrine eff. on blood pressure in mice (Ger) 13635

dibenamine on anoxia-induced hyponatruresis in dogs (Hun) 29157

dibenamine on kidney funct. in ischemic shock in dogs 24029

dibenamine, on neurosecretory funct. of hypothalamus - posterior pituitary system in rats 24027

2-(diethylaminomethyl)-1,4-benzodioxan, comparative inverse eff. of arterenol & epinephrine in dogs (Fr) 26870

on blood coagulation (Ger) 27186

on exper. pulm., edema induced with nitrogen oxides in rats (Rus) 7807

phenoxybenzamine causing reduction in responses to arterenol infusion in man 15000

phentolamine on lysergic acid diethylamide action on brain metab. in rabbits (Fr) 26670

tolazoline inhib. of arterenol & epinephrine-induced hypertension in guinea pigs (Fr) 26912

tolazoline, on aqueous humor drainage in glaucoma, tonography (Ger) 46841

tolazoline, on episcleral venous pressure (Ger) 46840

tolazoline, protective eff. in exper. pulm. embolism in dogs 22075

tolazoline protection of guinea pigs against toxic synergism of arterenol & cocaine (Fr) 26902

***therapeutic use***

(Dut) 53509

azapetine in arterial disord. (Fr) 43814

azapetine in peripheral vasc. dis. (Ger) 6702

43815

azapetine in peripheral vasc. dis. (It) 39523

azapetine in peripheral vasc. dis., methods used to evaluate drug 35999

bis-[p-(N-isopropyl-N-methylamino)-phenyl]sulfate in peptic ulcer (Ger) 42384

nasal dis., review (It) 42597

phenoxybenzamine as tranquilizer, evaluation 24715

phenoxybenzamine in hypertension in aged, ther. with fixed combination of phenoxybenzamine, protoveratrine & rauwolfia 4442

phenoxybenzamine-protoveratrine-rauwolfia prep. in hypertension 4538

phentolamine, in peripheral obliterating arteriopathy, eff. on circ. (It) 9306

phentolamine in pheochromocytoma with adrenalin shock, intravenous admin. 2229

tolazoline in labor pains, with glyceryl-guaiacolate & vitamin B1 (Sp) 32456

tolazoline in peripheral vasc. dis., intra-arterial inject. (Pol) 30844

## SYMPATHOMIMETICS

***see also*** AMPHETAMINE

***see also*** ARTERENOL

***see also*** EPHEDRINE

***see also*** EPINEPHRINE

***see also*** IMIDAZOLES

***see also*** MEPHENTERMINE

determ. of pK values by polarimetry, spectrophotometry & electrometry, comparison (Dan) 27103

27104

1-(3,4-dihydroxyphenyl)-2-isopropylamino-butanol, pharmacol. 16707

m-norsynephrine test of resist. & cardiocirc. funct. of surg. patients, progn. value (It) 39514

pharmacol. 20496

phenylephrine, analysis & properties (Fr) 1071

***addiction***

phenmetrazine, case reports & need for restricted sales 14206

***determination***

phenylephrine analysis in mixtures with tetracaine, chromatography 50259

***effects***

antag. eff. of sympathomimetic aerosol on spontaneous collapse of excised guinea pig lung 13446

cardiotoxic actions in rats 48444

dichloro analogue of isoproterenol on mammalian heart, adrenergic block 17944

1-(p-hydroxyphenyl)-2-(1-methyl-3-phenylpropylamino)-propanol on form. of collateral circ. after aortic ligation at iliac bifurcation in rabbits (It) 25700

isoproterenol, bronchodilator eff. 29338

isoproterenol isomers in man 18395

isoproterenol on blood pressure in cats, dogs, rabbits & rats, comparison with arterenol & epinephrine (Fr) 48855

isoproterenol on lung volumes in sympt.-free asthmatic child. 12004

isoproterenol on responses of animals to arterenol & epinephrine in pharmacol. exper. 24820

isoproterenol, on skeletal musc. contractions in cats 28619

isoproterenol vasc. eff. after admin. of other sensitizing drugs (Fr) 36575

naphazoline & phenylephrine, on adenylpyrophosphate metab. by nasal mucous membranes in rats (Ger) 25334

m-no[illegible]nephrine on skin of rabbits after intradermal inject., comparison with arterenol (Ger) 35953

on animals treated with reserpine 41345

on arterial blood pressure & nictitating membrane in cats, influence of reserpine (Fr) 48830

on cardiovasc. funct., comparative response to reserpine & autonomic denerv. (Fr) 38673

on cardiovasc. response to reserpine, in anesthetized dogs (Fr) 15093

on heart rate in heart-lung prep. from untreated & from reserpine-treated dogs 48236

on isolated guinea pig atria, influence of reserpine (It) 37419

on renal blood flow in anesthetized dogs 17945

on resp. response to breathing inert dust particles & carbachol 40691

on volume of blood vessels in cats (Hun) 29183

phenylephrine depression of ganglionic transm. in cats 36565

phenylephrine on intraocular pressure & dilat. of pupils in dogs (Rus) 22566

phenylephrine on intraocular pressure in normal & glaucomatous eyes 11701

pressor amines on cardiovasc. system, review 47339

pressor eff. of sympathomimetic aldehydes, potentiation by cocaine, ephedrine or tripelennamine 13434

***injurious effects***

methoxamine-induction of arrhythmia in normal men (Sp) 8833

tetrahydrozoline & naphazoline nose drops causing intoxication in inf. & child. (Ger) 49077

***metabolism***

adrenergic substances in vasc. wall of stomach in peptic ulcer & gastric cancer (Rus) 33605

preludin, carbon-labeled, synthesis, distribution & excretion (Ger) 43013

***physiology***

adrenergic mediators, review 48473

in myasthenia (Rus) 48009

***therapeutic use***

asthma 2278

N-butylnorsynephrine in circ. disord. in aged (Ger) 51235

α,α-dimethylbenzylamine use in x-ray study of stomach walls & dynamics (It) 8553

effortil in hypotension (Sp) 42206

effortil in resuscitation of newborn in umbilical cord prolapse with absence of pulse, umbilical vein admin. (Ger) 34583

isoproterenol aerosols during anesth. in prev. of postop. chest compl. 35943

isoproterenol aerosol prep. in asthma 45098

isoproterenol bronchodilation in bronchitis, with & without pyrilamine potentiation 18422

isoproterenol, in asthma, bronchitis & pulm. emphysema, admin. as aerosol alone & with positive-pressure breathing appar., eff. on ventilation (Sp) 42216

isoproterenol in asystole complicating acute posterior wall myocardial infarct, intravenous admin. 28166

isoproterenol in cardiac arrhythmia, with epinephrine, stabilisation in infusion solution (Ger) 19387

isoproterenol in complete heart block with recur. Adams-Stokes synd. (Pol) 8075

isoproterenol inhalation in asthma (Sw) 45337

isoproterenol-phenylephrine aerosol ther. of bronchial asthma & pulm. emphysema, eff. on air flow dynamics of maximal voluntary cough 17016

metaraminol bitartrate & phenylephrine in shock (Fr) 15193

methoxamine in perop. hypotension (Dan) 30216

naphazoline in rhinitis & other resp. obstruct. disord., protective eff. of adding vitamin C (Fr) 44682

naphazoline in x-ray of stomach for mucosal image intensification (It) 29654

m-norsynephrine, clin. evaluation (It) 3726

m-norsynephrine, depot prep. as adjuvant in anesth. (Ger) 7112

obesity, with amphetamine 24719

phenmetrazine as depressant of excessive appetite in ment. disord. (Dut) 52514



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

phenmetrazine for appetite control in diabetes mellitus (Ger) 32968
phenmetrazine in obesity (Fr) 41131
phenmetrazine in obesity (Pol) 43655
phenmetrazine in obesity (Sp) 20646
phenmetrazine in obesity, double blind study & comparison with amobarbital - d-amphetamine prep. 35697
phenmetrazine in obesity, hematol. (Fr) 44159
phenmetrazine in obesity in diabetes 38013
phenylephrine, phenIramine & pyrilamine tannates in pruritus 1286
phenylpropanolamine in obese cardiacs (Ger) 49877
severe orthostatic hypotension, case report 442
tetrahydrozoline ophthalmic solution in conjunctivitis 28493
tetrahydrozoline ophthalmic solution in eye dis. (Fr) 26182
vasopressor indic. 5454

*SYMPHYSIS PUBIS see* PUBIC SYMPHYSIS

SYNAPSES
adrenergic & cholinergic cerebral neurohumoral control of synaptic transm. mechanism 15700
blocking action of 4-aminobutyric acid on isolated synapses of stretch receptors of crayfish & lobster 28557
brain (Rus) 22659
brain, eff. of physostigmine (Rus) 34811
delayed eff. of peripheral severance of afferent nerve fibers on efficacy of their central synapses 51114
eff. of 4-aminobutyric acid on spinal synaptic transm. 7162
eff. of glutethimide, hydroxydione succinate & methyprylon on central polysynaptic mechanisms in cat 13465
eff. of lysergic acid diethylamide on transm. in lateral geniculate body in cats 38553
eff. of pre- & post-ganglionic section of satellite cells, intrasatellite nerve fibers & inter-neuronal fibers of superior cervical ganglion of rabbit 15696
funct. of proximal synapses of squid stellate ganglion 50574
Golgi cells in cerebellar cortex synaptic system (Rus) 47878
impulse transm. across squid giant synapse, mechanism 5793
integrative pattern of Ia synaptic actions on motoneurons of hip & knee musc. 41342
monosynaptic reflexes in lumbosacral spinal cord of cat, relation of distribution of dorsal root fibers on motor cells to site of excitatory & inhib. terminals 53487
morphol. (Rus) 47877
morphol. & funct. of synaptic vesicles in rabbit 15699
morphol. of synapses of medulla, cerebellar cortex & posterior pituitary in rat, electron microscopy 15695
of supraoptic nucleus of hypothalamus (Sp) 25662
origin of synaptic vesicles in frog, electron microscopy 15688
post-synaptic membrane at ganglionic synapses & localization of cholinesterase activity 15696
pudendal nerve in cats (Rus) 47884
review (It) 32134
synapse discharge by single fiber in optic tract in cat 19501
synaptic inhib. mechanisms of crustacean stretch receptor organs 15707
synaptic linkage of direct inhib. pathway in spinal cord of cats 12015
synaptic transm. in sodium-free medium 19567
synaptic transm. in spinal cord during wallerian degen. of dorsal root fibers 5508
synaptic transmission in cockroach 52351
transm. in cervical sympathetic ganglia of rats, eff. of glucose (Ger) 27844

SYNCOPE
anginosa, caused by effort (It) 42578
in apparently healthy flight personnel, incidence, mechanisms & occup. importance 23365
in healthy young adults, incidence, mechanisms & significance 16597
lipothymia in aviators & candidates (Fr) 12035
lipothymia in aviators & recruits, etiol. & differ. diag. (Fr) 29231
pathomechanism & clin. manifest. (Hun) 30288
traum., causing decrease of blood alcohol content (Ger) 39029
tussive syncope, etiol. & manifest. 49392
tussive syncope in pulm. emphysema (Hun) 52903
tussive syncope, pathogen. & ther. (It) 38550
*case reports*
with ventric. tachycardia 12267
*etiology and pathogenesis*
(Dut) 7334
cardiovasc. disord. (Ger) 54370
carotid sinus irritability, cardioinhib. mechanisms 19800
cerebral anoxia, differentiation from epilepsy & rehabil. (Fr) 37778
hypotension caused by fear, nausea & abnorm. vasc. reactions 2271
prepuberal orthostatic blood circ. regulation disord. (Ger) 22811
primary pulm. hypertension, case reports (Ger) 39882
*experimental*
arrhythmias in syncope induced in human volunteers 16642
*in infant and child*
with congen. deaf-mutism, prolonged QT interval & sudden death 7403
*manifestations*
palencephalography (Fr) 54104

*SYNEPHRIN see* SYMPATHOMIMETICS

SYNOSTOSIS
ankle & wrist (Ger) 34287

SYNOVIAL FLUID
analysis, diag. value in joint dis. 50363
ATPase & AMPase activity in vitro (It) 37362
changes in rheum. dis., diag. value & Polley-Bickel needle technic for knee biopsy 35198
composition & properties in rheum. arthritis, eff. of intra-articular hydrocortisone ther. 36107
hyaluronate in rheum. arthritis 36911
joint lubrication mechanisms 2365
sulfate levels in arthritis & synovitis, comparisons, review 20014
uric acid, in normal & pathol. cond., properties & electrophoresis (It) 31771
*effect of drugs on*
hydrocortisone inject. on polysaccharide complex of fluid 24837

SYNOVIAL MEMBRANE
*anatomy and histology*
histochem. of normal & pathol. synovial membrane (It) 31750
*effect of drugs on*
sodium salicylate & morpholine salicylate on synovial permeability in rabbits, comparison (Fr) 32945
*neoplasms*
intra-articular synovial fibroma (It) 26594
*pathology*
in acute gouty arthritis, histopathol. (It) 31777
in gouty arthritis, eff. of phenylbutazone ther. (It) 31775
in hemophilia, thromboplastin inhibitor & plasminogen activator in synovial tissue 27100
nodular lymphatic proliferation & organis. (It) 19262
puncture biopsy (Por) 16823
*physiology*
permeability, eff. of mud ther. (It) 8669

SYNOVIOMA
surg. with radiother. (Dut) 52474
*case reports*
benign & malignant (It) 36597
metastasis to myocardium, causing chaotic heart 12211
neck (Tur) 33000
synovial sarcoma of anterior abdom. wall 35889

SYNOVITIS
*see also* TENOSYNOVITIS 29276
arthrosynovitis of knee, chronic aspecific aseptic, pathol. anat. (It) 31741
arthrosynovitis of knee, chronic aspecific, clin. aspects (It) 31740
arthrosynovitis of knee, etiol. & ther., case reports & review (It) 31739
aspecific, of knee, histopathol. & etiol. (It) 31740
chronic aspecific of knee, clin. aspects, case reports & review (It) 53839
*metabolism*
sulfate levels in synovial fluid, comparison with arthritis, review 20014
*surgery*
synovectomy & osseous curettage in synovitis of knee, indic. & results (Fr) 11993

SYPHILIS
*see also* NEUROSYPHILIS
*see also* PARESIS
*see also* TABES DORSALIS
clin. & ther. aspects of early syphilomas (It) 27644
diag. & ther. 51579
origin & hist. (Sp) 53969
present-day status (Fr) 19347
psychol. & soc. aspects, in Italy (It) 29679
without apparent chancre & masking by penicillin (Fr) 43984
*case reports*
lues tarda ignorata with multiple tertiary gummae (Bul) 32787
multiple gummata of lungs, pathol. (Ger) 39885
multiple organic, with fatal perf. of syphilitic intestinal ulcer (Sp) 53346
reinfect. after previous treatment & cure with penicillin (Fr) 2416
skin ulcers caused by tertiary syphilis 52639
stomach (Por) 38588
tertiary syphilis of testis with incipient tabes dorsalis (Fr) 2399
*complications*
bilateral abductor paralysis of larynx, case report (Ger) 23039
chorea, chronic, case reports (Fr) 29187
gummatous osteitis of cranium, case report 14177
interstitial keratitis, eff. of cortisone (Ger) 34040
lymphogranuloma venereum, case report (Ger) 22985
papillomas of lips & peribuccal region in vegetative syphilis (Dut) 36522
thrombosis of posterior inferior cerebellar artery of leutic etiol. 14178
visceral disord., value of early diag. & adequate ther. (Fr) 33705
*diagnosis*
*see also* CARDIOLIPIN
*see also* WASSERMANN REACTION
accid. diag. during other dis. (Fr) 19348
biol. false-positive reactions, causes & relation to blood protein disord. 48381
biol. false-positive reaction, significance of diag. 7446
comparative value of various treponema antigens (Fr) 9047
complement deviation test, value of determ. of serum reagin (It) 43286
complement fixation test using protein antigen from Reiter strain of Treponema pallidum (Dut) 36513
complement fixation with Treponema antigen, comparison with Treponema immobilization test (Hun) 7715
false-positive reactions (Ger) 34155
false-positive reactions to Kahn test, smallpox as cause 48256
false-positive serol. reactions (Fr) 18688
false-positive serol. tests, incidence in dis. of connective tissue (Fr) 4735
flocculation tests, mechanism & practical value (Por) 53845
Herxheimer reaction in pre-serol. primary syphilis, diag. value (It) 6821
in prostitutes, incidence (Fr) 2383
latest forms (Rus) 55202
Migliano microtest, comparison with standard & presumptive Kahn tests (Sp) 15515
modified complement fixation reaction (Dut) 11837
Narcissow reaction, comparative evaluation (Hun) 37241
rapid plasma reagin test (Sp) 13911
rapid plasma reagin test, comparison of sensitivity with VDRL test 26390
Rappaport-Eichhorn reaction (It) 21001
Reiter's protein complement-fixation test 14186
Reiter's protein complement fixation test (Fr) 13053 21314
Reiter protein complement fixation test, application to evaluation of biol. false positive reactions 5390
Reiter protein complement fixation test reactivity in leprosy compared with other syphilis tests 53657
Reiter protein complement fixation test, specificity & sensitivity 28501
Sachs-Witebsky test, prep. of bovine extract (Sp) 5110
serodiag., prep. of positive control sera from waste material (Ger) 34083
serodiag., review (Sp) 337
serodiag., standard. & control of antigen prep. (Ger) 28405
serol. (Ger) 32302
serol. reactions, comparisons (Ger) 55682
serol. review (Ger) 49023
serol. tests 49003
serol. test with rabbit orchitis extract (Ger) 15291
spirochete agglut. test (Ger) 55507
tertiary, case reports (Fr) 1335
Treponema antigens, review (Fr) 31501
Treponema antigens, technics (Fr) 8213
Treponema complement fixation reaction, comparison of 2 types of antigen prep. (Fr) 37883
Treponema immobilization, immune-adherence & complement-fixation tests & Reiter protein complement-fixation test, value in differentiation of false-positive & true positive reactions 17726
Treponema immobilization test, clin. application 33538
Treponema immobilization test, false-positive, in low socioecon. population group 28147
Treponema immobilization test in re-exam. of uncertain sero-positive cases previously verified by euglobulin inhib. test (Hun) 13682
Treponema immobilization test, lyophilized survival medium 48252
Treponema immobilization test, relation to standard tests 48523
Treponema immobilization test, results in suspected cases of biol. false serol. reactions (Pol) 43644
Treponema immobilization test, sensitivity as funct. of number of spirochaetes in antigen 48253
Treponema immobilization test, significance of toxic reaction (Ger) 49006
Treponema immobilization test, temporary positive results in herpes zoster in cured syphilitic (Fr) 41050
Treponema immobilization test, termination of diag. serv. at University of Michigan Hosp. 5405

Treponema immobilization test, value in tropical environment (Fr) 51512

Treponema pallidum as antigen for complement fixation (Fr) 47381

Treponema tests & Reiter protein complement fixation test (Sp) 20618

VDRL & Kolmer tests with synthetic phospholipid substitutes in antigens, relation of chem. structure to reactivity 36389

VDRL tests, method of stabilizing antigen emulsions for test 8453

***differential diagnosis***

infect. hepatitis in child. causing pseudoluetic skeletal changes (Ger) 52176

pulm. syphilis from pulm. tuberc. (Ger) 22979

***epidemiology***

in Africa, incidence in non-venereal treponematoses areas 38141

in France (Fr) 8372

in Italy (It) 29678

in Turkey, decrease of positive Wassermann reactions during last 27 years (Tur) 55086

***experimental***

eff. of cortisone on immunity in rabbits (Ger) 18277

eff. of x-rays in rabbits (Rus) 45644

***history***

mercurial ther. inducing secondary & tertiary forms (Ger) 15461

***immunology***

antigens, methods for prep. of specific antigens (Ger) 11240

behavior of Treponema immobilization test & eclipse phenomenon in mice after single & repeated inoculations of living & killed Treponema (Fr) 24805

extracts & antigens, antigenicity & unspecificity (Ger) 46144

flocculation tests in diag. & ther., evaluation (Por) 21083

fractionation of Treponema immobilization antibodies & Wassermann reagins, electrophoretic comparison 33963

heat-sensitive antigen isolation from testes of orchitic rabbits (Ger) 34518

immun. after spontaneous healing or ther. of yaws infect., clin. significance of positive serol. reactions 35841

rheumatoid factor in sera of syphilitics 47895

Sabin-Feldman & complement-fixation reactions for toxoplasmosis in blood samples from syphilitics (Sp) 13893

***in infant and child***

liver funct. (Pol) 32174

***in pregnancy***

ther., penicillin (Ger) 39014

***manifestations***

chancre (Fr) 39498

osteitis & bone cysts (Fr) 9004

stomach, surg. (Ger) 55712

***pathology***

hepar lobatum, significance of positive Casoni reaction (Fr) 36650

***physiology***

renal funct. in late, clinically latent syphilis (It) 19168

***prevention and control***

compulsory premarital blood testing 4491

in Maine, prenatal serol. exam. reported on certificates of live births 41101

in Russia (Rus) 45641

penicillin (Fr) 39493

***statistics***

late syphilis in No. France (Fr) 54475

***surgery***

(Fr) 6413

***therapy***

(Sp) 21335

anti-syphilis drugs causing anemia, vitamin B12 ther. (Rus) 22508

asympt. serol. syphilis (Fr) 45037

benzathine penicillin, statist. 10251

bismuth, causing mixed decalcifying osteoporosis-osteomalacia (Fr) 44776

bismuth, fatal cardio-circ. collapse in alcoholic treated with disulfiram & wine (It) 6925

drug ther. 48326, 48344

eff. of bismuth & mercury on penicillin activity (It) 3907

follow-up exam. in prev. of neuro-& visceral syphilis (Rus) 55213

nonarsenical combined ther. (Rus) 22505

penicillin (Ger) 51798

penicillin, eff. on Treponema & blood & urine content (Rus) 11480

penicillin in chancre, recur. after ther. because of drug-resist. & inadequate admin. (Sp) 336

penicillin, review (Rus) 9847

penicillin, serol. test for ther. control (Por) 16152

penicillin, short-term ther. (Ger) 3255

penicillin with bismuth in doses repeated at short intervals, eff. on kidney funct. (It) 27642

phenoxymethyl penicillin, oral admin. (Sp) 21780

review (Ger) 10306

***transmission***

by females with positive serol. (Fr) 39491

by prostitutes with positive serol. tests (Fr) 39492

## SYPHILIS, CARDIOVASCULAR

***case reports***

tertiary of myocardium, fatal case (Fr) 255

***complications***

aortic aneurysm, penicillin ther. & progn. 48189

aortic insuff., incidence, diag. & manifest. (Rum) 44011

obstruct. of superior vena cava caused by syphilitic aneurismatic aortitis, case report (Sp) 15491

popliteal aneurysm of syphilitic etiol., spontaneous cure 48248

***manifestations***

ECG 14033

***pathology***

decrease in dimensions of transverse portion of ascending aorta (Pol) 7779

***statistics***

advanced conjugal syphilis (Pol) 44184

***therapy***

chlortetracycline in syphilitic subclavian aneurysm (Fr) 51391

## SYPHILIS, CONGENITAL

(Fr) 54140

relation to congen. centrofacial lentiginosis (Fr) 53594

***case reports***

in 24-year old man 22716

syphilitic fetus after prenatal penicillin ther. 48251

***complications***

macroglobulinemia in newborn (Ger) 18337

progressive musc. atrophy (It) 32137

retrobulbar optic neuritis 17421

***diagnosis***

Treponema immobilization test (Ger) 27113

x-ray diag. & differentiation from scurvy & rickets 43697

***prevention and control***

review (Dut) 52501

***therapy***

in inf. (Fr) 51508

## SYPHILIS, CUTANEOUS

***case reports***

with destruction of fingerprint pattern by superficial late syphiloderm 23365

## SYPHILOLOGY

contribution of Clyde L. Cummer to Amer. Acad. of Dermatol. & Syphilol. 33371

***history***

Chair of Dermatosyphilology of Universidad Nacional de La Plata 33454

## SYRINGES

assembly for washing special needles used in skin-testing for allergy 35667

cleaning, central syringe serv. (Ger) 33452

disinfect. with alcohol (Ger) 49018

hypodermic-needle storage case 6513

hypodermic needles with dual points, washing procedure 32869

new supporting device (Sw) 45367

new 2-compartment disposable plastic syringe in vet. practice 28190

sterile automatic inject. unit as alternative for conventional sterile syringe, advantages 29012

sterile disposable syringe 16753

sterilizing & packing by hosp. laboratory 17717

transm. of infect. in mass vacc., prev. (Ger) 33906

## SYRINGOMYELIA

***case reports***

(Pol) 30071

relation to Jaffe-Lichtenstein dis. (Ger) 36480

***complications***

cervical arthropathy 25972

cervical lipomatosis & plantar ulcer (It) 52934

myotonia atrophica, familial (Ger) 33868

neuropathic arthropathies (Ger) 398

painful arthropathy (Ger) 52216

tuberc. osteolysis of wrist (Pol) 38476

***etiology and pathogenesis***

meningeal tuberc. after intrathecal streptomycin ther. (It) 27678

***pathology***

bones & joints (It) 39648

eye (Ger) 28883

***therapy***

radiother., technic & results (It) 21499

***SZENT-GYÖRGYI CYCLE*** see METABOLISM, TISSUE

***TABARDILLO*** see TYPHUS

## TABES DORSALIS

early manifest., neurol. compl. & case report (It) 8606

review 49613

***case reports***

incipient case in tertiary syphilis of testis (Fr) 2399

with active skin syphilis (Rus) 45154

***complications***

ataxia & urination disord., improvement after corticoid ther. (Fr) 3398

cervical arthropathy 25972

hip arthropathy (Ger) 34398

osteitis deformans, case reports (Fr) 6325

***diagnosis***

disagreement between clin. & laboratory diag., case report (Fr) 37898

***manifestations***

absence of relaxation reflex (Ger) 3620

***therapy***

cortisone, analgesic eff. (It) 39512

## TABLETS

alternating & rotating machines for compressed tablets (Fr) 20799

coloring of sugar-coated tablets using pigments, advantages over water-soluble dyes 40350

disintegration, eff. of gastric mucous 40372

enteric coated tablets, correlation of in vivo & in vitro disintegration times 4568

enteric compression coating, in vitro solubility characteristics & stability 40354

enteric compression coating, in vivo tests with acetylsalicylic acid tablets 40357

enteric compression coating, in vivo tests with erythromycin tablets 40356

enteric compression coating, in vivo tests with tablets of barium sulfate alone & with potassium iodide 40355

hist. develop. in army med. serv. (Ger) 30633

increased disintegration rate of tablets on storage 41313

of crystalline substances, form. by direct compression without addition of foreign substances 40374

proposal for Italian pharmacopeia (It) 13919

## TACHYCARDIA

diag. & ther., review 27054

***case reports***

ventric. with myocardial infarct, unusual case 48509

ventric., with syncope 12267

***diagnosis***

ECG, esophageal lead in tachycardial with aberrant ventric. conduction 35616

***etiology and pathogenesis***

digitalis pois., with ventric. fibrill. & Stokes-Adams seizures, ther., intravenous potassium 3919

ventric., with pericarditis, caused by Hodgkin's dis., case report (Fr) 7054

***experimental***

eff. of acetazolamide, chlorpromazine, phenaglycodol & primidone on ventric. tachycardia after exper. myocardial infarct in dogs 40078

eff. on coronary hemodynamics, myocardial metab. & cardiac efficiency in dogs 4870

ventric., transmembrane electrical potentials 46866

***in infant and child***

supraventric. tachycardia in inf., differ. diag. from ventric. proxysmal tachycardia, case reports 5707

***in pregnancy***

in supine hypotensive synd. in late pregn. 52598

***physiology***

eff. of auric. & ventric. tachycardia on cardiac output, coronary blood flow & mean arterial blood pressure 2923

thyroid funct. in supraventric. tachycardias, thyroxin turnover & erythrocyte uptake of triiodothyronine 50419

***therapy***

artif. hibernation in postop. tachycardia following hyperthyroidism surg. (Fr) 44678

procaine amide, case requiring massive amounts 47520

## TACHYCARDIA, PAROXYSMAL

clin. manifest. & ther. (Ger) 19055

supraventric., manifest. & ther. 45809

ventric., clin. & ECG aspects 46862

***case reports***

auric., in fetus 14040

supraventric. paroxysmal tachycardia 38045

ventric. (Rum) 43989

ventric., bi-directional (It) 15253

with wandering pacemaker (It) 19166

***complications***

myocardial sarcoidosis with pulm. embolism (Ger) 11199

supraventric., complicating organic heart dis. 12209

***etiology and pathogenesis***

ventric. paroxysmal tachycardia in myocardial sarcoidosis with pulm. embolism (Hun) 7717

***in infant and child***

auric. in newborn, ECG 5809

clin. manifest. & ther. (Ger) 19309

differ. diag. from supraventric. tachycardia in inf., case reports 5707

repetitive ventric. tachycardia, case report 20361

supraventric, in newborn, ther., reserpine (Ca) 38332

***therapy***

(Fr) 31107

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

procaine amide & sparteine iodomethylate, in post-infarct ventric. tachycardia (It) 9291
reserpine in tachycardia with rheum. valvitis & aortic insuff. (Sp) 43021

**TAENIA**
scolium, anat. of specialized glands in rostellum 34307
***effect of drugs on***
eff. on body wall musculature of Taenia crassicollis 24005
***metabolism***
nitrogenous excretory products of Taenia taeniaeformis larvae 50997

**TALC**
***injurious effects***
granuloma of endometrium, causing metrorrhagia, case report (Fr) 3132
inj. eff. & replacement as dusting powder by starch powder (Hun) 7716

***TALIPES see*** **CLUBFOOT**

***TALUS see*** **ASTRAGALUS**

***TANNIC ACID see*** **TANNIN**

**TANNIN**
***determination***
in apples (Ger) 12062
leuko-anthocyanins in condensed tannins, analysis 1644
***effects***
on hemagglutination, mechanism of action (Ger) 34085
on hemorrh., blood coagulation & capillary permeability in exper. animals (Ger) 36940
on pectinase activity 13714
tannic acid on human erythrocytes 20738
***therapeutic use***
borotannic complex-salicylic acid prep. in onychomycosis 4571
borotannic complex-salicylic acid prep. in onchomycosis & paronychia (Ger) 20604
tannin-formalin-iodine prep. in prev. of fungus dis. of foot (Rus) 45638

**TANTALUM**
cranioplasty (Rus) 55311
mesh in abdom. hernias & eventrations (Por) 53853
tantalum foil arthroplasty of temporomandibular joint, indic. & technics 17876
tantalum plates in plastic surg. of cranium, causes of failure (It) 43341

***TAPAZOLE see*** **THYROID ANTAGONISTS**

**TAPEWORM INFECTION**
***see also*** **CYSTICERCOSIS**
***see also*** **SPARGANOSES**
hymenolepiasis nana in rats (Pol) 33792
Taenia, pathol. & ther. (Ger) 3238
***blood in***
diphyllobothriasis (Rus) 18896
***complications***
acute cholecystitis (Rus) 41546
***epidemiology***
cestode infect. in domestic animals & man in So. Island of New Zealand 30196
Taeniarhynchus saginatus infect. in Poland (Pol) 33731
***experimental***
eff. of tox. of sustained action quinacrine in dogs 4622
Hymenolepsis nana (Rus) 51738
Hymenolepis nana fraterna infestation of adult rats treated by cortisone (Fr) 26688
***in pregnancy***
diphyllobothriasis causing anemia (Rus) 12113
***prevention and control***
diphyllobothriasis, in Russia (Pol) 33681
exam. of fish in prev. of diphyllobothriasis (Rus) 33335
in Poland (Pol) 33680
***therapy***
(m-allyloxyphenylcarbamylmethyl) dipropyl (p-chlorobenzyl) ammonium chloride in Hymenolepis nana infect. (Sp) 6606
drug ther. of Hymenolepsis nana infect. (Sp) 13892
quinacrine (Rus) 18895

**TAPEWORMS**
***see also*** **DIPHYLLOBOTHRIUM**
***see also*** **ECHINOCOCCUS**
***see also*** **TAENIA**
Adenocolex orsini n. g., n. sp. from fresh water fish in Kashmir 5132
Baerietta diana in salamanders, seasonal variations 5596
Bothriocephalus scorpii & Clestobothrium crassiceps, morphol. comparison of scolex & mode of attachment to fish intestine 30380
Cestoda of birds of Hertfordshire, England 17370
Davainea proglottina, develop. in intermediate slug host 5595
Dilepis undula hexacanth embryo, develop. of hooks & contractile parenchyma 5594
form. of unfertilized ova in membranes of cysticercae (Ger) 45791
Hydatigera taeniaeformis, growth of larval stage 50998
Raillietina (Skrjabinia) böhmi from hens (Ger) 55569

**TARS**
***see also*** **COAL TAR**
accid. massive covering of body (Rus) 43390
slate chamber tar carcinogen, neutralization with ultrasonics & high frequency current (Rus) 39578
***effects***
carcinogenic eff. of shale tars, reduction of activity in mice by pretreatment of tars with high frequency currents & ultrasonics (Rus) 33325
***therapeutic use***
mineral tar ointment in skin dis., with undecylenic acid 38639
tar ointment in pruritus vulvae, relation to spino-cellular epithelioma of labium majus (It) 6826
tar steroid-neomycin ointment in neurodermatitis & eczema, comparison with hydrocortisone ointment 16342
tar-sulfur powder in skin dis. (Ger) 22977

***TARSUS see*** **ANKLE**

**TASTE**
acuity, quantitative clin. test & normal thresholds for sucrose & sodium chloride 35298
chorda tympani as taste pathway 35330
eff. of aging 50588
eff. of Bell's palsy 35291
eff. of methylparafynol on ethanol drinking in rats 28633
electrogustometric exam. in cerebellopontine tumors & on taste pathways 52580
enzymatic mechanism (Rus) 47985
gustatory exam., technic 35329
gustatory sweating synd. 35288
interrelation of taste & olfactory systems (It) 44800
loss of taste after tonsillectomy, mediocolegal case report (Ger) 23045
metallic tastes, subjective & objective, mechanism (It) 52119
neural mechanisms & species differences 15708
of water, physiol. factors 52435
preferences of adrenalectomized rats for sodium chloride, lithium chloride & other salts 35806
sensitivity in man, eff. of water deprivation 19484
sensitivity to phenyl thiocarbamide in Norwegians, genetic study 23720
species differences in taste qualities mediated through glossopharyngeal nerve 35387
sweet & salty taste perception in man, changes with advancing age (Fr) 27567
taste-preference exper., comparison of stimulus procedures 17084
threshold determ. by electric stimulation technic 272
thresholds of phenylthiourea among Ashkenazic Jews 44979
vasc. reactions to gustatory stimuli in pregn. & pregn. toxemias (Rus) 12151

**TASTE BUDS**
eff. of anions on activity of gustatory receptors in tongue-glossopharyngeal nerve prep. from frog 16470
relation of gustatory area to sensorimotor centers, demonstration by gustatory stimulation with EEG in cats & dogs (It) 37504

**TATTOOING**
dermabrasion tattooing for nevus flammeus, technic 20390
mercurial reaction in a tattoo, case report 48507
silicotic granuloma in old tattoos caused by brick dust (Fr) 37869

***TAY-SACHS DISEASE see*** **AMAUROTIC IDIOCY**

***TB 1 see*** **THIOSEMICARBAZONES**

**TEA**
***see also*** **THEOPHYLLINE**
fluorine content of tea leaves, determ. (It) 37424
***injurious effects***
theism in Moroccan child. during weaning (Fr) 42014

**TEACHERS**
attitudes toward ment. defic. 46962
authoritarian teachers, interaction with nonauthoritarian teachers in pub. schools 15994
communication with psychotherapist in treatment of severely disturbed child 51090
role in special classes for ment. retarded child. 24454
staff train. program at Southern Wisconsin Colony & Train. School for ment. retarded child. 24456

***TEARS see*** **LACRIMAL APPARATUS**

**TECHNOLOGY, MEDICAL**
acceleration of drying of frozen biol. material by use of high frequency dielectric heating 39267
application of electrophoresis on starch gel in clin. chem. (Fr) 24769
bacteriol. diag. in small laboratory 42145
cooperation of technician with med. team & patient (Fr) 32383
diag. virol. as new field for med. technologist 12327
in Kansas, statist. survey 46937
intracardiac technic for inject. & bleeding of newborn mice & rats 31416
laboratory tests, clin. aspects (Dan) 41963
med. technology journal club for discussion of recent articles at St. Louis University Graduate School 12323
need for emergency laboratory serv. in traum. cases 51481
quality control in chem. pathol. department of hosp. 17714
spiritual values 16208
technic for collection of intermittent samples of adrenal venous blood 31419
technologist's increased responsibilities 16223
technologist's role at autopsy 12325
***apparatus and instruments***
device & technic for multiple intravenous inject. in mice 32868
inexpensive water-bath with controlled temperature 22144
mechanized Nuzilson microgasometer 46901

**TEETH**
***see also*** **DENTISTRY**
***see also*** **MALOCCLUSION**
***see also*** **MASTICATION**
***see also*** **PERIODONTIUM**
***see also*** **TOOTH GERM**
cuticular calculus attachment to enamel surface 20136
dent. health educ. of pub. 28097
dent. health educ., responsibility of state society 28098
dent. health of naval recruits 23319 23320 23321 23322 23323
dent. program in retail store 4248
eruption of permanent teeth in Pima Indian child. 40775
hyg. (Fr) 38789
multirooted teeth, contraindic. for root canal ther. (It) 15893
preop. dent. treatment, value in thoracotomy (Dan) 10595
tooth brushing habits, relation to dent. health among naval recruits 11539
tooth buds, technic for in vitro culture 40773
***abnormalities***
causing dysalaia, funct. & mechanical aspects (Ger) 23052
dens invaginatus, contents of invagination 43367
dens invaginatus of mesiodens, case report 18073
dens invaginatus, radicular variety 20153
in mongolian, microcephalic & acrocephalic ment. defectives, comparison 26089
milk teeth, relation to fetal malform., x-ray findings (Ger) 16282
oligodontia, with mesodermal dysgenesis of cornea & iris (Ger) 51270
prev. by diet & ther. of mothers in pregn. (Sp) 42731
with facial bone abnorm., case report (Tur) 32999
***abscess***
causing cavernous thrombophlebitis & purulent meningoencephalitis (Fr) 54130
***anatomy and histology***
anterior teeth measurements in twins, genetic variations 546
durodentin form. in squamous denticles of fish Lepisosteus osseus (Ger) 34423
histol. & pigmentation in Japanese giant salamander (Ger) 55626
histol. of various dent. tissues (Fr) 28070
internal structure, study technic 17213
keratinized enamel cuticle, histogen. 7686
racial differences in human teeth (It) 19231
silver impregnation of tooth nerve fibers after decalcification with edathamil 54579
surface structure & caries incidence in groups of 5-year old London school child., comparison of data over a 29-year period 26143
***diseases***
buccodental disord. in pregn., diag. & ther. (Fr) 21353
caused by dentin proteolysis 53551
dent. pain during Asian influenza 18074
in Canada, prev. 2590
infect., activation by cortisone ther. of rheum. fever 36307
infect. causing fever lasting 4 months (Fr) 43954
infect., prev. & ther. with antibiotics, antitoxins & sulfonamides (Sp) 8988
inj. eff. of chewing gum 7535
precocious loss of teeth & asymmetrical shoulder in Italian basket makers (It) 3597
prev. (Fr) 20667
review (Ger) 20425
upper impacted canine, x-ray localization method 7680
***effect of drugs on***
ACTH & cortisone on teeth subjected to mechanical movement in rabbit & guinea pig 44903
***effect of radiations on***
x-ray induced lesions in oral cancer ther. (Rus) 18753
***embryology***
morphogenesis of dent. crest & gemma (It) 37489
***in various diseases***
diabetes mellitus 50144

*metabolism*
- bone salts, eff. of fluorine on solubility 4783
- phosphates, localization of component carbon dioxide by radioisotope methods (Fr) 26344
- phosphorus, eff. of trigeminal nerve resection in rabbits (Rus) 52983
- selenium content 52853
- strontium 90 in rabbits 29806
- strontium, radiodeterm. in various parts of U. S. 4402

*pathology*
- absorm., dis. & inj. caused by high-speed rotary, ultrasonic & air abrasive instrumentation, in guinea pigs, exper. study & review 50138
- abrasion by dentifrice abrasives, measurement by radioactive technic 40769
- in rickets, eff. of vitamin D, pathol. & anat. aspects (Ger) 28075

*physiology*
- dentition in assessment of age 53519
- dentition, relation to depressive position in inf., psychoanalytic interpretation 4288
- dentofacial growth, dynamics & develop. after placement of space maintainers 16535
- eff. of high altitudes (Sw) 29222
- eruption, age of eruption in New Guinea natives, reliability in assessing unknown calendar age 10526
- eruption, eff. of fluorine in water supply (Fr) 31087
- eruption, mean age of eruption of permanent teeth in humans, computation methods 17220
- factors of continuous growth & calcification of rat incisors, eff. of malnutrition (It) 37150
- factors of continuous growth & calcification of rat incisor, eff. of pregn., lactation & progesterone (It) 37149
- factors of continuous growth & calcification of rat incisor, eff. of sex hormones (It) 37148
- form., variability in man 44955
- pain induced by electrical stimulation of tooth pulp used for assay of analgesic eff. of drugs in man (It) 37315
- relation of occlusal surfaces of teeth to temporomandibular joint 28101
- vascularity decrease, eff. on dent. caries & salivary gland structure & funct. 40770

*radiography*
- dose reduction 34652
- eff. of microconcentrations of stannous fluoride solutions on x-ray films 50135
- hazards & protective measures 52943
- 'echasic in cattle 28179

*wounds and injuries*
- traum. avulsion, multiple reimplantation 20143

## TEETH, DECIDUOUS
- age at eruption in New Guinea natives, dent. age reliability in assessing unknown calendar age 10526
- deciduous tooth contained in neurept. rhinolith, case report (Sp) 23918
- eruption of deciduous teeth in Korean & Amer. child. 726

## TEETH EXTRACTION
- eff. on blood pressure & pulse rate, in sedated normotensive & hypertensive patients with & without epinephrine 40238
- of impacted maxillary cuspid, case report 16540
- problem of impacted teeth 43365

*anesthesia and analgesia*
- 1, 1, 1-trifluoro-2-bromo-2-chloroethane adjuvant to nitrous oxide in outpatient dent. extractions 48163

*complications*
- actinomycosis, cervicofacial 41250
- bacteremia, influencing factors (Ger) 7111
- cancer in healing alveolus 41256
- hemorrh., pre-extraction diag. of hemophilia-like bleeding tendencies, blood coagulation mechanisms 18722
- hemorrh., viper venom for hemostasis 20135
- oro-antral fistula, plastic closure 5370
- postop. pain, ther., acetophenetidin-caffeine-phenyltoloxamine-salicylamide prep. 8670
- retained root of tooth in maxillary sinus, surg. 50148
- sensitivity to penicillin & procaine, determ. by skin tests 43366

*experimental*
- delayed reimplantation of second molars in hamsters 20145
- eff. of alizarin red S vital dye on wound healing in hamster jaw 50137

*statistics*
- reasons for extraction of permanent teeth 16534, 20149

## TELANGIECTASIS
*see also* ANGIOMATOSIS

*case reports*
- in erythema centrifugum annulare, with purpura (Ger) 15279
- lungs 54932
- spinal cord involvement, clin. & x-ray pathol. 2347
- with thrombopathy (It) 39767

*complications*
- dilat. of aorta, idiopathic, assoc. with hered. telangiectasis (Sp) 35672

*differential diagnosis*
- telangiectatic granuloma of bladder from cancer, pathol. & case report (Fr) 28677

*etiology and pathogenesis*
- telangiectatic granuloma of larynx after endotracheal anesth., case report (Sp) 23914

*TELEPATHY see* PARAPSYCHOLOGY

*TELEVISION see* RADIO AND TELEVISION

## TEMPERATURE
*see also* BODY TEMPERATURE
*see also* COLD
*see also* HEAT

*see also* THERMOMETERS
- biol. application of thermal principles (Cz) 48617
- temperature-sensitive requirement for p-aminobenzoic acid & methionine in E. coli strain 20730
- van't Hoff's rule, evaluation of mathematical formula & modifications (Ger) 30496

*effects*
- abrupt temperature changes on urine picture in rats acclimated to cold, neutral & hot environments 35822
- acclimatization to altitude at different temperatures on indices of oxygen transport, utilization & storage in various rat organs 23284
- cold exposure on heat-reinforced operation behavior in rats 33345
- cold, neutral & hot environments on lipid metab. in rat 35825
- cold, neutral & hot temperatures on metab. response of altitude-acclimated rats 35823, 35824
- contrasting environmental temperature, physiol. eff. on body (Rus) 49788
- environmental temperature on tox. of isoniazid (Fr) 26760
- induction of reversal of dominance of variegation in ornamental kale 49369
- isolated changes of brain temperature, on oxygen consumption, resp. & circ. in dogs (Ger) 30576
- non-uniform initial temperature distribution of cooling, mathematical equations 23290
- on action potential of Ranvier's node (Ger) 30554
- on bact. accl. in silage made at controlled temperature 5091
- on blood ammonia levels (Fr) 44626
- on blood bilirubin determ. by diazo reaction (It) 1917
- on blood clot retraction (It) 3886
- on blood potassium & sodium & phys. properties in work at high temperatures (Pol) 43639
- on blood sugar pool size, turnover rate & oxidation rate in anesthetized warm- & cold-acclimated rats 48468
- on body temperature response to CNS-acting drugs 26408
- on contraction & relaxation of ventric. heart musc. in dogs 14342
- on diurnal variation in blood constituents in cattle 12499
- on electrolyte metab. of isolated frog skin 50567
- on endogenous resp. in frog liver, kinetics (Ger) 46178
- on fixed virus (Ger) 36423
- on foot & mouth dis. virus multiplication in pig kidney cell suspensions 52345
- on formic acid & gas prod. by coliform organisms 40842
- on growth & capillary resist. in guinea pig (Fr) 41924
- on inotropic vagus eff. of isolated rabbit auric. (Ger) 30582
- on liver metab. in homoiothermic & poikiliothermic animals, comparison (Ger) 23079
- on lung lipids (Rus) 37207
- on nerve action potential (Rus) 47983
- on neuromusc. junction of frog 50074
- on oxidation-reduction potential of coenzyme I system 40567
- on oxygen consumption of frog & rat tissues in vitro (Ger) 39254
- on oxygen consumption in rat, eff. of irradiation 4323
- on oxygen transport, utilization & storage in rats acclimated to altitude 16815
- on oxytetracycline-resist. & phage-producing cells of Bacillus megatherium cultures 17320
- on phenotypic variability in mice 44033
- on polio. virus inactivation by high pressure (Fr) 13044
- on polio. virus interaction with monkey kidney cells in vitro 37572
- on post-exercise Courtice-Douglas ketosis 20912
- on premature inf. survival 30423
- on protein requirements of chinook salmon 17814
- on reproductive physiol. in male rats 52455
- on resting potential of rat diaphragm in vitro 5742
- on shock caused by limb ischemia from exper. clamping in rats 48457
- on skin circ. & metab. of mature & premature newborn inf. 30575
- on spermatozoan motility (Ger) 15976
- on stimulation of lactate prod. in ascites tumor cells by 4, 6-dinitro-o-cresol 31420
- on survival of exogenous bact. in external auditory canal, exper. study & review 51352
- on survival of oocysts of Eimeria stiedae 12773
- on survival rate in x-irradiated rats (Rus) 10791
- on thyroid funct. in owls (Fr) 48815
- on urinary excretion of electrolytes & 17, 20-dihydroxy-20-ketosteroids (Ger) 40177
- on viability of S E polyoma virus 31378
- on vitamin C level of blood & sweat, exposure to humid heat (Pol) 43640
- on water & caloric requirements & on daily work load 8277

*TEMPERATURE REGULATION see* BODY TEMPERATURE

## TEMPERATURE SENSE
- discrepancy from adaptation level as source of affect 17269
- eff. of brain stem lesions on perception of heat in cat 5510
- eff. of exper. hypothalamic lesions on warmth discrimination in dogs 12531
- thermal sense in regulation of body temperature during exposure to cold 16465
- warmth sense organ in man, comparison of stimulation by microwave & infrared rays 16829

## TEMPORAL BONE
*see also* LABYRINTH
*see also* MASTOID
*see also* PETROUS BONE

*abnormalities*
- causing CSF rhinorrhea, case report 17540
- fibrous dysplasia 15739

*anatomy and histology*
- develop. anat., application to endaural surg. 6227
- pneumatization process, stages & mechanism 50749
- preserv. from postmortem changes & artifacts, comparison of various histol. technics 18477
- technic for removing & prep. for pathol. study & anatomico-surg. dissection 10413

*cysts*
- cholesteatoma, x-ray diag. 20951
- true cholesteatoma 34934

*fractures*
- late posttraum. recur. meningococcic meningitis (Ger) 22775

*neoplasms*
- advanced cancer of ear & temporal bone, surg. & case report 45813
- metastatic from thyroid, case reports (It) 30352

*radiography*
- foramen lacerum posterius, diag. value in cranial nerve disord. & neoplasms in & near foramen (It) 8552

## TEMPORAL LOBE
*abscess*
- otogenous, unusual case (Rus) 55232

*in various diseases*
- epilepsy, psychomotor (Ser) 30091

*neoplasms*
- causing psychomotor epilepsy, case reports & pathol. of nodular tumors 25980
- handedness & brainedness in temporal gliomas, statist. 24065

*pathology*
- necrosis in viral encephalitis 17794

*physiology*
- eff. of serial lesions on visual & tactile discrimination in monkey 4930
- eff. of surg. lesions on pitch discrimination in monkey 25981
- localization of funct. & psychiatric eff. of undercutting (Fr) 44746

*surgery*
- temporal lobectomy in psychomotor epilepsy, clin. statist. (Ger) 21018

## TEMPOROMANDIBULAR JOINT
- plastic thrombophlebitis in pterygocondylar area in edentulous patient, clin. & pathol. significance 43361

*diseases*
- ankylosis, bilateral after rheum. arthritis, case report 20688
- ankylosis, surg. resection of joint with graft of veal cartilage (Fr) 11990
- ankylosis, ther. with prosth. (Sp) 9704
- arthritis & osteoarrefaction causing periauricular pain (It) 25571
- Costen's synd. with malocclusion, stenosis of eustachian tube & hearing loss, audio-prosth. management 11721
- diag. & ther. 5199
- eff. on hearing, review (Pol) 30320
- with atypical facial paralysis & calcification of stylohyoid ligament (It) 32139

*dislocation*
- acute, bilateral, new reduction technics 17871
- fract.-disloc., surg. (Ger) 19330

*physiology*
- relation to occlusal surfaces of teeth 28101

*surgery*
- endaural approach, indic. & technics 17634
- tantalum foil arthroplasty, indic. & technics 17876

## TENDONS
*see also* MUSCLES

*anatomy and histology*
- structure of epiphyseal tendon insertions (Ger) 11349
- tendon fibers from rat tail (Ger) 23549



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

tendon fibrils, comparative anat. in vertebrates, electron microscopy (Ger) 34422

***metabolism***

sodium & chloride spaces, relation to water content in normal & depleted rats 35817

***neoplasms***

giant cell tumor of tendon sheath (Ger) 55723

giant cell tumors (Rus) 43394

***pathology***

in arteriosclerosis (It) 9320

***physiology***

eff. of heat & age on collagen swelling in acid 50581

regen. in animals (Rus) 47886

thermal contraction of single tendon fibers after treatment with various agents, influence of age of donor animal 27566

***radiography***

(Fr) 41402

***rupture***

anatomopathol. (Sw) 19942

subcutaneous rupt., bilateral of tendons of long head of biceps (It) 25620

subcutaneous rupt., surg. ther. (Ger) 34569

***surgery***

forceps for use in tendon repair 35881

replacement of Achilles tendon of dog with polyethylene-covered wire prosthesis 53124

secondary repair of flexor tendons, mechanics (Fr) 47377

***transplantation***

peroneus brevis, surg. uses 54747

rehabil. of tendon transfers 42464

transfer of tendons of forearm & hand to restore hand funct. in tetraplegia 16975

***wounds and injuries***

displacement inj. (Ger) 42246

exper. aponeurotic wds., eff. of tension on healing 23020

flexor tendons of thumb & fingers, free tendon grafting 47839

traum. disord. of insertions 40307

**TENOSYNOVITIS**

hand, diag. & ther. (Ger) 22921

susceptibility, determ. by skin temperature test, simplified device (Ger) 28051

***case reports***

(Ger) 46189

stenosing tenosynovitis causing bilateral trigger finger in young girl (Ser) 23687

***etiology and pathogenesis***

rheum. arthritis, clin. study & review (Fr) 50351

rheum. arthritis, diag. & ther. 40605

***manifestations***

de Quervain's dis., clin. & anat. aspects 16974

***therapy***

hydrocortisone (Dut) 29952

hydrocortisone in tenosynovitis crepitans 11884

xylanpolysulfate prep. SP-54 in tenosynovitis crepitans (Ger) 34531

*TENTORIAL SINUS see* **VEINS, CRANIAL SINUSES**

*TEPP see* **PYROPHOSPHATES**

**TERATOMA**

dermoid cyst of canine ovary, case report 40405

intracranial tridermal in chick (Ger) 55531

nasopharynx 5391

***case reports***

conus medullaris 5531

CNS 54756

dermoid cyst of ovary, ectopic with unicornuate uterus & ectopic kidney 21813

epididymis, histochem. 54539

mediastinum (Sp) 13537

mesenterial (Ser) 21961

ovarian teratoma containing a carcinoid tumor in case of malignant carcinoid synd. 11970

ovaries 11768

ovaries, with extracapsular loop of colon 35764

ovary, cystic (Ger) 35582

ovary, in pregn. & puerperium (It) 38544

ovary, with primary carcinoid (Fr) 2327

pinealomatous with various compl. 3602

posterior cranial fossa (It) 2971

retroperitoneal (Bul) 41590

retroperitoneal space (It) 54211

struma ovarii 2855

struma ovarii with Meig's synd. (Fr) 44638

testicular, of undescendent testis (Rus) 55341

testis 40345

triple dermoid cyst of fallopian tube partially lined with gastric mucosal tissue assoc. with parafilnoma (Ger) 34586

with sarcoma of spine, clin. pathol. conf. (Sp) 9687

***complications***

mediastinum, with metastatic choriocarcinoma (Sw) 43185

ovaries, with endometrial adenocarcinoma (Dut) 29996

***differential diagnosis***

ovarian, from urol. dis. (Ger) 34378

***etiology and pathogenesis***

NS, embryonal & traum. etiol. of epidermodermoid cyst & teratoma (Fr) 35240

***in infant and child***

brain teratoma in newborn inf., unusual case 17797

coccygeal region, in newborn (Rus) 33593

congen. dermoid tumor containing hair of conjunctiva, case, case report (Sp) 15509

extradural dysembryoma causing compression of spinal cord in young child (Sp) 53945

neck in newborn, postmortem pathol. (Ger) 34453

orbit (Ger) 35597

orbit, polycystic in newborn (Fr) 38145

sacrococcygeal, malignant degen. in 3-year-old child 5734

sacrococcygeal region 9972

***manifestations***

coughing up hairs in mediastinal dermoid cyst (Pol) 30700

***pathology***

infect. dermoid cyst of ovary with carcinomatous degen. & unusual hydro-aeric x-ray image (Fr) 26175

malpighian layer of epithelium of ovarian teratoma, histochem. (It) 13115

***surgery***

dermoid cyst of spleen, case report 25056

dermoid cysts, bilateral of ovaries (Ger) 8139

indic. in bilateral ovarian dermoid cysts in young women (Fr) 27698

tridermomas of stomach in young inf., surg., partial gastrectomy (Sp) 13900

**TERPENES**

*see also* **CAMPHOR**

*see also* **MENTHOL**

3-aminoisocamphane N-alkyl, -acyl & -alkylaminoacyl deriv., pharmacol. (It) 37287

ammonia deriv., pharmacol. (Rus) 39338

longifolene, chem. structure 14905

***determination***

oryzanol-C from rice bran oil, identification as 24-methylenecycloartanol ferulate 2829

l-piperitone, colorimetry with 3,5-dinitrobenzoic acid (Dut) 7961

d-pulegone, colorimetry with 3,5-dinitrobenzoic acid (Dut) 43585

separation by low-temperature chromatography, technic 21685

thujone, colorimetry with 3,5-dinitrobenzoic acid (Dut) 7960

triterpene content of Labiatae family 16705

***effects***

asiatic acid glycoside, on cicatrization of exper. corneal wds., comparison with corneal extract (Fr) 40872

asiatic acid glycoside, on plant germination & growth (Fr) 40873

chloro-terpene oxides, insecticidal eff. (Ger) 7976

sulfurated terpene on adrenal cortex funct. & histol. (Fr) 32931

***therapeutic use***

asiatic acid glycosides & rhamnosides from Centella madagascariensis in leg ulcers (Fr) 53394

terpene mixture in cholecystitis & cholelithiasis (Ger) 6664

terpene prep. in kidney calculi (Ger) 34363

*TERRAMYCIN see* **OXYTETRACYCLINE**

**TESTES**

*see also* **CASTRATION**

*see also* **EPIDIDYMIS**

*see also* **HYDROCELE**

*see also* **KLINEFELTER SYNDROME**

*see also* **ORCHITIS**

*see also* **SCROTUM**

*see also* **VAS DEFERENS**

androgen gland of crustacean Asellus aquaticus (Fr) 3048

induction of sterility in adult virgin guinea pigs by inject. of homologous adult testis emulsion 44972

monolayer cultures, simplified prod. & exam. methods 5644

***abnormalities***

*see also* **CRYPTORCHIDISM**

accessory spleen in ectopic testicle 25707

ectopia, diag. & surg. (Fr) 32391

ectopia, perineal (Ger) 11328

ectopia, surg. indic. (Fr) 9658

***anatomy and histology***

contractile elements in limiting membrane of seminiferous tubules in rat 27417

***blood supply***

aging of veins, anat. & x-ray study (It) 37166

spiral arteries, morphol. & funct. in guinea pigs, review (It) 25525

testosterone content of human spermatic vein blood, microdeterm. 4844

***calculi***

mechanism of form. (Rus) 10727

***diseases***

atrophy induced by lesions of cerebral cortex in rats (Fr) 38730

germinal epithelial changes with sterility caused by gonococcal epididymitis (Sp) 7581

hydrocele, conservative ther. (Heb) 49833

induced by ligation of spermatic vessels & cord in rat (Sp) 44596

orchio-epididymo-pancreatitis caused by parotitis, ther. with prednisolone (It) 36765

retarded sexual develop. in adolescent boys with essential obesity, fractionation of urinary 17-ketosteroids (It) 27364

sarcoidosis of tunicae, epididymis & spermatic cord, case report 18151

torsion & strangulation of Morgagni's hydatids (Sw) 43218

torsion, case reports (Sp) 13541

torsion in orchitis in inf. & child (It) 54220

***effect of drugs on***

ACTH & human chorionic gonadotropin on testis funct. in man 40666

aldosterone monoacetate & desoxycorticosterone acetate on young rats 35097

benzol on testis histol. in rat (It) 39357

cadmium (Ca) 38227

chorionic gonadotropin on hypophysectomized tortoises (Fr) 48863

chorionic gonadotropin on normal & chronic ischemic testes in rat 10052

chorionic gonadotropins on testicular develop., ther. & diag. value (Sp) 8685

desoxycorticosterone acetate on testis size & funct. in cockerel chicks 3418

diethylstilbestrol, feminization of young turtle gonads (Fr) 26879

testosterone, on testicular weight in fasting rats (It) 25642

***embryology***

develop. & descent in relation to congen. hernia 10112

***infarction***

idiopathic hemorrh. infarction in newborn 51478

***metabolism***

estrogen biosynthesis by perfused stallion testis 40532

free testosterone in rat testis 40797

phosphate uptake of chick testis as gonadotropin assay method, radiodeterm. 46586

phosphorus uptake, eff. of luteinizing hormone in rats, radiodeterm. (It) 49598

polyenoic acid content as indic. of vitamin F defic. in rats 17817

***neoplasms***

*see also* **DISGERMINOMA**

1206

(Ger) 55590

adenopapillary carcinoma (Ger) 55660

benign interstitial cell tumor, Sertoli cell tumor, teratoma & rhabdomyoma, case reports 40345

bilateral, primary (Ger) 11326

choriocarcinoma, prolonged survival after orchiectomy 40306

chorioepithelioma (It) 42539

classif., diag. & ther. (Fr) 35524

differ. diag. (Ger) 52229

differ. diag. (Sw) 54814

endocrine funct. of human embryonal testicular carcinoma transplanted into hamsters 46502

exper. carcinogenesis, genetic & hormonal aspects 13257

in child. (Bul) 41575

malignant, age distribution & ther. in Bulgaria (Fr) 53562

malignant, radiother. with surg., results (It) 31660

malignant seminoma, case report (Por) 31855

mesothelioma (Sp) 44415

metastatic to retroperitoneum, cavography in diag. & ther. (Ger) 15864

metastatic trophoblastic, ther., amethopterin 46926

nuclear sex determ. in normal tissue of tumor-bearing patients 32353

pathogen. & clin. picture (Ger) 55589

postop. radiother. (It) 31657

radiother., & surg., 5 year survival, statist. 55027

review (Fr) 25089

Sertoli cell adenoma, histol. & endocrine aspects & case report (It) 37026

Sertoli cell, clinicopathol. & endocrinol. in dogs 4624

surg., radical orchiectomy with retroperitoneal lymph node dissection, indic. & technics 55028

teratoma of undescendent testis (Rus) 55341

with gynecomastia, origins of breast swelling 38055

with testicular abnorm., eff. of abnorm. on ther. success (Ger) 34584

***pathology***

auto-allergic lesions induced in guinea pig by inject. of homologous testis with Freund adjuvant, histol. 50540

biopsy in diag. of oligospermia (Nor) 52724

in Klinefelter synd., failure to demonstrate gonadal response to chronic gonadotropin (Sp) 8694

in pantothenic acid defic. in rat 59057

***physiology***

absorp. & spermiation in toads in vitro, eff. of saline solution containing anterior pituitary (Fr) 3112

behavior of interstitial cells of albino rats after vital staining with trypan blue (Tur) 45451

eff. of discontinuance of prolonged chorionic gonadotropin treatment in rats (Ger) 3433

eff. of hypervitaminosis A on compensatory testicular hypertrophy in guinea pigs (It) 29743

eff. of insulin- & tolbutamide-induced hypoglycemia in rat (Fr) 26714

eff. of insulin- & tolbutamide-induced hypoglycemia in rats (Sp) 8980

eff. of medial eminence lesions in salamander (It) 34424

eff. of protein defic. in rat (Fr) 38762

eff. of spinal cord emulsion in Freund's adjuvant on testis growth in cockerels 31374

endocrine funct., eff. of chorionic gonadotropins on urinary 17-ketosteroids, chromatographically separated fractions & phenolic steroids in normal, castrated & aged men & eunuchs (Fr) 9022

hormonal secretion & contact action (Ger) 3269

induction of epididymal morphogenesis in chick (Fr) 26771

physiol. & pathophysiol. 30934

relation of weight increase to spermatozoa release in toad testes in saline solutions, with & without added toad hypophysis (Sp) 8992

spermatokinesis in testes of house sparrow, determinants 15802

***surgery***

intratesticular anterior pituitary homografts, maintenance of gonad stimulating funct. in hypophysectomized guinea pig (Fr) 26702

orchiopexy, late postop. develop. of seminoma, case reports 33105

orchiopexy, transseptal technic 33116

***wounds and injuries***

traum. amputation (Ger) 38427

## TESTOSTERONE

***effects***

carcinogenic action in rats & hamsters 26002

early inject. into male guinea pigs in attempted induction of precocious sexual behavior 3413

induction of nitrogen retention in castrated male rats on amino acid-defic. diets body & organ weight changes (Sp) 44388

on adrenal cortex, eff. of prolonged admin. of high dos. in rat 13461

on adrenal response to ACTH, with cortisone (Fr) 45896

on appetite, body weight & body composition of normal rat 39192

on blood alkaline phosphatase (Ger) 34152

on blood sugar, & carbohydrate metab. in liver & musc. of rabbit 13462

on blood tripeptidase activity in castrated rats (Ger) 27890

on body weight, seminal vesicles, prostate & levator ani musc. in male castrated rat, response to estrone 15600

on conjugated acid mucopolysaccharides in rat cartilage (It) 1934

on exper. arrhythmias & on pressure & heart rate 5744

on hematocrit of castrated & noncastrated aged male rats 40377

on interstitial cell stimulating hormone & follicle stimulating hormone content of intact & castrated male & female rats, admin. of low testosterone dos. 46596

on liver glycogen phosphorolysis in rats (Fr) 26862

on mammary glands, with & without insulin, in castrated & hypophysectomized rats 35143

on nutritional value of proteins in rat 29531

on pituitary content of interstitial cell stimulating hormone in male & female rats 13447

on prostate weight & histol. after local admin. in rat 15588

on radiosulfur incorporation by mucopolysaccharides of connective tissue of cock's comb (Sp) 8985

on radio-sulfur uptake by mucopolysaccharides of connective tissue of cock's comb (Fr) 26718

on skin response to x-irradiation in rats (Ger) 45843

on submaxillary gland histol. in male & female rats, comparison (It) 49591

on toxic liver lesions in rabbits (Ger) 49128

on uracil-2-C14 incorporation in liver ribonucleic acid in rat 2677

on urinary excretion of 17-ketosteroids in healthy humans, rectal admin. 305

on urinary 17-ketosteroids in kidney dis. 35184

on uropepsin elimination (It) 1507

on weight of testes & seminal vesicles & on survival of fasting rats (It) 25642

***in blood***

human spermatic vein blood, microdeterm. 4844

***metabolism***

conversion to β-estradiol in dog ovary slices, eff. of FSH 28247

degradation in rat liver tissue, failure to demonstrate degradation in other tissues (Ger) 49917

testes, free testosterone in rat testis 40797

transform. into estrogens in postmenopausal female (Fr) 36063

***related compounds***

4β-chlorotestosterone acetate & testosterone propionate eff. on protein synthesis by liver in vitro 19467

4β-chlorotestosterone acetate & testosterone propionate, eff. on protein synthesis in rat kidney & liver in vitro (It) 32591

4-chlorotestosterone acetate, anticatabolic activity in rats, dihydrotachysterol test (It) 36806

4-chlorotestosterone acetate, eff. on prednisolone-induced enzyme changes in blood in rabbit (It) 49599

4β-chlorotestosterone acetate, ther. of postop. metab. disord. in otorhinolaryngol. (It) 13504

4β-chlorotestosterone acetate ... ther. of rheum. arthritis, with cortisone (It) 31767

4β-chlorotestosterone, metab. in guinea pig liver homogenates (It) 3591

eff. testosterone propionate, on distribution of radioactivity in adrenals following parenteral radiocobalt-labeled vitamin B12 15593

17-ethyl-19-nortestosterone as anabolic steroid, eff. on sulfate uptake in growing bones of cockerels 39195

17-ethyl-19-nortestosterone, protective eff. against cortisone inhib. of bone healing after fract. in rat 46598

17-ethyl-19-nortestosterone, protective eff. against inhib. of bone repair in lathyrus-fed rats 46597

17α-(2-methallyl)-19-nortestosterone, oral progestational agent 15596

17α-methyl-19-nortestosterone, eff. on ovulation in hens (It) 48121

17α-methyl-19-nortestosterone, eff. on urinary excretion of 17-ketosteroids & 17-hydroxycorticosteroids in adult males 35083

17α-methyl-19-nortestosterone ther. causing jaundice & other compl. 17033

17α-methyl-19-nortestosterone, ther. of habitual abortion (Dut) 30009

17 α-methyl-19-nortestosterone ther. of premenstrual tension, menstruation disord. & habitual abortion 36026

methyltestosterone admin. in pregn., eff. on fetus 41884

methyltestosterone causing jaundice 48296

methyltestosterone-ethinyl estradiol-reserpine prep., ther. of female climacteric compl. (Sp) 20623

methyltestosterone inhib. of catabolism during stress in mice 36598

methyltestosterone inhib. of lactation, with dienestrol 17621

methyltestosterone ther. of eunuchoidism, unusual case with successful pregn. in wife (Cs) 38276

methyltestosterone, ther. of xanthoma in inf., with ethinyl estradiol & desoxycorticosterone glucoside (Ger) 38855

19-nortestosterone deriv., comparison of activity with 17-hydroxyprogesterone deriv. in man 13196

19-nortestosterone deriv., progestational activity 39203

19-nortestosterone phenyl propionate, eff. on female genitalia, exper. (It) 8463

19-nor-testosterone phenylpropionate, eff. on submaxillary gland histol. in male & female rats, comparison (It) 49591

19-nor-testosterone phenyl propionate, growth stimulation by increased protein anabolism 2237

19-nortestosterone- phenyl-propionate, metabolic & clin. eff. (Ger) 3261

19-nor-testosterone phenyl propionate, ther. of acute renal failure (Dan) 45505

19-nor-testosterone phenyl propionate ther. of breast cancer 2363

19-nor-testosterone phenyl propionate ther. of infantile dystrophy (It) 25570

19-nortestosterone propionate, admin. in rectal suppositories, metab. & virilizing eff., in rats (It) 8578

19-nortestosterone propionate & 4-chlorotestosterone acetate, ther. of various dis. in aged, results (It) 27617

19-nortestosterone propionate in ther. of pulm. & peritoneal neoplasms, Hodgkin's dis., & various lung dis., results (It) 31665

19-nortestosterone propionate, ther. of pediatric dis. (It) 8577

19-nortestosterone propionate, ther. use & anabolic eff. in various cond. (It) 27356

17α-propylestrane-17β-ol-3-one, eff. on cardiovasc. reactivity to arterenol in exper. hypertensive rats 47730

17α-propyl-estrane-17β-ol-3-one, eff. on pressor action of desoxycorticosterone in rat 41038

testosterone enanthate, eff. on blood proteins in gastrectomized patients (It) 39528

testosterone glycinate, biol. eff. on adrenalectomized & on intact hamsters 49263

testosterone propionate & progesterone in propylene glycol, ther. of stress incontinence in women, admin., vesical instillation (It) 21487

testosterone propionate aqueous solutions for inject. with tween substances (Ger) 47683

testosterone propionate, comparison with 17α-ethyl-4(5)-estren-17β-ol-3-one in adult & immature rats (Fr) 35139

testosterone propionate, ther. of diabetic retinopathy, review (Ger) 28013

testosterone propionate, ther. of female climacteric compl. (Rus) 46817

***therapeutic use***

defective spermatogenesis 51340

frigidity, with psychother. (Dan) 45498

funct. uterine hemorrh. (Ger) 23224

hypertension, with calcium & estradiol 211

kraurosis & leukoplakia of vulva, topical admin. 12390

menopausal flushes & sweating (Dan) 45499

nephrosis in child, with adrenal cortex hormones & thiosemicarbazone, case with humoral regression 21140

nephrotic synd., with ACTH & cortisone (Fr) 39912

prostate hypertrophy, diethylstilbesterol-testosterone propionate prep. 33108

## TETANUS

10091

epidemiol. & prev. (Rus) 55788

55841

operative tetanus & surg. tetanus (Sp) 8161

pathol. & prev. 14064

toxin, eff. of sublethal repeated admin. on animals (Rus) 37176

toxin, eff. on inhib. of spinal motor neurons by various impulses 51112

toxin, indust. prod. of high-titer toxin, method (It) 37300

toxin receptor in nervous tissue, determ. 52352

toxin vacc. with simultaneous brucellosis vacc. (Rus) 55773

***case reports***

appearance of fatal tetanus 7 days after cesarean section, in patient with prior inj. of knee (Fr) 26236

chronic intermittent develop. at a hemiplegic site (Fr) 14389

kopf-tetanus in chronic suppurative otitis media (Sp) 23910

***epidemiology***

in Poland (Pol) 31532

in two world wars 53549

***etiology and pathogenesis***

burns, ther., adjuvant artif. hibernation in classical ther., recovery (Fr) 10668

criminal abortion (Ger) 3754

indust. accid. in tropical climate 16339

infect. from marine sponge used in fenestration, case report 17630

operating room contamination 53550

periodontal dis., case report (Por) 13596

***experimental***

anti-tetanus activity of CNS depressants 14136

assay of mephenesin & thiopental for anti-tetanus potency on local tetanus in rabbits, application of method to new drugs 14137

eff. of mephenesin on local tetanus in rabbits 23988

eff. of musc. relaxants, intramusc. admin., in animals (Rus) 45858

in rats (Ger) 29035

***immunology***

anatoxin in blood after subcutaneous & intramusc. vacc. (Rus) 34668

anatoxin, prep. of highly purified anatoxin by chromatography on calcium phosphate (Fr) 47411

anatoxin, standard. (Pol) 29504

antibody in blood after revaccination in rabbits (Rus) 11491

antitetanus serum in prev. & ther. 53501

antitetanus serum inject. causing sudden death, case report (Fr) 36096

antitoxin; determ. by hemagglut. test, comparison with in vivo tests 17603

antitoxin, eff. of intramedullary inject. in highly contaminated exper. fract. in monkeys (Ger) 46002

antitoxin, purification & properties 13395

combined active-passive prophylaxis, in humans, comparison with active & passive immun. 35073

combined diphtheria & tetanus vacc., review (Fr) 9179

cytol. reactions to anatoxin in rabbits (Rus) 48014

enteric-tetanus polyvaccine (Rus) 55761

55762

55763

immune serum A, antitoxic & precipitating antibodies (Rus) 33559

passive immun., hazards (Ger) 22754

polyvaccines, detoxication & adjuvants (Ger) 34081

simultaneous prophylaxis in guinea pigs & mice (Ger) 22886

tetanus-dysentery-typhoid polyvaccines (Ger) 34082

tetanus-dysentery-typhoid vaccine prep., testing & immunogenic value (Hun) 28158

toxoid, comparative quantitative estimation by different methods 40068

toxoid immun., report of Committee of the Academy of Medicine, London & Ontario 2626

***in infant and child***

neonatorum (Por) 28093

neonatorum, hosp. statist. (Fr) 42004

neonatorum, prev. & ther. (Ger) 34105

neonatorum, ther., decamethonium & positive-pressure ventilation 38849

umbilical, chlorpromazine ther. (Dut) 43060



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

*metabolism*
tissue metab. in dog (Pol) 20184
*physiology*
ECG findings in exper. & human tetanus (It) 8054
*prevention and control*
active immun. in Ghana 33144
antitetanus serum, dosage 4190
antitetanus serum inject., causing multiple aneurysms of large arteries (Ger) 42348
antitetanus serum polyradiculitis, ther., cortisone 2197
antitoxin causing coronary circ. disord. (Ger) 23101
antitoxin, follow-up (Den) 22432
antitoxin inject. causing serum sickness 42054
current status, review (Ger) 22930
diphtheria-tetanus-whooping cough vacc. in young inf. (Sp) 16117
in India, preliminary trial of new method 40656
in Israel (Heb) 39787
revacc. with adsorbed & native anatoxins, comparison (Rus) 55778
review (Ger) 29124
vacc. causing horse serum neuropathy 37817
vacc., prev. of serum reactions 49653
vacc., review (Fr) 9173
*therapy*
47282
(Ger) 51803
(Sp) 4070
amobarbital, intravenous admin. 41151
chlorpromazine & barbiturates 53503
chlorpromazine in heifer 16776
curare & artif. hibernation (Ger) 52265
curare, hist. study (Ger) 45987
curare with artif. resp. by electrorespirator (Hun) 7690
current status (Ger) 52266
52267
drug ther. 53502
during last 50 years 11643
glyceryl-guaiacolate assoc. with specific serum ther. in severe cases (It) 27462
management of a very severe case (Pol) 8063
mangement, recent evaluation 4497
mephenesin, review of cases 23537
meprobamate 40926
musc. relaxants (Ser) 51719
musc., relaxants with intermittent pressure resp. in severe cases 53504
musc. relaxants in aged (Ger) 55369
research 26117
role of anesthesiologist in management of severe systemic tetanus 37956

TETANY
*blood in*
hypocalcemia as primary disord. in tetany of cattle, review 28187
*case reports*
clin. & laboratory comparison with cases of autonomic dystonia with tetanoid manifest. (Ger) 42262
with cyclic edema, intermittent hyperaldosteronism & severe hypokalemia in neurotic woman (Fr) 2485
with spasm of Oddi's sphincter, disappearance of the spasm with improvement of tetany (Fr) 37931
*complications*
nail dis., relation to hypothalamus (Ger) 34450
*diagnosis*
electromyography in detection of neuromusc. hyperexcitability (It) 36739
*etiology and pathogenesis*
cretinism, endemic, embryopathol. aspects (Sp) 21152
differ. etiol. (Fr) 9006
multiple sclerosis, case report (Fr) 9143
postop., causes (Ger) 390
relation to parathyroid gland dis. (Ger) 3295
stenosis of D2 & D3 portions of duodenum, with osteomalacia (Fr) 45017
*experimental*
caused by acid-citrate-dextrose solution used as anticoagulant in blood transfusion 13847
*in infant and child*
caused by parathyroid hemorrh. (It) 42778
EEG of convulsions in tetany in child. under 3 (Fr) 54078
hypocalcemic tetany in newborn developing within 36 hours of birth 36531
in newborn, incidence in newborn of diabetic mothers 7846
*manifestations*
ECG in hyperventilation tetany 568
EEG in hypocalcemic tetany (Cz) 38285
*physiology*
myotonic component revealed electromyographically in two cases, interpretation (It) 1981
role of calcium ions in prev. of tetany 31589
*therapy*
(Ger) 19052

*TETRACAINE see* ANESTHETICS, LOCAL

TETRACHLOROETHYLENE
*administration*
aqueous emulsion with polyoxyethylenesorbitan without purgative eff., ther. of uncinariasis (Sp) 21229
*in urine*
determ., Fujiwara reaction (Ger) 36504

TETRACYCLINE
enhancement factors 19936
pharmacol. (Rus) 39338
phys., chem. & pharmacol. study (Fr) 32954
tetracycline-resist. group A, type 12 streptoc. causing pharyngitis in child. 23512
ther. use & side-eff. in child., comparison with oxytetracycline (Sp) 9674
*administration*
with oleandomycin (Ger) 11056
with chloramphenicol (Sp) 15518
18855
with oleandomycin, clin. evaluation in various diseases (Ger) 42260
*effects*
broad spectrum tetracyclines on intestinal colonization of orally administered tetracycline-resist. E. coli (Ger) 46242
deposition in bone, bacteriostatic eff. in rabbits 54737
eff. of continuous admin. of diets containing tetracyclines & penicillin on number of drug-resistant & drug-sensitive Clostridium perfringes in feces of pigs & chickens 51020
on bact. in combination with oleandomycin in vitro 32216
on Brucella, alone & with ecmoline (Rus) 36410
on exper. infect., with colimycin (It) 52044
on exper. intestinal obstruct., intramusc. & intravenous admin. in dogs (It) 9423
on exper. intestinal obstruct., intravenous & intramusc. admin. (It) 21455
on exper. moniliasis albicans, with colimycin, Seligmann's phenomenon (It) 52042
52043
on exper. Pseudomonas aeruginosa infect., with polymyxin (Rus) 36403
on exper. tumors (Rus) 36381
on fluorescence of tumor tissue under ultraviolet light in mice 943
on leukocyte osmotic resist. in rats, admin. with aspecific immunostimulating substances (It) 1933
on Micrococcus pyogenes, sensitivity, comparison with chloramphenicol 16402
on Neisseria gonorrhoeae strains isolated in 1944 & 1957 48250
on resist. strains of Lactobacillus & Bacillus subtilis implanted in dog intestine by oral admin., persistence of tetracycline resist. (It) 31727
*in blood*
eff. of edathamil & vitamin C 41037
enhancement of levels by glucosamine HCl adjuvant 31349
*metabolism*
absorp. after oral admin. in humans, influence of solubility rate & pellet size 50253
*preparation of*
sub-surface fermentation of Streptomyces aureofaciens (Pol) 29498
*related compounds*
polarographic behavior of tetracycline & its degradation products (Ger) 43602
N-pyrrolidonomethyl-tetracycline, clin. evaluation (Ger) 12074
N-pyrrolidinomethyl-tetracycline, concentration in bile ducts after intravenous & intramusc. inject. (Ger) 18960
N-pyrrolidinomethyl-tetracycline, eff. on brucellosis melitensis in rabbits (Ger) 12069
N-pyrrolidinomethyltetracycline, eff. on intestinal flora after intravenous & intramusc. admin. (Ger) 13641
N-pyrrolidonomethyl-tetracycline intravenous admin. (Ger) 38420
N-pyrrolidinomethyl tetracycline, ther. of various dis. (Ger) 6699
*therapeutic use*
bact. infect., with oleandomycin (Sp) 39104
bronchitis, reduction of acute recur. 18394
bronchopneumonia in child., eff. of citrate supplement on resorption (Ger) 39074
brucellosis, combined with oleandomycin (Sp) 39134
brucellosis, Wright & Coombe test results (It) 9279
clin. comparison with demethylchlortetracycline & chlortetracycline 47616
gyn. & urinary infect., appendicitis & mumps, with chloramphenicol (Sp) 9728
gyn. dis., with prednisone & prednisolone (Ger) 15981
in aged, tetracycline phosphate complex 1274
in facial & oral surg., with oleandomycin (Ger) 19030
in surg. & orthopedic surg., intramusc. admin. (Ger) 8713
in surg., with oleandomycin (Ger) 11424
infect. & dyspepsia, with chloramphenicol (It) 5338
infect. dis., value of adjuvant vitamin B complex (It) 39507
infect. dis., with meth-dia-mer-sulfonamides & vitamin C review (Fr) 17658
infect. in child., with chloramphenicol (Sp) 9684
infect. in child., with oleandomycin (Sp) 29384
infect. in emergency abdom. & gastrointestinal surg., prev., tetracycline-nystatin prep. potentiated by glucosamine 50756
infect. of soft tissue in child., with novobiocin 25129
infect., tetracycline phosphate & citric acid complex (Ger) 22748
infect., with chloramphenicol (Sp) 3343
6598
6602
influenza, comparison with acetylsalicylic acid & vitamin P with vitamin C 1283
laryngeal papilloma in child. (Pol) 30325
lichen planus (Hun) 48073
lung dis., nystatin-tetracycline prep. 25126
micrococcal infect., postop. local admin. in thoracic surg. (Ger) 33058
molluscum contagiosum, compl., unusual inflamm. exacerbation, case report (Fr) 37897
mycosis fungoides, with oleandomycin (Ger) 3207
neuraxitis, herpes zoster & influenzal encephalitis with chloramphenicol (Sp) 15481
NS infect., with chloramphenicol (Sp) 21790
pediatric dis., with novobiocin (Sp) 32449
pediatric dis., with oleandomycin (Ger) 21617
pediatric infect., with vitamins (It) 42799
pelvic infect. 30226
peritonitis, clin. & exper. research on tolerance & effectiveness (Ger) 46029
prev. of compl. after pneumonectomy, postop. admin. with oleandomycin (Sp) 6615
puerperal infect., with oleandomycin (Sp) 6610
puerperal mastitis, tetracycline & its phosphate & pyrrolidinomethyl complexes (Ger) 23188
pyelonephritis, tetracycline-sodium hexametaphosphate with 3-sulfanilamido-6-metoxypyridazine (Ger) 34372
pyoderma, with oleandomycin (Ger) 46136
resp. infect. in child., with oleandomycin (Sp) 4841
resp. infect. in child., with vitamins 25128
significance of resorption-promoting substances for tetracycline ther. (Ger) 18995
skin dis., alone & combined with oleandomycin, comparison (Fr) 37875
skin dis., with oleandomycin (Sp) 51604
trichomonal vaginitis, with nystatin (Por) 47296
tuberc., pulm., combined with oleandomycin, eff. on sputum secretion (Fin) 27296
typhus, comparison of various drugs of tetracycline series (Rus) 32899
urinary infect. with phenyl-diamino-pyridine & sulfamethizole (It) 36984
urinary tract infect., evaluation alone & with nystatin 1276
urination disord., postop. in surg. of female genital prolapse (Sp) 39091
urogenital infect., with chloramphenicol (Sp) 27225
viral meningoencephalitis, with cortisone & phenylbutazone (It) 44331
whooping cough (Rus) 36367

*TETRAETHYL PYROPHOSPHATE see* PYROPHOSPHATES

TETRAETHYLAMMONIUM
*effects*
defibrillatory eff. on exper. ventric. fibrill. in dogs, influence of hypothermia 32354
on blood pressure, influence of atropine & pentobarbital on responses 750
on nerve-musc. prep. previously treated with isofluorphate 24068
on neuromusc. block by succinylcholine in exper. animals 23535
on vitamin B1 metab. in peptic ulcer (Rus) 33359
restoring eff. on curare-blocked nerve-musc. prep. 23989
tetraethylammonium iodide & its monochlor deriv. on N-cholinoreactive system in skeletal musc. in cats (Rus) 33184
tetraethylammonium iodide on reflective regulation of gastrointestinal tract in dogs (Rus) 33172
*therapeutic use*
peripheral vasc. dis., alone & with chlorpromazine & reserpine (Pol) 30842
tetraethylammonium iodide in peptic ulcer (Rus) 33174

*TETRAETHYLTHIURAM DISULFIDE see* DISULFIRAM

*TETRAHYMENA see* CILIATA

TETRALOGY OF FALLOT
(Sp) 51435

***blood in***
relation between hemoglobin content of blood & anoxia, comparison with pulm. emphysema (Por) 53840

***complications***
cyanotic, with brain abscess in 8-year-old girl, case report (Por) 16489
patent ductus arteriosus, clin. manifest. & diag. (Rus) 20271

***diagnosis***
angiocardiography (Por) 44473

***physiology***
dynamocardiographic study (Rus) 3407
ECG (Sp) 36839
hemodynamics, eff. of arterenol (Ger) 11250

***surgery***
aortopulm. shunt with arterial homografts (Ger) 49067
Blalock operation, results (Ger) 22197
Blalock or Potts technic 25683
Blalock-Taussig technic, case report (Sp) 43878
late results 14289
long-term follow-up of cases 14323
methods & results 35632
open repair 51158
postop. hemodynamic compl. 2902

***TETRAZOLES see*** AZOLES

**TETRAZOLIUM SALTS**
pp'-diphenyl-bis-2-(3,5-diphenyl) tetrazolium chloride reduction by menadione 52372
light reactions, findings based on new literature (Ger) 7979
med. uses, properties & metab. actions (Ger) 27499
tetrazolium salt-reducing adrenal cortex hormones in human urine, determ. 46592
2,3,5-triphenyltetrazolium chloride agar as medium for determ. of E. coli in water (Ger) 25223
2,3,5-triphenyltetrazolium chloride culture media, failures in prep., causes & prev. (Ger) 25238
2,3,5-triphenyltetrazolium salt in bact. counting with cast-plate procedure (Ger) 47653

***effects***
on metab. of ascites carcinoma cells, eff. of sulfhydryl compounds (Ger) 18340
2,3,5-triphenyltetrazolium chloride reduction products on metab. of mouse ascites carcinoma cells (Ger)

***metabolism***
reduction rate, comparison with rate of oxygen consumption by various human tissues 512
triphenyltetrazolium chloride, eff. of light on chem. & enzymatic reduction (Ger) 7978
2,3,5-triphenyltetrazolium chloride reduction by microorganisms of various family strains (Ger) 55502
2,3,5 triphenyltetrazolium chloride reduction by M. tuberc. (Ger) 34061

**THALAMIC SYNDROME**
***manifestations***
body image disord. 9472

**THALAMUS**
***see also*** **HYPOTHALAMUS**
chemopallidothalamectomy in dystonia musculorum deformans 34891
chemopallidothalamectomy in dystonia musculorum deformans & other involuntary movement disord. of child. 26649
chemothalamectomy in paralysis agitans & involuntary movements of child., exhibit 8129
chemothalamectomy for paralysis agitans & dystonia, technic 53534

***anatomy and histology***
massa intermedia of thalamus opticus (Ger) 38383
medio-dorsal supranucleus & lamella dorsalis, finer structures (Ger) 28381
synapses in corpus geniculatum laterale (Rus) 48047

***diseases***
causing personality changes, comparison with eff. of various cortical lesions 27035

***effect of drugs on***
vitamin B complex in active & free rabbit (Fr) 26770

***pathology***
degen. of caudal medial geniculate body following cortical lesion ventral to auditory area II in cat 40732
thalamic nuclei following cortical inj., histopathol. 45382

***physiology***
correlation of medial thalamic nuclear activity with cortical & subcortical neuronal arcs, exper. in monkeys 38308
cortical response to electrostimulation of lateral geniculate radiations in cat with implanted electrodes 44968 50945
eff. on lesions on ovarian funct. in ferret 40805
funct. & structural relationship of recruiting thalamic & ascendant reticular systems (Fr) 27853
inhib. of Betz cell activity by thalamic stimulation in cat 5512
involution of supranucleus medialis-dorsalis, lamella medialis & lamella interna, eff. of aging (Ger) 28382
lateral geniculate nucleus, electrical response of various laminae in monkey 50484
progressive non-conformism in lateral geniculate nucleus of man, problem in competence 41878
relation to cerebral cortex based on induced slow potential changes in cat 5520
responses of cells of nucleus centrum medianum to natural or electrical stimulation in cats (Fr) 48047
specific & non-specific interaction with cerebral cortex (Fr) 35241
suppression of acoustic input by thalamic stimulation 44149
ultra-slow rhythmic oscillation of thalamic nuclear potential (Rus) 37194

***surgery***
in paralysis agitans & other tremors, indic. (Sp) 1798
mesencephalotomy alone or with mesencephalothalamotomy in herpetic trigeminal neuralgia 55753
thalamectomy in paralysis agitans, eff. on vocational status 13491

***THALASSEMIA see*** **ANEMIA, ERYTHROBLASTIC**

**THALASSOTHERAPY**
***see also*** **TRAVEL**
eff. on growth of child. (It) 20220

***in various diseases***
pediatric dis. (Ger) 10288
resp. insuff. in child. (Fr) 21578

**THALLIUM**
***in urine***
eff. of edathamil calcium disodium (Fr) 36089

***poisoning***
30128
anatomopathol. eff. on dogs, guinea pigs & rats (Fr) 36088
case reports (Fr) 36091
clin. aspects of acute cases (Ger) 42258
diag. & ther. in child. 43501
failure of ther. with edathamil calcium disodium (Fr) 984
indust. 40107
review (Fr) 982
slow pois. causing atrophy, cysts & basocellular epithelioma of female genitalia in mice (Fr) 38724
subacute, distribution & localization in rabbits & guinea pigs (Fr) 983
subacute, in child., manifest. & ther. (Fr) 25493
thallium chloride pois., case reports (Fr) 36090

**THECA CELL TUMORS**
(It) 13107 21442
develop. & progn. (Sp) 9720
ovaries, diag. & case reports (It) 42566
theca-granulosal tumors, origin & structure 5563

***case reports***
(Rus) 12120
feminizing, of ovaries (It) 13107
folliculo-thecoma of uterus & ovary inducing growth of corpus luteum (Fr) 26215
ovarian (Dut) 29991
ovaries, pathol. & histogenesis 39753
thecoma with endometrial adenocarcinoma (It) 44333

***complications***
postmenopausal menorrhagia in estrogen-secreting ovarian tumors, relation to benign endometrial mitosis 12399
recur. glandular cystic hyperplasia of uterine mucosa (Ger) 6710

***pathology***
histopathol. (Rus) 46826
ovarian theca-cell morphol. changes (Rus) 33588

**THEMATIC APPERCEPTION TEST**
Columbus test in child., presuppositions 15819
eff. of different motivating instructions on emotional tone & outcome of TAT stories 17192
in puberty (Ger) 34195
Jungian approach to interpretation 35402
nonprojective determinants of perception on TAT 17141
relation of stimulus ambiguity to productivity of themes 17182
relation of transcendence score, to number of emotional words 41354

**THEOBROMINE**
***related compounds***
polymethylene bis-ethyl-theobromine, quaternary ammonium salts, tox. & curarizing properties (Fr) 26746
quaternary ammonium salts of theobromine, tox. & musc. relaxing properties (Fr) 32953

***therapeutic use***
hypertension, with digitoxin & Rauwolfia alkaloids (Ger) 29471
theobromine sodium salicylate-digitoxin-Rauwolfia alkaloid prep. in hypertension (Ger) 45400

**THEOPHYLLINE**
***see also*** **AMINOPHYLLINE**

***administration***
parenteral admin., indic. (Ger) 53319

***effects***
on ECG, with simultaneous admin. of potassium in rat (It) 25593
on valve opening time in mitral stenosis (Ger) 12073
theophylline-mersalyl on connective tissue 23995

***related compounds***
2-amino-2-methyl-1-propanol-8-bromotheophyllinate ther. of pre-eclampsia 24505
8-chlorotheophylline-caffeine-α-(p-chlorophenyl)-α-methyl-benzoyl-N,N-dimethylethyl-amine prep. in ther. of x-ray pois. (Ger) 39084
8-chlorotheophylline-α-(p-chlorophenyl)-α-methyl-benzoyl-N,N-dimethylethylamine-caffeine prep. in control of postop. vomiting (Ger) 23195
choline theophyllinate ther. of dyspnoea 5157
eff. on cerebral blood flow (Ger) 13637
hydroxyethyltheophylline-theophylline-ephedrine prep., eff. on vasomotor tone of cerebral blood vessels (Ger) 3259
7-(2-hydroxyethyl)theophylline, ther. of cerebrovasc. disord., with theophylline ephedrine (Ger) 55409
7-(3-hydroxypropyl)theophylline convallatoxin prep. in ther. of congestive heart failure (Ger) 52275
hyphylline ther. of heart dis., with oxopulmin (It) 39503
3-methylhydroxyethylamino-2-hydroxypropyl-theophylline nicotinate, ther. of cardiovasc. dis. in diabetics (Ger) 52249

***therapeutic use***
asthma, comparison of oral admin. in alcohol-water medium or in plain water medium 50127
asthma, with procaine & posterior pituitary hormone (Ger) 29439
theophylline-ephedrine-phenobarbital prep. in asthma (Ger) 32973
theophylline-papaverine-barbiturate prep. in posttraum. brain decompensation (Ger) 52220

**THERAPEUTICS**
***see also*** **CHEMOTHERAPY**
***see also*** **PHYSICAL THERAPY**
***see also*** **PSYCHOTHERAPY**
***see also*** **RADIOTHERAPY**
***see also*** **SEROTHERAPY**
***see also*** **THALASSOTHERAPY**
***see also*** **TISSUE THERAPY**
current responsibility of the therapeutist (Fr) 33405
faith & healing 40653
heroic approach in 19th century therapeutics 45565
integration of religious & med. concepts in patient treatment 5225
neural ther. of polio. & multiple sclerosis (Ger) 4058
non-specific stimulation ther. (Ser) 51682
pathol. eff. of modern ther. (Ger) 49140
pathomorphol. eff. of modern ther., review (Ger) 49138
pathomorphol. & pathophysiol. eff. of modern ther., review (Ger) 49139
progr. (Fr) 54148
relation to pathol. (Ger) 32955
review 20560
sequential clin. trials, statist. 4839 12654
ther. humidification by nebulization, indic. & technic 15536

***history***
in Russia 21029
in 17th century 6448

**THERMOMETERS**
combined thermistor thermometer & direct-reading isotonicity meter 16717
disinfect. of oral thermometers 25154

***THIAMINASE see*** **ENZYMES**

***THIAMINE see*** **VITAMIN $B_1$**

***THIAMINE PYROPHOSPHATE see*** **COCARBOXYLASE**

***THIAMINPYROPHOSPHATASE see*** **PHOSPHATASES**

**THIAZOLES**
***see also*** **SULFATHIAZOLE**
2-aryl-3-isonicotinamido-4-thiazolidones, synthesis & antibact. activity (It) 39316

***determination***
2,2-dimethyl-4-thiazolidinecarboxylic acid hydrolysis, study by infrared spectrophotometry 32350
1,3-thiazane-4-carboxylic acid (Ger) 49921

***effects***
2-acetylamino-5-nitrothiazole on Trichomonas in vitro & pharmacol. in mice & dogs (Fr) 32938
bis-benzothiazole deriv., screening anthelmintic activity 16328
1,2-bis[5-β-chloroethyl-4-methyl thiazol-3-yl-sulfo]ethane, liver tolerance (It) 39509
rhodanine deriv. on M. tuberc. in vitro (Fr) 36200

***metabolism***
thiazolidinecarboxylic acid replacement of exogenous cystine & cysteine 50969

***preparation of***
N-substituted deriv. of 2-amino-2-thiazoline by conversion of 1-substituted thiocarbamyl-ethylene-imines (Ger) 13369
sulfonamide & sulfone deriv. of 1,3,4-thiadiazoles & Δ2-1,3,4-thiadiazolines by chlorination of thioethers (It) 27434
1-(1,3,4-thiadiazol-2-yl)-2-pyrazolin-5-one & tetrazolo(4,5-a)-1,3,4-thiadiazole 14911
thiazolo-(5,4-d)-pyrimidines & related cpds. 14899 14900 14901 14902 14903 14904

*therapeutic use*

3-acetylamino-5-nitrothiazole in trichomonas vaginitis (Fr) 3136

3-acetylamino-5-nitrothiazole in Trichomonas vaginitis (Ger) 15330

3-acetylamino-5-nitrothiazole in vaginal trichomoniasis (Por) 33747

1,2-bis-[(5-β-chloroethyl-4-methyl)thiazol-3-yl-sulfo] ethane as sedative in emergency psychiatric ther. (Fr) 47461

1,2-bis[(5-β-chloroethyl-4-methyl) thiazol-3-yl-sulfo] ethane in epilepsy, ECG aspects (Fr) 31962

1,2-bis-[(5-β-chloroethyl-4-methyl)thiazole-3-yl-sulfo] ethane in intravenous anesth. 14046

5-(β-chloroethyl)-4-methyl-m-thiazole in delirium tremens, sedative eff. (Fr) 37921

2,4-diamino-5-phenylthiazole with morphine in pain from accid. inj. (Ger) 35952

## THIGH

*blood supply*

blood temperature in vessels before & after knee warming by diathermy in dogs (Cz) 21571

spontaneous vasc. rupt. in child. with cholelithiasis & hypothyroidism (Fr) 1452

*diseases*

pseudarthrosis, surg., double coaptation technic (Fr) 6306

*muscles and tendons*

adductor paralysis, correction by hamstring transposition 4799

gracilis cruralis transpl. in surg. of neurogenic anorectal incontinence in child. (It) 9300

prolonged quadriceps insuff., modified progressive resist. exercise 43620

*neoplasms*

fibrosarcoma, surg., hemipelvectomy 1216

hemangiopericytoma, case report (Fr) 9230

malignant, of soft tissues, clin. & angiographic aspects 23696

papillary syringocystadenoma, case report (Sp) 344

*surgery*

eff. of surg. metal implants on temperature distribution in thigh specimens exposed to ultrasound 25515

quadriceps femoris graft in paralysis due to polio. (It) 25618

## THINKING

abstract thinking disord. 16759

abstract thinking, eff. of lysergic acid diethylamide 11653

abstraction as regressive defense in highly gifted individuals 16760

abstraction, cortical satiation in 46971

abstraction, relation to reality & communication of information 28195

abstraction, relation to synthesis & symbols 28196

attentive thinking, eff. on subcortical visual responses (Fr) 54090

brain physiol. in creative processes 9616

cognition without awareness, subliminal eff. upon conscious thought 16487

concentration of attention, determ. by square test in lysergic acid diethylamide-induced psychosis (Cz) 14867

concept form., eff. of anxiety & ego involvement 5045

concept form., eff. of emotionality 17340

concept form., incidental learning in 780

concept-formation in attitude acquisition, review 31558

conceptual behavior of schizophrenic & brain-damaged patients, multivariable analysis 50101

critical thinking in medicine & med. sciences 53067

decision-making behavior in 2-choice uncertain outcome situation 50548

decision-making, psychol. factors 2573

eff. of aging on critical thinking ability 40884

eff. of hypophysectomy on intellectual functioning 17740

eff. of mescaline, adrenochrome & adrenolutin & epinephrine, comparison with symptoms of schizophrenia 48483

eff. of mescaline on ment. activity of normal subject 48386

individual, majority & group judgment, comparison 50097

judgments of controversial statements, eff. of attitude & experience 50098

monopolarity of logical reasoning in obsessive neuroses, with bipolarity of feelings, comparison with normal persons (Pol) 30067

nutritional requirements for preponderant ment. activity (Ger) 15324

opinions & communication of related content, sociol. factors 50106

problem-solving, eff. of success series (Ger) 46185

problem-solving, facilitation by prior exposure to uncommon responses 28333

relation to perception & brain 15574

research on creative thinking, set theory models 40862

time for solution of anagrams, eff. of letter order & word frequency 17270

## THINNESS

*etiology and pathogenesis*

emaciation with deglutition disord., differ. diag., clin. pathol. conf. (Dut) 52485

*in aged*

anabolic eff. of 17α-ethyl-4(5)-estren-17β-ol-3-one in elderly underweight males 26145

*psychology*

psychol. factors in emaciation of puberal female (Ger) 22744

psychol. of various types of thinness (Sp) 38531

*therapy*

cortisone (Sp) 53954

17α-ethyl-4(5)-estren-17β-ol-one weight 46952

17α-ethyl-4(5)-estren-17β-one, eff. on liver funct. 46953

## THIOBACILLUS

*metabolism*

chemosynthesis in Thiobacillus ferrooxidans (Rus) 51929

glyceric acid phosphate form. in Thiobacillus thiooxidans through carbon dioxide fixation 1384

sulfur in Thiobacillus thioparus 19577

thiocyanate utilization by Thiobacillus thioparus & Thiobacillus thiocyanoxidans 7142

thiosulfate oxidation, relation to cytochrome components 13828

## THIOCARBAMATES

phenyl thiocarbamide taste sensitivity in Norwegians, genetic study 23720

sodium dialkyldiathiocarbamates & copper complexes, fungitoxic eff. 28831

1-substituted thiocarbamyl-ethylene-imines, synthesis & conversion into N-substituted deriv. of 2-amino-2-thiazoline (Ger) 13369

*THIOCTIC ACID see* VITAMINS

## THIOCYANATES

mercury thiocyanate method in determ. of chlorides in water (Ger) 29781

*effects*

benzyl thiocyanate stimulation of chlortetracycline prod. by Streptomyces strains 28408

chrysoidine monothiocyanate on pulm. tuberc. in guinea pigs (Ger) 25800

α-naphthyl isothiocyanate induction of biliary cirrhosis free from biliary obstruct. in rats, histopathol. 5689

sodium thiocyanate on isolates of presumptive ectoderm & mediodorsal marginal zone of Triturus gastrulas 4985

*metabolism*

dietary vegetable & other food origin of urinary thiocyanates in man & animals, possible role of thiocyanate content in goitrogenic eff. of foods (Ger) 27906

dietary vegetables & other foods, possible role of thiocyanate content in goitrogenic eff. of foods (Ger) 27905

eye, anterior & posterior chamber penetration 14111

Thiobacillus thioparus & Thiobacillus thiocyanoxidans 7142

*preparation of*

isothiocyanates of fluorescein & rhodamine B as labeling agents for immune serums 12468

thiocyanate deriv. of biphenyl (It) 48097

## THIOMALATES

mercaptosuccinic acid, antidotal eff. in exper. mercury pois. (Rus) 33189

*THIOMERIN see* DIURETICS, MERCURIAL

## THIONEINE

*determination*

detection in king crab (Ger) 49903

*in blood*

determ., new method 37071

*metabolism*

review (Pol) 30886

## THIOPENTAL

manufactured in 1935 & 1957 47311

*administration*

accid. intra-arterial admin. on back of hand, case reports 2039

rectal, multidose suppositories or suspension in abbosert in child. 47315

*anesthesia and analgesia*

comparison of hypnosis produced with that of methitural 963

eff. of 4,4-ethylmethylglutarimide in dogs 37535

eff. on coenzyme A content of liver, myocardium & musc. in dogs (It) 13959

eff. of glucose on duration & depth (Cz) 38235

eff. of thyroid content of thyroxinic iodine, in dogs (It) 36809

in esophagoscopy with adjuvant musc. relaxants (Rus) 45736

methamphetamine adjuvant 9802

potency in out-patient anesth., comparison with 5-ally-5-isobutyl-2 thiobarbituric acid 2030

potentiation by phenothiazine deriv. (Cz) 38234

thiopental-curare in vaginal deliveries & cesarean sections 52143

*antagonists*

cropropamide-crotethamide prep. & 4,4-ethylmethylglutarimide, clin. & exper. evaluation (It) 51957

*effects*

anti-tetanus activity, assay for potency on exper. local tetanus in rabbit, application of method to new drugs 14137

modification of oxygen consumption of brain tissue in vitro, eff. of cocarboxylase (It) 1883

on blood carbonic anhydrase activity after induction (It) 51958

on QT interval in ECG, comparison with 5-allyl-5-isobutyl-2-thiobarbituric acid 2028

*in blood*

determ. by ultraviolet spectroscopy 32468

*therapeutic use*

adjuvant in electroshock ther., eff. on reduction of fract. 3388

delirium tremens prev. & ther., intramusc. admin. (Fr) 47320

eclampsia 18774

resuscitation of inf. by intravenous thiopental with hyperventilation (Fr) 8248

## THIOPHENES

3-thienyl-β-dialkylaminoethyl ketones & related cpds. 40365

## THIOSEMICARBAZONES

*see also* TUBERCULOSIS, *therapy*

benzoquinoneguanylhydrazone thiosemicarbazone as saliva concentration test (Ger) 6715

*effects*

benzalacetonethiosemicarbazone inhib. of tobacco mosaic virus sequence of inclusion form. 45834

glyoxal bis(thiosemicarbazone) & deriv., carcinostatic action 38084

mechanism of action (Ger) 32306

13-thiosemicarbazone deriv., on M. tuberc. bovis in vitro (Por) 8778

*therapeutic use*

nephrosis in child, with adrenal cortex hormones & testosterone, case with humoral regression (Sp) 21140

TB1 in leprosy, with 4-4'-diaminodiphenyl sulfone & chaulmoogra oil, weekly inject. (Fr) 6370

TB1 in nephrotic synd. in child (Cz) 38317

## THIOSULFATES

reaction with cysteine 19570

*effects*

sodium thiosulfate alone & with sodium citrate, protective eff. against exper. mustard gas pois. in rats 48226

sodium thiosulfate, on erythrocyte aggregation in vitro & in vivo (It) 3670

*metabolism*

clearance during fall of blood content in kidney funct. tests (It) 1874

clearance in kidney funct. tests (It) 1875

extracellular thiosulfate space, clin. value of determ. in water-electrolyte disord. (Pol) 30784

sodium thiosulfate clearance in kidney funct. tests (Pol) 32171

sodium thiosulfate extrarenal clearance, importance of oxidation of thiosulfate in (It) 7738

Thiobacillus, relation of oxidation to cytochrome components 13820

utilization by Neurospora crassa strains, inhib. by sulfate 1366

*therapeutic use*

bis-(dodecyl-trimethylammonium)-polythiosulfate in refractory alopecia seborrhoeica 42155

hyperazotemia, sodium thiosulfate with glucuronic acid & magnesium (It) 26635

sodium thiosulfate in liver & kidney dis. (Sp) 20620

sodium thiosulfate in prev. of thromboembolism, precip. admin. (Ger) 11449

## THIOURACIL

*effects*

depression of thyroid iodine metab. in mice 49269

inhib. of influenza virus synthesis 22591

on blood calcium, liver composition & oviduct hypertrophy in immature pullets after estradiol admin. 14605

on calcium salt content in endolymph of toad larvae (It) 1090

on degree of pubic symphysis separation in pregn. mice 15598

on iodine discharge from thyroid of sodium perchlorate-treated rats 15623

on liver regen. after partial hepatectomy in hypothyroid rats 35108

on tobacco mosaic virus, inhib. eff. & sequence of inclusion form. 45834

*related compounds*

5-hydroxymethyl-4-methyl-thiouracil, on histol. of various rat organs (Rus) 49439

methylthiouracil antithyroid activity, comparison with deriv. & esters of 2-mercaptoisobutyric acid (It) 49413

methylthiouracil, eff. on activity of amobarbital & chloral hydrate in animals after nociceptive irritation (Rus) 1752

methylthiouracil, eff. on thyroid bromides (Rus) 48042

methylthiouracil, precip. admin. in hyperthyroidism (Rus) 51219

methylthiouracil, side eff. (Rus) 54578

methylthiouracil ther. of hyperthyroidism, compl. (Ger) 51715

propylthiouracil depression of thyroid iodide metab. in mice 49269

propylthiouracil, eff. on radioiron uptake by bone marrow, blood & various organs in rats 11971

propylthiouracil, histol. eff. on anterior pituitary gland of hamsters 12940

propylthiouracil-induced goiter in guinea pigs, eff. of exper. hypothalamic lesions 49246
propylthiouracil induction of exper. goiter in rats, relation to blood protein-bound iodine levels 49257
propylthiouracil induction of goiter in rats, eff. of prednisolone (It) 44845

**THIOUREA**

***effects***
radiation protective eff., comparison with cysteine-cysteamine group of protective substances (Ger) 32665

***metabolism***
renal clearance in normal humans 51101

***related compounds***
S-(2-aminoethyl)-isothiuronium, eff. on enzymes of animal tissues 55002
4-butoxy-4'-dimethylaminothiocarbanilide, anticeroid & antisterility action in rats (Sp) 9678
4-butoxy-4'dimethylaminothiocarbanilide, vitamin E-like activity in rats (Sp) 53362
1-(p-butoxyphenyl)-3-(p-dimethylaminophenyl)-2-thiourea ther. of leprosy (Por) 39990
1-(p-butoxyphenyl)-3-(p-dimethylaminophenyl)-2-thiourea, ther. of leprosy (Fr) 2398
copper N'-(m-sodium carboxyphenyl)-N''-α-allyl-thiourea, eff. on exper. tuberc., comparison with dihydrostreptomycin & isoniazid (Ger) 23003
S-methylisothiourea sulfate, eff. on smooth musc. fibers (Fr) 26851
α-naphthylthiourea, tox. hazards 30128
noncyclic thioureides, chem. structure in relation to local anesth. activity (It) 49412
phenylthiourea, eff. on insecticide-resist. Drosophila melanogaster 42980
4-(α-pyridyl)-4'-isobutoxy-thiocarbanilide, antituberc. eff. in vitro & in vivo 12789

**THIRST**
*see also* **DEHYDRATION**
eff. of amphetamine on forced drinking in rat 50513
polydipsia caused by chronic admin. of levorphan in rats 31386
polyuro-polydipsic synd., nondiabetic, diag. by nicotine test (Fr) 18565
suppressing eff. of vasopressin in diabetes insipidus 35134

***physiology***
regulation by kidneys (Sp) 53924
regulatory mechanism, review 20019

***THOMSEN'S DISEASE see*** **MYOTONIA CONGENITA**

**THORACIC DUCT**

***fistula***
cholesterol ester absorp. in rats with lymph-fistula 12576

***physiology***
lymph flow & lymphocyte count in thoracic duct in rats, comparison with right lymphatic duct 31453
lymph flow, eff. of elevation of inferior vena cava pressure in dogs 48734
lymph flow rate & cell count in thoracic duct of mouse 31296

***surgery***
ligation in trauma. chylothorax in dogs & kitten 16773

***wounds and injuries***
in pneumonectomy in pulm. tubere. (Rus) 31186
surg., prev. with Direct Sky Blue inject. 36312

***THORACOPLASTY see*** **COLLAPSE THERAPY**

**THORAX**

***abnormalities***
asymmetrical protrusion, plastic surg. (Sp) 15477
causing resp. distress in inf. 11787
funnel chest (Dut) 52508
funnel chest, cardiac manifest. & compl. (Fr) 7051
funnel chest, clin. & x-ray aspects (It) 6871
funnel chest, cosmetic surg. (Fr) 42451
funnel chest, current status 36696
funnel chest, ECG 14034
funnel chest, etiol. & surg. (Fin) 33714
funnel chest, surg. 16637, 18134, 46527
funnel chest, surg. correction in childhood 18133
funnel chest, surg., eff. on heart funct. 24897
in Nigerians, x-ray manifest. 55355
pectus excavatum 22583
review (Pol) 43695
surg. correction of various abnorm. 29754

***abscess***
caused by brucellosis abortus (Ger) 38956

***anatomy and histology***
biometrics (Por) 42197

***cysts***
gastrogenic intrathoracic, causing spinal deformities, in 3-year-old child (It) 24936

***diseases***
actinomycosis, differ. diag. from lung cancer (Fr) 28367
active congestion caused by nonsuppurative hepatic amebiasis, case report (Fr) 17661
causing tracheal displacement, diag. (Rus) 45184
diag., biopsy technics 39438
diag., scalene lymph node biopsy 1215, 14151
diag., scalene lymph node biopsy (Ger) 37004
herpes zoster with ascending quadriplegia, fatal develop., case report (Fr) 37862
incurable dis., palliative surg. 22103
pain (Fin) 27267
pain caused by coronary dis. & other dis., differ. diag. in insurance med. 31243
pain caused by hepatic & splenic flexure synd. 27529
pain, differentiation from true angina pectoris (Fr) 10045
pain of cardiac origin, differ. diag. & pathogen., review 29270
pain, ther., camphor-benzyl benzoate-nicotinic acid-phenobarbital-salicylamide-p-aminobenzoic acid prep. (Ger) 16105
pathol. of anterior cardiophrenic angle, x-ray (It) 52061
perf. of chest wall following ulcerations caused by radiother. of breast cancer, case report (Ger) 54946
ther. in chest clinics in England, methods & statist. 22332
x-ray detection, incidence in relation to surg. findings (Fr) 28351
x-ray diag., correlation with other diag. procedures 21862
x-ray diag. in dogs 16772

***foreign bodies***
bullets & shell fragments retained in thorax, surg. (It) 190
diag. & ther., review (Ger) 27380
metal disk penetrating lungs (Hun) 18596

***in various diseases***
hypernephroma presenting as a continuous murmur in the chest 2213
lupus erythematosus, disseminated x-ray manifest. (Sp) 9740

***muscles and tendons***
internal intercostal musc., electrical activity during normal resp. & after vagotomy in guinea pigs (It) 1869
oxygen consumption of resp. musc. in lung dis. (It) 52063
pectoralis major, transposition for brachial biceps paralysis, technics 5237

***neoplasms***
cervicothoracic, x-ray dia. 47339
desmoid tumor, case report 10216
differ. diag. of tumors in right cardiophrenic angle (Pol) 20454
fibroma (Ger) 29120
hibernoma, case report 36863
Hodgkin's dis., cervicothoracic, radiother. & surg. (Fr) 51444
intrathoracic pheochromocytoma, case report 5868
lipoma, diag. difficulties (Ger) 22218
neurilemmoma causing spontaneous hypoglycemia (Ger) 6061
new growths & other swellings, surg. importance of differentiation 36310
primary (Dut) 19736
with pulm. tuberc. (Ger) 375

***radiography***
aimed x-ray in survey film (Rus) 55255
axial transverse tomography, technics & value 53736
body-section radiography 51549
changes in collagen dis. (Ger) 44302
chest x-ray cameras with catadioptric lens for 70 mm. & 100 mm. films, resolving power, comparison with standard radiographic system (It) 20943
chest x-ray serv. for GP's in Gt. Brit., possible disadvantages 26125
in nitric oxide & nitrogen di- & tetraoxide pois. in miners after subterranean mine explosion (Bul) 16421
mass surveys, value (Pol) 43641
mass x-ray in Norway (Nor) 52741
photofluorography in Italian military personnel (It) 19211
principles (Sp) 39108
protective shield for radiography of child. 37637
roentgenocinematography (Rus) 10818

***surgery***
alloplastic repair 12703
anesth., combined artif. hibernation & local anesth. (Ger) 35947
anesth., general potentiated by musc. relaxant, clin & exper. trial (Rus) 18185
anesth., hydroxydione succinate 36006
anesth., local (Rus) 18182
anesth., paravertebral nerve block & mediastinal infiltration anesth. (Ger) 54937
anesth., peroperative & postop. management (Ger) 54934
anesth., potentiated local & endotracheal anesth. (Rus) 18183
artif. resp. with Engström appar. (Fr) 30448
balanced analgesia for poor-risk patient 28141
blood transfusion in (Rus) 22526
complicated by sickle cell trait, case report 27266
diag. & ther. operations, cough control with dextromethorphan (Ger) 29456
in Argentina, statist. (Sp) 3308
open-chest surg., compl., vagovagal reflex, animal exper. on prev. (Ger) 47292
perop. direct oximetry, value in prev. of resp. compl. (Por) 36900
perop. EEG in evaluation of anesth. (Por) 36901
perop. without hypothermia, technic & value (Rum) 44006
polyvinyl formalinized sponge as chest wall prosth. 5882
postop. arrhythmia & pericarditis after intrathoracic surg., ECG (Sp) 44496
postop. cardioresp. compl., control by tracheotomy (Hun) 52887
postop. gastric & duodenal ulcers (Ger) 29118
postop. lung volume & funct. 24804
postop., micrococcal infect., ther., tetracycline local admin. (Ger) 32958
postop. peptic ulcer (Ger) 29076, 39382
postop. Pseudomonas infect., ther., polymyxin (Ger) 19445
postop. self-cleansing drainage of pleura & pericardium 11876
premedication with diprazine-mepazine lytic cocktail (Rus) 10748
preop. & postop. diaphragm motion, determ. by kymography (Ger) 25789
progr. (Fin) 37270
radical transthoracic forequarter amputation in cancer 13320
removability of mediastinum as indic. for operability in chest surg. (Ger) 22216
repair of tissue defect using pliable synthetic mesh 54757
risks, evaluation by internist (Ger) 42918
thoracentesis causing pulm. edema, case report (It) 48752
thoracic & cardiovasc. division in private hosp. 21515
thoracophrenolaparotomy, technic & indic. (Sp) 30993
thoracotomy, anterior, lateral & posterior, indic. & methods (Fr) 39828
thoracotomy, comparative eff. of lateral & supine position on pulm. ventilation 18121
thoracotomy, eff. of leukocyte count 11799
thoracotomy, eff. of manual versus automatic ventilation of elastic recoil of lung 36317
thoracotomy, exploratory (Sp) 49147
thoracotomy in differ. diag. of pleural effusion 47506
thoracotomy, preop. induction of aseptic pleurisy in rabbits (Rus) 54569
thoracotomy, simultaneous bilateral technics, indic. (Sp) 44395
thoracotomy, value of preop. dent. treatment (Dan) 10595
treatment of disord. of resp. funct. in thoracic surg. (Rus) 10742
with aerosols, value & technic (Ger) 11425
with artif. hibernation (Hun) 6337
with bis-p-dimethylamino-ethoxy-phenyl-3-methyl butane diiodomethane & brevatonal (Fr) 13991
with diffuse hemorrh. caused by fibrinolysis, management (Ger) 37750
with respirator, indic. (Ger) 54933

***ulcers***
phagedenic, in inf. (Rus) 45704

***wounds and injuries***
accid., surg., technics & indic. (Ger) 6064
bullet wd. followed by Adams-Stokes synd. due to A-V block (Fr) 47756
causing bronchial avulsion (Pol) 20452
closed, causing rupt. of main bronchi in humans & dogs 11788
closed chest inj., classif. & surg. 32724
closed inj. caused by traffic accid., classif. & management (Fr) 9213
closed inj., ther. 5399
contusion, statist. (Sp) 8927
contusion, surg. indic. & results (Sp) 27525
crush inj., surg., tracheotomy combined with bracing, case report (Fr) 18641
crush inj., ther., intermittent positive pressure resp., continuous curarization & tracheotomy, case report 41416
diag. & emergency management in mass casualty situations 52751
gunshot wds., surg. pneumonectomy (Rus) 41561
in famous people, hist. note 15221
in traffic accid., management 5855
large right abdominothoracic wd. caused by circular saw, with postop. hyperthermia & survival (Fr) 42437
penetrating & perforating chest wds. management 49185
penetrating, compl. & surg., case report (Sp) 15486
penetrating wds. with & without retention of for. bodies, surg. (It) 190
penetrating wound by large piece of metal (Rus) 51187
post-traum. fract. of pelvis & lumbar spine with dehiscence of diaphragm after nonpenetrating wds., surg. 5881
post-traum. physiol. disord., surg. 17511
surg., indic. & technic (Ger) 11381
surg. repair of close proximity shotgun-blast inj., case reports 25049
ther., hibernation & hyperventilation (Dan) 22426
thoracic & abdom. arrow wound in cat 28182

thoraco-abdom. wds., diag. & surg. 32727
thoraco-cardiac inj. (It) 3914

*THORAZINE see* CHLORPROMAZINE

THORIUM
decontamination problems of thorium X & probable mode of action 37813
*determination*
thoron content in breath after inject. of contrast medium thorotrast 30647
thoron exhalation after inject. of thorium or mesothorium into dogs 20926
tox., excretion & tissue distribution of ionium in rats 469
*in urine*
determ. 46880
*injurious effects*
eff. of inhalation of road dust on inhabitants of Niue Island, New Zealand 52699
psychosis (Ger) 53628
*therapeutic use*
thorium X in facial flat angioma (Sp) 53365

*THORN TEST see* ADRENAL CORTEX, *function tests*

*THOROTRAST see* CONTRAST MEDIA

*THREONINE see* AMINO ACIDS

THROAT
*anatomy and histology*
guttural pouches in ass & horse, histol. & histochem. study (It) 44802
*diseases*
lump in throat, causes & ther. 6222
pemphigus of mucous membranes 28473
*hemorrhage*
ther., adrenochrome semicarbasone-sodium salicylate prep., statist. 18796
*microbiology*
eff. of climate & geographic data on composition of bact. flora (Ger) 46227
*neoplasms*
diag., evaluation of Csaba-Törö reaction (Hun) 39430
early diag. 28460
in Filipinos, statist. 7986
metastases to cervical lymph nodes, surg., bilateral jugular évidement, indic. & technics (Fr) 21344

*THROMBASE see* THROMBIN

THROMBIN
antithrombin of heparin type in hemorrhagic diathesis in adult female (Fr) 32207
antithrombin V, with hemorrhagic diathesis & hypergammaglobulinemia in rheum. arthritis, review & case report 10346
assay of commercial prep. 5760
form. during electrophoresis of fresh & preserved blood (Ger) 55448
form., four-stage mechanism 46363
kinetic behavior toward synthetic substances, comparison with fibrinolysin & trypsin 7215
mode of action, review 23220
reaction with hirudin (Ger) 27913
thrombin-like action of active principle purified from venom of So. Amer. snake Bothrops jararaca (Ger) 29905
thrombin reaction in form. of fibrin from fibrinogen & thrombin (Ger) 46042

THROMBOANGIITIS OBLITERANS
*see also* ARTERIOSCLEROSIS OBLITERANS
(Ser) 51710
pathogen. & ther. (Rus) 33216
45664
pathol. & ther. (Rus) 9857
prev. & ther. (Bul) 28752
prev. & ther. (Rus) 33217
*blood in*
glucosamine (Pol) 30819
lipoproteins, eff. of heparin (Pol) 30818
*case reports*
coronary, cerebral & renal forms (Rum) 6592
immunol. aspects & blood proteins (Pol) 30817
inferior mesenteric artery causing hemorrh. infarct of sigmoid 25680
post-traum. in brain inj. (Bul) 32808
rare localizations, pathogen., clin. pathol. & ther. (Rus) 45666
*complications*
rheum. arthritis (Fr) 40462
thrombophlebitis migrans (Pol) 30854
*manifestations*
eye fundus (Pol) 30822
*pathology*
arteries of arms, brain, kidneys & pancreas (Rus) 18270
*physiology*
develop. of collateral circ. (Pol) 30850
reflex discret tremor of musc. bundles (Pol) 30833
*statistics*
clin. statist. (Hun) 52875
*surgery*
adrenalectomy, postop. residual adrenal histopathol. (Pol) 30820
intimal thrombectomy & vasc. grafting in lower extremities (Rus) 45663
sympath. denerv. of arm, Smithwick method (It) 36967
*therapy*
balneother. (Pol) 30848
current status (Rus) 18257
glucose-magnesium sulfate-insulin mixture, intra-arterial admin. & eff. on ECG (Rus) 33208
histamine, intra-arterial drip (Pol) 30773
intraosseous procaine block, with x-ray ther. (Rus) 55263
malariother. (It) 6890
9376
med. & surg. ther., indic. (Fr) 15222
mild insulin-induced hypoglycemia, eff. on urinary 17-ketosteroids (Pol) 30841
oxygen, subcutaneous admin. (Rus) 9903
x-ray ther. (Rus) 55252
*urine in*
17-ketosteroids (Bul) 16409

*THROMBOCYTES see* BLOOD PLATELETS

THROMBOEMBOLISM
*see also* EMBOLISM
*see also* THROMBOSIS
(Ger) 38977
etiol., pathogen. & ther. (Sp) 35966
in gyn. dis., review (Ger) 25215
*etiology and pathogenesis*
anticoagulant ther. in myocardial infarct 35729
postop., possible etiol. role of increased number of pulm. megakaryocytes 50206
*in pregnancy*
during labor (Dut) 39997
in pregn., pregn. toxemias, eclampsia & puerperium (Ger) 23243
*pathology*
pathol. anat. (Rus) 41509
principle of pathol. processes 8473
*physiology*
relation of capillary permeability to circ. rate & structure of vasc. wall (Ger) 2436
*prevention and control*
after penumonectomy or pneumonolysis in pulm. tuberc. (Ger) 37005
blood coagulation test (Ger) 38419
drainaven (Ger) 51852
hydergine with N, N-diethyleucinon-p-aminobenzoic acid methanesulfonate, preop. admin. in gyn. surg. (Fr) 30983
phenylbutazone, alone & with acenocoumarol in surg. (Ger) 54870
preop. & postop. anticoagulant ther. & correction of water-electrolyte disord. (Fr) 43953
preop. sodium thiosulfate (Ger) 11449
*surgery*
changing concepts & indic. 41785
*therapy*
anticoagulants in surg. patients 54783
anticoagulants, results of prolonged ther. (It) 2877
anticoagulants, streptokinase & trypsin, local admin. in prev. & ther. (Ger) 6050
fibrinolysin (It) 54216
heparin, without blood coagulation control (Ger) 19427
phenindione, prev. & ther. (Rus) 22532
pyrexal 36036
warfarin 2267
10839

*THROMBOPENIA see* BLOOD PLATELETS

*THROMBOPENIA see* PURPURA, THROMBOPENIC

THROMBOPHLEBITIS
acute venous thromboembolism, etiol., manifest. & ther. 4518
acute venous thrombosis, review 38490
clin. picture, diag. & ther. (Rus) 41512
deep venous thrombosis, review 20506
endophlebitis hepatica obliterans in horses, identification with horse epidemic of Žáár in Czech. caused by ingestion of Senecio erraticus (Ger) 32292
Mondor's dis. 2522
Mondor's dis. (Rus) 5965
18267
phlegmasia cerulea dolens (Ger) 38964
phlegmasia cerulea dolens, clin. aspects & ther. (Ger) 48356
plastic thrombophlebitis in pterygocondylar area in edentulous patient, clin. & pathol. significance 43361
*case reports*
cavernous thrombophlebitis & purulent meningoencephalitis caused by dent. abscess (Fr) 54120
idiopathica recurrens (Pol) 30835
leg, with pulm. embolism & mural endocarditis 40061
phlegmasia cerulea dolens 35885
phlegmasia cerulea dolens (Fr) 18676
*complications*
acute massive, causing gangrene of extremities (Ger) 46147
gangrene 20478
ischalgia (Rus) 45143
post-thrombophlebitic synd. of lower extremities, prev. & ther. of edema & ulcers, Mahorner method (It) 44037
pulm. embolism in venous thrombosis, management 54685
septic emboli in course of acute thrombophlebitis of sinuses of dura mater & jugular veins, mechanism (Fr) 1013
*diagnosis*
sphygmomanometer cuff pain test 27048
superficial veins of leg, diag. errors (Rus) 41687
*etiology and pathogenesis*
as compl. of urol. surg. 33081
cancer of viscera (Por) 51635
ergotamine tartrate ther. of migraine causing bilateral thrombophlebitis of legs 26148
extremities, review (Rus) 41685
infusion thrombophlebitis in esophageal stenosis, hydrocortisone prev. (It) 9284
intra-gemellar hemorrh. (Sp) 49880
migrans, caused by thromboangiitis obliterans (Pol) 30854
polio., severe 30113
septic thrombophlebitis caused by Micrococcus pyogenes aureus after intravenous use of polyethylene catheters for parental ther., case reports 19847
venous thrombosis caused by venous blood stasis (Ger) 8065
visceral cancer manifesting as multiple thrombophlebitis (Sp) 31034
*experimental*
organiz. & fate of occlusive & mural venous thrombosis in intrahepatic radicles of portal vein in rabbits 5677
*in infant and child*
ileofemoral, case reports (Cz) 38327
with acute hematogenous osteomyelitis of spine caused by Micrococcus pyogenes aureus septicemia, case report 10691
*in pregnancy*
endophlebitis hepatica obliterans simulating Chiari synd. (Ger) 39534
femoral, with puerperal infect. & psychoses, case report (Pol) 27593
in puerperium (It) 21498
in puerperium, diag. & phenylbutazone ther. (Ger) 46289
in puerperium, skin thermometry (Rus) 12167
ther., heparin (Dut) 30007
*pathology*
Mondor's dis., clin. & histopathol. aspects (Ger) 34445
venous thrombosis of abdom. veins in heart dis. (Sp) 1551
*statistics*
hosp. report (Pol) 30837
*surgery*
during abatement of acute phase (Fr) 42438
*therapy*
hydergine & N, N-diethyleucinon-p-amino benzoic acid methanesulfonate (Pol) 30847
irgapyrin, statist. (Pol) 30846
panthesine-hydergine (Ser) 6630
phenylbutazone 26351
phenylbutazone (Heb) 3977
phenylbutazone (It) 26589
phenylbutazone, eff. on blood coagulation (Ger) 12087
phenylbutazone, evaluation (Ger) 39536
phenylbutazone, postop. prev. (Ger) 22880
phenylbutazone prev. & ther. after labor & gyn. surg. (It) 21489
trypsin 5079
trypsin, pareuteral admin. 281

*THROMBOPLASTIC SUBSTANCES see* HEMOSTATICS

THROMBOPLASTIN
anti-plasmethromboplastin I & II, fractionation 22229
atypical circulating thromboplastin inhibitor causing hemorrhagic diathesis in ankylosing spondylitis, case report 2071
chem. constitution of lipid components of tissue thromboplastin & their possible responsibility for coagulant action (Ger) 49091
endogenous antithromboplastin prod. in pulm. embolism & myocardial infarct (Ger) 10349
generation test, eff. of heparin in horse 52441
generation test in liver dis. (It) 39762
generation test, method & reaction kinetics (Ger) 10354
generation test, one-stage test (It) 14005
generation test, protamine inhib. 17604
intermediates, eff. of intravenous admin. on coagulation in rats 12496
new prophase accelerator of thromboplastin, properties & funct. (Ger) 10355
thromboplastin activation during blood coagulation (Pol) 53222
thromboplastin activity of blood platelets (It) 3850
thromboplastin activity of blood platelets in thrombopenia & thrombopathic synd. in child. (It) 43489
thromboplastin activity of serine cephaline - lecithin prep. from beef brain tissue 28240
*therapeutic use*
neurol. disord., with vitamin B12 (Ger) 42343
scapulohumeral periarthritis with giant subacromiodeltoid bursitis in octogenarian, case report (Fr) 44717


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

## THROMBOSIS

*see also* CEREBRAL EMBOLISM AND THROMBOSIS

*see also* PULMONARY EMBOLISM AND THROMBOSIS

*see also* SINUS THROMBOSIS

auric. & ventric. thrombosis (Sp) 32435
diag. & control in GP (Dan) 18584
internal carotid, surg. & case reports (Por) 36907
intra-auric. in commissurotomy (Rus) 10734
intra-auric. in mitral stenosis, commissurotomy (Rus) 10752
Leriche synd. (Fr) 51366
of aortic bifurcation (Fr) 31076
postop., after gyn. surg., prev. & ther. (Pol) 27601
thrombotic coup de fouet synd. of leg (Sp) 2955
vertebral artery 42820

***blood in***

fibrinolysin activities (Dan) 45531

***case reports***

anterior ventral vertebral artery (Ger) 44911
aorto-iliac, chronic (It) 1094
generalised, unusual case (Pol) 30859
internal carotid artery 17637
internal carotid artery, diag., ophthalmodynamometry 49650
Leriche synd. in brothers 17555
mesentaric, massive resection of small intestine in (Ser) 23686
palmar intramural thrombosis of ulnar artery 37952
renal artery, causing anuria (Rus) 45609
splenic veins in Cruveilhier-Baumgarten synd. (Ger) 15467
subclavian vein (It) 29562
superior mesenteric artery (Rus) 22540
traum. of humeral artery caused by gunshot wd. of arm (Sp) 25944
with necrotizing vasculitis & rheum. arthritis, pathol. 52641

***complications***

carotid artery, with Horner synd., diag. 19804
hypertension in aorto-iliac thrombosis, case report 51328
hypertension with Leriche synd., case report 46853
inferior vena cava, causing nephropathy with secondary hyperparathyroidism (It) 1511
internal carotid artery in neck, causing senile dementia 774
menorrhagia & metrorrhagia caused by pelvic thrombosis (Fr) 25092
nephrotic synd. caused by bilateral thrombosis of renal veins (Hun) 43448
portal vein thrombosis with varicose veins, clin. anat. & etiol. findings (Ger) 35569
postthrombotic synd., ambulant compression ther., results (Ger) 15283
post-thrombotic synd., blood circ. in deep veins (Ger) 34530
postthrombotic synd., deep vein ligation (Ger) 29061
postthrombotic synd., etiol. & pathogen. (Dut) 47918
postthrombotic synd. in thrombosis of inferior vena cava (Hun) 52912
postthrombotic synd. of legs, surg. (Ger) 55717
postthrombotic synd., surg., evaluation (Ger) 2869
prev. by anticoagulant ther. 48717
seq. of renal vein thrombosis (Ger) 27191
splenic veins, causing spontaneous rupt. of spleen (Ger) 41705
thrombosis of inferior vena cava & left renal vein with stenosis of openings of hepatic veins, pathol. (Por) 16143
thrombosis of leg causing ulceration (Ger) 15281
vena cava, with liver echinococcosis (Bul) 32751

***diagnosis***

blood platelet sedimentation rate (It) 27754
pelvic veins, diag. value of pelvic vein cavography (Ger) 25189

***etiology and pathogenesis***

(It) 9287
angle closure glaucoma causing central retinal vein thrombosis 15736, 15745
anoxia as cause of phlebothrombosis in aviators (Fr) 51486
blood coagulation disord., review (Rus) 41645
eff. of high fat diet on susceptibility to thrombosis 27966
internal carotid artery, caused by intracranial inj., anat. & clin. aspects (It) 32135
peptic ulcer causing splenoportal thrombosis, diag. & surg. (Fr) 400
promazine, with gangrene, case reports 16602
role of blood platelets 54436
sodium diprotrizoate causing fatal multiple thrombotic episodes, clin.-pathol. conf. 35720
thrombocythemia, essential (Fr) 54304
thrombophilia secondary to hydatid arterial embolism 13005

***experimental***

eff. of thrombocid in rabbits (Ger) 6086
lytic eff. of bishydroxycoumarin in rabbits (Rus) 54549
streptokinase lysis of exper. arterial thrombus in the dog (Fr) 54309

***in infant and child***

renal vein, with hemorrhagic kidney infarct, postmortem diag. (Pol) 7814
thrombophilic disord. in newborn inf. with gangrene of extremities (It) 42783

***manifestations***

clin. & pathol. manifest. 19808
internal carotid artery & its terminal branches, angiographic demonstration of collateral circ. 35418
Leriche synd. premonitory sign (Sp) 29347
Leriche synd. with impotence as early diag. sign, mechanism & relief by endarterectomy 5923

***pathology***

organiz. & canalization of arterial thrombi 5611
vena portae, acute, histopathol., case reports (Hun) 28800

***physiology***

differentiation from blood-sludge phenomenon & blood coagulation, mechanisms (Ger) 10345

***prevention and control***

anticoagulants in prev. of recur., ambulant use (Ger) 52250
belladonna-ergot-phenobarbital prep. (Ger) 11222
bishydroxycoumarin in surg. patients 25845
legs, after gyn. surg., (Fr) 15958

***surgery***

thromboendarterectomy in arteriosclerosis obliterans 46519

***therapy***

2-p-anisyl-1,3-indandione in thrombosis of legs 3266
anticoagulants, hazards (Ger) 46037
anticoagulants in arterial thrombosis (Ger) 25841
bishydroxycoumarin & heparin in arterial thrombosis (Ger) 25839
coumarin deriv., control of hemodynamics (Dut) 52484
fibrinolysin 18361
fibrinolysin (Ger) 49063
fibrinolysin, intravenous, as supplement to anticoagulant ther. 16611
heparin 48712
irgapyrin, statist. (Pol) 30846
mixture of heparin with heparin-like substances (Ger) 42320, 49141
mixture of heparin & heparin-like substances in thrombosis in pregn. & gyn. dis. (Ger) 42290
3α-4'-nitrophenyl-β-acetylethyl-4-hydroxycoumarin (It) 37759
3-(1-phenylpropyl)-4-hydroxycoumarin (Dut) 52475
plant extract drainaven in prev. & ther. of postop. thrombosis (Ger) 39062
somatotropin in post-thrombotic ulcers (Pol) 30728

*THROMBOSIS, CORONARY see* CORONARY DISEASE

## THRUSH

diag. & ther. (Sp) 9686
in premature inf. 26653

***etiology and pathogenesis***

superimposed infect. following radiother. of mouth & neck 53733

***immunology***

infect. immun. & promunity (Ger) 25219

***therapy***

nystatin in newborn (Por) 43480
nystatin in newborn & method of eradication from hosp. nurseries 38012
trichomycin, in newborn (Por) 43486

## THUMB

***abnormalities***

additional phalanx of both thumbs, case report 16317
snapping thumb in small child. (Ger) 55444

***fractures***

Bennett's fract., diag. & ther. (Cz) 35042

***muscles and tendons***

paralysis causing loss of opposition surg. restoration technics (Fr) 21587

***neoplasms***

hemangioma, metacarpal, with arteriovenous fistulae of thumb (Fr) 51447

***surgery***

plastic surg., repair for loss of tactile pad, technic & case report 47255
reconstruction by transpl. of index finger (Fr) 39841
reconstruction, review (Sp) 2927

## THYME

comparison of floral leaves & calyces of various species of Thymus 716
histol. of various Thymus species 717, 718
Thymus hirsutus & Thymus heterotrichus, comparison of microscopical characteristics 711
Thymus pectinatus & Thymus sylis, comparison of microscopical characteristics 712

## THYMINE

***deficiency***

mutagenic eff. in auxotropic strain of thymine-requiring bact. 13789

***determination***

in ribonucleic acids from various sources, occurrence & distribution 37069
in small samples of nucleic acid-protein residues 25421

***effects***

antag. toward folic acid during tumor-inhib. by 2-thio-5-methylcytosine (It) 33377

***metabolism***

E. coli strains 37110
Lactobacillus leichmannii, eff. of vitamin B12 on biosynthesis 4765
synthesis by bone marrow in vitro, in hib. by substance extracted from rabbit liver 54419
synthesis of thymine cpds. by lymphatic tissues & tumors, pathways 16921
thymine-requiring variant of Lactobacillus casei 50345

***related compounds***

eff. on growth of mammalian cell cultures 40555
5-hydroxymethyl-4-methyluracil, eff. on leukopenia induced by radiocobalt (Rus) 7787
5-hydroxymethyl-4-methyluracil, ther. of leukopenia induced by x-ray ther. (Rus) 8640
5-methylcytosine determ. of ribonucleic acid of E. coli 1703

## THYMOL

***related compounds***

6-fluorothymol, synthesis & antifungal properties 18692

***therapeutic use***

hookworm infect. (Bul) 45305

## THYMOMA

***case reports***

(It) 39700
malignant, clin. pathol. conf. 7411
myasthenia gravis with malignant thymoma metastatic to liver (Fr) 31062
with miliary, tuberc., perf. of small bowel & generalized peritonitis, clin. pathol. conf. 3782
with myasthenia gravis, death 6 years after carotid sinus denervation (Fr) 9155
with stomatitis & pancytopenia 20150

***complications***

assoc. of benign thymoma with selective erythroid aplasia of bone marrow 48540
hemopoietic insuff., case report 34881

***differential diagnosis***

reticulum cell sarcoma (Ger) 361

*THYMONUCLEODEPOLYMERASE see* DESOXYRIBONUCLEASE

## THYMUS

***abnormalities***

large persisting thymus in hyperthyroidism, perop. death, case report (Ger) 23199

***anatomy and histology***

composition of calf thymus, comparison of differential centrifugation & chem. fractionation technics 40584
histol. study for possible secretory funct. in mice 23946
origin & fate of cells in medulla of rat thymus 20794

***cysts***

cervical, case reports 47277
differ. diag. from anterior mediastinal tumors 40935
mediastinal, case report 36037
metab. of cyst tissue, histochem. & radioautography 34431

***diseases***

hyperplasia, with goiter, case report (It) 39663
hypertrophy in child., ther., ACTH & prednisone (Sp) 12008
hypertrophy, x-ray & anatomopathol. findings (Ger) 39906
pneumomediastinum in diag. of thymic changes (It) 29659

***effect of drugs on***

ACTH, potentiation of response by squalene admin. in rats 3420
adrenal cortex & sex hormones on glutathione content in rats (Ger) 29923
corticotropin A, assay by thymus involution method 11905
cystamine & cysteamine tox. for thymocytes maintained in heterologous serum (Fr) 26725

***effect of excision***

alone & with thyroidectomy, on adrenal glands in rats (Ger) 30571
eff. of Bessonoff & Coinsa thymus extract on thymectomized guinea pigs (Ger) 30547
hyperplastic bone reaction after thymoparathyroidectomy in osteogenesis imperfecta (Fr) 31060
on stress resist. in rats 16726

***effect of radiations on***

gamma irradiation on macromolecular composition of glands isolated from calves 8524
gamma rays, changes in activity in guinea pigs during recovery from total-body irradiation 37580
gamma rays, histochem. 12944

***extracts***

anti-thyroid eff. (Fr) 5766
eff. of inject. of isologous mouse or rat thymus on lethally x-irradiated mice treated with rat bone marrow 5421

inhib. eff. of dried rabbit thymus cells on Walker tumors in rats (Ger) 34222
lack of neuromusc. blocking activity of fractionated thymus extracts from patient with myasthenia gravis 44077
prep. & bioassay of purified extract 35085

*metabolism*
desoxyribonucleic acid from calf thymus, mechanism of hydrolysis by pancreatic desoxyribonuclease 26409
desoxyuridylic acid conversion to thymidylic acid by soluble extract from rat thymus 47693
histone from calf, fractionation & analysis 40499

*neoplasms*
classif. (Fr) 43736
classif., anatomico-clin. (Fr) 28364
diag. & clin. & histol. classif. (Fr) 38353
hemangiopericytomas, hemangioendothelioma & lymphangioendotheliomas (Cz) 31573
malignant tumors (Rus) 33608
surg. & x-ray ther. 55273
with myasthenia gravis, epileptic attacks & confusional states, case reports (Fr) 29188

*pathology*
in exper. benzene pois. in rat (It) 37389
preleukemic & early leukemic changes in mice 23947

*physiology*
eff. on weight response to somatotropin in rat 19500
lymphocytosis-stimulating factor prod. & relation to pathogen. of lymphatic leukemia 13227
reactions of thymus to trauma in rats resistant to Noble-Collip drum 48447
relation of implanted inbred-strain thymic tissue in develop. of leukemia in F1 hybrid mice 41182
response to inj. in animals adapted to traum. shock (Cz) 38257
thymocyte protein concentration in normal mice, interference microscopy technic 50571

*surgery*
excis. in myasthenia gravis, eff. on lymphocyte count 51523
excis. in myasthenia gravis 6184, 48308
excis., technic in rats 50267
review (Ger) 22209

*THYROGLOBULIN see* THYROID GLAND

## THYROGLOSSAL CYST

*case reports* 15732

## THYROID ANTAGONISTS

*see also* THIOCYANATES
*see also* THIOURACIL
*see also* THIOUREA
dimercaptopropanols 9474
iodine not dischargeable with sodium perchlorate in thyroids of thiouracil-treated rats, radioiodine determ. 15623
thymus extracts (Fr) 5766

*effects*
3-amino-1,2,4-triazole, mode of action in rats 40559
mechanism of action (Ger) 22943
3-mercaptoisobutyric acid deriv. & esters., comparison with methylthiouracil (It) 49413
methimazole induction of sex reversal in female frog larvae 15580

*injurious effects*
congen. goiter in newborn in ther. of maternal hyperthyroidism (Ger) 38986
potassium perchlorate sensitivity 37741
pretibial myxedema in hyperthyroidism ther. (Fr) 41943

*therapeutic use*
hyperthyroidism, indic. (It) 2977
hyperthyroidism, indic., results & toxic reactions 45810
methimazole in hyperthyroidism (Ger) 6685
methimazole in hyperthyroidism, eff. on blood picture & bone marrow (Ger) 22964
potassium perchlorate in hyperthyroidism (Ger) 18919
preop. admin. in surg. of hyperthyroidism (Rus) 21885
thyroidal pyrocatechol prep. in hyperthyroidism, with potassium perchlorate potentiation (Ger) 11220

*THYROID CARTILAGE see* LARYNGEAL CARTILAGES

## THYROID GLAND

thyroglobin samples from sheep, heterogeneity in phys. & chem. analysis 49250
thyroglobulin antibodies in multiple thyroid dis., mechanisms & demonstration 52615
thyroglobulin form. disord. in cretinism (Dut) 51408

*abnormalities*
aberrant intra-glottic thyroid (Fr) 13076
aberrant thyroids in cretinism, diag. by radioiodine tests, case reports (Sp) 44589
aberrant thyroid tissue in thyroidectomized guinea pigs 3426
aberrant tissue in mediastinum, differentiation from mediastinal tumors by radioiodine (Ger) 15363
athyreosis (Sw) 32861
lingual ectopia, diag. & ther. (It) 36723
lingual thyroid, diag., radioiodine (It) 42749
lingual thyroid with carcinomatous degen., radioiodine ther. 51329

*abscess*
rupt. into larynx in thyroiditis & goiter in pregn., case reports (Pol) 30316

*anatomy and histology*
epithelial cells of different types in rabbit thyroid (Fr) 26926
lymphatic system in rabbit (Rus) 47857
lymphatic vessels, outlet into cervical veins (Rus) 47866

*cysts*
chem. composition of cystic fluids (It) 3858
hemorrh. cysts, etiol. mechanisms (Fr) 31045

*diseases*
*see also* GOITER
*see also* HYPERTHYROIDISM
antibodies 28981
auto-antibodies 28980
auto-immun. 28990
autoimmun. mechanisms 52616
auto-immunol. mechanisms (Dan) 45513
auto-immunol. mechanisms (It) 39650
benign reactional thyrosis, diag. & incidence in Fr. military personnel (Fr) 31942
blood cholesterol in deranged thyroid states 24394
cardiac manifest. 48295
changes in hair roots of human scalp 50648
diag., blood iodine determ. (Ger) 22752
diag. & ther. value of liothyronine & 3,3',5-triiodothyroacetic acid (Ger) 3296
diag. & ther. with radioiodine (Ger) 52207
diag., blood iodine values, review (Sp) 43905, 42130
diag., radioiodine in child. (Sp) 1804
diag., radioiodine (Fin) 54635
diag., radioiodine tests 4319
diag., radioiodine tests (Hun) 43451
diag., radioiodine uptake with Orbán's ionization chamber (Ger) 23741
diag., serum butanol-extractable iodine determ., technics 27080
diag., skin test using human thyroid tissue extract as antigen 18459
echinococcosis (Sp) 25937
eff. of adiphenine, atropine, hexamethonium & phenobarbital in mice & rats (Rus) 33181
eff. on resp. & basal metab. (It) 30259
familial cases 11980
funct. disord. in rheum. heart dis., ther. (Rum) 31125
funct. disord., relation to arthritis (Ger) 39072
fungus dis. (Rus) 31163
histochem. reactions of thyroid tissue to various stains (It) 9319
histopathol. findings (Sp) 32462
hyperthyroxinism, definition & proposed terminol. (Fr) 44998
in pregn., eff. of fetal develop. 36035
nursing care 14720
radiother. 42132
surg. (Bul) 41569
surg., indic. 42133
surg., results (Rus) 41540
ther. 42095
ther. (Fr) 33407
ther., perchloric acid (Ger) 18955
ther., radioiodine, review (Ger) 15645
ther., thyroxin, degradation studies in patients before & after ther. 4866
ther., thyroxin, disappearance rate after oral admin. in thyroid dis. (Hun) 52931
ther., thyroxin, indic. & mechanism of action (It) 27359
with hypogonadism in CNS disord. 35130
with pernicious anemia, case reports 11975

*effect of drugs on*
acetylcholine on spontaneous electrical response of thyroid (It) 36743
acetylsalicylic acid, calorigenic eff. 15048
aldosterone causing changes in radioiodine uptake in rats (It) 49588
antidiabetics in diabetic patients (Sp) 35969
bact. exotoxins on activity of thyroid gland in different species 41338, 41339
benzene, histochem. eff. in rats 19475
bovine fraction VI, depressant activity 44075
bovine fraction VI in rats 44074
calcium, magnesium & potassium ions in rainbow trout (Fr) 26757
carbutamine anti-thyroid eff., mechanism of action 15597
cobalt chloride, toxic eff. (It) 6831
cortisone (Rus) 53449
edathamil calcium disodium, on fixation of radioiodine & histol., in rats (Fr) 26665
epinephrine on spontaneous electrical activity of thyroid in humans (It) 36742
estrogen, in castrated rats 11751
estrone, on radioiodine uptake & thyroxin synthesis, in normal & adrenalectomized rats (It) 3863
9-α-fluoroprednisolone on rat thyroid funct. (It) 21501
2,4-D on radioiodine uptake in rats 35372
progesterone, on uptake of radioiodine & thyroxin synthesis, in normal & adrenalectomized rats (It) 3882
promazine on spontaneous electrical activity of thyroid in humans (It) 36741
serum globulins, comparative antithyroid eff. (Ger) 55454
somatotropin 39206
thiohydantoins, anti-thyroid activity 14140
thiopental, on content of thyroxinic iodine, in dogs (It) 36809
thyrotropic hormone inject. on funct. in humans 50414
thyrotropic hormone on iodine-containing cpds. in thyroid of guinea pigs (It) 36748
thyrotropin on chick thyroid 35122
tranquilizing agents on funct. tests 17046
triiodothyrosine on hormone secretion by thyroid gland in rats (Fr) 48860
triiodothyronine on thyroid funct. in euthyroid subjects 4850

*effect of excision*
alone & with thymectomy, on adrenal glands in rats (Ger) 30571
eff. of triiodothyronine on body temperature & oxygen consumption in thyroidectomized rats, eff. of ACTH & cortisone 24032
induction of particular cell form. in anterior pituitary gland in rat, determ. of cell origin 12937
on blood cholesterol & sugar responses to carbutamide admin. in rats (Ger) 35086
on blood platelet count, comparison with gonadectomy & hypophysectomy in rats 20736
on cardiac electric potentials & ECG, in rats in hypothermia (Fr) 48065
on cholesterol & coenzyme A levels in rats, influence of admin. of 3,3',5-triiodothyroacetic acid (Fr) 48861
on forelimb regen. in adult newts, morphol. 5068
on Gallieva sarcoma-bearing rats (It) 43467
on growth of rats on iodine-defic. diet 12550
on hyaluronic acid in rabbit vitreous body 11697
on pituitary histol. & funct. in rat with & without castration 15616
on protein component of anterior pituitary extracts in rat, electrophoresis 15615
on reduction of ring A of cortisone by rat liver 12549
on sebaceous glands in animals (Rus) 45634
on transaminase activity of brain in rats (It) 335
on ventilatory responses during exercise in rats 12523

*effect of radiations on*
radioiodine, dosimetry (Ger) 44310
radioiodine thyroidectomy, pathol. eff. in parakeet 23467
x-rays, on radioiodine uptake (It) 53756

*embryology*
develop. of pituitary-thyroid system in normal fetus & of thyroid gland in anencephalic fetus 36035
thyroid-pituitary relations, histophysiol. in chick embryo (Fr) 36512

*extracts*
desiccated thyroid, eff. on degree of pubic symphysis separation in pregn. mice 15590
desiccated thyroid, metab. eff., comparison with triiodothyronine & thyroxin 4043
dissicated thyroid, ther. of Hashimoto's thyroiditis 50416
desiccated thyroid, ther. of pulm. metastases of thyroid cancer, with radiotodine 36977
desiccated thyroid with estrogen, ACTH & cortisone in ther. of Hand-Schüller-Christian synd., case with disappearance of bone lesions 50435
eff. on complex protein components of blood, value in determ. of nutritive eff. (Fr) 37773
eff. on 17-ketosteroids in urine in rheum. (Rus) 31124
eff. on post-hypophysectomy dissolution of bladder calculi in rats 55040
primary myxedema occurring after cessation of prolonged admin. of desiccated thyroid in initially euthyroid patient 39924
ther. of schizophrenia 3389
toxic action in rats, potentiation by reserpine admin. 31343

*fistula*
thyroglossal, surg. & prev. of recur. (Ser) 21955

*function tests*
blood radioiodine distribution during various periods of time, clin. value 17583
comparison of currently-used hosp. tests 1143
erythrocyte phosphorus renewal rate (Fr) 36071
erythrocyte uptake of triiodothyronine & turnover of intravenous thyroxin in supraventricc. tachycardias 50419
erythrocyte uptake of triiodothyronine in vitro 50420
in diabetes mellitus patients treated with carbutamide & tolbutamide (It) 36753

in hypertension in aged (It) 27613
indic. & technics (Fr) 55095
methods (Dut) 51406
practical application 30170
protein-bound iodine in blood & radioiodine uptake, comparison 54859
protein-bound iodine in blood, diag. value 42857
protein-bound radioiodine in blood (Cz) 38123
radioiodine conversion rate & urinary excretion in child., simultaneous determ. (Fr) 35355
radioiodine elimination in urine (Ger) 15457
radioiodine elimination in urine (It) 37387
radioiodine erythrocyte-blood ratio & conversion ratio tests in pigeons (Fr) 48836
radioiodine erythrocyte-blood ratio test (Fr) 43951
radioiodine fixation, determ. of basal metabolism & blood cholesterol, technics & comparative diag. value (Fr) 54463
radioiodine fixation in alcoholic cirrhosis (Fr) 1454
radioiodine test by measurement in saliva 35857
radioiodine test, correlation of thyroidal clearance factor & percentage uptake 35856
radioiodine test, diag. value in internal dis. (Ger) 6678
radioiodine test in aged (Ger) 55403
radioiodine test in goiter of tongue root (Ger) 3947
radioiodine test in inf. during first year of life (It) 29736
radioiodine test in thyroid cardiopathies, conversion factors (Cz) 2748
radioiodine test, methods (Sp) 44423
radioiodine test, neck/thigh diffusion factor (R) 37478
radioiodine test of maternal & fetal thyroid funct. in pregn. (R) 52104
radioiodine test, relation between effective half-life period & plasma activity in various thyroid cond. (Ger) 32663
radioiodine test, scintillation scanning (Fr) 50363
radioiodine test, superiority of iodine 132 to iodine 131 26087 26088
radioiodine test, superiority of iodine 132 to iodine 131 (Ger) 39412
radioiodine test, value of determ. of blood & liver radioiodine levels (Ger) 32662
radioiodine tests 5177 14246 29525 35853 43711
radioiodine tests (Fr) 21361
radioiodine tests (Ger) 33899
radioiodine tests (Ser) 10919
radioiodine tests in male Peking duck (Fr) 38715
radioiodine uptake curve (Fr) 11894
radioiodine uptake determ. by contact method (Rus) 53452
radioiodine uptake in premature inf. (It) 29721
radioiodine uptake in toad (Sp) 44599
radio iodine uptake, technic (Ger) 32690
radioiodine uptake test, technics for x-ray technician 33881
review (Fr) 9124

***hormones***

*see also* **THYROXIN**

*see also* **TRIIODOTHYRONINE**

biosynthesis & metab. (Fr) 3626
chem. & metab., review (Fr) 25080
chem. determ., methods (Ger) 43599
correlation of goiter, deafmutism & ment. retardation with blood thyroid hormone levels in noncretinous inhabitants of severe endemic goiter area in India 50433
defect in synthesis causing hypothyroidism, case report (Fr) 39889
eff. on blood cholesterol levels & atherogenesis in cholesterol-fed cockerels 15010
eff. on carbohydrate metab. in chick embryo fibroblasts 13820
eff. on cholesterol & vitamin C content of adrenals in normal & hypophysectomized rats (Ger) 34012
eff. on contraction & relaxation of ventric. heart musc. in dogs 14342
eff. on growth of dwarf beef cattle 12733
eff. on hypogammaglobulinemia 6215
eff. on oxygen consumption in toad (Sp) 44597
excretion, eff. of nonspecific stimulation, radioiodine determ. (Ger) 11001
fixation by frog ovary (Fr) 26792
in blood & thyroid, paper chromatography & micro-iodine determ. (Hun) 41607
in pregn., review (Fr) 36049
metab. (Fr) 44999
metab. & peripheral activity (Fr) 9123
metab. by limb-bone rudiments cultivated in vitro 41340
metab., peripheral disord. (Dut) 51410
prod. in day-old chick 35122
secretion rate, eff. of lactation in rats 31456
ther. of sporadic cretinism with goiter 11901
ther. use, indic. 11078
ther. use, review (Pol) 8103
thyroid-androgen-estrogen prep. ther. of geriatric dis. eff. on nitrogen balance 55359

***in various diseases***

atherosclerosis, eff. of diet ther. (Rus) 33629
hyperfolliculinism (It) 33549
obesity in inf. (Fr) 16377
pernicious anemia (Fr) 21653
rheum. fever (Rus) 20284
vitamin B1 defic., in rats, protective eff. of vitamin C (Fr) 26790

***metabolism***

acid mucopolysaccharide 50438
bromides, eff. of exper. hyperthyroidism & methylthiouracil (Rus) 48042
eff. of acetazolamide in rats 46924
eff. of stable iodine on radioiodine uptake in sheep 12747
form. of iodinated cpds. by slices & homogenates in vitro 11900
iodide transport between thyroid & blood in mice & rats 47119
iodide transport mechanism, comparison with transport across stomach wall in rats 49249
iodides, depression by thiouracil or propylthiouracil in mice 49269
iodine not dischargeable with sodium perchlorate in thyroids of thiouracil-treated rats, radioiodine determ. 15623
iodine, theory of funct. heterogeneity (Fr) 25522 25524
iodine transport in normal sheep thyroid & rat thyroid tumor slices, inhib. by cardiac glycosides 19603
iodoproteins in normal & abnormal human thyroid tissue & in normal sheep thyroid 49245
monoiodotyrosine & diiodotyrosine levels in rat after admin. of radioiodine 11906
nucelic acid content, relation to thyroid structure & funct. in guinea pigs 49254
protein-bound iodine, comparison with other tissue, radioiodine determ. (Ger) 32680
radioiodine depletion & radiophosphorus uptake tests on chick thyroid gland, limitations in assay of thyrotropic hormone in human blood & urine samples 49255
radioiodine fixation, review (Fr) 25085
radioiodine in human thyroids following Windscale reactor accid. 42082
radioiodine, 3-hour uptake, eff. of food 4852
radioiodine uptake (It) 19190
radioiodine uptake, eff. of acetazolamide 16837
radioiodine uptake, eff. of meprobamate-tridihexethyl iodide prep. 30114
radioiodine uptake, eff. of oral iodized oil 50434
radioiodine uptake, eff. of reserpine admin. in guinea pigs (Fr) 3083
radioiodine uptake, eff. of thyroid, systemic dis. & various drugs, review 35854
radioiodine uptake in leukemia & Hodgkin's dis. (Rus) 6037
radioiodine uptake in non-thyroid cancer (Sp) 21778
radioiodine uptake, indirect eff. of x-irradiation in chick embryo 11549
radioiodine uptake, phys. features 35853
radioiodine uptake, suppression by various thyroxin analogues in rats 49251
synthesis, metab. & secretion (Fr) 38797
thyroprotein, eff. on vitamin B1 requirements & growth in normal & hyperthyroid rats 17809

***neoplasms***

13559
adenoma, hyperfunctioning (Sp) 53347
adenoma, metastatic, differ. diag. from spinal tuber., case report (Fr) 18499
adenoma, metastatic, with hyperparathyroidism & gastric ulcer, case report 30224
adenoma of accessory thyroid in 14-year-old boy (Rus) 55235
adenoma, solitary, surg. indic. 12842
carcinoma, papillary, metastatic to lungs & bones 50877
carcinoma, papillary, ther. 54734
classif., grading & compl. (Sp) 3337
diag., & surg., review (Fr) 24259
diag. of metastases by radioiodine 5162
diag., radioiodine localization (R) 29684
diag., radioiodine test, photoscanner & recording of photogammagrams (Ger) 32674
differ. diag. from goiter (Ger) 45942
eff. of age & iodine intake on prod. in rats 41181
fibrosarcoma, review & case reports (It) 49582
follicular & papillary carcinoma, surg. statist. 17512
histopathol. classif. (Ger) 31620
in cattle, relation to ultimobranchial remnants & deriv. 48977
in child., caused by radiother. 40272
in child., etiol. role of x-rays 5223
in child., surg. 37999
in child., surg. (Ger) 30046
in young people 37942
incidence in child. previously subjected to x-irradiation (Fr) 17997
incidence in nodular goiter 47283
invasion by cancer of larynx (Fr) 9067
iodide trapping without conversion into thyroid hormones in transplantable rat thyroid tumor in vivo & in vitro 49243
iodine storage & radiation sensitivity complicating radioiodine ther. & radiother. (Ger) 31623
iodoproteins in thyroid tissue & blood of rats with transplantable thyroid tumor 49244
late develop. after radiation exposure 14200 14208 14213
lymphangioma (Ger) 23129
malignant degen. of simple goiter, case report (Sp) 37280
management 50630
management of nontoxic thyroid nodules 45549
medullary carcinoma, clinicopathol. 50424
metastases to lungs, effective ther. with radioiodine & desiccated thyroid 38977
metastases to temporal bone, case reports (It) 30352
metastatic from breast, intrafollicular growth, pathol. (Ger) 34161
metastatic from hypernephroma, diag. by biopsy of supraclavicular lymph nodes (Hun) 39433
metastatic, histol. & case reports (Sp) 25661
metastatic, radioiodine ther. (Ger) 44311
nodules, late appearance after radioiodine ther. of hyperthyroidism in child. 50422
occult carcinoma with metastases to lymph nodes, surg. & radiother. (Fr) 2323
occult sclerosing carcinoma in area of increased acidity for iodine, case report 17031
occult sclerotic carcinoma with metastasis, case report (Pol) 30733
ocular compl., differ. diag. & radiother. (Ger) 26184
osteogenic sarcoma (Fr) 51883
papillary adenocarcinoma involving local lymph nodes, in 8-year-old boy, clin. pathol. conf. 5735
papillary cancer, statist. & review of cases 14740
papillary carcinoma 11762
papillary carcinoma, calcified 24661
papillary carcinoma in child after irradiation of neck, case report 9804
papillary tumors, pathol. 51028
parenchymal pathol., case reports 50425
preservation of canine thyroid carcinoma in frozen state 41187
radioiodine-124 ther. based on decay scheme 30648
radiother. & surg. indic. (Fr) 54608
radiother., review 31497
routine scintiscanning of thyroid nodules, value in postop. management 48534
routine scintiscanning of thyroid nodules, value in preop. diag. 48533
surg. (Rus) 41519
surg., postop. tracheomalacia, case report 8231
surg., results 11806
ther., intravenous yeast suspensions, eff. on radioiodine fixation (It) 29885
ther., radioiodine (Sp) 44423
ther., radioiodine & radiother. (Ger) 31621 31622
ther., radioiodine in single massive dose 31781
thyroid hormone-dependence of thyroid cancer, pathogen. & ther. 12829
undifferentiated & miscellaneous carcinomas, pathol. & clin. features 14653
with cancer of esophagus (Pol) 43670
with extra-thyroid localizations, case reports (It) 8604
x-ray differ. diag. with photoelectric scanning of radioiodine distribution (Ger) 39411
x-ray ther., preop. 17618

***pathology***

active nodules in euthyroid patient, scintigrams 42053
histol. after ther. of hyperthyroidism by partial excis. or radioiodine 17899
histol. in scurvy in various stages in guinea pig (Pol) 20108
morphol. changes in rats as consequence of various diets & various amounts of dietary iodine (Ger) 46208
osseous localization of thyroid tissue, histogenetic problems & biol. significance (It) 1877
tissue culture of human pathol. thyroids 51015

***physiology***

activity after electrical stimulation of hypothalamus or pituitary gland in rabbits 17962
activity in relation to thyrotropic hormone content of anterior pituitary in rats (Fr) 3109
afferent electrophysiol. connection with CNS (Rus) 37195
auto-antibodies, study by passive cutaneous anaphylaxis in guinea pigs 31414
eff. of adrenomedullectomy on tissue structure in dogs (Ger) 3434
eff. of blocking by iodine on hypothermia prod., clin. & exper. studies (Ger) 54930
eff. of burns & removal of dorsal skin surface on funct. in rat 35809

eff. of castration of thyroid activity & thyrotropic potency of anterior pituitary in rats, relation between excretory & secretory funct. of anterior pituitary (Fr) 36509

eff. of changes in thyroid funct. on metab. & body temperature in anoxic rats (Hun) 28798

eff. of dietary protein defic. in rat (Fr) 26946

eff. of exper. hyper- & hypofunct. on adrenals (Cz) 38229

eff. of exper. splenomegaly & splenectomy (Rus) 48003

eff. of exper. tissue ther. with sleep ther. (Rus) 31150

eff. of insertion of yttrium 90 in sella turcica to destroy pituitary gland in cancer patients on thyroid funct. 42546

eff. of liver in peripheral regulation (Fr) 2372

eff. of maternal thyroid funct. on fetal thyroid funct. & develop. 50412

eff. of medial eminence lesions in salamander (It) 34434

eff. of ovariectomy in rats, determ. from radioiodine uptake studies (It) 29715

eff. of temperature on funct. in eels (Fr) 48815

eff. of thyroid funct. on learning & extinction of a conditioned response in rat 4932

eff. of thyroid pre-treatment on mortal. of x-irradiated mice 42989

eff. on exper. tubere. in guinea (Pol) 32179

eff. on musc. cholesterol in rats (It) 37515

eff. on synthesis of cholesterol by liver & skin in vitro 41348

funct. illustrated by drawings & charts (Fr) 48951

in astatine 211 induction of mammary tumors in rat 8536

in pregn. 2986

iodine metab. cycle in thyroid funct., physiopathol. (Fr) 26977

partial radioiodine destruction of thyroid causing periodic abnorm. behavioral & metab. reactions in rat 46451

physiol. & pathophysiol. (Dut) 51405

pituitary-thyroid system, hypothalamic mediation 17234

postop., after subtotal thyroidectomy (Sp) 8180

regulation of thyroid funct. by physiol., pharmacol. & physiother. mechanisms, review (It) 1100

relation to erythrocyte phosphorus metab., review (Fr) 36200

relation to hypothalamic & pituitary funct. in rats 13271

relation to hypothalamic & pituitary funct., thyroid hormone in blood & iodine ingestion 49649

relation to kidney develop. in frog tadpoles, cytol. & histol. studies 49803

review 8132

thyroid-CNS relation (Cz) 38298

thyrotropic properties of pituitaries from normal & thyroidectomized animals, species specificity (Fr) 38632

variations in normal males 15061

***radiography***

indirect visualization by automatic radioisotope scanning system & representation on film 16347

pneumothyrography (Ger) 15867

***surgery***

anesth. & postop. compl. (It) 52937

excis. inhibiting induction of eosinopenia by tripelennamine in rat (Sp) 44595

excis., postop. depression (Ger) 22892

excis., postop. hoarseness 45921

excis., postop. laryngeal paralysis, surg. 9481

excis. technic for use on anuran tadpoles 49279

meprobamate sedation (It) 35013

perop. inferior laryngeal nerve inj. (Rus) 41503

perop. recur. nerve inj. & postop. hemorrh. & parathyroid insuff. (Sp) 43889

postop. acute infect. hepatitis 24417

postop. hemorrh. (Sp) 43890

postop. thyrotoxic synd., ther., thyroxin (It) 43463

postop. vocal cord paralysis, case reports 8009

preop. drug ther. (It) 52936

protection of recur. nerve in (Sp) 29349

***transplantation***

homografts (Ger) 29123

in ther. of thyroid defic. dis. (Fr) 32913

**THYROIDITIS**

acute nonsuppurative, review & case reports 11633

classif. (Fr) 9125

review (Sp) 29346

Riedel's struma (Fr) 2494

subacute non-specific (Fr) 10667

***blood in***

protein-bound iodine, prolonged elevation in subacute nonsuppurative dis. 12700

proteins in subacute thyroiditis 40673

***case reports***

followed by hyperthyroidism 30186

Hashimoto's dis. & related thyroid disord., clinicopathol. studies 50417

Hashimoto's dis. & Riedal's struma (Sp) 39135

Hashimoto's dis., in 15-year-old girl, clin. pathol. conf. 5735

Hashimoto's dis., pathol. & ther. (It) 53776

Hashimoto's dis. with polymyositis 44051

subacute (Fr) 2495

subacute, thyroid morphol. & radioiodine uptake (It) 29605

***immunology***

auto-antibodies 28980

auto-immun. in Hashimoto's dis. 4849

autoimmun. mechanisms in Hashimoto's dis. 52616

***pathology***

basement-membrane changes of thyroid follicle in Hashimoto's dis. & subacute thyroiditis, relation to high thyroid antibody titer 41813

Quervain's dis., histopathol. (It) 21452

***therapy***

ACTH (Rus) 31162

aminopyrine & salicylates in subacute thyroiditis 52609

dessicated thyroid in Hashimoto's dis. 50416

Hashimoto's dis. (Rus) 53460

prednisolone in Hashimoto's dis., case reports 9619

prednisone in subacute thyroiditis (Fr) 2481

subacute, corticosteroid & x-ray ther. 55274

***THYROTOXICOSIS see***
**HYPERTHYROIDISM**

**THYRONINE**

***effects***

on isolated frog heart, comparison with triiodothyronine & thyroxin 12492

***related compounds***

***see also* THYROXIN**

***see also* TRIIODOTHYRONINE**

3;3'-diiodo-L-thyronine metab. in thyroidectomized rats (Fr) 15088

3,3'-diiodothyronine, placental passage (Fr) 15113

eff. of horse-radish peroxidase on thyronine & its iodo- & hydroxy- deriv. (Fr) 26298

***THYROTOXICOSIS see***
**HYPERTHYROIDISM**

**THYROTROPIC HORMONE**

chem. & physiol., review 55292

review (It) 8648

stimulation tests, value in diag. of myxedema (Dan) 45511

thyrotropin test for determ. of degree of hyperthyroidism (It) 49595

***antagonists***

chlorpromazine & morphine blocking of thyrotropic hormone secretion in rats 36568

Lithospermum (Ger) 41727

***determination***

bio-assay on young chicks, modification of method 49274

electrophoretic properties (It) 49587

in human blood & urine, limitations of assay by radiophosphorus uptake & radioiodine depletion tests on chick thyroid gland 49255

***effects***

early metab. eff., comparison with triiodothyronine 19672

on ATPase & succinic dehydrogenase activities of myocardium of hypophysectomized rats (It) 37373

on blood sedimentation in hyperthyroidism (Ger) 46107

on growth & metastasis of exper. tumor grafts in rats (It) 27367

on hyaluronic acid in rabbit vitreous body 11697

on hypophysectomized patients, influence of potassium iodide admin. 50413

on hypophysectomized rats exposed to cold, influence of vitamin C admin. 14613

on iodine-containing cpds. in thyroid gland of guinea pigs (It) 36748

on iodine metab. response to cortisone in rats (Ger) 46590

on protein-bound iodine & blood cholesterol levels (Sp) 8691

on shock induced by burns, in guinea pigs (It) 6807

on thyroid gland funct. in humans, eff. of single intramusc. inject. 50414

on thyroid of chick 35122

ophthalmotrophic activity, assay by determ. of lacrimal gland uptake of radiosulfur-labeled sulfate in guinea pigs 35136

physiol. responses of middle-aged & elderly men to repeated admin. 50588

***in blood***

assay technic, evaluation in mice & men 3424

***metabolism***

anterior pituitary of rats, relation to thyroid activity (Fr) 3109

content in pituitary gland in humans 50415

pituitary of mouse, determ. (Fr) 54121

***physiology***

localization of secretion by intrathyroid grafts in guinea pigs (Fr) 26934

secretion in propylthiouracil-treated guinea pigs, eff. of exper. hypothalamic lesions 49246

**THYROXIN**

hyperthyroxinism, definition & proposed terminol. (Fr) 44996

***antagonists***

thymus extracts (Fr) 5766

***effects***

antisteatotic eff. with various lipotropic drugs in exper. fatty liver, sex differences in rats (It) 37321

deactivation of epinephrine in liver of thyroxin-fed dogs (Pol) 53141

mechanism of action, review (It) 8657

metab. eff., comparison with desiccated thyroid & triiodothyronine 4843

on acetyl phosphatase of rat liver & musc. 13771

on anti-inflamm. eff. of phenylbutazone on formaldehyde edema of rat paw & response to aprobarbital (Ger) 49341

on aspartic & glutamic aminopheraaes of rat liver 3439

on blood lipoprotein & cholesterol levels in humans 50421

on bone calcium & sodium in rats 5776

on chick embryos, histol. studies 12949

on circulating basophil count in rabbits 35087

on creatine & creatinine exchange in obesity before & after amino acid loading (It) 27357

on exper. lung tumors in mice (Ger) 34160

on L-glutamic acid decarboxylase activity in rat brain & L-cysteinesulfinic acid decarboxylase activity in rat liver after inject. (Fr) 37106

on growth & metastasis of exper. tumor grafts in rats (It) 27367

on hepatic desoxyribonucleic & ribonucleic acids in exper. fatty liver in rats on steatogenous diet (It) 37319

on hepatic glycogen in exper. fatty liver in rats on steatogenous diet, with & without lipotropic drugs (It) 37320

on hyaluronic acid in rabbit vitreous body 11697

on involuted zymogenic cells in hypophysectomized rats, admin. with cortisone & somatotropin 13945

on isolated frog heart, comparison with thyronine & triiodothyronine 12492

on metabolic rate, blood lipids & thyroid size & funct. in nontoxic goiter 15058

on myocardial adenylpyrophosphate, inorganic phosphorus & phosphocreatine content in thyroidectomized rats (It) 37518

on onset of corneal reflex in hypophysectomized tadpoles 44950

on ossification of caudal vertebra in hypophysectomized & intact rats 2374

on perchlorate-induced goiter in rat (Ger) 35124

on phosphorus & calcium metab., review (Fr) 25096

on radiophosphorus incorporation in kidney ribonucleic acid in rats (Fr) 26705

26942

on rate & steric course of enzymatic reduction of steroids 7136

on reduction of ring A of cortisone by rat liver 12549

on renal glycogen content in rats (Cz) 26514

on sensitivity to insulin- and tolbutamide-induction of convulsions in mice (Ger) 36925

on serum albumin metab., tracer study in myxedematous patients 50457

on succinate oxidation (It) 13963

on tensile strength & healing of wds., mechanism of action 35106

on tensile strength of healing wds. 39215

on transaminase activity of brain in rats (It) 335

on transport of phosphates across isolated intestinal wall (Ger) 25881

on ventilatory responses during exercise in rats 12523

on vitamin B content of hen's eggs (Fr) 25523

oxygen need changes induced by thyroxin admin. in hypophysectomized rats, eff. on erythropoiesis 12950

protective eff. in elementary yellow phosphorus pois. in rat 23993

dl-thyroxin on adrenocortical secretion in cats 46210

***in blood***

binding by serum globulin, measurement of capacity by simplified technic 50418

binding capacity of radiolabeled thyroxin by serum protein bodies, electrophoresis (Ger) 46087

erythrocyte & plasma ratio in duck, chick & chick embryo, radioiodine determ. (Fr) 38681

protein-bound in rabbit fetus 19548

resin uptake in pregn. & non-pregn. women, comparison, radioiodine determ. 40680

***in urine***

excretion in day-old chicks 35137

***metabolism***

analysis by radioiodine determ. 35126

brain & pituitary of male guinea pig, localization by radioiodine 15607

brain of guinea pig (Ger) 33976

degradation studies in thyroid dis. before & after ther. 4866

distribution after inject. into thyroidectomized rats, eff. of 2,4-dinitrophenol 35076

35077

eff. of estradiol, radioisotope determ. (Fr) 46594

excretion in bile, mechanism 6266

form. of extrathyroidal thyroxin in thyroidectomized dogs, eff. of diiodotyrosine (Sp) 18819

intrathyroidal synthesis, enzymic defects causing hypothyroidism & goiter, review 35707

kidney, liver & thyroid dis., disappearance rate of oral thyroxin (Hun) 52921

kidney, liver, musc. & spleen tissue from rats, metab. of thyroxin & its acetic & propionic acid analogues in vitro 49252

liver from rabbits in vitro, perfusion studies 49253

peripheral metab. of exogenous thyroxin in patients with treated hyperthyroidism 17070

secretion during pentothal anesth. in dogs (It) 36809

synthesis in toad tadpoles & adults 50524

turnover after intravenous admin. in supraventric. tachycardias 50419

***related compounds***

bromothyroacetic acids & bromothyronines, assay of biol. activity in accelerating metamorphosis of tadpoles 37108

deiodination during desalting by electrodialysis of thyroxin & related cpds. 20752

monoiodotyrosine & diiodotyrosine levels in rat thyroid after admin. of radioiodine 11906

ther. of arteriosclerosis, eff. on serum cholesterol & lipoproteins, review 49932

thyroxamine determ. in thyroid gland & blood plasma (Ger) 55564

thyroxin analogues, anti-goitrogenic & calorigenic activities in rats 49247

thyroxin analogues, suppression of radioiodine uptake by thyroid gland in rats 49251

***therapeutic use***

goiter (It) 26633

hypo- & hyperthyroidism, physiol. activity 14245

postop. thyrotoxic synd. (It) 43463

schizophrenia 3386

thyroid dis., indic. & mechanism of action (It) 27359

**TIBIA**

cultivation of isolated embryonic rat tibiae on chemically defined medium 19536

***abnormalities***

absence of surg. ther. & remote results (Fr) 8099

***anatomy and histology***

attachment of ligamentum patellae 16791

***blood supply***

of growing rabbit's tibia 50409

***cysts***

solitary unicameral bone cyst in newborn inf., case report 52620

***diseases***

epiphyseal disord. of proximal tibia 25691

pseudarthrosis, congen. 40608

pseudarthrosis of shin, congen., early x-ray aspects (Pol) 53132

***dislocation***

peroneotibial diastasis, diag. & ther. (Sp) 21248

simple dislocation of superior tibiofibular joint, case report 50399

***foreign bodies***

part of deer antler in epiphysis (Ger) 39400

***fractures***

avulsion fract. of tuberosity, osteosynthesis with metal nail (Rus) 45193

closed pronated fract., surg. (Rus) 45689

Dupuytren's fract. (Sp) 20662

extension fract. in child., differ. diag. from osteomyelitis & osteogenic sarcoma (Cz) 38319

fatigue fract. of shaft (Ger) 11406

intra-articular, of distal epiphysis, surg. (Rus) 9877

intra-articular, of proximal end, management (Rus) 45692

intra-articular, of tibial plateau, ther. (It) 19222

multiple, surg., osteosynthesis (Ger) 51700

of tuberosities & plateaus (Por) 49726

shaft, osteosynthesis with bone shavings (Ger) 7031

surg., closed medullary nailing with tube slit nail (Ger) 38436

surg. indic. (Cz) 35037

surg., osteosynthesis (Dan) 52715

surg. osteosynthesis, remote develop. of sarcoma at fract. site 48782

upper end, anatamopathol. mechanisms & surg. (Fr) 29131

***innervation***

diaphyseal (Rus) 47870

***neoplasms***

Ewing's sarcoma, with recur. metastases to lung, 10-year survival 25045

giant cell tumor of upper end, surg., Juvara operation (Fr) 24244

osteogenic sarcoma, femorotibial in dog, case report 40411

osteogenic sarcoma, radium ther. & surg. (Fr) 17995

sarcoma, remote develop. at fract. site after surg. osteosynthesis 48782

**TIC**

***see also*** **TRIGEMINAL NEURALGIA**

abnorm. movements in spasmodic torticollis, surg. (Fr) 9157

hemifacial spasm caused by basilar impression with Arnold-Chiari malform., surg. (Fr) 43119

jumping tic, described in R. M. Rilke's novel Diary of Malte Laurids Brigge, psychol. aspects (Ger) 44214

***in infant and child***

antistreptolysin O titers (It) 27660

diag., Koch's draw-a-tree test (It) 27674

diag., tsedek test (It) 27676

***therapy***

procaine, intracutaneous admin. in convulsive tic (Ger) 16114

**TICKS**

Aponomma elaphensis from Trans-Pecos region of Texas 51011

Argas brumpti in Kenya & Tanganyika 39180

Argas persicus in Tanganyika 39181

brucellosis transm. (Rus) 34640

Dermacentor marginatus, duration of fasting (Rus) 18889

Dermacentor pictus occurrence in Germany (Ger) 34316

eradication by DDT dusting of underbrush in endemic areas of epidemic encephalitis (Rus) 33645

exper. infect. with eastern encephalomyelitis virus, elimination of virus in their excreta 24211

grown in hanging-drop tissue cultures 46780

Haemaphysalis leachii leachii from Egypt 5607

in focal areas of Russian tick-borne encephalitis (Rus) 18888

Ixodes persulcatus, eradication in Russia (Rus) 34627

Ixodes persulcatus, movement (Rus) 18887

Ixodes plumbeus, properties of tick-borne encephalitis virus isolated from ticks collected from sand martin (Rus) 33648

Ixodes ricinus, infect. with Western North American equine encephalomyelitis (Cz) 38585

larvae & nymphs on small animals, determ. (Cz) 36570

Rhipecephalus rossicus, allergic reactions in subjects vaccinated against tularemia bites of infected ticks (Rus) 55813

tick bites, clin. manifest. (Bul) 45308

various species on Cape Verde Islands (Por) 12904

**TIME**

factor in growth of living substances 49346

**TIME SENSE**

future time perspective, correlation with optimism & academic achievement 16506

in child. of various ages (Fr) 25097

in emotional disturbed adolescents 40729

in emotionally disturbed & normal child. 16493

kinesthetic cues in develop. of time concepts 17353

neurophysiol. aspects (Ger) 33869

time agnosia with color agnosia & word blindness, clin. & postmortem pathol. (Ger) 36484

time judgment, relation to aesthetic preference & need for achievement 50111

***effect of drugs on***

amphetamine, secobarbital & placebo, comparison 26083

**TIN**

***determination***

in food products, cacotheline method (Rus) 33637

organo-tin deriv., determ. by infrared absorp. technics (Fr) 1062

***effects***

anthelmintic activity of various inorganic tin cpds., exper. & clin. study (Fr) 54887, 54888

***injurious effects***

dibutyl-tin dichloride causing biliary & hepatic lesions, exper. study 5639

skin burns & irritation caused by contact with butyl tin cpds. in process workers 26046

stannosis, clin. manifest. 4237

stannosis in foundry workers & exper. pathol. in guinea pigs 4236

***metabolism***

histochem. detection after ther. admin. of various tin cpds. (Fr) 54889

***poisoning***

diethyl-tin diiodide, medicolegal aspects in France (Fr) 44768

***toxicity***

bis(tri-n-butyltin) oxide 32

***TINEA*** ***see*** **RINGWORM**

**TINNITUS**

aurium, diag. & ther. (Cz) 14842

etiol. & ther. (Ger) 49042

***case reports***

objective (Bul) 20781

with musical hallucinosis in man who heard speech as music (Fr) 44657

***diagnosis***

psychosomatic aspects (Fr) 31929

Valsalva test in locating origin of noise (Sp) 23924

***etiology and pathogenesis***

role of cholesterol & protein metab. disord. (Fr) 31992

***therapy***

correction of buccal occlusion (Fr) 31936

inplacen (Ger) 3956

mixture of heparin & heparin-like substances (Ger) 27746

x-irradiation of diencephalo-hypothalamic region (It) 30349

**TISSUE CULTURE**

adaptation of explanted heart embryonic tissues to phenobarbital & anticonvulsant trimedal (Cz) 38238

amino acid metab. in human cell cultures 49445

angioma from eye (Rus) 25744

arginase & rhodanese activities of various cell strains after long culture in vitro 16950

arginine requirements of chick embryonic heart fibroblast cultures for growth, replacement of arginine by related cpds. 4763

bone tissue cultures, physiol. & behavior 6251

carbohydrate requirements of human cell cultures for growth 4742

carbon dioxide requirements for growth & maintenance of permanent strains of fibroblasts 16944

catalase requirements of mammalian cells in culture 17247

cell contacts in tissue culture, interference microscopy 27399

cell division of macrophages of liver & spleen mouse cultures, microcinematography (It) 34420

cell migration in moth ovary explant cultures (Fr) 38666

cellophane-strip technic for culturing tissue in multipurpose culture chambers 40590

chick embryo anterior pituitary & hypothalamus, measurement of gonadotropic activity (Fr) 26900

chick embryo fibroblasts & myoblasts, cytophotometric determ. of desoxyribonucleic acid content after treatment with desoxyribonuclease (Fr) 48791

chromosomal count in 5 long-term cultures derived from non-leukemic human peripheral blood 26455

chromosome numbers & morphol. in cultures of various murine cell strains 5431

chromosomes of Chinese hamster cells 5428

collagen gel for culture of human embryo cells (It) 54242

connective tissue, amitosis in origin of binucleate cells, review (Ger) 34224

continuous culture of human emybryo cells (It) 9934

critical eff. of oxygen tension on rate of growth of animal cells in continuous suspended culture 42961

crystalline lens culture, description of medium & eff. of various constituents on cell division in epithelium 24573

cytotoxicity in human cell cultures as primary screen for detection of anti-tumor agents 26451

Detroit strains of human epithelial-like cells from nonleukemic peripheral blood 25926

differences in inositol requirements of cultures of HeLa, conjunctival & amnion cells 31312

eff. of human cell strains on blood proteins in rabbit sera in vitro 24830

eff. of inoculum size on cell proliferation in protein-free chem. defined medium 5440

eff. of trypsinization by Dulbecco-Vogt method on catalase activity, anaerobic carbohydrate metab. & resp. of kidney cell cultures (Ger) 34233

eff. of vaccinia virus on HeLa cells in tissue culture (Pol) 23190

elimination of plasma in culturing human neoplastic tissue 49800

embryonic mammalian gonads 21703

energy costs of growth in continuous metazoan cell cultures 2666

enzyme activity levels in mammalian cell cultures 4758

factors affecting growth & glycolysis in tissue culture 14101

fibril form. in stationary cultures of mouse lung cells 31331

fibroblast cells of mouse, eff. of absence of glutamine in medium 5443

fibroblast cells of mouse, eff. of cell growth on chem. constituents of culture medium 5430

fibroblasts from rat embryo, methods & media (Sp) 31823

fibroblasts of chick embryo heart, non-requirement of glutamine in medium 4178

fibroblasts of chick embryo heart, proliferation in various media 16297, 37413, 40069

Filatov's method, metab. aspects (Rus) 37214

glycoprotein synthesis in non-isoncotic animal tissue culture (It) 13994

growth conditions for Ehrlich mouse ascites carcinoma cells in vitro (Ger) 23618

growth of primate & nonprimate tissue culture cell lines in x-irradiated & cortisone-treated rats 38073

harvesting mammalian cells grown in tissue culture, methods 31417

HeLa cell cultures, changes in physiol. activities during growth 16462

HeLa cells, dependence of their embryonic inductive action on growth media 40709

HeLa cells, importance of growth medium on behavior & inductive action of cells 24815

HeLa cells, ultraviolet motion picture studies of eff. of desoxyribonuclease & ribonuclease 31305

hist. note 28295

human amniotic & chorionic cells (Fr) 15138
human bone marrow cultures, method for isolation of single cells & prop. of clones 31287
3 human cell strains propagated in serial culture, enzyme activity (It) 44823
3 human cell strains propagated in serial culture, morphol. (It) 44822
human embryo cells cultured on collagen gel, comparison with cells cultured on glass (It) 54242
human kidney cell culture on collagen gel (It) 9365
human leukemia factor, in chick embryo chorionic tissue (Rus) 1759
human uterine fibroblasts, synthesis of cholesterol 31295
in cancer chemother. screening 2687
in cancer research 2685
in virol., review (Ger) 55446
induction of tumors by tissue culture fluids 31279
isolated embryonic rat tibiae on chemically defined medium 19536
laboratory of National Naval Med. Center, Bethesda, Maryland 6516
lactic dehydrogenase prod. in tissue culture of normal, transformed & malignant human cell lines 20753
long-term cultivation of animals tissue cells in large culture 49443
long-term culture of euploid cells from humans & animals 28329
lymphoblasts of mouse, eff. of calcium & magnesium on growth & morphol. 2703
lymphocytes of human fetal tissues studied by phase-contrast motion pictures (Fr) 38744
maintenance of continous lines of human cells by bead-in-tube cultures 6115
massive fluid-suspension cultures of mammalian tissue cells, general characteristics of growth & trends of population 5424
massive fluid-suspension cultures of mammalian tissue cells, glucose utilization & cell proliferation 5425
metab. behavior of clone of mouse liver cells 2700
metab. stability of nucleic acids in cultures of pure strains of mammalian cells 1647
method for tissue culture of cortical neurons of frontal lobes of rabbits & monkeys (Fr) 44751
mitosis in cultures of rat kidney medulla, stimulation by serum from unilaterally nephrectomized rats 31399
multilayered cells on agar substrates for study of microepidemiol. & physiol. problems 9571
neoplastic transform. of normal cells in vitro 2667
nutrition of mammalian cell cultures, review 20028
nutritional requirements & metab. activity of human & animal cells in cultures 47900
oocyte in chick embryo ovary, microcinematography (It) 34427
outgrowth pattern of cultures of dent. papilla from human & rat fetuses & newborn kittens 17198
peritoneal exudate cells of sensitized guinea pigs, eff. of tuberculin 5149
phosphorus metab. in x-irradiation-induced giant cells in HeLa cell cultures 27410
plant tissue cultures, review 25122
propagation of mammalian cells in 20-liter stainless steel fermentor 1300
protein & nucleic acid determ. in cultures, rapid dissolution method for suitable cells 1369
protein growth factor for mammalian cell cultures, isolation from bovine serum 4759
quantitative technic for studying heart potentials using chick embryo hearts 6117
response of carbon dioxide-deficient human cells in vitro to normal cell extracts 44085
selection of cell lines in tissue culture by use of cytotoxic antisera 19707
sex chromatin in human tumor tissue culture 3512
specificity of anti-heart serum & reactivity of different cell types, study in tissue cultures 31412
successful develop. & birth of mice cultivated in vitro as early embryos, technic 19561
technic for automatic trypsinization of animal tissue (It) 53822
technic for growing corneal epithelial, stromal & endothelial tissue separately 34574
testis monolayer cultures, simplified prod. & exam. methods 5644
ticks grown in hanging-drop tissue cultures 46780
tissue resp. & enzymatic reactions in fibroblast & HeLa cell cultures (Ger) 32680
tubule form. in cultures of rat brain by monkey kidney cells 19630
viral carrier state in tissue culture systems, review 8334
without plasma (Rus) 22710

***apparatus and instruments***

glass culture chamber for use in time-lapse cinematography 4897
holding device for safe closure of test tubes (Ger) 24524
Rose's tissue culture chamber, adaptation for serum agar cultures 10248

***effect of drugs on***

actinomycin D on cultures of normal & neoplastic cells 5420
adenine 1-N-oxide & its deriv., biol. eff. 40513
6-aminonicotinamide on fibroblasts in vitro (It) 9333
4-aminopyrazolo (3,4-d) pyrimidine reversal of cellular damage in HeLa strain 45380
antitumor substances on HeLa cell cultures, comparison 16450
carbohydrases, proteases & ribonuclease on cell detachment from culture flask (It) 37358
colchicine on enzymatic activity of Rhesus kidney fragments 3477
cytotoxicity of anti-tumor agents for normal human & animal cells in 1st tissue culture passage, review 26450
demonstration of tuberculin hypersensitivity in vitro 5615
epinephrine on neurofibril form. in adult rabbit cortical neurons in tissue culture 52299
erythromycin & oleandomycin on fibroblast culture (Ger) 35566
ethionine & methionine, mitotic & cytol. changes of fibroblasts 3497
glycine, purines & thymine deriv. on growth of mammalian cell cultures 40555
growth inhib. by various cpds., screening on cancer tissue culture & chick embryo heart culture 2717
heterologous immune serums on HeLa cell cultures 5437
hydrocortisone induction of fat form. & glycolysis in tissue cultures 39235
nonessential amino acids on growth of single cells in dialyzed serum media 54403
19-nor-steroids on cell growth in vitro (Ger) 32293
sarkomycin & its deriv. on HeLa cell cultures 16451
thyroid hormones on carbohydrate metab. in chick embryo fibroblasts 13820

***effect of radiations on***

alpha irradiation of parts of single cells in tissue cultures, technics & dosimetry 39279
cellular changes 13262
gamma irradiation from cobalt$^{60}$ on human amnion cells in vitro 34407

## TISSUE EXTRACTS

*see also* LIVER EXTRACTS

adenine nucleotides & hexosephosphate esters determ. (Ger) 34024
desoxyribonucleic acid synthesis in extracts of mammalian cells 7244
pharmacol., *review* (Ger) 29418
prep. of antigenic cell-free extracts capable of provoking transpl. immunity 22308

***effects***

catalase inhib. by boiled tissue extracts 13809
corneal extract, on cicatrization of exper. corneal wds., comparison with astatic acid glycosides (Fr) 48872
lipoid extracts of mammary gland & placenta, chemomorphotic eff. on ovaries & uterus of young rats (It) 29627
on carbon dioxide-deficient human cells in vitro 44085
on exper. leukosis (Ger) 41601
on histamine release from mast cells 19498
on M. tuberc. (Ger) 25795
physiol. eff. of bovine embryo extracts in aged, ther. applications (Fr) 54898
siccacell on heterohemagglutination titers (Ger) 6673

***therapeutic use***

cancer of breast & female genitalia, with drug & radiother., value & limitations (Ger) 32658
chick embryo extract, in infantile dystrophy, eff. on weight & erythropoiesis (It) 39527
claudex aerosol in pulm. hemorrh. (Ger) 22349
survival after surg. in cancer of female genitalia (Ger) 3736

## TISSUE THERAPY

cell ther., relation to pituitary implantation (Ger) 6685
in geriatrics, review (It) 3692
lyshepar (Ger) 39959
Niehans' fresh cell ther., lay & scientific evaluation (Dut) 52479
placental extracts & implantation of placental fragments in surg. 10493
review (Ger) 39965

***complications***

dry cell ther., postadmin. develop. of acute demyelinating encephalitis (Ger) 10998
serum sickness, serol. studies (Ger) 38875

***effects***

fresh placenta on skin homografts in guinea pigs & rabbits (It) 24933

***experimental***

eff. on thyroid funct., with sleep ther. (Rus) 31150

***in various diseases***

amenorrhea & female sterility, siccacell ther. (Ger) 16106
arthrosis of hip, knee & shoulder, intra-articular & peri-articular placental tissue ther. (It) 36787
biogenic stimulators in cancer, comparison with cytotoxic agents (Ger) 4033
biogenic stimulators in ringworm of foot (Rus) 10897
biogenic stimulators in skin dis. (Rus) 45874
dry cell ther., Niehans technic, in male sterility (Ger) 52211
dysentery in child. (Rus) 20285
fresh cell ther. in rheum. dis., Otto Zajicek method (Ger) 49878
leukopenia due to radiother. (Rus) 10833
lyophilized embryonic tissue (Fr) 41135
placental tissue implantation in postgastrectomy duodenal fistula (Ger) 15336

## TITANIUM

***effects***

titanium dioxide suspension of blood platelets after intravenous inject. in rats 46810

***therapeutic use***

titanium dioxide-containing ointment base pasta cordes in skin dis. in inf. (Ger) 42352

*TOADS see* FROGS AND TOADS

*TOADSTOOLS see* MUSHROOMS

## TOBACCO

*see also* NICOTINE

*see also* SMOKING

abscission in tobacco plants, control by interaction of methionine with indolacetic acid 31389
aromatic hydrocarbons from cigarette smoke, carcinogenicity for mouse skin 5436
cigarette smoke eff. on cardiovasc. hemodynamics & oxygen utilization in dogs 5740
cigarette tar & smoke, eff. on chemically induced liver carcinogenesis in rat after intraperitoneal admin. 16344
eff. of hexane solubles in tobacco on polycyclic hydrocarbons in cigarette smoke 32346
eff. of potassium phosphate on organic acid metab. in cultures of excised leaves 40481
genetic plant tumors in Nicotiana, review 13264
growth of isolated roots in vitro, eff. of ammonia salts (Sp) 49420
historical & current use of tobacco plant 10840
insects in So. Rhodesia tobacco culture 35487
leaf proteins, separation by centrifugation across density boundary 9554
organic acid composition of healthy & of virus-infected tobacco plants 10849
oxygen uptake & glycolic acid synthesis of leaves in vitro, role of glycolic acid oxidase 48480
1,2-propanediol addition to tobacco for improvement of storage (Ger) 13654
resist. to cucumber mosaic virus 22588
smoke pois. in rats, eff. on phys. efficiency (Pol) 30382
tobacco alkaloids, separation by gas chromatography 19546
tryptophan conversion to nicotinic acid, failure to demonstrate by isotope technics 40548

***therapeutic use***

pellagra in popular med. in 19th century (Bul) 32747

*TOCOPHEROLS see* VITAMIN E

## TOES

*see also* HALLUX

***abnormalities***

claw toes, surg., flexor-extensor transpl. 4798
curly toes, value of ther. 6149
hypertrophy of 2nd toe with masculin pseudohermaphroditism & congen. abnorm. of extremities, case reports (Fr) 19349

***diseases***

exostoses, subungual (Ger) 10921
osteomyelitis of 5th toe, surg. 16756
sesamoid bones (Ger) 25352
synarthrosis of distal & accessory phalanx on 2nd toe left foot, surg., case report 4595

***gangrene***

ther., ultrasonics, case report 4592

***neoplasms***

lipoma of 4th toe, surg., case report 16744

*TOLAZOLINE see* SYMPATHOLYTICS

*TOLBUTAMIDE see* ANTIDIABETICS

## TOLUENE

***related compounds***

N,N-diethyl-m-toluamide, pharmacol. & toxicol. studies 55011
p-nitrotoluene, enzymic oxidation in rabbit liver homogenates 40557
p-toluene sulfonic acid diag. of disseminated lupus erythematosus 24101

## TOMATOES

prep. of carbon-labelled tomatoes (Ger) 46182
Xanthomonas vesicatoria infect., biochem. aspects (Uk) 29540

***effect of drugs on***

atropine & 2,4-D on leaf accumulation of atropine-type alkaloids 16723
2-diethylaminoethanol, growth inhib. of excised tomato roots 54414
2,4-dinitrophenol on ethylene evolution, resp. & ripening of tomato fruit 48446

*TOMOGRAPHY see* ROENTGENOGRAPHY

**TONGUE**

*see also* GLOSSITIS

*see also* TASTE BUDS

***abnormalities***

lingua ectopia of thyroid gland, diag. & ther. (It) 36723

thyroglossal, surg. & prev. of recur. (Ger) 21955

***blood supply***

vasodilatation, relation to plasma kinin form. 51097

***diseases***

abnorm. movements in spasmodic torticollis, surg. (Fr) 9157

actinomycosis, antibiotic ther. & surg. (Pol) 30317

atrophy caused by ligation of external carotid for cervical ganglion exeresis during laryngectomy, with deglutition disord. (It) 52111

black hairy tongue, ther., decamethylene bis-4-aminoquinaldinium 53290

brucellar granuloma (It) 54363

Melkersson-Rosenthal synd. (It) 29589

Melkersson-Rosenthal synd. causing retrobulbar neuritis & trigeminal & vestibular nerve paralysis, case report (Ger) 28884

Melkersson-Rosenthal synd., clin. findings (Pol) 44185

Melkersson-Rosenthal's synd. surg., resection of labial mucosa (Fr) 13023

paresthesia, glossodynic (Fr) 21348

purpura, in Bateman's pellosis in aged (It) 9308

tuberc., with pulm. tuberc., ther. (Pol) 30788

***embryology***

exper. demonstration of tongue muscle origin in chick embryos 40781

neuroblast migration during embryogenesis (Rus) 47882

***neoplasms***

base of tongue, radiother., betatron 22 MeV (Fr) 47489

base of tongue, statist. in France (Fr) 36154

carcinoma of lingual thyroid, radioiodine ther. 51329

collision tumor, case report 22477

exper. induction in mice 17223

fibrosarcoma, case report 12715

glioma, congen. in inf., histopathol. (Hun) 41642

glomangioma, case reports 44679

hosp. statist. 38000

in pregn. assoc. with internal carotid artery ulceration, case report (Fr) 26247

neurofibromatosis, congen. (Ger) 55665

rhabdomyoma purum, benign. 5620

spinocellular epithelioma of base of tongue, surg. & recovery, 5-year follow up (Fr) 13077

surg. technic (Por) 21056, 21059

surg. with radiother. (Ger) 32645

ther. (Rus) 33582

***physiology***

chem. substances, spectometry (Sw) 45365

control of tongue muscles in cat 49349

***radiography***

in lateral skull x-rays without contrast media (Ger) 23054

***wounds and injuries***

self-mutilation in inf. 41065

*ONOMETRY see* INTRAOCULAR PRESSURE

**TONSILLECTOMY**

adenotonsillectomy, postop. voice quality 5816

antistreptolysin O titer & leukocyte tests after massage of tonsil site in tonsillectomized rheum. patients (It) 44379

eff. on course & outcome of nephritis in child. (Hun) 43561

head-low position technic 39298

in abscess tonsillectomy 114

in Lermoyez synd. (Ger) 23048

in peritonsillar abscess, statist. 35320

in ther. of secretory otitis media in child., with myringotomy 31474

in tonsillitis & tonsil hyperplasia with primary pulm. tuberc. in child, statist. (Ger) 35801

indic. & contraindic. (Por) 8760

internal med. indic. (Ger) 4056

ligation of vessels amygdaloid fossa, technic (Sp) 33921

parental pressure for surg. in child. 51050

postadenotonsillectomy home care 39435

suturing of pillars of velum palatinum (Sp) 31004

***anesthesia and analgesia***

adenotonsillectomy, divinyl ether anesth. with belladonna-plexonal premedication (It) 42750

hazards & principles in child. 2632

hypnosis (Por) 18825

isopropyl chloride anesth. in child (Ger) 49036

Sluder's technic, use of combined thio- & oxy-barbiturates in general anesth. (Fr) 3080

technic (Por) 13614

***apparatus and instruments***

instrument for vasc. ligation (Bul) 41578

scalpel (Ger) 27749

***complications***

hemorrh. during surg. (Fr) 53252

hemorrh., ther. (Bul) 41572

polio. (Fr) 21349, 32002

polio., prev. by vacc. 21736

postop. exsanguinating hemorrh. in adenotonsillectomy in child, fatal case 11740

postop. hemorrh., incidence & prev. 10413

postop. hemorrh., prev. & local hemostasis with topostasin foam 277

postop. hemorrh., surg., stitching technic in suturing tampon into tonsillar sinus (Ger) 27750

postop. loss of taste, medicolegal case report (Ger) 23045

postop. pain, ther. (It) 52115

postop. pulm. abscesses 20539

postop. vomiting, prev. with cortisone (Ger) 19324

profuse salivation (Fr) 1015

subcutaneous emphysema of cheek 23449

**TONSILLITIS**

chronic, microbiol. & determ. of serum mucoproteins, C-reactive protein & antistreptolysin (It) 30686

focal infect., diag., compl. & surg. indic. (It) 42755

***blood in***

streptoc. antihyaluronidase activity (Rus) 20275

***complications***

chronic maxillary sinusitis, unrecognized, with hypertrophy of Waldeyer's ring in child. (Fr) 23899

hypertension caused by streptoc. infect. of pharynx & tonsils (Rum) 43991, 43994

psychoses in child. & adolescents (Rus) 34794

rheum. (Fr) 29208

rheum. fever caused by streptoc. tonsillitis (Fr) 54170

rheum. in child., incidence in community near Bucharest (Rum) 31137

streptoc. infect. with coronary involvement (Ger) 10928

***diagnosis***

electro-focal-test in chronic tonsillitis (Ger) 27743

focal infect., diag., antistreptolysin reaction (Ger) 49034

focal infect., serum antistreptolysin O test (It) 52942

***epidemiology***

in factory workers in Russia (Rus) 45125

in Russia, caused by Listeria (Rus) 14650

***in infant and child***

physiol. changes in child. (Rus) 43563

ther., 3-sulfanilamido-6-methoxypyridazine (It) 42779

***immunology***

phagocytic reactions before & after tonsillectomy (Rus) 45732

***manifestations***

renal, test of albuminuria after electrical stimulation of tonsils (It) 19268

***microbiology***

(Rus) 34651

(Ser) 10915

streptoc. focal infect. (Ger) 38971

***pathology***

lymphatic vessels in chronic cases (Rus) 45731

***physiology***

eff. on form. & course of prolonged septic endocarditis (Rus) 55226

skin capillary resist. in cond. of different influences on tonsils (Rus) 55225

***therapy***

antibiotics, indic., compl. & recur. 2264

antibiotics, sensitivity of microflora of pharynx (Rus) 20276

dosulfin 53289

med. & surg. ther., comparison & selection (Sp) 53323

phenoxymethyl penicillin in foodborne epidemic 2159

prednisone resist. of rheum. tonsillitis, case reports (It) 44380

***transmission***

contagiosity (Rus) 32555

**TONSILS**

*see also* ADENOIDS

plasmocyte levels & antistreptolysin O determ. in blood & parenchyma (Pol) 30307

***abscess***

peritonsillar abscess, surg. tonsillectomy, statist. 35320

***anatomy and histology***

lymphatic vessels in normal human & in chronic tonsillitis (Rus) 45731

***blood supply***

distribution of intra-tonsillar & para-tonsillar arteries & veins (Fr) 44674

***diseases***

hypertrophy, polypous (It) 37313

***extracts***

calf tonsil extract, eff. on reaction of rabbit organism during immun. (Fr) 9063

eff. on inf. (Fr) 9074

eff. on leukocyte count (Ger) 51805

pharmacodynamic properties of tonsil extracts in animals (Fr) 36156

***gangrene***

case report 50752

***microbiology***

actinomyces & yeasts (Ger) 36438

adenovirus, isolated strains (Hun) 29185

streptoc. in tonsils of slaughtered swine (Ger) 46267

***neoplasms***

caused by inhalation of hot vapor from molten slag in indust. accid. (Ger) 34193

diag. & ther. 7472

Hodgkin's dis. (Rus) 45741

lymphosarcoma 43725

malignant, x-ray ther. (Ger) 41772

melanoma, bilateral malignant 50751

metastatic, from hypernephroma causing recur. tonsillar hemorrh. (Ger) 23034

nasopharyngeal & tonsillar tumor in acute leukosis in 9-year-old boy (Fr) 13083

radiother., statist. 12680

sarcoma, round cell extending into neck, in 13-year-old boy (Ger) 23035

x-ray ther., statist. 12681

***pathology***

histol. lesions in exper. rheum. arthritis in mouse (Ger) 35197

histopathol. in agranulocytosis (Ger) 42254

histopathol. of lingual tonsils (It) 30351

in rheum. fever & chronic tonsillitis (Rus) 25728

Waldeyer's ring & related problems (Fr) 23903

***physiology***

content & possible form. of antibodies after Salmonella typhi vacc. (It) 36797

eff. of adrenal cortex hormones & x-rays (Ger) 36447

in water metab. (Fr) 47471

vitamin C content & its possible role in tonsillogenic immunol. processes (It) 30347

**TOOTH GERM**

outgrowth pattern of cultures of dent. papilla from human & rat fetuses & newborn kittens 17198

***diseases***

osteomyelitis (Ger) 42396

***transplantation***

homotranspl. in rats 47546

*TOOTHPASTE see* DENTIFRICES

*TOPECTOMY see* PSYCHOSURGERY

**TORTICOLLIS**

spasmodic 47363

***case reports***

as neurol. compl. of whooping cough (It) 32126

spasmodic torticollis with abnorm. movements of face & arm, surg. (Fr) 9157

spasmodic, with involuntary changes of head posture 20830

***complications***

musc. torticollis with cranial asymmetry caused by cervical scoliosis, theory (Ger) 34254

***experimental***

induction by mesencephalic lesions in monkeys 50949

*TORULA see* CRYPTOCOCCUS

*TORULOSIS see* CRYPTOCOCCOSIS

**TOUCH**

*see also* HYPESTHESIA

eff. of ablation of somatic receiving areas I & II of cerebral cortex in monkey 40736

eff. of corpus callosum section on tactile discrimination in cat 50941

eff. of partial section of corpus callosum on differentiation from visual & auditory stimuli in dogs (Rus) 15758

eff. of serial temporal & parietal lesions on tactual discrimination in monkey 4930

Euclidean-Pythagorean structure & quadratic metrics in perceptual manifold of cutaneous tactile sense 35393

relation of tactile receptors to position sense accuracy of human shoulder 28555

sensitivity in judgment of size by finger-span 782

tactile sensation in human volar skin, eff. of inhib. of nonspecific cholinesterase on perception 17528

train. of tactile-vibratory sensitivity in deafness (Rus) 10755

**TOWN PLANNING**

*see also* HOUSING

in Gt. Brit. (Rus) 3811

**TOXEMIA**

*see also* PREGNANCY TOXEMIAS

infect. enterotoxemia of sheep caused by Clostridium perfringens type A 4619

**TOXOCARA**

canis & cati, prevalence in New York City area 7447

**TOXOPLASMA**

antigens in complement fixation (Pol) 29518

gondii, morphol., physiol. & distribution of infect. in animals in Ecuador (Sp) 31828

gondii, virulence of different strains for various test animals (Fr) 1421

gondii, virulence studies on monkey kidney tissue cultures 24568
isolation from naturally infected suspected hosts, comparison of various technics 094
serodye test, technic of titer control (Ger) 23167

TOXOPLASMOSIS 27092
(Fr) 8309
(It) 3635
clin. & ther. aspects (Fr) 54614
eye, review 12437
in animals, review 38189
naturally acquired toxoplasmosis in gray squirrel & its bearing on laboratory diag. of rabies 50716
parasitol. (Fr) 54615
review 7878

*blood in*
proteins, electrophoresis (Pol) 33700

*case reports*
acquired (Dut) 1615
congen. (Dut) 52550
congen., CSF & pathol. exam. (Rus) 18882
congen., in 60 year old man (Nor) 54954
eye, recovery of low virulence strains of toxoplasma 11679
lungs (Dan) 10644
lymph node & musc. involvement, pathol. 23941
with eye infect. & Vincent's infect. 10257

*complications*
cerebral calcification & choroidoretinitis 30201
chorioretinitis (Bul) 28709
eye dis., diag. & pathol. 23864
intracranial calcifications, x-ray images (Fr) 54617
reticulosis (Bul) 32782
schizophrenia, relation to lysergic acid form. (Sp) 39440

*diagnosis*
hemagglut. & dye tests, comparative cases-finding value among Trinidad natives 893
Sabin-Feldman & complement-fixation reactions in blood samples from syphilitics (Sp) 13893
Sabin-Feldman test, clin. & hematol. sympt. in patients with positive test (Ger) 27178
Sabin-Feldman test, reproducibility & validity (Ger) 25146
specificity of Sabin-Feldman test (Pol) 33702
Toxoplasma dye test, specificity 46063

*experimental*
develop. & nature of pseudocysts & cysts of Toxoplasma gondii 22292
eff. of hyaluronidase on Toxoplasma gondii infect. in mice (Pol) 33708
eff. of pyrimethamine alone & with marbadal with sulfamerazine in mice (Ger) 34329
eff. of pyrimethamine & sulfadiazine on toxoplasmosis of eye & brain in guinea pigs 93
separation of Toxoplasma organisms from exudate cells of host by short-term sonic vibrations (Ger) 34328

*immunology*
acquisition of immun. by newborn rat 3521
antibody detection by dye test in blood donors (Por) 3703
complement fixation, comparison of antigens (Pol) 33703
complement fixation tests with peritoneal exudate antigen 5143
immune serum, prod. in rabbits (Pol) 33704
immunoelectrophoresis in rabbits (Ger) 46258A
Toxoplasma antibodies in obst. patients 5144
toxoplasmin reaction (Cz) 26546

*in infant and child*
causing encephalomyelitis, with multiple abnorm. (Ger) 21946
congen. (Fr) 54142
congen., case report (It) 43477
congen., in 4-month inf. in Sicily (It) 43473
congen. recur. develop. (Fr) 25469
in Colombia (Sp) 31883
prev. in newborn (Fr) 53031

*in pregnancy*
(Pol) 33705
causing abortion & abnorm. (Pol) 33706
causing deafness in newborn 11731
causing ment. retardation in inf., case report (Pol) 39626
hazards to fetus (Ger) 11448
hosp. statist. (Pol) 33707
prev. (Fr) 53031
prev. with sulfonamides (Ger) 34576
ther., daraprim & sulfonamides in latent cases (Pol) 33677

*manifestations*
chorioretinitis in congen. toxoplasmosis, significance in early diag. 4478
ocular (Fr) 54618

*pathology*
lungs, focal cell reticulosis (Dan) 22435
pathol. anat. (Fr) 54616

*statistics*
glandular toxoplasmosis 6143
in domestic & wild animals in Czech., serol. diag. (Cz) 38170

*therapy*
3-(p-amino-benzolsulfonamido) 2-phenyl-pyrazol (Ger) 3276
drug ther. in adults (Ger) 11186

*transmission*
relation of infective dose to residual infect. & possibility of congen. transm. 24569

TRACE ELEMENTS
*see also* ALUMINUM
*see also* BORON
*see also* COBALT
*see also* FLUORINE
*see also* MANGANESE
*see also* SELENIUM
*see also* ZINC
in prep. of tuberculin to improve growth of bacilli 23325
med. implications, review 40665
trace metal content of rhodopsin 52359

*deficiency*
bivalent, eff. on growth & glycolytic activity of acidogenic microorganisms of mouth 40777

*effects*
chelating activity, biochem. significance (Sp) 47305
on amino acids in bean proteins 19605

*metabolism*
eff. of x-irradiation on levels in rat organs 8527
in cardiovasc. dis. 49986
in human tissue 23328
metab. & enzymatic significance (It) 39308
nutritional requirements of plants & animals 8442
spinal cord, lumbar part, spectrum analysis in cows (Rus) 1754

TRACHEA
canine tracheal divider used in resp. research, modifications 31451

*abnormalities*
common tracheo-esophageal tube with esophageal atresia in newborn 1417

*anatomy and histology*
anat. nomenclature of tracheobronchial tree 11722
histol. of epithelium & cartilage in guinea pig in vitro (It) 37491
stretch receptors & smooth musc. fibers in human fetus, inf. & adult (It) 37377

*diseases*
bovine rhinotracheitis, infect., field trials of modified liver virus vaccine in Colorado 40406
bovine rhinotracheitis, manifest. & differ. diag. from shipping fever & calf diphtheria 40418
calcification of tracheal cartilages in inf., x-ray 819
chondroosteoplastic tracheobronchopathy & tracheobronchial scleroma, review (It) 24924
displacement due to thorax dis., diag. (Rus) 45184
granuloma, asphyxiant, secondary to tuberc. gland fistula (Fr) 32064
laryngo-tracheal synd. in newborn & older inf. (It) 42728
tracheobronchitis, necrotic, with micrococcal bronchopneumonia, fatal (Pol) 53151
tracheomalacia after removal of thyroid adenoma, case report 6231
tracheomalacia & deviation by goiter, diag. value of Valsalva & Mueller tests (Ger) 15866
tracheopathia chondro-osteoplastica after surg. of nasal polyps, case report (Ger) 19327
tracheopathia osteoplastica, chronic, case report 15556
tracheopathia osteoplastica, x-ray manifest. 53722

*effect of drugs on*
anesthetics, local, on contact receptors in guinea pigs, comparison with antitussive action (Ger) 29893
triton WR-1339 nose drops on ciliated mucous epithelium of isolated guinea pig & rat trachea 5292

*fistula*
esophagotracheal fistula caused by impacted denture in esophagus, case report 52618
esophagotracheal fistula without atresia 8284
esophagotracheal, H-type, case reports 36276
esophagotracheal in child., surg. (Dut) 43068
esophagotracheal in newborn, review (Ger) 46073
esophagotracheal in premature inf., with esophageal atresia, surg. 50672
esophagotracheal with esophageal atresia, case report (Fr) 6391
esophagotracheal with esophageal atresia, congen., review & case reports 21830
esophagotracheal with esophageal atresia, surg. 26608
esophagotracheal with esophageal atresia, surg. end-to end anastomosis (Sp) 21139

*foreign bodies*
laryngo-tracheal, endoscopic removal, anesth. technic (It) 52940

*metabolism*
mucoproteins in ox tracheal cartilage, separation & chem. characterization 37568

*neoplasms*
benign tumor, x-ray diag. (Fr) 18017
congen. subglottic hemangiomas in inf., pathol. 20280
cylindroma, primary (It) 30341
epidermoid carcinoma 22903
plasma cell myeloma, primary, with bronchial dis. case report 14153
primary adenocarcinoma, case report (It) 36716
sarcoma of thoracic trachea, case report (Ger) 34526
surg., palliative & radical methods in cancer of tracheobronchial tree 43094
tracheobronchial adenoma, surg. (Sp) 18840

*physiology*
ciliary beat & direction of ciliary streaming, relation to resp. dis. in animals 51163
eff. of air loss on funct. efficiency of extirpated mammalian tracheal stripe 5106
eff. of oil & mucus on transportation funct. of ciliated epithelium in isolated guinea pig trachea (Ger) 27737
expiratory tracheal closure reaction in dogs, eff. of codeine (Ger) 39920
foradic stimulation of tracheal spur inducing cough in dog, bronchoscopy (Fr) 26822
regen., reactive changes of epithelium (Rus) 33292

*stenosis*
congen. case, pathol. (Ger) 34440
surg. (Fr) 51379

*surgery*
difficult tracheotomies (Fr) 9069
endotracheal intubation in ther. of asphyxia in child. (Ger) 38922
exper. plastic reconstruction (Ger) 22199
fenestration & tracheostomy, selective bronchial suction catheters in 869
fenestration as new method for ther. management of chronic pulm. dis. & exper. exploration of bronchial tree 24721
fenestration for ther. of emphysema, new technic 30149
fenestration in pulm. insuff. 50314
fenestration, indic. & contraindic. 4461
plastic technics (Pol) 16047
reconstructive autoplasty using musc.-periosteal & costal pedicle flaps & chlorvinyl prosth. tubes in dogs (Rus) 49223
resection, replacement with polyvinyl formalinized sponge with stainless steel 11786
subtotal excis. & sternal tracheostomy 47582
tracheostomy, compl., postop. air embolism causing sudden death in inf., case report 17629
tracheostomy in resp. insuff. (Pol) 16048
tracheostomy, indic., anat. aspects & technic 23454
tracheostomy, permanent, new technic using skin flap 28478
tracheostomy, sequelae in patients with bulbar polio, treated by Lassen method (Fr) 1024
tracheotomy (Fr) 17004
tracheotomy, decannulation in child. with acute infect. laryngeal stenosis (Rus) 55227
tracheotomy, emergency technic 42162
tracheotomy, emergency technic in asphyxia 54877
tracheotomy, evaluation of Sherrafheldon tracheotome 34939
tracheotomy in bronchial obstruct. in coma (It) 42603
tracheotomy in bulbar polio., indic., anesth. & methods 51351
tracheotomy in control of postop. cardioresp. compl. in thorax surg. (Hun) 52887
tracheotomy in crush inj. of chest., with continuous curarization & intermittent positive pressure resp., case report 41416
tracheotomy in inf. & child., clin. statist. (It) 42796
tracheotomy, in inf., risks & postop. compl. 28472
tracheotomy in postop. hypercapnic coma in patients with cardiopulm. insuff., case reports (Fr) 24252
tracheotomy in postop. resp. insuff. (Ger) 2870
tracheotomy in prev. of postop. resp. insuff. in aged & poor-risk patients 50207
tracheotomy in pulm. edema caused by carbon monoxide & trichlorethylene pois. (Ger) 55437
tracheotomy in resp. dis., indic. & technic (Fr) 54018
tracheotomy in resp. disord. in influenza in child. 48338
tracheotomy in severe craniocerebral inj. (Fr) 6398
tracheotomy, indic. 18654
tracheotomy, perop. reflex cardiac arrest (Ger) 53254
tracheotomy, postop. care 50692
tracheotomy, postop. warming & humidification of inspired air by heat-and-moisture exchanger 30269
tracheotomy, precop., in surg. of brain tumors, advantage over intratracheal intubation (It) 9273
tracheotomy, problems & compl. of seq. (Fr) 51503
tracheotomy, regional anesth. in (Rus) 55228
tracheotomy, teaching of postop. care with inexpensive plaster manikin 6511


Symbols in parentheses indicate foreign language articl... absence of language symbol indicates articles in English. For full explanation se... end of Subject Index.

tracheotomy with bracing for crush inj. of thorax, case report (Fr) 18641

viable intercostal pedicle graft in tracheobronchial surg. 41457

***transplantation***

allo-homoplasty in dogs & rabbits (Rus) 45681

***wounds and injuries***

laryngo-tracheal, caused by cutting weapons (Fr) 44672

post-traum. rupt. of intrathoracic portion, case report 10321

## TRACHOMA

(Fr) 21352

diag. & ther. in GP in Algeria (Fr) 31922

laboratory research, present status 14463

research, review (Ger) 45834

Revue Internat. du Trachoma, report on 33 years of activity (Fr) 44654

***case reports***

accid. laboratory infect. with trachoma 37600

***complications***

serous iritis as first sympt. (Ger) 51256

***diagnosis***

serodiag., technics (Fr) 31918

***differential diagnosis***

from non-trachomatous conjunctivitis, clin. manifest. & incidence of trachomatous pannus 31921

***epidemiology***

geographic distribution (Fr) 38803

in Australasia 31919

in Brazil (Por) 44431

in Brazil, comparison in Negroes & whites (Por) 8766

in Bulgaria (Bul) 16428

in Burma 14531

in Ecuador (Sp) 31826

in Japan 31920

***experimental***

produced by cultured virus in human 37599

***in infant and child***

in primary schools in Fr. W. Africa, statist. (Fr) 44651

penicillin ther. in trachoma with inclusion bodies 2090

ther., sulfisoxazole with oxytetracycline, clin. statist. in rural schools in W. Algeria (Fr) 44652

***microbiology***

bact. flora of trachomatous & normal conjunctiva 44650

***pathology***

corneal degen., histopathol. (Fr) 31923

***surgery***

technic for eversion trichiasis of trachoma (Fr) 13059

***therapy***

chloramphenicol (Rus) 22568

dosulfin (Sp) 4069

erythromycin-sulfacetamide ointment 13331

***virus***

attempted isolation in various cells 2088

culture (Fr) 6301

inclusion bodies, Rice technic for staining 2089

isolation in chick embryos, technic 24212

structure of inclusion bodies, electron microscopy 10859

## TRANQUILIZING AGENTS

*see also* **AZACYCLONOL**

*see also* **CHLORPROMAZINE**

*see also* **MEPROBAMATE**

*see also* **PHENOTHIAZINE**

*see also* **RAUWOLFIA ALKALOIDS**

benactyzine methobromide, chem. kinetics of aqueous solutions 2816

bioassay methods, review 41289

biochem., review 8343

biol. assessment, review 28607

classif. 38604

classif. (Fr) 9113

classif. (Sp) 20629

classif., ther. indic. & side-eff. (It) 53758

comparison of laboratory methods in search for new drugs of potential value to psychiatry, review 8352

hydroxyzine, review (Dut) 43041

hypericin (Sp) 43854

pharmacol. (Ger) 53311

pharmacol. & indic. 14066

pharmacol., review 14217

pharmacol., review (Fr) 54913

phenoxybenzamine, evaluation 24715

phenyltoloxamine 30175

rapid screening technic 20834

review 29253

review (Cz) 48580

review (Dut) 43040

tranquilizing activity of nicotinamide in rats 32337

***effects***

benactyzine & hydroxyzine on CNS in rabbits 13436

benactyzine in large doses, psychotogenic & hallucinogenic properties 39266

benactyzine-supplemented meprobamate, analgesic eff. 39789

cortical & subcortical eff. on EEG 11661

depression of CNS, conditioned reflex for studying of eff. in exper. animals (Hun) 28783

exper. catatonia, psychopharmacol. of neuroleptics 50442

hydroxyzine as premedication in anesth. (It) 51959

hydroxyzine HCl on behavior of Carassius cyprinus (It) 9767

hydroxyzine hydrochloride causing modification of psychopathol. eff. of lysergic acid diethylamide 48966

mepazine on central & peripheral blood circ. in cross-circ. exper. in dogs (Ban) 41631

on action of convulsant & depressant agents in mice 36554

on body temperature in pigeon, action & interaction with lysergic acid diethylamide & serotonin 35827

on CNS, pharmacol. analysis, review 8345

on escape & avoidance behavior, review 8353

on exper. cardiac arrhythmias in rabbits & dogs 5743

on exper. morphine-induced psychomotor agitation (Fr) 54885

on fibrin form. from fibrinogen 14602

on mammary adenocarcinoma in mice 2691

on mortal. from x-irradiation in mice 6775

on pentylenetetrazole-induced epilepsy in rabbit, EEG (Fr) 54912

on pole-climbing response of rats, comparison with morphine & barbiturates (It) 53834

on succinic oxidase system in vitro 1351

on thyroid funct. tests 17046

phenaglycodol inducing tolerance & withdrawal hyperexcitability in mice by chronic admin., detection by pentylenetetrazol infusion method, technic & clin. application 40367

phenaglycodol on ventric. tachycardia after exper. myocardial infarct in dogs 40079

phenyltoloxamine, comparison with reserpine & placebo, double blind technic 12560

physiol. side-eff. (Ger) 33845

screening of potential agents against audiogenic seizures in mice 13441

tranquilizers as energizers 24626

***injurious effects***

benactyzine-induced psychosis in man (Cz) 48843

depression 24830

ectylurea causing jaundice 7440

hazards in current use 18747

hydroxyzine causing hypersensitivity in meprobamate-sensitive patient 16525

***poisoning***

benactyzin causing psychosis, case report 24084

***therapeutic use***

14700
37949

alcoholism, indic. & contraindic. 8508

benactyzine in anxiety (Cz) 26518

benactyzine in anxiety & depression 3390

benactyzine in anxiety neuroses 50833

benactyzine in anxiety neurosis, response of various components of anxiety 50834

benactyzine in ment. disord., comparison with prochlorperazine 39166

benactyzine in neuroses, behavioral eff. 33434

benactyzine in NS disord. (Ger) 11057

benactyzine in psychoses 50169

benactyzine in psychoses, with meprobamate 770

buclizine in emotional disord. in aged 50167

N'-n-butyl-N''-o-anisyl-urea in psychosis, comparison with chlorpromazine & placebo 17741

comparison with value of electroshock ther. 49198

2-dimethylaminoethylbenzilate in common cold, with benzilic acid (Ger) 29491

N-(3-dimethylaminopropyl)-o-iminodibenzyl in depression 12620
19233
26442

N-(3-dimethylaminopropyl)-o-iminodibenzyl in depression (Ger) 9533

N-(3-dimethylaminopropyl)-o-iminodibenzyl in ment. disord., potency 766

N-(3-dimethylaminopropyl)-o-iminodibenzyl in psychoses, eff. on blood proteins (Ger) 27016

10-(3-dimethylaminopropyl)-thiophenylpyridylamine (Ger) 42385

10-(3-dimethylaminopropyl)-thiophenylpyridylamine as local anesthetic (Ger) 6733

10-(3-dimethylaminopropyl)thiophenylpyridylamine in child., indic. & statist. (Ger) 49144

10-(3-dimethylaminopropyl)thiophenylpyridylamine in ment. disord. (Ger) 22834

10-(3-dimethylaminopropyl)thiophenylpyridylamine in neurosurg. (Ger) 35588

10-(3-dimethylaminopropyl)-thiophenylpyridylamine in obst. & gyn. (Ger) 18972

10-(3-dimethylaminopropyl)thiophenylpyridylamine in pregn. toxemias (Ger) 18933

dynamics, hazards & psychol. eff. of use in GP 14551

ectylurea in convulsions & spasticity in ment. deficients 50862

eff. of new tranquilizing ther. on funct. & role of soc. workers 8378

evaluation by projective technics 14355

hydroxyzine, adjuvant in anesth. (It) 51971

hydroxyzine as adjuvant to tuberculostatics in ther. of pulm. tuberc. 50891

hydroxyzine as coadjuvant in segmentary peridural anesth. in orthopedic surg. (It) 6781

hydroxyzine in allergic dis., with prednisolone 36243

hydroxyzine in anxiety & tension 17395

hydroxyzine in emotional disord. of institutionalized aged 50166

hydroxyzine in internal dis. (Ger) 22951

hydroxyzine in internal dis. (It) 3723

hydroxyzine in ment. disord. & control of smoking habit 17749

hydroxyzine in work-disturbing anxiety states (Ger) 51794

hydroxyzine-pentaerythritol tetranitrate prep. in intermittent claudication 36000

in dangerous psychotics, favorable eff. (Sw) 52738

in potentiated anesth., indic. (Ger) 34597

in surg., review 54781

in vet. med. 4835

indic. & contraindic. 32528

indic. & dos. for maintenance ther. 43707

limited ther. value 905

ment. disord. 6467 6528 14263 17049 19090 50859

ment. disord. (Dut) 43036

ment. disord. in aged (Ger) 45958

ment. disord., psychodynamic aspects (Ger) 11282

pediatric dis., criticism (Ger) 52170

phenaglycodol in cerebral palsy 13272

phenaglycodol in epilepsy (It) 39505

phenaglycodol in grand mal & petit mal epilepsy 25131

phenaglycodol in ment. disord. (It) 6899

problems of psychiatrists' in relation to tranquilizing medication in psychother. 20839

prochlorperazine alone & with chlorpromazine in disturbed patients 39154

relation to other somatic treatments in psychiatry 12587

review 20577

rum fits in alcoholics, eff. on EEG 50904

schizophrenia, induction of reversible parkinsonism 12602

schizophrenia, statist. 17732

skin dis., indic. & compl. 6961

supporting ther. (Rus) 34763

tofranil in exogenous traum. & endogenous psychoses, eff. on blood proteins (Ger) 25369

value & hazards (Ger) 19432

## TRANSAMINASES

γ-aminobutyric acid-α-ketoglutaric acid transaminase from beef brain, properties 28254

aspartic & glutamic aminopherases of rat liver, eff. of thyroxin on activity 3439

aspartic glutamic transaminase of liver & spleen, eff. of intraperitoneal actinomycin C in rats (It) 37500

brain activity, eff. of thyroidectomy & thyroid hormone admin. in rats (It) 335

glutamic-aspartic transaminase activity in Aspergillus niger during citric acid accumulation (It) 39227

glutamic-aspartic transaminase from pig heart, assay, purification & properties 40540

glutamic oxalacetic & glutamic pyruvic, in blood & CSF in dis. of nerv. system (It) 32165

glutamic oxalacetic & glutamic pyruvic transaminases in blood & CSF in cerebral & neurol. dis. (It) 37436

glutamic oxalacetic & glutamic pyruvic transaminases in blood & lymph in dogs, eff. of liver lesions (Hun) 52894

glutamic oxalacetic & glutamic pyruvic transaminase in blood & urine in different stages of pregn. (It) 9402

glutamic oxalacetic & glutamic pyruvic transaminases in blood & tissue extracts in liver dis. & myocardial infarct 32246

glutamic oxalacetic & glutamic pyruvic transaminases in guinea pig organ autolysates (It) 37343

glutamic oxalacetic and glutamic pyruvic transaminases in guinea pig tissue homogenates (It) 37342

glutamic oxalacetic transaminase activity of heart, brain & liver in exper. hyperthyroidism in rats (It) 1948

glutamic-oxalacetic transaminase in blood & CSF in cerebral embolism & thrombosis (Sp) 31006

glutamic oxalacetic transaminases in metaphyseal cartilages, eff. of steroids in rats (It) 13992

glutamic oxalacetic transaminase in rat & dog tissues, comparison 1558

glutamic pyruvic transaminase in porcine heart, optical assay method, purification & characterization (Ger) 25894

glutamic pyruvic transaminases of liver & spleen, eff. of intraperitoneal actinomycin C in rats (It) 37501

glutamine - α-keto acid transaminase - deamidase in homogenates of various guinea pig organs (Ger) 27908

in blood & lymph, activity after hepatic damage due to acute biliary obstruct. in dogs 52370

in blood & tissues of domestic animals 48982

in cell necrosis 28397

in crystalline lens (It) 37492

in Fusarium lycopersici, characterization of transaminase system 3451

in liver parenchymatous cells, content 49695

review 46942

review (Fr) 53558

tryptophan-α-ketoglutaric & tyrosin-α-ketoglutaric transaminase basal & adapted levels in liver of vitamin B6 defic. rat, response to hydrocortisone 28265

tyrosine-α-ketoglutaric transaminase, specificity of adaptive response in rat 28266

***determination***

aromatic amino acid transaminases by keto-enol tautomerization of enol-borate complexes 4764

review 6755

***in blood***

aspartic- & alanine-ketoglutaric transaminase response to prednisolone, eff. of 4-chlorotestosterone acetate in rabbit (It) 49599

determ., technic (Fr) 47356

eff. of ACTH & prednisone ther. of pulm. tuberc. with viral hepatitis (It) 9297

eff. of interruption of biliary tract at various levels, in rabbits (It) 39685

eff. of intracardiac surg. 54662

glutamic oxalacetic & alanine-ketoglutaric transaminase variations in child. 13416

glutamic oxalacetic & glutamic pyruvic transaminases, determ. in assessment of myocardial damage during angina diphtheritica, correlation of levels with ECG (It) 54223

glutamic oxalacetic & glutamic pyruvic transaminase, determ. in healthy persons & various dis. (Hun) 30286

glutamic oxalacetic & glutamic-pyruvic transaminases, determ. in various dis. (Fr) 24770 53990

glutamic oxalacetic & glutamic pyruvic transaminases, diag. evaluation (Dan) 52732

glutamic oxalacetic & glutamic pyruvic transaminases, diag. value 24852 41859

glutamic oxalacetic & glutamic pyruvic transaminases, diag. value in myocardial infarct complicating surg. 46869

glutamic-oxalacetic & glutamic-pyruvic transaminases, eff. of electric or insulin shock ther. (It) 2490

glutamic oxalacetic & glutamic pyruvic transaminases in alcoholism, comparison with lactic acid dehydrogenase (Sw) 54815

glutamic oxalacetic & pyruvic transaminases in infect. hepatitis (Ger) 49103

glutamic oxalacetic & glutamic pyruvic transaminases in jaundice in newborn inf., diag. value 16568 34982

glutamic oxalacetic & glutamic pyruvic transaminases in kidney dis., diag. value (It) 54218

glutamic oxalacetic & glutamic pyruvic transaminases in liver & coronary dis. (Sp) 18858

glutamic oxalacetic & glutamic pyruvic transaminases in myocardial infarct in dogs 48719

glutamic oxalacetic & glutamic pyruvic transaminases in myocardial infarct, value of simultaneous determ. (Fr) 1466

glutamic oxalacetic & glutamic pyruvic transaminases in normal & epileptic child, eff. of vitamin B6 (It) 2963

glutamic oxalacetic & glutamic pyrevic transaminases in pulm. tuberc. & cancer (It) 20815

glutamic-oxalacetic & glutamic-pyruvic transaminases in various lung dis. (It) 35534

glutamic oxalacetic & glutamic pyruvic transaminases in venous blood in obliterative vasc. dis. (Pol) 30815

glutamic oxalacetic & glutamic-pyruvic transaminases, review (Fr) 53410

glutamic-oxalacetic transaminase activity in exper. cadmium chloride pois. in rabbits (It) 37438

glutamic-oxalacetic transaminase activity, measurement (Fr) 24787

glutamic oxalacetic transaminase activity in serum globulin fractions (Pol) 38102

glutamic oxalacetic transaminase activity in various dis., clin. significance (Ch) 38374

glutamic oxalacetic transaminase, biochem., determ. & diag. value (Sp) 18346

glutamic-oxalacetic transaminase, changes in activity caused by extracardial & extrahepatic cond. (Ger) 39868

glutamic oxalacetic transaminase, clin. significance 19977

glutamic oxalacetic transaminase determ., colorimetric method (Pol) 53144

glutamic oxalacetic transaminase, determ. in diag. of heart & other dis., evaluation 35641

glutamic oxalacetic transaminase, deviation factors in standard method & semimicro method of spectrophotometry 15037

glutamic oxalacetic transaminase, eff. of myocardial infarct & heart surg. (Ger) 23023

glutamic oxalacetic transaminase, eff. of surg. 23482

glutamic oxalacetic transaminase, eff. of trifluorethylvinyl ether anesth. 12973

glutamic oxalacetic transaminase excess caused by acute hepatic congestion 12307

glutamic oxalacetic transaminase in acute pancreatitis 15942

glutamic oxalacetic transaminase in alcoholism 4459

glutamic oxalacetic transaminase in child., diag. value (Cz) 38331

glutamic oxalacetic transaminase in chronic recur. hepatitis & posthepatitis liver cirrhosis, eff. of prednisone (Ger) 18341

glutamic oxalacetic transaminase in coronary insuff. with myocardial necrobiosis without infarction, diag. value (Pol) 8079

glutamic oxalacetic transaminase in liver dis. (Ger) 46041

glutamic-oxalacetic transaminases in musc. dis., electrophoretic migration (Fr) 26797

glutamic oxalacetic transaminase in myocardial infarct (Fr) 1465

glutamic oxalacetic transaminase in myocardial infarct, colorimetry (It) 3871

glutamic oxalacetic transaminase in myocardial infarct, diag. & progn. value (Ger) 35584

glutamic oxalacetic transaminase in myocardial infarct, diag. value

| | | | |
|---|---|---|---|
| 5235 | 14270 | 14271 | 14283 |
| 18440 | 19721 | 33129 | 41808 |

glutamic oxalacetic transaminase in neuromusc. disord. in child. 43495

glutamic oxalacetic transaminase in normal & pathol. progn. & in newborn (It) 6859

glutamic oxalacetic transaminase in obstruct. jaundice, mechanism of elevation 32247

glutamic oxalacetic transaminase in puerperium 20077

glutamic oxaloacetic transaminase in typhoid fever in child. 5189

glutamic oxalacetic transaminase in various dis., diag. value (Ger) 1319

glutamic oxalacetic transaminase in various dis., diag. value (Hun) 30285

glutamic-pyruvic transaminase activity of human platelets 31291

glutamic-pyruvic transaminases in liver dis., diag. value (Fr) 47357

in acute myocardial infarct, review 53571

in cancerous & non-cancerous surg. dis. (It) 189

in coronary dis., review 53565

in heart & liver dis., review (Fr) 53443

in liver dis. 2006

in liver dis., relation to liver histol. (It) 42682

in med. & surg. jaundice, determ. in differ. diag. 50866

in myocardial dis., diag. value (It) 25635

in myocardial dis., diag. value, review (It) 25634

in myocardial infarct 31592

in myocardial infarct., diag. & progn. value (Ger) 29483 30986

in necrosis in various dis., new technics for determ. (Fr) 44880

in newborn inf. & child. (Ger) 34124

in NS dis. in child. (It) 44359

in pregn. (It) 54247

in premature inf. (Ger) 55510

in surg. patients (Sp) 6608

in trichinosis (Pol) 33693

in various dis., clin. significance 357

transaminase-alkaline phosphatase ratio, differ. diag. value in hepatocellular jaundice & extrahepatic obstruct. jaundice 18455

***in cerebrospinal fluid***

glutamic oxalacetic & glutamic pyruvic, in neurol. & other dis. & brain neoplasms (It) 21427

glutamic-oxalacetic & glutamic-pyruvic transaminases in neurol. & psychiatric patients (It) 37323

glutamic oxalacetic & glutamic pyruvic transaminases in neurol. patients, collection by ventric. puncture (It) 37334

**TRANSFERASES**

***see also*** **TRANSAMINASES**

***see also*** **TRANSPHOSPHORYLASES**

carbamyl phosphate-aspartate transcarbamylase in tumor tissue 48577

catechol O-methyl transferase, mechanism of action 4771

dextransucrase inhib. by excess substrate 19612

D-enzyme synthesis of amylose 52367

enzymic exchange of protein amide groups 1395

galactose-1-phosphate uridyl transferase, partial purification from calf liver & use in determ. of galactose-1-phosphate 13748

glucuronyl transferase defic. of liver, relation to exper. fetal erythroblastosis in rats 50935

levansucrase from various bact. (Dut) 43076

levansucrase in Bacillus subtilis, kinetics of transfer of fructosyl radical (Fr) 13746

ornithine-carbamyl transferase activity in mammalian liver, activation by substance in E. coli 25864

steroid sulfokinases, separation by electrophoresis 40489

thetin homocysteine methylpherase from rat liver 13716

***in blood***

ornithine-carbamyl transferase, determ. 17598

transketolase of erythrocytes & serum, determ. & characterization (Ger) 25900

***TRANSFUSION*** ***see*** **BLOOD TRANSFUSION**

**TRANSIENTS AND MIGRANTS**

European migration following World War II 11085

intrastate migration of pre-aged & of aged in Texas 17372

migrant labor crisis in Immokalee, Florida 53662

soc. & hygienic cond. (Nor) 54978

U. S. pub. health program for Mexican migrant workers 8456

**TRANSPHOSPHORYLASES**

choline phosphokinase activity in wallerian degen. of cat peripheral nerves in vitro 41209

fluorokinase isolation from rabbit musc., crystallization & possible identity with pyruvate phosphokinase 47714

fluorokinase, phys. properties of crystalline enzyme 47715

hexokinase from Saccharomyces cerevisiae, substrate specificity & other properties 13799

hexokinase in fetal & maternal liver & placenta in various stages of pregn. (It) 37350

hexokinase synthesis in ascites carcinoma (Rus) 1737

in E. coli & wheat grain (Fr) 26315

mevalonic kinase from yeast extract, purification & properties 28248

myokinase of cross-striated rabbit musc., thermal inactivation (Ger) 27883

phospholipase C from Clostridium perfringens, molecular weight of gamma-ray inactivated prep. (Pol) 29508

phosphomannoisomerase, activity measurements & dependence on sulfhydryl groups & metals (Ger) 25891

phosphomannoisomerase purification from yeasts, determ. by column chromatography on hydroxyapatite & kinetics of action (Ger) 25902

ribokinase from mungo bean, properties 13701

transphosphorylase activity of phosphatases, comparison of enzymic catalysis by acid phosphatase with non-enzymic catalysis at acid pH values 13713

transphosphorylase activity of phosphatases, determ. by spectrophotometry of phosphate esters & other cpds. 13711

transphosphorylase activity of phosphatases, reactions of purified alkaline phosphomonoesterases & substrate-specific phosphatases 13712

***antagonists***

phenylbutyric acid inhib. of acetyl phosphate form. in acetic acid - ATP transphosphorylation catalyzed by acetyl kinase of E. coli (It) 1959

***effects***

hexosekinase on histamine-induced intestinal malabsorp. of glucose in rat (Fr) 13460

hexokinase from yeast, mechanism of action 49469

***in blood***

myokinase of erythrocytes, demonstration in cytoplasmic & stromal components 14608

**TRANSPLANTATION**

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

***see also*** **CORNEAL TRANSPLANTATION**

***see also*** **SKIN TRANSPLANTATION**

***see also*** **TISSUE THERAPY**

(Hun) 7713

frozen heterografts (Ger) 55724

future of tissue & organ transpl. 33033

homo- & heterografts of human fetal skin & other tissues, survival in humans & animals 53118

homograft factors affecting survival, review 10433

homograft incompatibility review (Rus) 45698

homografts, current status 51137

homotranspl., comparative immunol. & phylogenetic aspects 47548

homografts, progr. 41869

in form. of artif. esophagi, review (Pol) 53130

medicolegal aspects of use of cadaveric tissues for grafts & transpl. (Sp) 38542

methods & progr. in Europe 8035

methods of tissue preserv. for use in transpl. (Ser) 45903

of tissue grafts (Cz) 48616

preserved homografts, clin. evaluation (Rus) 52863

radioautographic study of transplanted tissues 51298

review (Fr) 26188

review (Rus) 45872

secondary repair of flexor tendons, mechanics (Fr) 47377

tissue preservants (Rus) 45673

tissue transpl. & cellular hered. 10211

*experimental*

27685

acquired tolerance to homografts & heterografts in rats 47575

cell-bound antibodies in transpl. immun. in mice 47552

controlled blood supply to tubular flap (Cz) 11843

cytochem. reactions in chorio-allantoic chick explants with different graft weight & liquid volume ratios (R) 13995

fetal tissue homotranspl. into young & adult animals 47544

fin transpl. in fish, genetic aspects 47549

graft acceptance, acquired immun. to grafts & acquired tolerance to grafts 47567

graft-versus-host reaction in transpl. to embryos, to hybrids & to irradiated animals 47574

growth potentialities of embryonic lung tissues implanted in conditioned hosts 22312

heterograft of mouse embryo limb bud on chick embryo (Fr) 15079

heterotranspl., role of assimilation-adaptation factors in develop. in animals (Ger) 45795

homotranspl. immun. in relation to autosensitization, nature of tissular antigens involved 47561

host-graft interrelations 47558

implant of embryo limb bud in anterior eye of adult rat, growth & differentiation (Fr) 3063

in chick embryos during parabiosis 47545

inflamm. reaction to homografts, cond. for elimination in rabbits 29873

peripheral nerve autografts & homografts, regen. of nerve fibers (It) 6808

polymethylmethacrylate implants in rabbits, tissue tolerance (Ger) 55664

reactions of histocompatibility-2 antibodies in vitro & in vivo 47559

removal & orthotopic transpl. of limbs in anura amphibia, eff. on NS (It) 9324

role of assimilative-adaptational factors in fate of heterotransplants (Hun) 28784

secondary rejection phenomenon elicited by primary homograft in pretreated rats 44143

tendon replacement with polyethylene-covered wire graft in dog leg 53124

tissue incompatibility in homoplastic grafting, review (Rus) 45618

tissue specificity studies, genetic aspects 47550

*immunology*

artifically induced tolerance to grafts (It) 52003

immune response, specific modifications, review 10486

immunol. importance of blood groups, review (It) 21013

immunol. maturation & defects in immunol. capacity, review 10485

prep. of antigenic cell-free extracts capable of provoking transpl. immunity 22308

sex factor in tissue incompatibility in transpl. (Fr) 53979

tissue transpl. immunity 8330

tolerance in radiation chimaera, review 10487

*TRANSUDATES see* EXUDATES AND TRANSUDATES

*TRANSVESTISM see* SEXUAL DEVIATION

*TRASENTIN see* PARASYMPATHOLYTICS

*TRAUMA see* WOUNDS AND INJURIES

TRAVEL

*see also* THALASSOTHERAPY

in Near East, pilgrimage to Mecca, changing aspects of health hazards (Fr) 15195

rations for polar travel 8275

*TREACHER-COLLINS SYNDROME see* FACIAL BONES, *abnormalities*

TREMATODE INFECTIONS

*see also* DISTOMIASIS

Crepidostomum infect. in salmon (Pol) 33772

Digenea in fish (Pol) 33771

Diplostomum spathaceum infect. in fish (Pol) 33770

... aquatic birds (Pol) 33788

*case reports*

infect. of human eye with Philophthalmus sp. in Ceylon 17375

opisthorchosis (Rus) 18897

opisthorchosis, variants of severe course (Rus) 18876

*complications*

opisthorchosis with hepatic duct rupt. & retroperitoneal biliary fistula (Rus) 18879

*diagnosis*

treponemic antigens in diag. of treponematoses in Africans (Fr) 42034

*epidemiology*

in Africa, comparison with incidence of syphilis & other venereal infect. 38141

Opisthorchis felineus infect. (Pol) 33795

*pathology*

tissue response to infect. with Conspicuum icteridorum in gallbladder of Brewer blackbird 5593

*therapy*

7409

TREMATODES

*see also* DICROCOELIUM

*see also* FASCIOLA

*see also* SCHISTOSOMA

Astiotrema, develop. cycle in tadpole intestines (Pol) 33764

Astiotrema, review 5133

Austrobilharzia variglandis causing dermatitis of bathers in California 51007

Bianium Stunkard, synonym of Diplorroctodaeum La Rue 5610

brachylaemid metacercariae in slugs Milax sowerbii & Agriolimax reticulatus 30365

brachylaemid metacercariae in slugs Milax sowerbii & Agriolimax reticulatus, eff. on host 30361

Centrocestus armatus, description of its cercariae 16458

Cercaria & other larval trematodes in Sagitta marine worm 19807

Cercaria mehrai, life hist. 30372

Cercaria X, morphol., biol. & develop. 30366

Codonocephalus urnigerus, develop. (Pol) 33765

complement fixation with trematode metabolic prod. (Ger) 55581

Crepidostomum metoecus & Crepidostomum farionis parasitic in trout & salmon in Britain 30367

Cyclocoelum titiri from spur-winged plover 5508

Dicrogaster fastigatus from mullet Mugil cephalus in Gulf of Mexico 51010

Dictyocotyle coeliaca, identification & classif. 19829

Didelphis marsupialis insularis from manicou in W. Indies 17377

echinostome cercariae, isolation of new species from Tokyo Bay 16452

Encyclometra, review 5142

Euparadistomum heiachi n. sp. from liver of domestic cat in Kenya & new sub-family Euparadistominae 5139

exper. develop. of trematode of genus Opisthioglyphe Looss, parasite of gammarids (Fr) 38661

fats in trematode parasites 24309

larval stages in snails (Pol) 33766

Macraspis cristata, description (Fr) 1036

Mazocraeoides olsmtangiensis parasitic on gills of gizzard shad 51009

Microphallidae, taxonomy (Fr) 36172

occurrence of larval trematodes in snails from Columbia Basin area of Washington 5592

of Hertfordshire birds 5136

Opisthioglyphe endoloba & Opisthioglyphe ranae, differentiation (Fr) 1035

Orchipedum leanderi developing neotenically in fresh-water shrimp 55568

Paramphistomum bothriophoron parasitic in reticulum of sebu (Fr) 1038

Phagicola longicollis oral spines & description of Phagicola ingiei 51006

Primatotrema macacae from Macaque Rhesus monkeys & redescription of Phaneropeolus oviforme 51008

protein metab. in Fasciola gigantica, Gastrothylax crumenifer & Paramphistomum explanatum 17376

rate of oxygen consumption in trematode parasites 34319

Renicola monarchis n. sp. parasitic in birds, isolation & description (Fr) 1037

Sphaerostoma bramae, gametogenesis 30364

Staphylocystis furcata, form. of cysticercoids (Pol) 33767

subclass Aspidogastrea, description & species (Fr) 36171

trematode parasites from jackdaw Corvus monedula in Gt. Brit. 5134

TREMOR

*see also* PARALYSIS AGITANS

etiol. & ther. (Fr) 39475

flapping tremor, diag. value 14212

registration of tremors by means of restraint gauges (Fr) 48878

tremor-inducing amino alcohols, pharmacol. 28608

*etiology and pathogenesis*

liver cirrhosis & pulm. edema, ther., kanamycin 25015

liver dis., review (Ger) 27154

reserpine ther., case report (It) 32127

*experimental*

induction by 1,4-dipyrrolidino-2-butyne, antag. by various drugs & testing in mice 5746

induction by 1,4-dipyrrolidinobutyne, cortical & subcortical electric eff. 11661

induction by 1,4-dipyrrolidino-2-butyne, margin of safety in mice (Fr) 9524

*physiology*

relation to positive & negative aspects of cortical funct. 52702

*surgery*

surg. of globus pallidus & thalamus, indic. (Sp) 1798

*TRENCH MOUTH see* VINCENT'S INFECTION

*TREPHINING see* CRANIUM, *surgery*

TREPONEMA

*see also* SPIROCHAETA

fine structure (Ger) 55676

morphol. aspects of reprod. of 4 species of genital Treponema (It) 43464

mucinase, determ. in oral treponemes (Ger) 25234

*effect of drugs on*

oleandomycin (Ger) 34055

spiramycin, sensitivity (Ger) 34070

TREPONEMA INFECTIONS

*see also* SYPHILIS

*see also* YAWS

*therapy*

procaine penicillin G - aluminum monostearate prep., equip. & technic of intramusc. inject. in mass campaigns 26388

TREPONEMA PALLIDUM

*see also* SYPHILIS

*effect of drugs on*

penicillin (Rus) 11479

*TRIAZOLES see* AZOLES

TRIBROMOETHANOL

*therapeutic use*

eclampsia 18774

*TRIBUTYRINASE see* LIPASES

*TRICARBOXYLIC ACID CYCLE see* METABOLISM, TISSUE

*TRICHINA see* TRICHINELLA

TRICHINELLA

detection in pork (Pol) 33690

*effect of drugs on*

piperazines on Trichinella spiralis (Pol) 33695

TRICHINELLOIDEA

*see also* TRICHINELLA

Trichocephalus vulpis, glycogen concentration (Rus) 51739

Trichuris trichiura eggs in soil (Pol) 33739

TRICHINOSIS

in cats & dogs in Iowa 5603

*blood in*

aldolase & transaminases (Pol) 33693

*case reports*

caused by boar meat (Rus) 18878

first human case diagnosed in Norway in 10 years (Nor) 22235

*complications*

acute abdom. in infect. caused by white bear meat infect. (Rus) 21895

encephalopathy, ACTH & cortisone ther. 24430

*diagnosis*

in mass surveys (Pol) 33697

intradermal test with Trichinella antigen, evaluation in acute & old infect. (Ger) 34522

*epidemiology*

(Pol) 33691

in Chile (Sp) 13894

in Poland, autopsy findings (Pol) 33690

in Poland, immunol. reactions during 1957 epidemic (Pol) 33696

in Poland, in rural areas (Pol) 33699

in U. S. 53675

*experimental*

eff. of ACTH & cortisone in rats 24700

eff. of behavior on develop. of resist. to infect. in mice 31371

eff. of infect. & reinoculation of rats with Trichinella spiralis & eff. of cortisone on blood ... coproteins & proteins 3522

eff. of x-rays (Pol) 33692

*manifestations*

clin. manifest. (Rus) 18894

myocardial & neurol. manifest., case report 30160

*prevention and control*

in Poland (Pol) 33680

in Poland in Bialystok region, mass screening by intradermal test with Trichinella antigen (Ger) 34523

*therapy*

ACTH & cortisone, alone & in combination (Rus) 45147

adrenal cortex hormones & blood deriv. (Pol) 33694

stibophen, cured case (Hun) 52880

TRICHLORACETIC ACID

*in urine*

determ. & relation to atmospheric content of trichloroethylene (Cz) 30946

*therapeutic use*

trichloracetic acid-sulfosalicylic acid prep. in peridontal dis., local admin. 40976

TRICHLOROETHYLENE

comparison with 1,1,1-trifluoro-2-bromo-2-chloroethane 2610

*addiction*

causing toxic psychosis (Dut) 52535

*anesthesia and analgesia*

(Ser) 29398

eff. of oxytocin in dogs 24766

in labor, maternal, neonatal & perinatal mortal. 14570

*determination*

in atmosphere, relation of content to urinary trichloracetic acid & 2,2,2-trichlorosthanol levels in workers (Cz) 30946

*injurious effects*
- eczema of face & hands, case reports (Fr) 47766
- on blood, negative results (Fr) 32203

*poisoning*
- acute (Fr) 41944
- acute, clin. manifest. & toxicol. (Fr) 47423
- causing pulm. edema, ther., tracheotomy & resp. reanimation (Ger) 55437
- eff. on CNS histol. in dog 17805
- exper., pathol. in cats & guinea pigs 36097
- fatal incident (Ger) 36502
- in child, ther., hyperventilation induced by inhalation of oxygen mixed with carbon dioxide (Fr) 3476
- peroral pois., chem. demonstration (Ger) 36503
- ther., atropine (Dan) 45520

*related compounds*
- 1,1,1-trichloroethane, tox. for man & laboratory animals 12221

*therapeutic use*
- fetal hypoxia, maternal alternate oxygen-trichloroethylene inhalation (Ger) 11442
- in electric & metrazol shock ther. of ment. dis. (Fr) 11986

*toxicity*
- eff. of prep. with various solvents on tox. in guinea pigs (Fr) 47770
- trichloroethylene extraction of soybean meal causing aplastic anemia in cattle 1777

**TRICHOCEPHALIASIS**

*epidemiology*
- (Rus) 51731

*experimental*
- Trichuris vulpis infect., eff. of bismuth glycolylarsanilate in dogs (Ger) 34326

*therapy*
- 3,3'-diethylthiadicarbocyanine iodide 37736
- 3,3'-diethylthiadicarbocyanine iodide (Sp) 6613

***TRICHOCEPHALUS** see* **TRICHINELLOIDEA**

**TRICHOMONAS**
- tenax, survey of incidence in human mouth 17223
- vaginalis, determ. of vitality by safranine test (Pol) 33744
- vaginalis, eff. of various environmental factors on viability (Rus) 45647
- vaginalis, form change during digestive activity (Ger) 11307
- vaginalis, modified stain technic 54511
- vaginalis, pathogenicity in mice (Rus) 12122
- vaginalis, prolonged survival at -79°C 52459

*culture*
- foetus & vaginalis, new method of cell number measurement by determ. of cell sedimentation (Ger) 55698
- foetus, on various sera (Pol) 33758
- foetus, refrigerated strains (Pol) 33757
- Trichomonas vaginalis on solid medium & application to assay of trichomycin potency 13344

*effect of drugs on*
- 2-acetylamino-5-nitrothiazole in vitro (Fr) 32928
- antibiotic iturine on Trichomonas vaginalis (Fr) 26777
- antibiotic PA-128 on Trichomonas vaginalis in vitro 1289
- desogen on Trichomonas vaginalis (Pol) 33748
- 6-methoxy-2-(4'-nitrostyrol)-4-(&-methyl-δ'-diethylamino)-butylamino quinoline triphosphoric acid (Rus) 3565
- trichomonostatic drugs on Trichomonas vaginalis in vitro (Ger) 34471

**TRICHOMONIASIS**
- conjugal (Ger) 3741
- genitalia, in male & female (Fr) 15174
- review (Fr) 3706
- Trichomonas vaginalis in ureter & kidney pelvis in women without sympt. as cause of recur. Trichomonas vaginitis (Sp) 20046

*case reports*
- enterocolitis (Ger) 42904
- urethral (Fr) 1082

*diagnosis*
- Trichomonas vaginalis urethritis in male 14184
- vaginalis, of prostate & urethra (Ger) 46232

*epidemiology*
- in bulls (Pol) 33756
- in bulls in Poland (Pol) 33687

*etiology and pathogenesis*
- venereal dis. factors (Fr) 8367

*experimental*
- genital infect. of cattle with trichomonads from swine digestive tract 12724
- infect. of young pigs following intranasal inoculation with nasal, gastric or cecal trichomonads from swine or with Trichomonas foetus 51001

*therapy*
- furazolidone & nitrofurantoin in trichomonas ureteritis (Fr) 3137
- symposium (Fr) 3135
- trichomoniasis vaginalis of urethra in males & females (Sp) 4060
- urogenital (Ger) 8697

***TRICHOMONIASIS, VAGINAL** see* **VAGINITIS, TRICHOMONAS**

**TRICHOPHYTON**

*see also* **RINGWORM**
- gypseum asteroides, morphol. of reproductive organs (Ger) 55695
- mentagrophytes, electron microscopy after ultrasonic irradiation 38873
- schoenleini, morphol. study of strains isolated from fatal ringworm cases (Fr) 1419
- terrestre, in Brit. soils 52335

***TRICHOPHYTOSIS** see* **RINGWORM**

**TRICHOSTRONGYLOIDEA**
- Haemonchus contortus isolated from infected cattle & sheep, morphol. study 12742

*infections*
- exper. Ostertagia ostertagi infect. in calves, eff. on weight gain & feed consumption 12730

**TRICHOSTRONGYLOSIS**

*experimental*
- eff. on weight gain, feed consumption & utilization in calves 12730
- Trichostrongylus colubriformis infect. of swine 12752

***TRICHURIS** see* **TRICHINELLOIDEA**

**TRICUSPID VALVE**

*abnormalities*
- atresia, surg., aortopulm. shunt with arterial homografts (Ger) 49067

*diseases*
- coupled hepatic pulsations in tricuspid incompetence, importance as new phys. sign 35631
- incompetence as compl. of mitral commissurotomy 48154
- insuff., funct. & organic, etiol. & diag. (Fr) 7049
- insuff., reversible & gradable, produced in dogs by tobacco-pouch sutures (It) 27437
- insuff., stenosis & rheum. lesions, with mitral valve insuff. & stenosis, diag. & surg. (Rum) 44005
- regurgitation, exper. induction in sheep 2151

*physiology*
- tricuspid component of 1st heart sound in mitral stenosis 14983

*stenosis*
- diag. & postop. progn. 15551
- volumetric & kinetic changes of right lower arch, x-ray kymography (It) 9256
- with micrococcal endocarditis of tricuspid valve, clin. pathol. conf. 7452
- with mitral stenosis, surg., double commissurotomy in one stage (It) 187
- with right ventric. hypertrophy & right-sided endocardial fibroelastosis, case report 35624

***TRIDIONE** see* **ANTICONVULSANTS**

**TRIETHYLENE MELAMINE**

*effects*
- on amphibian embryos 4979
- on cartilage during growth in rats (It) 37458
- on chick embryo early stages 4978
- on morphogenetic processes of head regen. in Planaria vitta 4975

*therapeutic use*
- myelocytic leukemia, statist. 10845
- retinoblastoma, with x-rays 11705
- tumors, increased urinary excretion of metabolites in relation to tumor destruction 26007

***TRIGEMINAL NERVE** see* **NERVES, TRIGEMINAL**

**TRIGEMINAL NEURALGIA**
- allergic etiol. & histamine ther. (Fr) 44742

*etiology and pathogenesis*
- arteriovenous aneurysm of posterior fossa 15836

*surgery*
- (Rus) 10942
- decompression method 23794
- electrocoagulation of Gasserian ganglion, postop. trophic skin changes (Ger) 3996
- mesencephalotomy alone or with mesencephalothalamotomy in herpetic neuralgia 55753
- postop. recur. (Ger) 34609
- preganglionic sections 5527
- technics 54692

*therapy*
- (Ger) 19389
- diphenylhydantoin & its deriv. (Fr) 9158
- ethyl alcohol inject. into gasserian ganglion (Ger) 45979
- intubation anesth. (Ger) 41712
- procaine block (Rus) 21898
- vitamin B12, supra-orbital admin. (Ger) 7374

**TRIHEXYPHENIDYL**

*related compounds*
- cyclimine & procyclidine in ther. of paralysis agitans 43713
- cyclimine & procyclidine, prev. of sickness 4693
- tricyclamol, eff. on gastric secretion in dog & rat 51077
- tricyclamol synergistic eff. with chlorpromazine on basal gastric secretion in peptic ulcer 49721
- tricyclamol, ther. of chronic nonspecific diarrhea, comparison with codeine 48265
- tricyclamol ther. of irritable colon, balloon-kymographic determ. of eff. on motility 35686
- tricyclamol ther. of irritable colon, double blind study 35687

*therapeutic use*
- paralysis agitans, failure to demonstrate develop. of post-ther. glaucoma 2331

**TRIIODOTHYRONINE**
- pharmacol. & ther. use 43795

*effects*
- diabetogenic action in partially pancreatectomized dogs (Fr) 54891
- early metab. eff., comparison with thyrotropic hormone 19672
- impairment of innate resist. of mice to exper. infect 31351
- induction of cardiac hypertrophy in rats & mice after oral admin. 12551
- induction of increase in urinary phosphorus excretion in dogs 12546
- metab. eff., comparison with desiccated thyroid & thyroxin 4843
- on action of aminoacetonitrile on healing of exper. fract. 16977
- on body temperature and oxygen consumption in hypophysectomized & thyroidectomized rats, eff. of ACTH & cortisone 24032
- on hormone secretion by thyroid gland in rats (Fr) 48860
- on isolated frog heart, comparison with thyronine & thyroxin 12492
- on kidneys & nephrogenic hypertension in rat (Sp) 8981
- on kidney weight & renal hypertension in rat (Fr) 26715
- on liver regen. after partial hepatectomy in hypothyroid rats 35100
- on myocardial adenylpyrophosphate, inorganic phosphorus & phosphocreatine content in thyroidectomized rats (It) 37516
- on perchlorate-induced goiter in rat (Ger) 35124
- on radiosensitivity of normal & neoplastic rat tissues 52306
- on reduction of ring A of cortisone by rat liver 12549
- on serum albumin catabolism rate in man 4877
- on thyroid funct. in euthyroid subjects 4850
- on weight & histol. of adrenal cortex in orchiectomized rats 40071

*metabolism*
- brain & pituitary of male guinea pig, localization by radioiodine 15607
- brain, heart, intestine, kidney, liver & spleen of rats in vitro 49260
- conjugation with sulfuric acid & excretion in bile after admin. to rats (Fr) 26730
- erythrocyte uptake in supraventric. tachycardias 50419
- erythrocyte uptake in vitro, use as thyroid funct. test 50420
- kidney, liver, musc. & spleen tissue from rats, metab. of triiodothyronine & its acetic & propionic acid analogues in vitro 49252
- liver from rabbits in vitro, perfusion studies 49253

*related compounds*
- bromothyroacetic acids & bromothyronines, assay of biol. activity in accelerating metamorphosis of tadpoles 37108
- deiodination during desalting electrodialysis of triiodothyronine & related cpds. 20752
- liothyronine & 3,3',5-triiodothyroacetic acid, diag. & ther. value in thyroid gland dis. (Ger) 3295
- sulfate deriv. in blood & bile after admin. of triiodothyronine (Fr) 8013
- sulfuric ester of 3,5,3'-triiodo-L-thyronine in blood after admin. in rats (Fr) 28658
- sulfuric ester of 3,5,3'-triiodo-L-thyronine, metab. in thyroidectomized rat (Fr) 26752
- synthesis in toad tadpoles & adults 50374
- triiodothyroacetic acid & triiodothyronine, eff. on metabolic rate, blood lipids & thyroid size & funct. in non-toxic goiter 15158

3, 3', 5-triiodothyroacetic acid, eff. on cholesterol & coenzyme A levels in thyroidectomized rats (Fr) 48861

triiodothyroacetic acid, eff. on tissue metab. & body temperature in hypophysectomized rats, role of adrenal glands (Ger) 30511

3, 3', 5-triiodothyroacetic acid, immediate eff. on oxygen consumption of myeloid leukemic leukocytes in vitro 41839

3, 3', 5-triiodothyroacetic acid stosather. in sporadic goitrous cretinism 48320

3:5:3'-triiodo-L-thyronine, biliary, urinary & fecal elimination & tissue distribution, in rats, comparison with sulfuric ester of 3:5:3'-triiodo-L-thyronine (Fr) 26666

*therapeutic use*

cholesterolemia (It) 3674

hypothyroidism 35755

hypothyroidism (Ger) 34034

hypothyroidism (Sp) 20654

hypothyroidism in adolescent (It) 20967

indic. (Ger) 25264

liothyronine in female sterility 49515

liothyronine in hypothyroidism, review (Fr) 25083

liothyronine in male sterility 49516

liothyronine in pulm. tuberc. 46935

ment. disord. 50906

myxedema, case report (Sp) 53904

psychoses in adult cretin, liothyronine ther., case report 24634

*TRILENE see* TRICHLOROETHYLENE

*TRIMETHADIONE see* ANTICONVULSANTS

*TRIMETHAPHAN see* AUTONOMIC DRUGS

TRIPELENNAMINE

*anesthesia and analgesia*

in otorhinolaryngol. surg. 49383

local anesth. in oral surg. 19153

tripelennamine-tetracaine solution effectiveness as topical anesth. for percoral endoscopy 34932

*effects*

induction of eosinopenia, inhib. by goiter & thyroidectomy in rat (Sp) 44595

potentiation of pressor responses to epinephrine & sympathomimetic aldehydes 13434

prod. of exper. peptic ulcer, with histamine, eff. of prednisolone (It) 44816

*metabolism*

distribution, excretion & metab. in guinea pig, radiocarbon determ. 51063

*therapeutic use*

allergic dis., with methylphenidyl-acetate (It) 39532

interstitial cystitis 940

rhinitis, vasomotor, with methylphenidylacetate & sandostene (Cz) 14843

tripelennamine-dimethyl-dodecylphenoxyethyl ammonium-iodochlorhydroxyquin prep. in skin dis. (Sp) 53354

*TRIPEPTIDASE see* PROTEASES

*TRIPHOSPHOPYRIDINE NUCLEOTIDE see* COENZYMES

TRIPLETS

maternal, fetal & environmental factors in survival 20082

Rorschach test patterns of a set of triplets, case report (Fr) 27657

triplet pregn. with craniopagus twins, case report 18385

*TRIQUETRUM see* WRIST

TRITIUM

in radioautographic studies on chromosomes using tritium-labeled thymidine 51311

in radioautography, liquid emulsion technic 51296

in water & labelled substances, routine assay in proportional gas counter 8024

*TROMEXAN see* ETHYL BISCOUMACETATE

*TROPICAL MEDICINE see* MEDICINE, TROPICAL

TRYPANOSOMA

brucei, eff. of immune sera on resp. in vitro 30379

cruzi agglutinin in sera of embryonic, or normal & of germ-free chickens, correlation with gamma globulin levels 31314

cruzi extracts, ther. of cancer, mechanism of action & statist. (Fr) 45035

cruzi, growth on medium containing specific serum prepared in rabbits 25064

cruzi, isolation from raccoons in Maryland 24699

cruzi-like organism in mammals from So. W. Georgia & No. W. Florida 50999

demonstration of opossum as natural reservoir of Trypanosoma rangeli 16149

desoxyribonucleic acid synthesis in Trypanosoma mega (Fr) 39294

equiperdum, mutation rate & antigenic variation 40944

form. of septa during develop. 47615

gambiense infect. of Glossina palpalis, age of fly at time of infected feed 47602

mega, morphogenesis, determinants (Fr) 39281

morphogenetic eff. of urea (Fr) 27414

rhodesiense, develop. from metacyclic forms in mammalian tissues & in cultures 25069

survival in citrated & glucose-treated blood preserved by refrigeration (Fr) 26687

volutin granules, species comparison 17302

TRYPANOSOMIASIS

*diagnosis*

colloidal gum mastic reaction, evaluation on exper. animals 17716

*experimental*

eff. of 1, 3-bis(p-amidinophenyl)-triazine on trypanosomiasis congolense in mice & rats (Ger) 46258

eff. of 4-(2, 6-diamino-4-pyrimidinylamino)-phenylarsine oxide in mice, monkeys & rats 48233

eff. of metamidium in prev. & ther. in mice 19610

eff. of pyrimidylaminophenylarsonic cpds. in mice 14122

mixed infect. with Borrelia infect., eff. on Borrelia activity (Fr) 1033

Trypanosoma rangeli, isolation from salivary glands of infected triatomid Rhodnius prolixus (Por) 16128

uninterrupted intracerebral passage of Trypanosoma brucei, equiperdum, & congolense from mouse to mouse, neurotropic mechanism (Fr) 14448

*prevention and control*

in cattle, comparison of protection from various chemother. agents 50479

suramin-ethidium bromide complex in cattle 47605

*transmission*

mixed trypanosomiasis contacted from domestic animals (Por) 12909

TRYPANOSOMIASIS, AFRICAN

*cerebrospinal fluid in*

carbohydrates, hexoses & proteins (Fr) 26776

*complications*

Asian influenza (Fr) 42037

*epidemiology*

in man & animals in Africa 897

in Uganda 10470

*experimental*

uninterrupted intracerebral passage of Trypanosoma gambiense from mouse to mouse, neurotropic mechanism (Fr) 14448

*immunology*

immunizing eff. of repeated doses of antrycide alone or with Trypanosoma congolense in cattle 47603

*prevention and control*

suramin-ethidium bromide complex in cattle, prev. of injection-site reaction 47606

*transmission*

by bushbuck in Kenya, isolation of Trypanosoma rhodesiense 14297

by wild animals 14302A

TRYPANOSOMIASIS, SOUTH AMERICAN

*blood in*

C-reactive protein in chronic form (Por) 16126

*complications*

heart dis. (Sp) 8713

21033

27207

myocarditis (Ger) 11253

myocarditis (Sp) 8711

myocarditis, focal myocardial myocytolysis & coronary arteriolosclerosis, pathol. (Por) 39986

*diagnosis*

(Sp) 9675

complement-fixation reaction (Sp) 31010

complement-fixation reaction, review (Sp) 31020

*epidemiology*

in Argentina (Sp) 20630

in Brazil (Por) 39993

*physiology*

cardiac, arrhythmias & vector ECG analysis of complete bundle branch block 452

cardiac, comparative strength of left & right sides of heart (Ger) 26511

eff. on ECG in mouse 10247

*prevention and control*

benzene hexachloride, control of Triatoma infestans & Panstrongylus megistus in Brazil (Ger) 55577

in Brazil (Por) 39977

TRYPSIN

acetylation in organic solvents 1394

acetyltrypsin chromatography during autolysis & digestion by aminopeptidase & carboxypeptidase 37087

activity after coupling with isocyanatofluorescein (It) 37360

denaturation by urea, potentiation by x-irradiation of trypsin (Fr) 1682

enzymically active material in acetyltrypsin autolysates 1698

kinetic behavior toward synthetic substances, comparison with thrombin & fibrinolysin 7215

stabilization of solutions of trypsin 1349

*antagonists*

determ. in urine & blood, method 32218

in blood of land snail Helix pomatia, relation to circ. shock induced by snail blood in exper. animals (Ger) 29912

in pancreatic juice, characterization 31383

soy bean trypsin inhibitor in ther. of fibrinolysis 1774

trypsin inhibitor in normal urine 46600

trypsin-kallikrein inactivator, ther. of pancreatitis (Ger) 19381

*effects*

antiphlogistic eff. of trypsin & trypsin-antag. (Cz) 38243

hydrolysis of amino acid esters, influence of changes in dielectric strength of medium 50575

induction of exper. pancreatitis, comparison with use of bile & bile salts 54709

mechanism of action & distribution of radioiodine-labeled trypsin in vivo 47735

on biol. activity of purified parotin 49231

on casein, egg white & meat extracts, comparison with papain proteolysis 3443

on chem. & physicochem. properties of purified parotin 49232

on crystalline diphtheria toxin-protein 14096

on exper. vaccinia in rabbits (It) 9352

on fatty liver induced by oral ethionine after oral admin. in rats 16294

on healing of bruised tissue in cattle & rabbits 20745

on induction of acute pancreatitis by interstitial inject. into pancreas in dogs 154

on response of blood coagulation to histamine-liberators & heparin, in dogs (Fr) 26796

*prevention and control*

incidence in formerly-infected area after use of modern prev. & ther. methods (Fr) 1075

*related compounds*

diisopropylphosphoryl-trypsin, determ. of amino acid sequence in diisopropylphosphoryl group 40494

*therapeutic use*

ambulatory use (Pol) 43679

bladder concrements (Ger) 29454

bronchitis, inhalation ther. (Ger) 42332

eye dis., statist. (Cz) 14831

in aerosol treatment of necrosis (Dan) 52713

internal dis., local admin. (Ger) 42348

otitis media, with bacitracin & polymyxin, admin., local (It) 30340

postop. hemopneumothorax after artif. pneumothorax, case report (Sp) 43899

pulm. embolism, postop. recur., with anticoagulant ther. (It) 42691

superficial wds. & purulent secretions in open fract., local admin. (Dut) 44882

thromboembolism, prev. & ther., local admin. (Ger) 6050

thromboplebitis 50793

thrombophlebitis, parenteral admin. 1281

traum. swelling & inflamm. of head & neck 24678

*TRYPSINOGEN see* ENZYME PRECURSORS

TRYPTOPHAN

*deficiency*

eff. on adrenal response to ethyl alcohol, determ. by adrenal content of cholesterol & vitamin C 44284

eff. on enterochromaffin cells & serotonin content in brain & intestines in animals (Ger) 33986

eff. on nitrogen balance, blood pyridine nucleotides & urinary metabolites of nicotinic acid in low-nicotinic acid diet 50967

induction of cataract in rats, eff. on proteins 47037

*effects*

on form. of inner bodies in menadiol tetrasodiumdiphosphate-treated mice (Ger) 39913

tuberculostatic agent in vivo & in vitro 49336

*in urine*

tryptophan metabolites in low-nicotinic acid diet 50969

***metabolism***

Agrobacterium tumefaciens 37104

biochem. defects in conversion of tryptophan to nicotinic acid in exper. neoplasms (It) 31675

biochem. defects in tryptophan-nicotinic acid conversion in avitaminosis, cataract, hypoplastic anemia, diabetes & neoplasms (It) 31674

biosynthesis in microorganisms, role of 1-(o-carboxyphenylamino)-1-desoxyfructose as intermediate (Ger) 47978

blood & urine levels in malignant carcinoid synd. 2616

catabolic routes of DL-tryptophan-α-C14 in rat 40549

conversion to indolacetic acid & tryptamine in animal tissues 40546

corn & tobacco, failure to demonstrate tryptophan as nicotinic acid precursor by isotope technics 40548

disord. caused by liver damage induced by carbon tetrachloride in rats (Rus) 10936

disord., review 55140

eff. of vitamin B2 defic. in rat, comparison of D & L forms (Fr) 38633

eff. of vitamin B6 defic. in x-irradiated rats (Ger) 9991

form. of acetic acid from benzene ring of tryptophan in rats 37107

N-fructose-2-yl-anthranilic acid by-product of tryptophan biosynthesis in Salmonella typhimurium (Ger) 46174

in tumor-bearing animals 49668

in pregn. & pregn. toxemias (Ger) 18932

metab. interrelation with nicotinic acid & requirements in man 24368

metabolites in argentaffinoma, review 20013

nicotinic acid-tryptophan dietary requirements in man, designation in nicotinic acid-equivalents 4424

Pseudomonas species KT 106 from soil, enzymatic resolution 14915

specific binding to serum albumin 40503

***related compounds***

alcohol & aldehyde analogs & phosphate deriv., metab. by tryptophan-utilizing bact. & fungi (Ger) 46160

5-aminotryptophan, synthesis & biol. eff. (It) 3461

5-hydroxytryptophan conversion to serotonin by ultraviolet irradiation (Ger) 39238

5-hydroxytryptophan, eff. on clot retraction (Ger) 10358

5-hydroxytryptophan, eff. on intestinal motility & intraluminal pressure in normal cond. & sprue 39457

5-hydroxytryptophan, eff. on urinary excretion of 5-hydroxyindolacetic acid in liver cirrhosis 49696

5-hydroxytryptophan-induced hyperglycemia in rabbits 19674

5-hydroxytryptophan inhib. of psychol. eff. of lysergic acid diethylamide 50857

5-hydroxytryptophan stability in solutions 41308

tryptophan analogs, eff. on reversion of a tryptophan-requiring strain of E. coli 19568

L-tryptophan esters, eff. on microorganisms 52397

***TUBERCLE BACILLUS*** ***see*** **MYCOBACTERIUM TUBERCULOSIS**

## TUBERCULIN

adsorption to glass 48403

biochem. properties, fractionation by electrophoresis (Fr) 18559

comparative clin. evaluation of old & purified tuberculin (Ger) 18277

comparative potencies of tuberculins produced on different media 12766

cytolysis in vitro of leukocytes from patients of urogenital tuberc. (Ger) 32319

demonstration of tuberculin hypersensitivity in vitro 5615

dried purified tuberculin as antigen, in complement fixation reaction in tuberc. (Rus) 31236

electrophoresis of intact tuberculin & tuberculin treated by different antibiotics (Fr) 13049

polysaccharide antigens, changes in hemo-sensitizing power caused by heat (Fr) 48935

pre-vacc. testing 26014

purified protein deriv., develop., of wheal at test site during asthmatic attack, mechanisms 16625

purified protein deriv. in depot cream form, prep. & multiple puncture tests in humans 22326

purified protein deriv., use of trace elements to improve growth of bacilli 22325

review (Ger) 15647

stability of purified tuberculin in high dilution 48402

***effects***

on blood enzymes in exper. tuberc. in rabbits (Rus) 31210

on exper. tuberc., alone & with streptomycin or isoniazid (Fr) 21399

on exper. tuberc. of thigh in mice 37562

on peritoneal exudate cells of sensitized guinea pigs in surviving cell culture 5149

***poisoning***

exper., chronic, eff. on histobiol. of adrenal cortex (It) 36709

***preparation of***

diluents for stabilization of tuberculin 48404

P. P. D. tuberculin prod., importance of zinc in 29849

purified tuberculin RT 23 prep. 48405

standardization of new batch of purified tuberculin intended for internat. use 48406

***therapeutic use***

with chemother. (Rus) 31224

## TUBERCULIN REACTION

8133

accelerated reaction, eff. of intervals & frequencies of tuberculin inject. (Jap) 18173

anergy in infect. dis. (Pol) 8071

bact. factors responsible for allergic & immunol. reactions (Fr) 26784

comparison of Swedish with Danish ointment (Fin) 54645

comparison with BCG vacc. (Fr) 44942

comparison with delayed-type lipopolysaccharide reaction in tuberc. & normal patients (Fr) 15080

cutaneous plaster tuberculin stamp (Rus) 9886

cutaneous reactivity to intradermal reactions & patch tests, comparison (It) 24922

cutaneous thermometry in course of reaction in man (It) 42615

epidemiol. study of specificity of skin sensitivity to tuberculin 556

leukocytic transfer of delayed tuberculin sensitivity, eff. of specific desensitization 931

local passive transfer of tuberculin sensitivity with peritoneal exudate cells in guinea pigs 5150

new clin. value 16576

passive transfer in differentiation of various serous exudates (Pol) 8097

phase change in tuberc. in child. (Ger) 24308

reaction degree, relation to presence of tuberc. antibodies in sarcoidosis (Ger) 25786

relation to lepromin reaction & eff. of BCG vacc. on nonreactors in healthy leprosy contact child. in Indonesia 50026

review 49183

review (Ger) 15647

sensitivity thresholds in tuberc. & healthy subjects, clin. significance (Ger) 49094

stability of reaction 24726

tuberculin purified protein derivative test compared with Heaf multiple puncture tuberculin in colored school child. of Cape Peninsula near Cape Town 54514

weakened reaction in sarcoidosis (Ger) 39866

***effect of drugs on***

antibiotics & chemother. on sensitivity in tuberc. patients (Pol) 18045

ethylmorphine, inhib. eff. (Ger) 34337

glucose on tuberculin reaction in tissue culture 12805

isoniazid on tuberc. child. (Fr) 20671

reserpine on local skin reaction (Fr) 26779

***statistics***

in Belgians (Fr) 35499

in Georgia high school students 15544

in Honolulu school child. 24727

in Liberian aborigines 47265

in Maine 5308

in ment. hosp. 21737

in Missouri school child., evaluation of tuberc. case finding method 12801

in natives of island of Monserrat, Brit. W. Indies 48196

in newborn & school child. (Bw) 45339

in non-tuberc. dis. in child. (It) 20206

in periodic dis. 16397

in pulm. tuberc. 921

in pulm. tuberc. in diabetics (Ger) 34333

in So. African Bantus with leprosy or tuberc., in leprosy contacts & in normal subjects 16353

PPD-induced, in Japanese (Jap) 29697

PPD-induced, in Japanese, frequency distribution curves, age factors (Jap) 41489

results of repeated use of same inject. site, use of other sites (Jap) 18174

## TUBERCULOMA

incidence & relation to bacteriostatic ther. of caverns (Fr) 32327

nasal cavity (It) 37529

***case reports***

brain 38397

calcified, of basal ganglia, causing hemi-athetosis in child (It) 29722

4th & 5th lumbar disk, pseudotumoral form, surg., 3 year follow-up (Fr) 21395

nasal septum (Sp) 21211

ulceration of tuberculoma in pilot (It) 9391

***surgery***

brain 41224

brain (Fr) 19773

## TUBERCULOSIS

***see also*** **BCG VACCINATION**

advances in diag., chemother. & immunol. 26011

antituberc. factors of milk 19564

classif. & nomenclature in various countries (Bul) 32809

clin. course (Rus) 22153

current status 4078

25851

in domestic & captive wild animals, pub. health aspects 14274

in fish, review 47902

insurance coverage of tuberc. patients in Belgium (Fr) 35491

limitations of specialism in tuberc. & resp. dis. (Sp) 31839

med. record & report forms & technics for outpatient clinics in Hungary (Hun) 10564

minimal, definition, diag. & ther. (Fr) 54165

new manifest. (It) 24918

occup., expert testimony (Ger) 11149

of breast 2865

prev. & ther. (It) 20965

primary extrapulm., diag. & course (Ger) 42406

primary extrapulm. tuberc. (Sp) 53888

research in outpatient tuberc. clinics in Hungary (Hun) 10583

research institute in Russia (Rus) 45737

risk of develop. of tuberc., relation to age of subject at time of infect. (Fr) 46727

ther. & control 2623

***blood in***

antiglobulin in blood of tuberc. patients (Fr) 53987

blood picture & erythrocyte sedimentation as indic. of clin. status (Fr) 54123

leukemoid reaction (Rus) 45121

leukocyte sedimentation rate (It) 6097

non-specific antistreptolysin O (Fr) 9241

protein determ. by zone electrophoresis in starch gels, Smithies' method 24734

***case reports***

avian tuberc. in human 38048

case of faith healing 40659

tuberc. of tongue, with pulm. tuberc., ther. (Pol) 30768

tuberc. septicemia as rare type of primary infect. (Fr) 9193

with multiple tuberc. sites & other disord., clin. pathol. conf. (Sp) 44581

***complications***

diabetes mellitus (Bul) 45283

diabetes mellitus, eff. of antibiotic ther. & chemother. (It) 29844

diabetes mellitus, value of sanatorium schools (Ger) 34345

fistulas, ther., local application of blood clot (Hun) 45472

gastrointestinal dis., differ. diag. value (Ger) 35807

infect. concomitant with extrapulm. tuberc., ther., sulfisoxazole (It) 3719

leukemia, review (Ger) 25796

maxillary sinusitis, case reports 35325

mediastinal lymph node dis., difficulty in etiol. diag. (Fr) 9251

ment. disord., diag. & ther. (Ger) 45459

nephritis & nephrosis (Rus) 41863

pigmented & purpuric lichenoid dermatitis of Gougerot & Blum, pathogen. (Fr) 36519

sarcoidosis, transitional forms (Ger) 27117

Stimmond's dis. (Fr) 54471

***diagnosis***

bacteriol. methods, evaluation 23977

develop. & adaptation of M. tuberc. slide culture method 804

exam. of gastric washings (Rus) 9861

masked sympt. (Rus) 51228

Middlebrook hemolysis reaction, applicability in man & animals (Ger) 23767

serial culturing in paucibacillary processes (Hun) 10565

***epidemiology***

among immigrants in England 2114

in Argentina, correlation of incidence in man & animals (Sp) 27221

in Australia 18724

in Belgian Congo (Fr) 35522

in Belgium, relation to housing policies (Fr) 35488

in Belgium, relation to nutritional status (Fr) 35489

in Brazil (Por) 8777

in Carpathian Mountains (Rus) 31191

in Chile (Sp) 31873

in E. Germany (Ger) 38906

in Greenland (Dan) 45492

in Gurkha natives of Nepal 28992

in Hungary (Hun) 10573

in Russia, in rural localities (Rus) 31168

in Switz., in nursing school (Ger) 44945

in Switzerland (Fr) 44709
44716

in Transkei mission hosp. of So. Africa 9828

in tropical countries, types of tuberc., prev. & management 26020

in U.S., hist. 924

in Yugosl., relation to housing standards (Ser) 27867

relation to antibiotic-resist. of M. tuberc. (Fr) 35494

***experimental***

adrenal & renal absorp. properties, vital staining (Rus) 37203

aggravating eff. of parenteral histamine in rats (Hun) 22358

blood antiproteins, antipolysaccharides & antilipids in rabbit after subcutaneous or intravenous infect. with live human M. tuberc. 13327

blood protein analysis in guinea pigs, electrophoresis (Fr) 21279

blood streptoc. antienzyme levels in guinea pigs (Fr) 3099

brain pathol. in tuberc. induced by intrapharyngeal admin. of pathogens (Rus) 31211

changes in periodic activity of stomach in fasting dogs (Rus) 52982

course in guinea pigs infected with isoniazid-resist. M. tuberc. in various degrees of dispersion (It) 24919

develop. of immunity during isoniazid treatment after massive & minimal infect. with virulent M. tuberc. strain 35918

dissemination pathways (Rus) 25730

eff. of aurothioglucose & copper N'-(m-sodium carboxyphenyl)-N''-α-allyl-thiourea, comparison with dihydrostreptomycin & isoniazid (Ger) 25003

eff. of caffeine on pathogen. in mice (Rus) 52985

eff. of 3-p-chloroanilino-10-(p-chlorophenyl)-2, 10-dihydro-2-isopropyliminophenazine in mice (Fr) 13051

eff. of combined chemother. on leukocyte movements & phagocytosis in rabbits (Jap) 18175

eff. of cycloserine (It) 1541
20995

eff. of cycloserine & pyrazinamide on blood proteins & Middlebrook-Dubos reaction in rabbits (It) 24928

eff. of cycloserine & pyrazinamide on gamma globulin & Middlebrook-Dubos reaction in rabbits vaccinated with killed M. tuberc. (It) 24921

eff. of dietary fats in mice 17439

eff. of dihydrostreptomycin & various volatile oils & their components 36559

eff. of m-ethyl-thiolsonicotinamide on isoniazid resistant tuberc. (Sp) 27877

eff. of hyaluronidase on dissemination of M. tuberc. inoculated into guinea pigs (It) 16017

eff. of intravenous BCG inoculation on develop. of lesions (Fr) 48932

eff. of isoniazid & streptomycin on guinea pig infect. with kanamycin-resist. M. tuberc. 16463

eff. of isoniazid & streptomycin sulfate in mice 25855

eff. of isoniazid on antituberc. hemagglutinins, blood proteins & gamma globulin in rabbits in various exper. cond. (It) 24927

eff. of isoniazid on previously BCG-vaccinated guinea pigs (Jap) 28693

eff. of isoniazid, PAS & streptomycin, comparative histol. & histochem. study (Fr) 21400

eff. of isoniazid, streptomycin & PAS in guinea pigs (Ger) 25793

eff. of isoniazid ultrasonic aerosol in guinea pigs (Ger) 23610

eff. of isoniazid with streptovaricin in guinea pigs (Fr) 36081

eff. of s-isopropylimino-3-(p-chloro)phenylamino-phenazine (Ger) 25810

eff. of kanamycin in guinea pigs 16464
25005

eff. of kanamycin in mice 25004

eff. of PAS, single & double daily doses in guinea pigs 12809

eff. of 1-phenyl-3,6-pyridazinedione & 3,6-pyridazinedione in mice & guinea pigs (Ger) 32317

eff. of prednisone in isoniazid resist. tuberc. in guinea pigs (Ger) 12080

eff. of 4-(α-pyridyl)-4'-isobutoxy-thiocarbanilide, in vitro & in vivo results 12789

eff. of streptomycin (Rus) 25731

eff. of streptomycin, mechanism of action (It) 35158

eff. of thyroid on pathogen. in guinea pigs (Pol) 32179

eff. of tuberculin, alone & with streptomycin or isoniazid (Fr) 21399

eff. of tuberculin on thigh tuberc. in mice 37562

eff. of type of higher nerv. activity on motor chronaxy in dogs (Rus) 7802

eff. of various antimicrobial agents on mice infected with atypical strains 925

eff. of viomycin pantothenate & viomycin sulfate, comparison (It) 3911

eff. of vitamin B complex on survival of guinea pigs (Ger) 25258

eff. of x-rays on reactivity to BCG & streptomycin in guinea pigs (Rus) 22618

eff. on blood procainesterase activity in rabbits & guinea pigs (Fr) 13097

eff. on higher nerv. activity in rats (Ger) 34341

eff. on resist. to exper. plague in mice (Fr) 26749

factors inhibiting & stimulating growth of Mycobacteria in blood & serum of non-immunized & immunized rabbits 52420

glycoproteins in blood & tissue in tuberc. in guinea pig (It) 44825

hamster sensitivity to bovine & human bacilli (Fr) 36082

histopathol. in guinea pigs (Rus) 31237

in guinea pigs with partial & total vitamin C defic., eff. on blood proteins (Fr) 9020

in hamsters (Fr) 47385

induction in hedgehogs during hibernation, comparison with summer infect. (Ger) 37012

inoculation of necrotic tuberc. matter from treated patients into guinea pigs, pathogenicity (Sp) 8922

intracerebral inoculation of M. tuberc. isolated from patients treated & not treated with isoniazid (Sp) 42185

liver phosphorus metab. in guinea pigs (Rus) 31238

lung & spleen absorp. properties, vital staining (Rus) 37181

pyrogenic eff. of protein C from disintegrated M. tuberc. in normal & tuberc. rabbits 13336

tissue bact. counts in minimally-infected guinea pigs, eff. of isoniazid (Ger) 36999

tuberculostatic eff. of tryptophan 49336

use of radioisotopes in study of exper. tuberc., review 25857

vasc. changes, angiography in dogs (Rus) 55247

virulence of isoniazid-resist. M. tuberc. for guinea pigs, relation to viability of bact. at site of inflamm. (Jap) 41488

***immunology***

airborne immunization against tuberc. in guinea pigs 32342

antibact. substances in animal tissues (Ger) 25794

antigen-antibody reactions (Ger) 11140

antigen fixation by erythrocytes in vivo (It) 9353

comparative appearance of tuberculin-sensitized erythrocytes in circulating blood & antibody against tuberculin-polysaccharide in serum in rabbit 22264

comparison of tuberculin & delayed-type lipopolysaccharide reactions (Fr) 15080

Heaf multiple puncture tuberculin test in colored population of Cape Peninsula near Cape Town 54514

hemagglut. by phosphatide from M. tuberc. in various stages of tuberc., diag. value (Fr) 26892

immunol. relation to leprosy studied by BCG, tuberculin & lepromin tests of So. African Bantus 16353

incomplete antibody detection, new method 4344

initial sensitivity to isoniazid & streptomycin of M. tuberc. isolated from patients with untreated primary pulm. tuberc. (It) 24920

interplay of immune substance with tuberculopolysaccharide & its antibody 5192

magnitude of immune response incited by killed & attenuated mycobact. in mice 17405

natural & acquired resist., relation of humoral factors 24728

natural resist. in cats, extraction of lipid substance active against M. tuberc. from lungs (It) 16010

natural resist. in cattle, horses & dogs, extraction of lipid substance active against M. tuberc. from lungs (It) 16011

natural resist. in rabbits, extraction of lipid substance against M. tuberc. from lungs (It) 16009

non-living vaccines 10542

passive allergy to tuberc. antigen in animals (Bul) 32813

Petragnani's anatuberculin vacc. in guinea pigs treated with isoniazid, comparison with BCG vacc. (It) 43268

resist. to re-infect., mechanism (It) 37299

responses to M. tuberc. antigens, exper. aspects 8338

Salvioli's diffusing vaccine in inf. (It) 42733

Salvioli's diffusing vaccine test & BCG test, diag. value in child. (It) 3968

supporting structure of immun. in ther. of tuberc. 12783

***in aged***

diag. & ther. problems (Ger) 10548

of brain 48378

***in infant and child***

(Rus) 20286

adsorption of tuberculin-polysaccharide to erythrocytes in serum from tuberc. child. 22265

antibiotic-resist. of Hemophilus pertussis isolated during epidemic of whooping cough (Ser) 27861

blood proteins determ. (Rus) 43558

case report (Cz) 14861

chemother. with corticother. (Sp) 8931
8932

congen. (Fr) 54141

congen. case (Rus) 31239

diag., methods (Sp) 8929
8930

diag., smears, cultures & animal inoculations of bone marrow & peripheral blood aspirates 5723

diag., ther. & prev. (Ger) 3282

generalized untreated, compl., hemi-athetosis caused by calcified tuberculoma of basal ganglia & multiple lymph-node calcifications (It) 29722

in Poland (Pol) 16044

in Russia (Rus) 31219

incidence since discovery of streptomycin & isoniazid, in child. of Milan, comparison with pre-antibiotic period (It) 42792

prev. in Russia, progr. (Rus) 9917

prev. in Tunis (Fr) 22388

psychol. factors, review (Ger) 11114

ther., adrenal cortex hormones 20285

ther. at tuberc. department in unified hosp. system in Russia (Rus) 31192

ther., isoniazid & streptomycin, rectal admin. (Sp) 6604

ther., isoniazid, side-eff. (Cz) 38314

ther., isoniazid with PAS & streptomycin, intermittent admin. (Ger) 25806

with giardiasis & eosinophilia, case report (Pol) 30400

***in pregnancy***

2989

early diag. (Rus) 45110

in pregn. & lactation, vitamin C metab. in (Rus) 31204

***microbiology***

staining characteristics & morphol. of isolated resist. M. tuberc. & relation to clin. picture (Jap) 18172

***pathology***

necropsy, correlation with clin. diag in occult hematogenic tuberc. (Por) 16479

NS patho-histol. changes 25853

permeability of caseous material from human & exper. sources to labeled rose bengal, radioautographic determ. (It) 37446

reactivation in excessive weight loss during ther. of fat diabetes & obesity (Fr) 29145

***physiology***

neural reactivity (Ger) 25791

neural reactivity, value of electroneurogram in determ. (Ger) 25792

problem of allergy in tuberc. (Fr) 46722

reaction time & ECG, relation to body constitution & size of sella turcia (Ger) 22885

resp. & vasc. reflexes (Rus) 51209

***prevention and control***

antibiotics in E. Germany (Ger) 11113

chemoprophylaxis (Hun) 10577

chemoprophylaxis (Por) 44470

contact exam. (Ger) 46201

current concepts (Ger) 22336

current problems 41175

disinfect. of stables & agricultural equip., evaluation of prep. (Ger) 45464

importance of med. research 9270

in Argentina, statist. (Sp) 3312

in Austria, isoniazid ther. (Ger) 22825

in Belgium (Fr) 35505

in Belgium (Fr) 35514

in Belgian Congo (Fr) 35518 35519 35520 35521

in Belgium, legislation (Fr) 35492

in Belgium, pub. health legislation on hospitalization in general hosp. (Fr) 35509



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

in Belgium, soc. legislation & indust. hyg. aspects (Fr) 35490
in Belgium, soc. serv. programs (Fr) 35513
in Brazil (Por) 21088 21089 44464 44465
in Colombia, antituberc. dispensaries, hist. note & organiz. (Sp) 44546
in Czech. (Cz) 38115
in Czech. regional hosp. (Cz) 38363
in Denmark (Dan) 41958
in E. Germany (Ger) 34351
in France, in university students & school child. (Fr) 35517
in France, participation in International Conference of Tubere. in New Delhi, India (Fr) 10031
in Gt. Brit. 36009
48306
in Hungary, extrapulm. tuberc. (Hun) 19744
in Italy (It) 1112 6271 6274 6282 18534
in Italy, for adolescents (Fr) 20612
in Kansas 50686
in med. personnel (Ger) 20611
in Mexico, sanatorial ther. plan (Sp) 8928
in Portugal, hist. & trends (Por) 50090
in Russia (Rus) 31220
in Russia, in rural areas (Rus) 31218
in Russia, research planning (Rus) 33507
in Russia, role of newspapers (Rus) 31190
in U. S., current trends 53052
in U. S., progr. & current research problems 13800
in Yugosl. (Ser) 10561
isoniazid, prev. ther. (Dan) 41960
isoniazid prev. ther., comparison with BCG vacc., review (Fr) 53237
isoniazid with concomitant BCG vacc., results in Espírito Santo, Brazil (Por) 8780
mass surveys, controlled evaluation 20880
mechlorethamine room disinfection (Ger) 42942
role of GP 40828

*statistics*

eff. of antituberculotic drugs (Sp) 21038
in GP (Rus) 51205
in institutes of pathol. (Ger) 11366
in Italy (It) 6270 6271 6272 6273 6275 6276 6277 6279 6280 6281 6283 18535 18536 18537
in Japan, mortal. 22917
in med. workers (Rus) 31190
in Rhode Island, non-hospitalized patients 33084
incidence in alcoholics and non-alcoholics, in France (Fr) 21403
incidence in discoid & disseminated lupus erythematosus (Hun) 48076
morbidity in alcoholic cirrhosis (Fr) 31905
mortal. in Belgium (Fr) 35498
mortal. & morbidity in Finland (Fin) 49202
mortal. & morbidity in U. S. 24636
survey of changes in sanatorium population 18023

*surgery*

anesth., pregnane-21-ol-3,20-dione succinate (Ger) 22836
CNS (Rus) 56306

*therapy*

(Sp) 33433
abdom. tuberc. sarcoidis (It) 13659
ACTH & cortisone (Ser) 22357
ACTH, cortisone & prednisone (Fr) 26178
adrenal cortex hormones (Sp) 44393
adrenal cortex hormones, indic. & contraindic. (Ger) 3267
antibiotics 7431 19847
antibiotics & chemother., eff. on BCG test & tuberculin sensitivity (Pol) 16045
antibiotics, value in rehabil. of workers (It) 244
application of test for sensitivity of M. tuberc. to various antituberc. drugs (Fr) 35495
care in general hosp. 20892
care in home (Ger) 43319
care in sanatoria 45807
cerase 14155
chemother. 26015 30116 39439
chemother. agents, review (Ger) 36948
chemother., structural basis of ther. eff. (Hun) 45470
cortisone & ACTH (Bul) 32790
cycloserine (Ser) 22355
cycloserine, review (Rus) 54578
cycloserine & pyrazinamide, review (Ger) 51786
diets in sanatoria (Fr) 10221
dihydrostreptomycin, compl. in patients under sanatorium care (Fin) 27273
drug ther., comparison in non-hospitalized with immediately hospitalized patients 15557
in tropics 51166
isoniazid, develop. of secondary sensitivity after initial resist. (Ger) 37001
isoniazid, dynamics of develop. of resist. (Ger) 37000
isoniazid, hazards & prev. of resist. (Fr) 37760
isoniazid, PAS & streptomycin, eff. on blood coagulation (It) 32095
isoniazid, PAS & streptomycin resist. in not-pretreated patients (Ger) 25911
isoniazid, PAS & streptomycin, sensitivity statist. (Fr) 35495
isoniazid, PAS & streptomycin, stimultaneous intravenous admin. (Ger) 22835
isoniazid-PAS, long-term ther., statist. (Ger) 43846
isoniazid, resist. (Ger) 55078
isoniazid, resist. in adolescents, eff. on progn. & ther. (Ger) 10554
isoniazid-thiosemicarbazone prep. (Ger) 34343
N-(α-methylfurfuryl)-isoniazid (It) 52056
phys. & vocational rehabil. in Argentina (Sp) 44576
prednisone-ACTH & tuberculostatics in extrapulm. & pulm. tuberc. (Sp) 32443
rehabil. (Ger) 55079
rehabil. in sanatoria (Ger) 34352
rehabil. of adolescents (Ger) 55080
rehabil. program 18022
rehabil. program in E. Germany, organiz. (Ger) 11133
rehabil. program. of Alberta Tubere. Assoc., Canada 14636
review 20570
role of GP 43161
streptovaricin (Por) 21026
sulfoniazid in various types of tuberc. (It) 39525
tuberc. abscesses of psoas musc. & presacral region (Ger) 34356
tuberculostatic drugs causing endocrine disord., review (Ger) 11214
tuberculostatic drugs, eff. on succinic hydrogenase metab. (Rus) 49435
vitamin D2 with antibact. prop. in peritoneal tuberc. (Rus) 31203

*urine in*

17-ketosteroids, eff. of weather (Ger) 34354

TUBERCULOSIS, BOVINE

*epidemiology*

in Fr. Morocco (Fr) 8384
in man, in Germany (Ger) 10551

*in infant and child*

causing primary abdom. tuberc. (Fr) 25463

*prevention and control*

(Ger) 11160
in Belgium (Fr) 35493

*transmission*

to man from infected cattle stalls (Ger) 11159

TUBERCULOSIS, CARDIOVASCULAR

*case reports*

(Ger) 37014
probable tuberc. myocarditis in regressive congestive heart failure & cardiac enlargement in long active pulm. tuberc. (Fr) 29140

*complications*

ventric. aneurysm, case reports (Fr) 23647

*pathology*

morphol. & histogenesis, review (It) 25527

*therapy*

exudative pericarditis, prednisolone ther. (Ger) 29408
papulonecrotica (Fr) 36525
prednisone & streptomycin in tuberc. adhesive pericarditis, case report (Fr) 8311

TUBERCULOSIS, CUTANEOUS

*see also* LUPUS

*see also* SCROFULA

papulonecrotic, definitions & concept as a med. entity 23356
prev. & ther. (Rus) 45136
review (Ger) 38859

*blood in*

protein fractions, eff. of isoniazid, streptomycin & vitamin D2 ther. (Pol) 44189

*case reports*

erythema indurativa 37551
papulonecrotic, of glans penis 23369
papulonecrotic of penis (Sp) 35536
with pseudo-epitheliomatous papillomatosis & epithelioma (Fr) 27879

*complications*

renal tuberc. (Rus) 10716

*diagnosis*

methods (Sp) 345

*differential diagnosis*

leishmaniasis, cutaneous (Ger) 3221
tuberc.-like infect. of abrasions in swimming pools, caused by Mycobacterium balnei, Mycobacterium marinum or Mycobacterium smegmatis (It) 43260

*etiology and pathogenesis*

BCG vacc. causing Willard's lupus, case report (Fr) 37871
traum. (Rus) 9904

*in infant and child*

ther., N-(4-hydroxy-3-methoxy) benzal isonicotinic acid hydrazone with vitamin D2 (Rus) 9862

*manifestations*

leg ulcer in erythema induratum, differ. diag. (Ger) 42385

*statistics*

in Hungarian county hosp. (Hun) 48077

*therapy*

(Fr) 6368
BCG, oral admin. with isoniazid (Hun) 48075
mineral water as adjuvant ther. (Sp) 2957
papulonecrotic, ther. by adrenal cortex hormones with antibiotics (Fr) 36867

TUBERCULOSIS, ENDOCRINE

(Fr) 33411

*case reports*

clin. pathol. consi. 19825
thyroid 37657

*complications*

Addison's dis., (Fr) 25077
pituitary, hemocytoblastic reaction & capillary toxicosis (Rus) 31189

*experimental*

pancreas, intraperitoneal inoculation in guinea pigs 12917

TUBERCULOSIS, FEMALE GENITAL

54874
(Ger) 11461
diag. & ther. (Rus) 45112
diag. & ther. in puberty (Fr) 15163
latent (Sp) 30240
latent, early diag. & ther. (Ger) 45462
latent forms, classif. (Fr) 9033

*blood in*

C-reactive protein (It) 6858
carbohydrate determ. by phenylaniline test, differ. diag. value & comparison with values found in pregn. & inflamm. of true pelvis (Hun) 10569

*case reports*

cervix, with cervical cancer (Sp) 54903
isolated unilateral ovarian tuberc., pathol. (Ger) 37006
successful pregn. after ther. (Dut) 7315
synechia of uterus (Fr) 39757
uterine (Fr) 31093
uterus & adnexa (Dut) 30016

*complications*

pulm. tuberc. in endometrial tuberc. (Dut) 7294
salpingitis, causing recur. ectopic progn. 236
salpingitis with ectopic pregn. (Heb) 16086
simultaneous genital tumors (Ger) 18345
sterility (Ser) 10516
sterility & extra-uterine pregn., prev. in latent tuberc. in GP (Fr) 3705
sterility, clin. management of suspected pelvic tuberc. 10059
sterility, incidence & progn. (Fr) 27729
sterility, living births following streptomycin & isoniazid ther. 17837
tuberc. infect. of ovarian dermoid cyst with bladder perf. (Rus) 55169
tubo-intestinal fistula, diag., hysterography, case report (Fr) 18083
tumors of genitalia (Hun) 10574

*diagnosis*

adnexitis, diag. problems (Fr) 45002
bacteriol. (Hun) 51422
bacteriol. & histopathol. methods (Ger) 46074
bacteriol., value (Ger) 33952
comparison of various methods (Ger) 34585
determ. by laboratory culture of M. tuberc. (Ger) 55693
exam. of menstrual blood by hematophore, value & technic (Ger) 34334
hysterosalpingography (Sp) 7580

hysterosalpingography in tuberc. of internal genitalia (Rus) 46827

hysterosalpingography in utero-salpingeal tuberc. 9482

M. tuberc. in menstrual blood (Ger) 22340

review (Cz) 26527

***epidemiology***

in Hungary (Hun) 10588

51429

in Indonesia (Indonesian) 41980

***in ages***

surg., vaginal hysterectomy (It) 21480

***in pregnancy***

placental lesions, successful delivery in primipara (Ger) 34577

with ectopic pregn. (Sp) 31023

***manifestations***

amenorrhea 17836

***pathology***

histopathol. (Ger) 29452

***surgery***

(Ser) 21939

after failure of med. ther. 7600

***therapy***

chemother., eff. on subsequent pregn. 7601

med. & surg. ther. (Sp) 43895

oleandomycin with tetracycline, in tuberc. with aspecific infect. (It) 42571

PAS & streptomycin, postther. tubal pregn. 17838

review (It) 9404

***transmission***

infectiousness (Ger) 22347

**TUBERCULOSIS, GASTROINTESTINAL**

esophagus, clin. manifest. & ther. (Ger) 11380

***case reports***

esophageal tuberc. (Sp) 31007

gastric tuberc. simulating duodenal ulcer with postgastrectomy recur. ulcer (Hun) 45473

hyperplastic tuberc. of distal colon 2149

primary tuberc. of stomach 50606

tuberc. pyloric stenosis (Pol) 8094

***complications***

acute enteritis with perf., surg. 47601

mesenteric plexus cold abscess, tumoral form, case report (Fr) 29136

peptic ulcer, surg., gastrectomy, postop. recur. ulcer of gastric stump (Ger) 49127

perf. of tuberc. ulcer of small intestine, review & case reports (It) 15901

peritonitis, ther., antibiotics & ACTH (Cz) 26534

***in infant and child***

bovine tuberc., primary abdom. (Fr) 25463

perityphlic, diag. problems (Pol) 30401

***manifestations***

atypical form (Fr) 18624

stenosis of small intestine, case report (Fr) 434

***surgery***

(Rus) 45214

**TUBERCULOSIS, HEPATIC**

***complications***

atrophic cirrhosis (Rus) 54578

hypersplenism in hepatic-splenic tuberc. (Pol) 43659

***therapy***

prev. of compl. caused by tuberculostatics (Ger) 42391

**TUBERCULOSIS, LARYNGEAL**

pharyngolaryngeal tuberc. & laryngeal tuberc. assoc. with laryngeal cancer & pulm. tuberc. (Fr) 41144

with pulm. tuberc., diag., ther. & progn. 48193

**TUBERCULOSIS, LYMPH NODE**

***see also*** **SCROFULA**

cervical, clin. manifest. & ther. (Ger) 22341

cervical, diag. & clin. manifest. (Ger) 19032

classif. & ther., review (Fr) 6373

diag. & ther. (Ger) 19019

***case reports***

case simulating laryngeal cancer, correct diag. by 4th biopsy (Sp) 23911

cervical, with pulm. tuberc. 49648

mediastinal tuberculoma (Ser) 9960

mesenteric, clin. & histopathol. (Rus) 5952

with anemia & leukemia (Fr) 32204

with stomach cancer (Ger) 45966

***complications***

bronchial lymph node fistula after surg. (Fr) 32062

bronchial lymph node fistula, endoscopic aspects (Fr) 32069

bronchial lymph node fistula in pulm. tuberc., incidence & diag. (Fr) 32067

bronchial lymph node fistula in silicosis (Fr) 32061

bronchial lymph node fistula in tunnel worker (Fr) 32063

bronchial lymph node fistula, incidence & diag. (Fr) 32066

bronchial tuberculo-anthracotic lymph node fistula in aged (Fr) 32065

calcification of latero-cervical & mesenteric lymph-nodes in untreated generalized tuberc. in child (It) 29732

mesenterial, with stomach cancer (Rus) 45189

perf. into bronchi in adults, diag., bronchoscopy 3369

pulm. tuberc. & lung cancer (Fr) 32068

tracheal lymph node fistula causing asphyxiant granuloma of trachea (Fr) 32064

unusual case (Sp) 29364

***diagnosis***

histol. exam. of punctates (Rus) 31212

tumor-like tuberc. of mesenterial & retroperitoneal nodes, x-ray diag. (Rus) 10830

***differential diagnosis***

(Ger) 19048

cat scratch dis. by lymph node smears (Ger) 21657

cervical, from branchioma (Ger) 22345

***experimental***

renewal of infect. of lymph nodes in guinea pigs treated with isoniazid (It) 24929

***in infant and child***

(Fr) 46860

cervical adenitis in primary infect., ther., adrenal cortex hormones (Fr) 30443

cervical, statist. 22585

late pulm. lymph node manifest. after ther. of tuberc. meningitis (Sp) 8879

primary pulm. lymph node infect., cortisone ther. of bronchial compl., comparison with isoniazid & PAS (Fr) 30444

primary pulm. lymph node tuberc. (Por) 44476

ther. of tracheobronchial lymph node tuberc. (It) 3630

ther., prednisone in primary pulm. lymph node tuberc. (Por) 44472

tracheobronchial nodes, bronchoscopy & tomography of bronchial lesions (Pol) 16037

***pathology***

reactivation in excessive weight loss during obesity ther. (Fr) 29138

Ziegler's atypical tuberc., relation to Boeck-Schaumann dis. 25854

***statistics***

in Negroes (Fr) 24125

***therapy***

conservative ther. & surg. in cervical adenitis (Ger) 19385

mineral water as adjuvant ther. (Sp) 2957

**TUBERCULOSIS, MALE GENITAL**

epididymis (Sp) 51621

epididymis, clin. manifest. & surg. (Rus) 10718

***case reports***

papulonecrotic, of glans penis 23369

papulonecrotic tuberc. of penis (Sp) 35536

tuberc. epididymitis assoc. with spermatic granuloma 45579

***complications***

basilar meningitis complicated by nephrolithiasis & paraarticular ossification of hip after tuberc. epididymitis (Cz) 38113

***surgery***

epididymectomy, technic (Fr) 35526

**TUBERCULOSIS, MENINGEAL**

current problems, review (Rus) 46340

pathogen. & epidemiol. (Ger) 42293

***case reports***

combined cryptococcal & tuberc. meningitis with reticulum cell sarcoma 12810

localization in spinal meninges without cerebral involvement (Fr) 44944

with lymphohistiocytic encephalitis & caseous lymphangitis of brain, clin. pathol. conf. (Sp) 43928

***cerebrospinal fluid in***

oxidation, in differ. diag. from serous meningitis (Rus) 31209

phosphohexoisomerases (Pol) 43680

proteins (Rus) 20288

***complications***

bilateral aseptic focal necrosis of femoral head, case report (Fr) 19354

blindness, ther., nicotinic acid 40320

epilepsy, EEG & x-ray manifest. (Fr) 21339

late seq., incidence & significance (Ger) 30049

optic atrophy, ther., nicotinic acid 40917

spinal arachnitis & syringomyelia after intrathecal streptomycin ther. (It) 27678

***diagnosis***

bacteriol. diag. with molecular filter membranes, value (Sp) 21175

Dandy's test, value in unilateral disord. of vestibular funct. (Ger) 36444

Levinson's test 50614

***experimental***

meningoencephalitis, prod. by inject. of killed M. tuberc. in rabbits (It) 9762

***in infant and child***

(Por) 8792

brain calcifications as seq., x-ray & differ. diag. (Rus) 55307

caused by BCG vacc. 14230

37744

caused by isoniazid-& streptomycin-resist. strain of M. tuberc., in 3-year-old child (Fr) 21397

causing diabetes insipidus, case report 1406

causing ment. defic. 37684

causing ment. disord. (Rus) 34792

causing skull changes, x-ray diag. (It) 53787

early positive & differ. diag., value of Takata-Ara & tryptophan tests & exam. of eye fundus (Fr) 35461

eye fundus manifest., diag. value of systematic exam. (Fr) 7073

fatal meningoencephalitic compl. of miliary tuberc., clin. pathol. conf. (Sp) 1821

meningoencephalitis with paraplegia & osteoarthropathy of hip in 4-year old child (Fr) 53036

pathogen. & ther. (Ger) 25275

prev. (Rus) 54577

prev. & control in Czech., statist. (Fr) 25476

remote psychol. & somatol. changes (Ger) 4026

residual caseous lymph node lesions in lungs after treatment 6879

ther. (Por) 21093

ther., drugs, without subarachnoid admin. (Rus) 20289

ther., isoniazid, eff. of EEG (Fr) 4025

ther., oral isoniazid, indic., compl. & bact. resist. problems (Ger) 34030

ther., streptomycin, eff. on cardiovasc. system (Rus) 31227

ther., streptomycin, without subarachnoid admin. (Rus) 31203

ther. without subarachnoid admin. of drugs (Rus) 31172

with cerebral calcification, x-ray manifest. & statist. 35429

***pathology***

histopathol. of treated cases (Pol) 32176

***statistics***

in Belgium (Fr) 35500

in Negroes (Fr) 24125

***therapy***

ACTH & isoniazid in adults, results (Fr) 50782

adrenal cortex hormones adjuvant (Ger) 25788

adrenal cortex hormones, eff. on CSF (Ger) 49101

adrenal cortex hormones with isoniazid, PAS & streptomycin (Rum) 6585

chemother. without intrathecal admin. of drugs (Ser) 10559

drug. ther. (Bul) 32778

isoniazid (Fr) 50782

isoniazid & streptomycin, sensitivity statist. (Fr) 35497

isoniazid, oral admin. (Ger) 19308

isoniazid, PAS & streptomycin, in adults (It) 3638

long-term. progn. after ther. 10429

results (Fr) 30051

**TUBERCULOSIS, MILIARY**

***blood in***

leukemoid reaction (Ser) 51698

***case reports***

(Hun) 45475

chronic, apyretic (Fr) 5329

develop. in benzene pois. with liver cirrhosis & osteosclerotic leukoerythroblastic anemia (Ger) 27447

with diabetes insipidus & organic confusional state 28080

***complications***

thymoma, malignant, with perf. of small bowel & generalized peritonitis, clin. pathol. conf. 3782




Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

*diagnosis*
aspiration liver biopsy 51548

*differential diagnosis*
disseminated cryptococcosis of lungs (Sp) 53895
lupus vulgaris simulated by nasal & pharyngeal miliary tuberc. (It) 48109

*in infant and child*
diffuse calcified miliary tuberc. (Fr) 51500
ther., cortisone & prednisone, mechanism of action (Ger) 15406
with fatal meningoencephalitic compl., clin. pathol. conf. (Sp) 1821

*in pregnancy*
case report (It) 3639

## TUBERCULOSIS, OCULAR

*complications*
macular neuroretinitis in adolescents, ther. (Fr) 7074

*diagnosis*
hemagglut. test (Ger) 28931

*etiology and pathogenesis*
develop. after BCG vacc., statist. 23889

*therapy*
at ophthalmol. department of tuberc. hosp. of Orsen (Ser) 10583
climatother., importance of hygienic-dietetic regimen in mountains (Ser) 33369
sanatorium care, indic. (Rus) 31167
streptomycin with nicotinic acid in tuberc. chorioretinitis (Rus) 33514

## TUBERCULOSIS, OSTEOARTICULAR

*see also* TUBERCULOSIS, SPINAL

diag. & case reports 49648
diag. ther. 26017
femur neck & greater trochanter, x-ray manifest. & surg. 4787
in Ancient Egypt (Fr) 9515
posttraum. (Hun) 18598

*blood in*
proteins, eff. of surg. (Hun) 10570

*case reports*
bursitis of iscnial tuberosity (Rus) 31187
ischiopubic (It) 39672
malleolus fibulae (It) 39669
mandible & zygoma (Ser) 33370
tuberc. abscess of sternum, late postop. arterial hemorrh. through healing abscess cavity, emergency ther. using wooden stopper, unusual case report (Ger) 8055
with secondarily infected paravertebral abscess, surg. 10534

*complications*
pre-calculus renal lesions, manifest. & etiol. factors in chemother. 18062
rheum. arthritis, Waaler-Rose reaction test 36308
shortening of leg in tuberc. of hip, surg., shortening osteotomy of healthy thigh (Ger) 23182
urinary tract tuberc. (Ger) 11158
wrist osteolysis in syringomyelia (Pol) 38476

*diagnosis*
mass photofluorography in early diag. (It) 24951
tomography (Rus) 43407

*differential diagnosis*
bone cancer (Ger) 46202

*epidemiology*
in Belgium (Fr) 35500
in Belgium, endemicity (Fr) 35501
in Kenya 14782

*etiology and pathogenesis*
bone inj. (Ger) 19337
tuberc. coxitis after osteosynthesis of femur neck fract. (Ger) 34557

*in infant and child*
blood glycoproteins & proteins, correlation (It) 35613
conservative ther. of periarticular foci (Pol) 38467
exercise ther. (Rus) 31226
hip (Ser) 22356
synovial tuberc. in child., ther. (Ser) 23683
with pulm. tuberc. (Bul) 28711

*surgery*
arthroplasty (Bul) 28765
arthroplasty of knee (Ger) 34566
coxitis, arthrodesis, Brittian technic (Rus) 43417
direct surg., evaluation (Fr) 50634
hip acrylic arthroplasty (Pol) 38461
hip arthrodesis (Bul) 41570
hip, new method (Rus) 18206
hip, sequestration of proximal femoral end (Rus) 31206
intra-articular arthrodesis of knee (It) 25604
ischiofemoral arthrodesis in tuberc. of hip (Ser) 35064
knee joint, synovectomy (Ger) 34290
Olbi operation (Bul) 28766
partial joint resect. (Bul) 28767
resection of tuberc. elbow in adults (Fr) 37764
sacroiliac joint (Ger) 34289
synovectomy & osseous curettage in knee tuberc. (Fr) 11993
synovectomy with évidement in hip tuberc., case report (Fr) 21386

*therapy*
(Hun) 10590
calcaneum, surg., with antibiotic ther. (Ger) 11377
current status, review (Sp) 43867
med. & surg., direct approach technics in focal infect. (Fr) 54604
med. & surg. ther. (Sp) 2931
mineral water as adjuvant ther. (Sp) 2957
sanatorial problems & programs (Fr) 31588
streptomycin, results in patients of U.S. Veterans Admin. hosp. 16990

## *TUBERCULOSIS PAPULONECROTICA* *see* TUBERCULOSIS, CUTANEOUS

## TUBERCULOSIS, PULMONARY

(Sp) 26013 9681
anatomopathol. & statist. comparison with pulm. cancer in U. S. (Fr) 8245
as occup. dis., expert testimony (Ger) 10557 11368
as occup. dis. in butchers & agricultural workers (Ger) 11120
bronchoscopy, diag. & ther. value (Bul) 32765
diag. & differ. diag 4195
diag., pathol. & case reports 49648
disability evaluation (Rus) 9885
employment in indust. plants (Rus) 21905
in military personnel with demonstrable preinfect., expert testimony (Ger) 42394
in veterans, pensions for delayed tuberc. contracted during military serv., in Italy (It) 19238
pathol. & ther. (Sp) 49159
recur. after sanatorial ther., in students in Paris (Fr) 32073
recur., detection by private physicians (Fr) 32075
recur., evaluation of risks & progn. (Fr) 32070
recur. in hospitalized patients, after antibiotic ther., alone & with surg. & pneumothorax (Fr) 32074
recur. in patients treated with isoniazid, statist. of tuberc. center in France (Fr) 32077
recur., negligence as major cause (Fr) 9250
recur., risk in minimal tuberc. treated with antibiotics (Fr) 32071
recur., risks, reaction to new ther. agents & collapse ther. (Fr) 32072
review (Ger) 42927
silicotuberc., blood tributyrinase (It) 39360
silicotuberc., C-reactive protein, Middlebrook-Dubos reaction & sedimentation rate (It) 39361
silicotuberc., C-reactive protein, value in differ. diag. from silicosis (It) 27464
silicotuberc., differ. diag. from silicosis (Ger) 34357
silicotuberc., differ. diag. from silicosis, value of scalenus lymph node biopsy (Sw) 10170
silicotuberc., differ. diag. of active from inactive forms, polarographic blood reaction (Ger) 35601
silicotuberc., early x-ray manifest. (It) 44311
silicotuberc., fibrosis & RE hyperplasia of mediastinal lymph nodes (Pol) 7769
silicotuberc. in coal miners (Cz) 30953
silico-tuberc. in coal miners, clin. study & review (Fr) 43783
silicotuberc., in Yugosl. (Ser) 25720
silicotuberc., isolation of atypical M. tuberc. in miners (Fr) 24124
silicotuberc., med. & combined med.-surg. ther., comparison 12785
silicotuberc., pathogen. (It) 18531
silicotuberc., pulm. venous admixture in (It) 42230
silicotuberc., ther. review (It) 43342
soc. welfare & pensions for tuberc. patients in Uruguay (Sp) 44575
ther. & post-discharge employment (Dut) 25402
tracheobronchial tuberc. (Sp) 44539
tuberculoma, cassified giant (Fr) 53245
tuberculoma, cheesey (Rus) 31195
tuberculoma, clin. significance 2863
tuberculoma, clin., x-ray & gross pathol. aspects 922
tuberculoma, massive (Ger) 45461
tuberculoma, multiple, differ. diag. & pathogen. (Ger) 45460
tuberculoma, pathol. & ther. (It) 42690
tuberculoma, postop. recur. (It) 36835
tuberculoma, ulceration in pilot (It) 9391
work capacity (Ger) 55081

*blood in*
erythrocyte osmotic resist. (It) 21423
erythrocyte sedimentation & Seabra lipase index, clin. value & correlation (Por) 8790
glutamic oxalacetic & glutamic pyruvic transaminases (It) 20815
leukocytes, cytochem. & cytomorphol. (It) 42684
lipids, eff. of nicotinic acid (Sp) 53894
proteins in primary tuberc. (It) 36834
proteins in primary tuberc., review (It) 36833
sedimentation rate measurements in fasting & non-fasting states (Hun) 45468
turbidity reaction, diag. value (Ger) 34040
vitamin A, vitamin C & carotene levels during chemobiotic ther. (It) 333
vitamin C levels, eff. of admin. of antibiotics (Rus) 33363

*case reports*
postgastrectomy in gastritis (Sw) 45344
regressive congestive heart failure & cardiac enlargement in pulm. tuberc., probable tuberc. myocarditis 29140
relapse caused by bronchography with lipiodol contrast medium (Fr) 19358
severe primary infect. in young adult (Fr) 43761
with bronchiogenic carcinoma in other lung, postop. oleothorax (Tur) 22377
with Jaffe-Lichtenstein dis. in native of Somaliland (It) 36207
with jaundice, ther., streptomycin & isoniazid (Sp) 27205
with tuberc. of tongue, ther. (Pol) 30768

*complications*
Addison's dis. (Fr) 25077
amyloidosis, diag. value of Bennhold's congo red tests (Ger) 10553
bilateral aseptic focal necrosis of femoral head, case report (Fr) 19354
bronchial cancer (Fr) 43773 43776
bronchial lymph node fistula, in tunnel worker (Fr) 32063
bronchial lymph node fistulas, incidence & diag. (Fr) 32067
bronchial stenosis, surg. 17462
bronchiectasis, case reports 53230
bronchiectasis in caseous pulm. tuberc. with sudden death 2-months after full-term pregn., hazards of inadequate total prenatal care 43140
bronchopleural fistula with pleural empyema, surg., pleuropneumonectomy (Rus) 31240
cancer of buccal cavity & pharynx (Fr) 28378
cancer of lung 46431
cancer of lung (Fr) 20665 43777
cancer of lung (Rus) 51210
cancer of lung, clin. & x-ray manifest. (Fr) 54601
cancer of lung, in tertiary tuberc., clin. aspects & case reports (Fr) 43774
cancer of lung, possible etiol. relation, postmortem findings 21740
constipation in bedfast patients, ther., bis(p-acetoxyphenyl)-2-pyridylmethane (Por) 49730
diabetes mellitus (Fr) 50767
diabetes mellitus (Ger) 34340
diabetes mellitus, early diag. by x-rays & tuberculin reaction (Ger) 34333
diabetes mellitus, eff. of isoniazid ther. on recur. (Ger) 34355
diabetes mellitus, eff. of tolbutamide ther. (It) 29645
diabetes mellitus, ther., sulfonylurea deriv. (It) 9260
diabetes, pancreatic, x-ray diag. (It) 53931
disseminated lupus erythematosus, ther., prednisone, case report 8867
emphysema, chronic subcutantial 32311
empyema, chronic, bronchial changes (It) 7730
empyema, etiol. & ther. 923
empyema, ther. (Rus) 51208
endobronchial hamartochondroma in recur. cavitation (Hun) 45469
endometrial tuberc. (Dut) 7294

erythema nodosum & heart dis., case report 48158

glomerulonephritis, cholangiohepatitis, myocardial interstitial sclerosis, with terminal cardiac arrest, clin. pathol. conf. (Sp) 43935

heart dis., congen. & acquired (Fr) 43778

hemoptysis, ther., penicillin (Sp) 43862

hypertension (It) 3913

3913

influenza & interstitial plasma cell pneumonia in 67 year old male (Ger) 23121

intrathoracic tumors (Ger) 375

laryngeal cancer (Fr) 41144

laryngeal cancer after regressive homologous tuberc. (Fr) 28374

laryngeal tuberc., diag., ther. & progn. 48193

liver dis., acne & amenorrhea, ther., diethylstilbestrol, causing hemolytic anemia 22329

local re-activation of primary focus (Dut) 43064

lung abscess, chronic, case reports (Hun) 10575

lymphobronchial fistulae in primary tuberc., x-ray (It) 6890

mediastinal lymph node infarction, spontaneous regression, case report (Sp) 8718

myocardial infarct, diag. & course (Rus) 31230

peptic ulcer (Sw) 43232

pleural adhesions coverine residual cavities, x-ray diag. (Ger) 10555

pleural effusion, diag. tests 48194

pleural effusion, factors influencing progn. 38399

pleural empyema, blood serum & biopsy material electrophoresis (Ser) 22352

pleural empyema, surg. (Sp) 21216

pleural empyema, surg., pleurectomy with & without pneumonectomy & plastic repair, comparison (Ger) 22202

pleural empyema, ther. (Ger) 19037

pleural empyema, ther., topical admin. of pyrazinamide in solution (It) 29636

pleurisy, determ. of concentration of antibact. agents in pleural exudate (Rus) 9887

pleurisy, exudative, ther., hydrocortisone acetate (It) 29673

pleurisy, pleural empyema & pleural exudates, ther., hydrocortisone & prednisolone, admin., intrapleural (It) 39526

pleurisy, ther., cortisone & deriv. (It) 44330

pleuritis with effusion 7433

pneumonia, morphogenesis (Rus) 33266

pneumothorax, spontaneous, hist. (It) 13517

post-primary bronchial gland fistulas after exeresis, in adults (Fr) 32062

Pourfour du Petit's synd. with exophthalmos, case report (Sp) 43898

pulm. Brazilian blastomycosis (Por) 8782

pulm. fibrosis, eff. of chemo-antibiotic ther. on incidence (It) 29650

pulm. heart dis. (Ger) 11212

pulm. heart dis., pathol anat., review (It) 47828

reinfect., x-ray demonstration of Ghon foci 47215

relapse (Hun) 22359

resp. insuff. (Fr) 49732

resp. insuff. in untreated or chemother. patients (Fr) 49732

resp. insuff., surg. indic. 5871

retinal hemorrh., recurrent in adolescents, ther. (Fr) 7067

sarcoidosis, develop. from open pulm. tuberc., case report 12811

severe cough & serous pleurisy, ther., iontophoresis of ethylmorphine & calcium chloride (Bul) 32799

stomach dis., ther. (Rus) 51207

sugar content of exudates in various types of pulm. & pleural compl. 25798

viral hepatitis, ACTH & prednisone ther., eff. on blood transaminase (It) 9297

***diagnosis***

bacteriol. exam. of institutionalized patients, indic. & methodol. (Hun) 45471

bronchographic diag. of so-called invisible cavities (Bul) 32798

bronchoscopic & bronchopulm. tomographic findings in tuberc. localisations of bronchi, comparison (It) 29646

bronchoscopy with laryngeal swab method, comparison with minor x-ray findings (Sw) 10186

delayed diag. in cavity form., significance for expert testimony (Ger) 10550

diag. errors, diag. of negativity in treated cases & separation of negative & open cases in hosp. (Sp) 38540

of minimal tuberc., clin., radiol. & biol. methods, symposium (Fr) 33078

tracheal rinse method (Ger) 46303

urine tests in cases with coexistent urogenital tuberc. (Ger) 45577

x-ray & sputum smears 47213

***differential diagnosis***

atypical forms & develop., differ. diag. from other chronic lung dis. (Ger) 34332

cancer with silicotic tumoral masses, x-ray differ. diag. (Fr) 43737

distomiasis (Rus) 31231

for. body in lung 2603

leprosy, Sudan black staining for differentiation of M. tuberc. from Mycobacterium leprae 18510

lung cancer, histol. & cytol. cell correlation 10078

lung cancer, methods of Anti-tuberc. Assoc. of Milan (It) 18532

lung dis., chronic atypical forms & courses (Ger) 34342

lung dis., serol. 13328

Paragonimus infect., serodiag. (Ger) 55580

primary & subprimary, differ. diag. from bronchial adenoma (Ger) 46207

pseudotuberc. pulm. cavities caused by gunshot & blunt trauma (Rus) 45137

pulm. syphilis (Ger) 32979

reticulum cell sarcoma (Ger) 381

thoracotomy in pleural effusion 47506

x-ray & histopathol. (Ger) 46204

x-ray differentiation from non specific lung dis. (It) 53714

***etiology and pathogenesis***

endobronchial submucous lymphatic route in contralateral diffusion (It) 24925

factors influencing develop. in adults (Fr) 9258

pathogen. of cavity form. in rabbits & guinea pigs, method of prod. & role of tuberc. allergy, review 25852

reactivation after ACTH & adrenocorticoid admin. 17857

relation of pulm. artery pressure to frequency of postprimary pulm. tuberc. 12786

spreading through pulm. lympathic system, morphogenetic significance (Hun) 10566

10579

trauma, expert testimony (Ger) 22343

***experimental***

eff. of chrysoidine monothiocyanate on cavitation in guinea pigs (Ger) 25800

eff. of inhalation of fiberglas-plastic dust on course in guinea pigs 12784

histopathol. of form. of tuberc. cavities & encapsulated caseous foci after intrapulm. inject. of M. tuberc. in sensitised & non-sensitised guinea pigs (Jap) 28694

induction & histopathol. of tuberc. cavitation in rabbit lung (Jap) 28691

prod. of emphysematous bullae by infect. with tuberc. in rabbit 24725

***immunology***

relation of circulating specific antibody titer to stage of evolution of tuberc. foci (Fr) 32320

skin reactivity of histoplasmin in subjects with pulm. calcifications with negative tuberculin reaction in Italy (It) 36829

tuberculin sensitivity thresholds, clin. significance (Ger) 49094

tuberculin skin reaction in active cases 921

***in aged***

sanatorial ther., progn. (Fr) 19357

ther. in high altitude sanatoria (Rus) 31179

***in infant and child***

body temp. changes, eff. of weather (Ger) 42374

bronchial involvement in primary infect., seq. & ther. (Sp) 21104

bronchoscopic findings 13282

capillary permeability (Rus) 31228

clinical & x-ray differentiation from non-tuberc. cavitation & granulation (Sp) 1555

develop. after BCG vacc., causes of failure (Ger) 37002

diag. of active & dormant forms (Rus) 31173

diag., Volmer patch test in child. 29926

differ. diag. from congen. cardiac defects (Ger) 34335

impulse x-ray (Rus) 31232

in African inf. of Dakar (Fr) 46859

in Algerian inf., diag. & ther. at Children's Sanatorium of Béni-Messous (Fr) 46858

in Moroccan inf., incidence, diag. & case reports (Fr) 46857

incidence & diag. in East London school child. 10530

incidence & outcome of pleurisy with effusion in preantibiotic & antibiotic periods (It) 16030

pathogen. & ther. (Fr) 54621

pleural empyema, difficulties in management by pulm. expansion (Ger) 22217

prev. & control in Hungary (Hun) 45466

primary, caused by ingestion of contaminated milk (Ger) 44946

primary, chemother. (Fr) 8786

primary complex in inf. & young child. (Fr) 53018

primary, diag. & compl., review (Por) 44463

primary, diag. & ther. value of bronchoscopy (Por) 8791

primary infect. 27999

primary infect., bronchial compl. in young child. (Fr) 30445

primary infect., bronchoscopic & bronchographic aspects & ther. 36277

primary infect., caused by maternal contamination, spontaneous recovery, case reports (Fr) 19356

primary infect. complicated by extensive lobar bronchiectasis & by destroyed lung, surg., pulm. exeresis (It) 42770

primary infect., diag., x-ray (Fr) 6420

primary infect., eff. on growth in child. of Trieste (It) 42765

primary infect., histopathol. of resected lung sections (Fr) 30446

primary infect. in inf. & young child. living with cured tuberculotics (Fr) 45908

primary infect. in Italy (It) 6278

primary infect., late discharge of bacilli 35906

primary infect., prev. by isoniazid, mass x-ray survey & BCG vacc. (Fr) 35504

primary infect., preventoria in Belgium (Fr) 35506

primary infect., relation to bronchopulm. virus dis. (Fr) 50785

primary infect., ther. (Fr) 30437

primary infect., ther. & follow-up 14160

primary infect., ther. antibiotics (Fr) 30439

primary infect., ther., cycloserine (Fr) 30440

primary infect., ther., cycloserine, clin. & biol. & biol. findings (Fr) 30441

primary infect., ther., N-(4-hydroxy-3-methoxy)benzal isonicotinic acid hydrazone (Rus) 31223

primary infect., ther., isoniazid-PAS cpds., statist. 14053

primary infect., ther., prognosis of cases with calcification (Ger) 19020

primary infect., ther., viomycin pantothenate (Fr) 30442

primary infect., ther., viomycin pantothenate (Ger) 8013

primary infect. with tonsillitis & tonsil hyperplasia, indic. for tonsillectomy (Ger) 25801

primary pulm. focus & primary complex, definition & pathol. 25510

primary pulm. infiltrates, demonstration 35905

primary pulm. lymph node infect., cortisone ther. of bronchial compl., comparison with isoniazid & PAS (Fr) 30444

primary pulm. lymph node infect., ther., adrenal cortex hormones (Fr) 30443

primary pulm. lymph node tuberc. (Por) 44476

primary pulm. lymph node tuberc. ther., prednisone (Por) 44472

primary, with segmental lesion 28455

resp. funct. tests (Fr) 48856

surg., review (Rus) 32589

ther. (Fr) 49746

ther., isoniazid alone & with PAS or streptomycin (Por) 8781

ther., sanatorial (Rus) 20290

with diaphragmatic eventration, case reports (Fr) 25490

with osteoarticular tuberc. (Bul) 28711

with pleural effusions, adrenal cortex hormones ther. 43492

***in pregnancy***

full-term delivery following major thoracic surg., statist. 12804

incidence & eff. on course of dis. 12788

incidence, physiol. eff. & postop. course 12788

indic. & contraindic. for ther. abortion (Sp) 9689

labor management (Rus) 12160

management of 3d stage of labor (Cz) 14817

progn. (Rus) 45111

resp. & circ. changes (Ger) 38924

ther. abortion, indic. (Heb) 27770

***manifestations***

cardiac, ECG (It) 54227

redness of palms of hands, etiol. (Fr) 2429

thoracic pain, incidence & site 10539

***metabolism***

basal metab. before & after chemother. (Ger) 55440

17-ketosteroids, eff. of chemother. (Ger) 25799

***microbiology***

characterization of atypical acid-fast bacilli from pulm. tuberc. patients 15535

M. tuberc. in filled-in cavities (Jap) 28695

M. tuberc. in sputum after ther., daily levels (Jap) 28689

persistence & virulence of 434 strains of M. tuberc. after antibiotic & sanatorial ther. (Fr) 46725

rapid detection of drug-resist. M. tuberc. by slide cultures of sputum 14398

relation of virulence of isoniazid-resistant M. tuberc. to structure of tuberc. foci in lung (Ger) 25797

***pathology***

26012

air cysts, bullae & sterile cavities (Fr) 3624

autopsy findings, comparative clin. & x-ray manifest. (Ger) 22338

bronchial changes in fresh cases 276

bronchial involvements (Rus) 9883

bronchial lymph nodes (Ger) 45798

broncho-pulm. anastomotic circ. in chronic tuberc. studied by dye dilution method (It) 30673

calcifications, intrathoracic, relation to tuberc. in adults (Ger) 37007

calcified primary foci with secondary pulm. tuberc. lesions, follow-up statist. (Jap) 28692

calcified primary foci with secondary pulm. tuberc. lesions, x-ray differentiation (Jap) 41487

cavitary pseudorecur. in situ following segmental resection (Fr) 43740

cavitation, closed, clin. aspects 45454

cavitation, etiol. & seq. (Ger) 45458

cavitation in patient of sub-hemophilia (It) 36826

cavitation of lower lobe, ther. (It) 3631

cavitation of thin-walled cystic type formed during antibiotic ther. (Pol) 20191

cavitation of 29 years' duration 24714

cavitation, surg. (Rus) 9882

cavitation, ther. (Ser) 21944

cavitation ther. by antituberc. drugs (Tur) 32993

cavitation, x-ray comparison with histol. of filled-in cavity (Jap) 41494

cavitation, x-ray manifest. of healing process (Hun) 10586

cavity wall structure in surg. specimens (Rus) 31208

CNS (It) 39692

collapsed lung tissue, electronoptic features of ultrastructure (Ger) 22191

develop. of chronicity (It) 6284

6285

disord. of bronchial discharge causing new tuberc. foci & other compl. (Rus) 33267

endometrium in active pulm. tuberc. without genital tuberc., histopathol. (Hun) 7707

local reactivation of primary tuberc. focus in lung 12707

lungs after contrast bronchography (It) 32316

lungs, vital staining (Rus) 37181

natural hist. of process 42079

nerves in male genitalia (Rus) 31184

nomenclature of adult tuberc. based on code numbers (Hun) 10571

in peptic ulcer patients, develop. before & after gastrectomy 2277

of post-primary tuberc., pathogenetic role of tuberc. lymph nodes (Fr) 32068

pathomorphism of peribronchial & bronchiectogenous tuberculomas (Hun) 10576

preop. bronchial biopsy, value 24724

reactivation in excessive weight loss during obesity ther. (Fr) 29136

relation to acquired cardiovalvular dis. & congen. heart dis. (Sp) 43861

relation to lung cancer (Ger) 29481

risk of develop. from idiopathic pulm. infiltration & fibrosis in military personnel 44

surg. specimens (Rus) 25732

tuberc. pus causing neutralization of cycloserine (It) 13923

unusual postmortal phenomenon (It) 42669

***physiology***

acetylcholine excitability tests of bronchi (Fr) 32059

basal temperature in women (Ger) 11452

bilateral residual volume, determ. 919

blood circ. rate (Rus) 31207

cardiovasc. activity evaluation & oxygenation as preop. medication (It) 42656

electrolyte content of skin (It) 19234

gas exchange at rest & during exercise, comparison with pulm. emphysema, pulm. fibrosis & normal subjects (Fr) 22454

heart, ECG evaluation of right auric. overexertion (It) 8059

lung funct. determ., value in assessment of resp. impairment for expert testimony (Ger) 10547

lung physiopathol. (Sp) 27878

resp. funct., oxymetric curves in controlled hypoxia (Fr) 32057

resp. funct. tests & resp. retraining of hospitalized patients (Fr) 32055

resp. funct. tests, diag. & ther. value 22351

resp. movements of ribs (Rus) 31185

resp. ventilation half-second rate test (Bul) 32825

resp. ventilation tests in various stages of chronic tuberc., correlation with partial pressure of CO2 in arterial blood (Fr) 32058

ventilation test during effort (Fr) 53246

***prevention and control***

abeyant tuberc., follow-up & case finding in Iowa 3360

bronchoscopic survey in Fr. soldiers (Fr) 9253

chest x-ray exam. of college students, radiation hazards 54633

chest x-ray exam., risks & prev. of radiation inj. & dos. measurements 54634

contact screening, value (Hun) 10572

cooperative federal-state tuberc. eradication 27257

fluorographic survey in Yugosl. (Ser) 9961

human trials, aims & methods 14399

in Brazil, eradication program (Por) 53877

in Brazil, mass x-ray survey (Por) 39978

in Brazil, prev. by isoniazid admin. (Por) 53876

in Colombia, antituberc. dispensaries, hist. note & organiz. (Sp) 44546

in Denmark, mass photofluorography 7479

in Denmark, mass x-ray surveys (Dan) 41959

in Finland, mass x-ray survey 7480

in France, mass x-ray surveys comparison of 3 successive surveys (Fr) 43764

in Gt. Brit., problems of chest clinics 26010

in indust., mass x-ray survey 26019

in Italy, mass chest x-ray activities of mobile stations of National Institute of Accid. Prev. (It) 21007

in Scotland, mass x-ray exam. of school teachers 20878

in Scotland, mass x-ray survey 42891

in So. America, mass screening program (Sp) 4074

in Sweden, mass x-ray survey 7481

legislation in Belgium (Fr) 35492

mass chest x-rays, current & future value 45277

mass miniature x-ray surveys of household contacts of known tuberc. subjects 27905

mass photofluoroscopic exam. in Italy (It) 1103

mass radiophotography (Fr) 53875

mass x-ray & tuberculin survey in ment. hosp., statist. 21737

mass x-ray survey at regular intervals (Fr) 9255

protective face masks for hosp. & nursing personnel 52805

routine photofluorographic screening in Navy 49181

serial x-ray screening (Ger) 42328

timetable for x-ray check-up (Ger) 34350

***psychology***

ego mechanisms, case reports 44256

personality of hospitalized tuberculotics, psychol. tests (It) 8625

personality types (Por) 53883

psychol. aspects of sanatorial life (Fr) 35516

psychoses, management in ment. hosp. 5372

***radiography***

8133

aimed x-ray (Rus) 55246

bronchography with contrast media, distribution & bronchography with contrast media, distribution & bronchography in lungs (It) 3910

clin. application & problems 26018

improved pictures taken with fine focal x-ray tubes (Hun) 29160

localization & demarcation of dis. 8558

mass miniature x-ray vehicle, construction 41415

observation errors (Por) 44474

photofluorography (Ger) 22337

polisobronchography, technic & diag. value (Jap) 41491

proposed Instituto Internacional de Radiofotografia de Abreu (Sp) 8892

pulm. angiography with excretory urography after inject. of large amounts of contrast medium (Ger) 45460

residual x-ray images, management (Sp) 33011

tomography, indic. in lateral projection of thorax (It) 29648

x-ray diag., limitations & errors (Jap) 18171

x-ray identification of cavities after antibiotic ther. 51550

***statistics***

advanced cases (Rus) 9881

after partial gastrectomy 27535

analysis of relapses & their causes in group of civilian employees in Fr. naval arsenal (Fr) 9660

causes of death (It) 36827

drug- resist. infect. & possible sources of contact in Gt. Brit. 31258

in adults (Sp) 44541

in Belgian coal miners (Fr) 35502

in France (Fr) 9256

31901

in Fr. Air Force flying personnel (Fr) 29236

in Fr. recruits in Germany (Fr) 31255

in Italian military personnel, medicolegal aspects of cases cured in army (It) 19204

in Italy, photofluorographic & tuberculinic survey (It) 24930

in university students (Ger) 30247

in university students after oral BCG vacc. (Por) 53880

in urban Bantus 45056

in U.S., hist. 13791

in various occup. in Mexico (Sp) 3674

incidence & tuberc. carriers in Espirito Santo, Brazil (Por) 53878

increase of incidence after age of 12 as primary infect. period (Dut) 7339

mortal. in Ireland 523[illegible]

mortal., variations (Sp) 4075

opinion survey of physicians (Fr) 17853

pleural in Negroes (Fr) 24125

seasonal variations (Bul) 32832

soc., occup. & rehabil. factors (Dan) 10655

ther. & surg. late results (Sp) 31834

***surgery***

***see also*** **COLLAPSE THERAPY**

***see also*** **PNEUMONECTOMY**

blood transfusion in, indic. (Rus) 31176

breathing exercises in prev. & ther. of postop. resp. insuff. (Ger) 25787

cavernostomy, postop. artif. form. of connective tissue (Ger) 37013

cavernotomy, compl. (Rus) 33212

cavernotomy, postop. bronchothoracic fistulae, bronchial ligation in hypothermia (Rus) 31214

eff. on resp. (Fr) 32053

eff. on urinary 17-oxosteroids (It) 3917

in Russia, review (Rus) 51189

indic. 47509

indic. (Pol) 16049

indic. (Sp) 39090

indic. & preop. & postop. x-rays 26016

indic. for various procedures (Ger) 15303

22788

38932

methods & results in sanatorium in south of France (Fr) 21401

Monaldi's drainage, with & without other surg. technics in cavernous tuberc., statist. (Por) 44466

postop. dermographia rubra (Ger) 3212

prev. of postop. thromboembolism (Ger) 37005

results (Por) 21094

review 2643

with early ambulation (Por) 13604

***therapy***

8559

(Por) 13603

(Sp) 27877

ACTH (Ser) 10562

ACTH & adrenal cortex hormones (Sp) 15533

ACTH & adrenal cortex hormones in tuberc. with pleural effusion (Pol) 8067

ACTH, cortisone & desoxycorticosterone (Por) 21092

ACTH, eff. of continuous & intermittent ther. on adrenal secretion (Fr) 21396

ACTH-retard prep. with antibiotics, results (Fr) 32939

ACTH with antibiotics, eff. on urinary steroid excretion (Fr) 32940

adrenal cortex hormones, adjuvant to standard chemother. in advanced cases 35287

adrenal cortex hormones & methyl-androstendiol, with isoniazid & streptomycin (It) 3683

adrenal cortex hormones in bronchial tuberc. (Ger) 32321

ambulatory antibiotic ther. in Moroccans (Fr) 42001

ambulatory, follow-up study of patients with pulm. cavities & noninfect. sputum 12808

ambulatory ther., indic. & results (Fr) 32076

antibiotic & chemother. prep. in cavernous tuberc. (Bul) 45313

antibiotics & other chemother. drugs, mechanism of action, review (Sp) 53900

antibiotics, eff. on resp. funct. & pulm. lesions, correlation (Fr) 32060

antibiotics, indic. & hazards (Dut) 47910

antioxidant agents (Sp) 43922

blood transfusion in combined ther. (Rus) 54568

blood transfusion with drug ther (Rus) 31200

calcium benzamidosalicylate, with isoniazid & streptomycin 10538

cases of failure in alcoholics (It) 29674

causes of failure (Rus) 33190

causes of failure, mortal. statist. (Ser) 33365

causes of failure, relation to drug resist. (Ger) 37011

causes of failures 14397

chemother. (Fin) 54637

chemother. & sanatorial care, comparison (Por) 53879

chemother. & surg., review 42080

chemother. causing purpura (Rus) 45190

chemother. of cavitations, remote results (Ger) 10545

chemother. of cavities, causes of failure (Rus) 31222

chemother., progn. based on bact. culture (Jap) 41493

chemother., rest & other adjuvants problems 14396

chemother., results (Rus) 45117

chemother., surg. & compl. (Fr) 49747

chemother., tomographic changes (Rus) 10815

chemother., x-ray changes 47214

chlorpromazine & phenylsemicarbazide assoc. with antibiotics, postther. healing of cavitations with persistence of cavitary image (Fr) 53248

climather., bioclimatic aspects (Ger) 34346

clin. classif. in various stages & types of ther., statist. 10540

clin. management & choice of drugs 916

combined (Bul) 32831

criteria of cure (Fr) 54476

cure (Ser) 10558

current criteria, consequent dispensary & hosp. reorganiz. (It) 3627

cyclohexenyl-hydroxymethyl hypophosphoric acid-adenosine prep., eutrophic, tonic & strengthening eff. (It) 8053

cycloserine (Rus) 51203

cycloserine (Sp) 44495

cycloserine causing ment. disord., EEG (Fr) 987

cycloserine, eff. on CNS, EEG manifest. (It) 20996

cycloserine, eff. on peripheral blood picture (It) 54213

cycloserine, hematol. & physiol. eff. (It) 20994

cycloserine, hyperthermic reactions (Fr) 9257

cycloserine in Asian patients, ther. & toxic eff. 10531

cycloserine, in recent post-primary tuberc. (It) 39701

cycloserine, viomycin & m-methyl thioisonicotinamide, after partial or total failure of PAS, isoniazid & streptomycin (Fr) 54166

cycloserine, with isoniazid 24132

35915

cycloserine with pyrazinamide 24733

cycloserine with pyrazinamide in drug-resist. cases 22327

cycloserine with viomycin 35916

detoxification with detoxicon (It) 3716

diets, protein composition (Rus) 31201

dihydrodesoxystreptomycin, ther. trial & results 40425

drug ther., detection of resist. bact. in sputum (Rus) 31169

drug ther., resist. & catalase activity of M. tuberc. (Rus) 31171

drugs, alone & with pneumothorax (Rus) 31199

Dyllwyn Thomas technic with antiphlogistics in various cavitary forms (Sp) 31838

eff. of isoniazid resist. on immediate & remote results of ther. (Fr) 21398

electrical stimulation of autonomic NS (Fr) 53239

electrostimulother. in chronic tuberc., remote results (It) 18530

endocavitary aspiration (It) 3629

2-ethylthioisonicotinamide 35904

exudative pleuropulm. tuberc. (Sp) 15471

home & sanatorial care, comparison (Fr) 35512

home care (Fr) 35511

home care methods in Argentina (Sp) 44578

home care program in Belgium (Fr) 35510

hosp., home & ambulatory ther., indic. (Fr) 32331

hosp., home & ambulatory ther., indic. (Ger) 32332

hydroxyzine as adjuvant to tuberculostatic 50891

in Belgium university students in sanatoria (Fr) 35515

in National Jewish Hosp., Denver (Sp) 15520

in Norwegian pub. health serv. (Nor) 54958

in 17th century, method described by Samuel Haworth 22334

in tuberc. hosp. in Orzen (Ser) 10563

indic. (Por) 8783

iproniazid 39158

iproniazid, stimulating appetite & sense of well-being 49776

irregularity of self medication in non-hosp. patients 18468

isoniazid aerosols (Ger) 22350

isoniazid alone & with PAS, problem of self-admin. in long-term home ther. 22324

isoniazid alone & with streptomycin, bacteriol. results (Ger) 37019

isoniazid & other bacteriostatic agents, relation to form. of tuberculomas & transform. of deterged caverns (Fr) 32327

isoniazid & PAS in molecular combination (Ger) 32326

isoniazid & streptomycin, develop. of resist., incidence & management (It) 3915

isoniazid & streptomycin, eff. on tuberc. caverns (It) 29672

isoniazid & streptomycin in cavitations, guided endobronchial inject. (It) 3628

isoniazid & streptomycin, resist., eff. on clin. course 9468

isoniazid-cobalt prep., eff. on clin. & blood protein picture (It) 39515

isoniazid, epidemiol. aspects of resist. cases (Ger) 34353

isoniazid, in large doses, with vitamin B6 (Sp) 9703

isoniazid in massive dose with vitamin B6 928

isoniazid, long term ther. 14529

10539

12796

isoniazid, PAS & streptomycin, admin., intracavitary inject., method & results (Fr) 32322

isoniazid, PAS & streptomycin, clin. factors in blood level determ. 10429

isoniazid, PAS & streptomycin, direct & indirect eff. on risks of contagion (Fr) 32079

isoniazid, PAS & streptomycin, eff. of daily count of M. tuberc. in sputum & on develop. of resist. (Jap) 18168

isoniazid, PAS & streptomycin, in adults, conduct of ther. (Fr) 32080

isoniazid, PAS & streptomycin perfusions, with & without ACTH (Fr) 43782

isoniazid, PAS & streptomycin, with thiosemicarbazones (Ger) 37018

isoniazid-PAS compound (Sp) 42207

isoniazid, PAS, streptomycin, with bis-(p-3-thymoldiazo-phenyl) sulfone & its disilver salt (Fr) 15961

isoniazid prep. with nicotinaldehyde & isonicotinaldehyde thiosemicarbazones (Ser) 33366

isoniazid, with other isonicotinoyl-hydrazones (It) 39518

isoniazid with PAS & vitamin B6, high doses 12812

isoniazid with reduced dose of PAS 1273

kanamycin 35911

kanamycin, admin. & dos. 25012

kanamycin, limited value 25013

kanamycin, with other anti-tuberc. drugs, statist. results 25014

liothyronine 46925

long-term chemother., follow-up statist. on relapses 14156

N-(α-methylfurfuryl)-isoniazid (It) 52054 52055 52057 52058 52059

multivitamin substitution ther. in severe cases (Ger) 25809

nicotinic acid isomers, comparison of various prep. (Rus) 31198

occup. ther., eff. on work capacity (Fr) 46720

of residual lesions (Sp) 43924

outpatient ther., review (Fr) 6379

PAS causing hypersensitivity, rapid desensitization by ACTH 10535

PAS causing severe systemic hypersensitivity reactions 926

PAS, comparison of absorp., clin. efficacy & toleration of several prep. 24729

PAS, hazards in cardiac insuff. 10368

PAS intravenous infusion with adjuvant ACTH & vitamin C (Hun) 10585

PAS, new method of qualitative & quantitative determ. of PAS & its calcium, potassium & sodium salts (Sp) 32445

PAS, single daily dose with isoniazid, clin. evaluation 12808

phenyl PAS (Ger) 11039

phenyl PAS, clin. trial 17543

17544

phenylbutazone, antipyretic eff. (Ger) 6727

phys. ther. & occup. rehabil. of hospitalized patients (Ger) 32330

physiopathol. bases (Fr) 30630

phytother., value (Pol) 53171

prednisolone with isoniazid & PAS in chronic drug-resist. cases in Kenya Africans 48195

prednisone by small dos. 17437

progr. (Fr) 9498

41120

pyrazinamide in tracheobronchial tuberc. (It) 39694

pyrazinamide, low dos. in combination with isoniazid or PAS 35919

rehabil. (Ser) 33370

rehabil. (Sp) 53885

rehabil., eff. of antibiotic-induced changes in the dis., review (Sp) 44487

rehabil. in Turkey (Fr) 9091

rehabil. of patients in Argentina (Sp) 44576

results (Fr) 19807

review 10986

sanatoria in Belgium, decrease in number of patients (Fr) 35507

sanatoria in Belgium, statist. analysis of changing types of tuberc. patients (Fr) 35508

sanatorial care in Brazil (Por) 13598

sanatorium care, indic. & contraindic. (Rus) 31166

somatotropin causing pituitary acidophil changes & renal glomerular changes 23956

statist. 18449

streptomycin aerosol ther. (Rus) 31241

streptomycin & high doses of isoniazid with PAS & vitamin B6 12813

streptomycin, causing fatal Fiedler's myocarditis 10536

streptomycin, eff. of resist. & sensitive strains on clin. course (Rus) 31170

streptomycin pantothenate in resist. cases (Fr) 43847

tetracycline & oleandomycin combined, eff. on sputum secretion (Fin) 27296

ther. & control, future trends 3364

ther. & prev. with isoniazid (It) 9303

tuberculostatic drugs, precop. & postop. (Ger) 15294

viomycin-pantothenate-sulfate (Ger) 32323

viomycin pantothenate-sulfate (It) 29647

viomycin, thiazolsulfone & pyrazinamide adjuvant protection with pulm. resection 15545

viomycin with cycloserine in cases resist. to classical antibiotic ther. (Fr) 43779

vocational rehabil. in convalescents (Sp) 31836

vocational rehabil. of tuberculoics, actual needs 12798

12799

***transmission***

infect. of students by teacher (Ger) 22342

resp. dissemination of air-borne M. tuberc. in guinea pigs 10428

***urine in***

uropepsin excretion 24862

uropepsinogen excretion (It) 42668


## TUBERCULOSIS, RENAL


(Bul) 32810

aortography, diag. & ther. value (It) 40981

clin. aspects (Fr) 26975

clinico-pathogen. classif. (Rus) 45596

manifest. & ther. 4210

simultaneous occurrence with non-specific pyelonephritis (Ger) 33449

***complications***

cancer of kidney, case report (Fr) 41469

cutaneous tuberc. (Rus) 10716

hypertension, surg., ablation of excluded kidney causing temporary improvement (Fr) 17652

hypertension, unilateral tuberc., nephrectomy (Sp) 13538

spinal, tuberc. physiopathol. 9480

strict. of ureter & contracture of bladder & bladder neck, diag. & ther. 5929

tuberc. of bladder, surg., ileocystoplasty (Sp) 13540

***differential diagnosis***

arteriography in differ. diag. (It) 42521

***experimental***

histopathogen. in rats (Ger) 33528

***in infant and child***

case report 3981

clin. manifest. & ther. 43504

***in pregnancy***

case reports (Fr) 44645

***surgery***

cavernotomy (Rus) 10717

nephrectomy, hosp. statist. (Sp) 44545

nephrectomy, partial (Sp) 42202

nephrectomy, partial, in hematuria, case report (Fr) 28683

nephrectomy, partial, indic. & compl. (Ger) 33447

new technic in tuberc. renal cavities 33443

***therapy***

chemother. of tuberc. of solitary kidney 55036

isoniazid, M. tuberc. resist. in ther. failure (Fr) 20680

isoniazid, PAS & streptomycin, eff. on secretory capacity of kidney (Fr) 46769

isoniazid with PAS & cycloserine 52651

med. & surg., indic. (Fr) 20682

med. indic. & soc. impact (Fr) 14359

technic in unilateral renal tuberc. (Fr) 33442

viomycin (Fr) 41481

## TUBERCULOSIS, SPINAL

healing patterns (Ger) 34288

in Negroes of Belgian Congo, manifest., differ. diag. & ther. (Fr) 11991

x-ray manifest. & surg. 14069

***case reports***

isolated lesion of posterior tubercle of atlas (Rus) 43393

onset during prolonged prednisolone ther. of rheum. arthritis (Fr) 44783

tuberculoma of 4th & 5th lumbar disk, pseudotumoral form, surg., 3 year follow-up, case report (Fr) 21395

***complications***

dysphagia in axis tuberc. 41062

myelosclerosis (Rus) 31215

parasacral abscess, technic for parasacral punction (Ger) 11394

renal, tuberc. physiopathol. 9480

***diagnosis***

early (Ger) 6728

***differential diagnosis***

adenoma, metastatic of thyroid, case report (Fr) 18499

ankylosing spondylitis (Sp) 21181

ankylosing spondylitis manifested by sacrocoxitis with foci of liquefaction (Ger) 34257

metastatic cancer of spine (Dan) 22437

pseudo-Pott type of lumbar disk arthrosis with erosion of disks (Fr) 32380

***manifestations***

x-ray manifest. resembling angiomatous infiltration of vertebrate body (Cz) 48657

***pathology***

spinal cord & meninges (Rus) 25733

***surgery***

cold abscesses & fistula (Rus) 31205

debridement & paraarthrodesis 5278

indic. & results (Ger) 42919

***therapy***

antibact. ther. & immobilization 2598

conservative ther. & surg. (Ger) 51839

med.-surg. ther. & med. ther. alone, x-ray results (Fr) 9226

presacral tuberc. abscess (Ger) 34256

## TUBERCULOSIS, SPLENIC

hypersplenism in hepatic-splenic tuberc. (Pol) 43659

splenoganglionic, with megaloblastic anemia, antibiotic ther. & splenectomy (Fr) 51472

## TUBERCULOSIS, UROGENITAL

***see also*** TUBERCULOSIS, FEMALE GENITAL

***see also*** TUBERCULOSIS, MALE GENITAL

***see also*** TUBERCULOSIS, RENAL

22279

classif. (Rus) 55150

55151

55152

clin. picture & ther. (Ger) 53318

***case reports***

cured & followed by pregn. (Sp) 31008

giant calculi in tuberc. contracted bladder (Ger) 11318

polypous, of female urethra (It) 36714

segmental stenosing tuberc. of pelvic ureter (Sp) 18845

ureteral involvement 20714

with ureteral calculi, clin. pathol. conf. 19849

***complications***

osteoarticular tuberc. (Ger) 11150

pleurisy with effusion (Cz) 9452

renal & ureteral displacement with retroperitoneal cold abscess (Ger) 34375

***diagnosis***

(Rus) 33229

urine tests in cases with coexistent pulm. tuberc. (Ger) 45577

***immunology***

leukocyte cytolysis by tuberculin in vitro (Ger) 32319

***in aged***

incidence, manifest. & ther. results (It) 36781

***physiology***

motor funct. of urinary tract, roentgenokymography (Rus) 10820

***surgery***

ileocystoplasty & bilateral ureteroileal anastomosis after previous bilateral cutaneous ureterostomy for bladder contraction (Fr) 41483

ileocystoplasty & ureteroileocystoplasty (Cz) 9447

ileocystoplasty in tuberc. of bladder in subject of nephrectomy for renal tuberc. (Sp) 13540

ileovesicorrhaphy in tuberc. fibrotic contracted bladder 2862

***therapy***

chemother. & gluco-corticoids, indic., compl. & prev. of resist. (Ger) 27694

isoniazid, streptomycin & PAS, alone & with surg. & bed-rest 20546

med. & surg. ther. 22280

***urine in***

cytolysis test, diag. value (Ger) 11330

## TUBEROUS SCLEROSIS

etiol., anatompathol., clin. & x-ray symptomatol. (Ger) 15847

eye manifest. (Fr) 7076

ocular phakomatoses, review (Dut) 52502

***case reports***

in adults with normal intelligence 34895

in 25-year-old woman (It) 33166

with ependymoma, x-ray manifest. & pathol. 53720

with epilepsy & typical skin manifest. (Fr) 11951

***in infant and child***

with brain tumors, histopathol. & surg. indic. (It) 32114

***pathology***

cerebellar, cerebral & visceral pathol. (Fr) 44729

***TUBOCURARINE*** ***see*** CURARE

## TULAREMIA

***complications***

pericarditis, review & case reports 27263

***diagnosis***

laboratory tests (Pol) 30765

***epidemiology***

in U. S. 17469

***experimental***

alimentary infect. (Rus) 34616

multiple passage in rodents (Rus) 34614

para-agglut. reactions & cross-reactions between brucellosis & tularemia (Ger) 25259

***immunology***

Coombs' test (Pol) 53224

eff. of x-ray sublethal dose on immun. in white mice (Rus) 6644

live plague-tularemia-brucellosis-anthrax polyvaccine, eff. in guinea pigs (Rus) 55795

polyvaccine against plague & tularemia (Rus) 34663

***prevention and control***

allergic reactions to infected Rhipecephalus rossicus bite in vaccinated patients (Rus) 55813

antitularemia vacc., postvacc. reaction in influenza (Rus) 10892

during extensive epizootic outbreak in rodents (Rus) 34613

vacc., review (Rus) 45633

***transmission***

by hare from animal shop in Germany (Ger) 49015

***TUMORS*** ***see*** NEOPLASMS

## TUNGSTEN

***metabolism***

Azotobacter vinelandii, intracellular localization 3491

## TURBINATE BONES

***see also*** NASAL CAVITY

cauterization followed by myasthenia gravis, case report (Fr) 32007

ground substance, histochem. studies 1180

normal & pathol. anat. & surg. technics 15730

## TURNER SYNDROME

(Fr) 9192

review (Sp) 9679

***case reports***

(Fr) 25457

(Ger) 23252

(Sp) 8870

familial (Ger) 36451

in 44-year old genetically female patient, detection due to goiter (Fr) 37900

in 14-year-old girl (Fr) 39758

in male with pseudohermaphroditism (Sp) 8722

3rd case in Colombia (Sp) 13544

***complications***

genetically female subject with aortic stenosis & texture disord. of pulm. vein walls (Ger) 13354

pterygium (Ger) 38890

***epidemiology***

in Sweden (Sw) 52740

***etiology and pathogenesis***

(Sp) 30242

## TURPENTINE

***see also*** TERPENES

***effects***

on blood glycoproteins & mucoproteins & on renal deposits of polysaccharide & calcium in rat, comparison with eff. of parathyroid extract 35787

***TWEENS*** ***see*** SURFACE-ACTIVE SUBSTANCES

## TWINS

***see also*** PARABIOSIS

anterior teeth measurements in twins, genetic variations 546

chin-to-chin interlocking in utero, delivery problems 24520

congestive heart failure with pulm. infect. & rheum. heart dis. in twin pregn., fatal case 19827

delivery compl. of locked twins, case report 21835

determ. of hered. of digital furrows (Ger) 34215

fatal pancreatic apoplexy after twin delivery (Ger) 39537

fetal death of one or both twins, causes & statist. (Ger) 36031

fetal weight, relation to weight & size of placenta (Ger) 36032

freemartin occurring spontaneously in double-yolked bird's egg (Fr) 36510

identical twins discordant for closed head inj., psychometrics 24087

kidney transpl. between monozygotic twins 1235

leader twin of monozygotic pairs, determ. by fusional convergence measurement (It) 218

monoamniotic twin pregn., case report 20075

mortal. of second inf. in twin delivery, review 20044

reactions to audiovisual stimulations, identicalness (Fr) 36148

repeat frequency of twinning 24971

research using identical twins, matching method for evaluation of results 23723

statist. data on fetus of twin pregn. 20086

successful kidney transpl. between identical twins 26113

successful twin pregn. after bilateral thoracolumbar sympathectomy in malignant hypertension 2162

twin pregn. in didelphic uterus 41176

twin studies demonstrating role of genotype in smoking habits & significance in etiol. of lung cancer 7246

twinning rate in Europe during the war 37720

unilateral tubal twin pregn. 633

unilateral tubal twin pregn. (Dut) 7324

vowel speech in monovular twins (Ger) 27476

***abnormalities***

cardiovasc. defect in one uniovular twin (Ger) 34314

cleft lip & palate in one of identical twins, etiol. 8038

cleft lip & palate in twins, etiol. 8039

conjoined by heads, surg. separation, postop. normal develop. 5501

conjoined twins, obst. management problems 16058

conjoined twins, prenatal diag. & postmortem findings 3211

craniopagus, surg. separation 14335

craniostenosis, case report (Sp) 21118

ectopia cordis 46509

mandibulofacial dysostosis, unilateral, in one of a pair of monozygotic twins (Fr) 40872

neutrophil sexing in natural blood chimeras 2063

ratio of monozygotic to dizygotic affected twins & frequencies of affected twins in unselected data 219

situs inversus in one of monozygotic twins (Fr) 5128

testicular feminizing synd. in male pseudohermaphrodite identical twins 10456

virilizing adrenal hyperplasia in identical twins, case report 50429

***blood in***

glycoproteins in monozygotic & in dizygotic twins, comparison 31323

lipids, role of hered. & environment in regulation in monozygotic twins 35726

***diseases***

anemia in newborn due to blood shunt to other twin in placental blood vessel anastomoses (Ger) 52167

anemia, pernicous in identical twins 23719

bilateral & corresponding ophthalmoplegia of external rectus musc. in monozygotic twins, case reports (It) 23728

cerebral palsy in one of monozygotic twins, physiol. psychol. studies in three sets of twins (Fr) 10656

concordant keratoconus in 2 pairs of identical twins, case reports (Ger) 28871

congen. heart dis. in one of identical twins, case report 1411

epilepsy (It) 32474

Gaucher's dis. in identical twins, case reports 13169

hyperparathyroidism in identical twins with sarcoidosis in one 29522

hypothyroidism, thyroid fixation of radioactive iodine (It) 42734

immature vasc. nevi in identical twins 7

Klinefelter synd. in identical twins 40669

male pseudohermaphroditism with testicular feminizing synd. in identical female twins 7626

mongolism, statist. 5378

multiple sclerosis, genetics & clin. manifest. 23407

otosclerosis in identical twins 13293

peptic ulcer, with perf., in monozygotic twins (It) 42655

sarcoidosis, hered. 6450

skin dis. (Ger) 34207

spherocytosis in newborn identical twins 1410

strabismus with hered. retinal abnorm. in monozygotic twins, case reports (It) 23727

Verhoeff's bilateral corresponding occlusion hypertropia in monozygotic twins, case reports (It) 23729

***psychology***

confusional states (It) 27668

psychoanalytic study of homosexuality in an identical twin, case report 44228

psychoanalytic ther. of identical twins 44056

sex role of an identical twin, psychoanalytic case report (Sp) 21247

simultaneous psychoanalysis of twin brothers aged 9, case report (Sp) 21333

use of monozygous twin cases in study of psychosomatic concepts 46065

***TYLENCHOIDEA*** *see* **NEMATODES**

***TYMPANIC CAVITY*** *see* **EAR, MIDDLE**

**TYMPANIC MEMBRANE**

***abnormalities***

antral membrane (Fr) 1014

situs membranae tympani inversus (Fr) 1016

***neoplasms***

paraganglioma, nonchromaffin 11732

***perforation***

closure at office, new approach 6317

eff. on sound excitation in postop. hearing disord. (Ger) 47659

etiol. & management 3525

surg., buccal mucous autotranspl. for central perf. of membrane with intact ossicular chain 35341

surg., skin grafting 15729

surg., trichloracetic acid cautery, modified technic 17627

surg. tympanoplasty & other surg. procedures 15734

***rupture***

amount of air pressure required for rupt. of membrane, review & exper. study 51350

during artif. resp. case report (Fr) 9079

***surgery***

myringoplasty & attico-antrotomy with abdom. fat transpl., technic 20540

myringoplasty, anesth. 1042

myringotomy with tonsillectomy & adenoidectomy in ther. of secretory otitis media in child. 31474

***TYMPANUM*** *see* **EAR MIDDLE**

**TYPHOID FEVER**

***blood in***

properdin levels (Sp) 1818

***case reports***

fatal case of probable fulminating typhoid fever 42158

***complications***

allergic myocarditis & bone marrow disord. in recur. (Ger) 51799

cholecystitis, purulent, case report (Tur) 22370

gastrointestinal hemorrh., autopsy findings 35688

helminth infect. (Rus) 18871

intestinal perf. (Ser) 9952

meningitis & myocarditis in 3-year-old child 48593

vulvovaginitis, case reports 28986

***diagnosis***

laboratory methods, value (Fr) 31960

stool exam. in W. Germany, statist. evaluation (Ger) 25221

***differential diagnosis***

Alcaligenes faecalis infect. (Sp) 15508

***epidemiology***

in Brit. W. Indies, 1957 summer outbreak 22718

in Chile (Sp) 21184

in Germany (Ger) 15339

in Italy (It) 1121

in Missouri, widespread outbreak from common exposure of participants at church meeting 19830

in Poland (Pol) 31527

in Puerto Rico, water-borne epidemic 37250

in Puerto Rico, water-borne epidemic (Sp) 13909

in rural Pennsylvania, role of pub. health nurses & other personnel 52814

in Spain (Sp) 44586

***experimental***

eff. of x-irradiation on resist. of white rats to Salmonella typhi Vi, strain T2 (It) 53794

***immunology***

28317

antibody form. in mice in response to typhoid-H-antigen, eff. of hypothermia 32213

antibody form. in tonsils after Salmonella typhi vacc. (It) 36797

antibody localization by electrophoresis of blood proteins (It) 1937

complete & incomplete O(9, 12) & Vi antibodies in active & convalescent cases (Rus) 55839

complement titer in infected patients & immunized rabbits, eff. of chloramphenicol (Rus) 11501

disappearance of radiophosphorus-labeled vaccine from circ. of normal & immune rabbits after intravenous inject. (It) 36231

eff. of prednisone on agglutinin titers (It) 20813

intradermal inoculation with concentrated vaccine 2860

OEX antibodies (Sp) 27230

polyvaccines, detoxication & adjuvants (Ger) 34081

prev. properties of immune sera in determ. immunogenic properties of typhoid culture in vaccinal prep. (Rus) 55774

typhoid-dysentery-tetanus polyvaccines (Ger) 34082

typhoid-dysentery-tetanus vaccine prep., testing & immunogenic value (Hun) 20158

vaccine & immune serum, quantitative bacteremia test in mice (Ger) 34057

vaccine, biol. assay 4171

vaccine, standard. in mice (Pol) 29510

vaccine, ther. of peripheral vasc. dis. (Pol) 30856

***in infant and child***

blood arginase & glutamic oxaloacetic transaminase in 5189

causing amaurosis & hemiparesis, case report (Ger) 25288

diag. & ther. 40927

ther., chloramphenicol (Rus) 7911

ther., prednisolone with chloramphenicol (Ger) 33825

***manifestations***

atypical manifest. (Bul) 32702

atypical responses in immunized patients (Bul) 32791

unusual manifest. 17429

***prevention and control***

current problems (Fr) 3157

prev. by chloramphenicol treatment of carrier 20904

typhoid-paratyphoid-dysenterial polyvaccines, field results (Rus) 55764

***therapy***

antibiotics (Rus) 36380

antibiotics & prednisone, eff. of purified Vi antigen inject. (It) 13924

antibiotics with cortisone (Rus) 54567

chloramphenicol alone & with prednisone, eff. on serum proteins (It) 29670

chloramphenicol ther. causing agranulocytosis, case reports (Sp) 44568

kanamycin 25022

phenylbutazone alone & with chloramphenicol, comparison 25127

phthalylsulfathiazole-sulfadiazine-chloramphenicol prep. (Ger) 7103

***transmission***

by carrier placing gauze swabs in storm-water drain system, atypical cases 48501

carriers, detection by Vi hemagglut. test (Hun) 7714

carriers, ther. 9427

prev., ther. of carriers (Ger) 6657

water-borne spreading in rural areas in Russia (Rus) 11497

***TYRAMINE OXIDASE*** *see* **OXIDASES**

**TYPHUS**

epidemiol. & serodiag. (Rus) 55802

reconstruction of course of infect. in old epidemic foci (Pol) 31536

review 22323

***case reports***

Brill's dis. 41805

Brill's dis., belated recur. (Dut) 29967

Brill's dis., serol. diag. 37905

epidemic typhus (Sp) 37262

isolated case in rural Argentina (Sp) 15479

***epidemiology***

(Rus) 34639

55801

Brill's dis. in Gt. Brit. 17394

in concentration camp inmates (It) 19219

in German concentration camps (Pol) 32175

in Poland (Pol) 31535

31542

in Russia (Rus) 34671

in Yugosl., DDT-resist. of pediculi isolated in endemic areas (Ser) 27880

***immunology***

complement fixation in convalescents, eff. of non-specific stimulus (Pol) 53225

post-vaccinal immun. after reinfect. of guinea pigs into various receptor zones (Rus) 55775

***therapy***

tetracyclines, comparison of various prep. (Rus) 32899

**TYPHUS, MURINE**

autochthonous, in France (Fr) 54064

in Bulgaria (Bul) 45292

**TYRAMINE**

***in blood***

eff. of electroshock (Ger) 46091

***related compounds***

3-hydroxytyramine depressor eff. in reserpine-treated guinea pigs & rabbits 48238

3-hydroxytyramine determ., fluorimetric method 46699

3-hydroxytyramine determ. in bovine splenic nerves, distribution of 3-hydroxytyramine & arterenol (Ger) 29881

3-hydroxytyramine determ. in lungs of various animals (Ger) 29904

3-hydroxytyramine, hypotensive eff. in guinea pigs & rats, influence of lysergic acid diethylamide (Ger) 45967

3-hydroxytyramine in mammalian brain & other tissues, occurrence & distribution 49348

5-hydroxytyramine urine levels in manic depressive psychosis, changes during manic & depressive phases 17735

***TYRAMINE OXIDASE*** *see* **OXIDASES**

***TYROSINASE*** *see* **OXIDASES**

**TYROSINE**

degradation by dilute nitric acid (Ger) 49885

ultraviolet difference spectra of tyrosine groups in proteins & amino acids 40501

***in blood***

phenylalanine-tyrosine ratio in detection of heterozygous carrier in phenylketonuria 5379

***metabolism***

carbohydrate/tyrosine ratio of fibrinogen, variations in various dis. (It) 37411

tyrosine-activating enzyme of hog pancreas, purification & properties 28249

yeast cells, extraction from intracellular substance (Fr) 48799

***related compounds***

beta tyrosine & deriv., pharmacol. & antileukemic eff. (Rus) 8261

diiodotyrosine, eff. on thyroidectomized dogs & form. of extrathyroidal thyroxin (Sp) 18819

diiodotyrosine metab. by isolated perfused rabbit liver 49253

diiodotyrosine metab. in man, kinetic model 13401

diiodotyrosine oxidations 13717

eff. of horse-radish peroxidase on tyrosine & its iodo- & hydroxy- deriv. (Fr) 26298

iodo deriv., catalytic eff. on reduction of ceric ammonium sulfate by arsenious acid in presence of chloride 38517

iodotyrosine & diiodotyrosine, deiodination after admin. to normal men 35091

iodotyrosines, in rat liver tissue, mechanism of de-iodation (Fr) 26659

ionization scheme for tyrosine & ionization constants for its deriv. 40502

***TYROTHRICIN*** **see** **ANTIBIOTICS**

**ULCER**

***see also*** **PEPTIC ULCER**

cutaneous ulceration on neglected ventral hernia, case report 22728

***complications***

cancer after trophic ulcers (Rus) 45218

***epidemiology***

phagedenic ulcer (Fr) 38774

***experimental***

ischemic, prod. in dogs by brief high pressures & prolonged low pressures, vasc., neurotrophic & metab. aspects 47785

***in aged***

skin ulcers caused by tertiary syphilis 52639

***therapy***

antibiotics with hyaluronidase in tropical ulcer 1229

N-(p-biphenylmethyl)-atropinium bromide (Hun) 43427

cod liver oil-neomycin sulfate ointment (Fr) 43819

ionozone in decubitus & leg ulcers (Fr) 36517

papain-urea-chlorophyllin in chronic ulcers 29323

***ULCER, RODENT*** **see** **CARCINOMA, BASAL CELL**

**ULNA**

***abnormalities***

absence 38006

styloid process, morphol. aspects (Cs) 11848

***dislocation***

dorsal disloc. of head of ulna, x-ray & case report (Ger) 23203

surg. reduction of disloc. of distal ulnar epiphysis (It) 19260

***fractures***

internal fixation in fract. of shafts in adults, value of delayed surg. in prev. of nonunion 50400

***neoplasms***

malignant giant-cell tumor of 18 years' duration 16983

***ULTRAFILTRATION*** **see** **DIALYSIS**

**ULTRASONICS**

absorp. by crystalline lens, aqueous humor & vitreous body 23886

diag. of various eye dis. by measurement of velocity of sound in some parts of the eye 23871

echography in differ. diag. of myxoma of left atrium from mitral stenosis (Ger) 49066

eff. of surg. metal implants on distribution of intensity 36701

eff. of surg. metal implants on temperature distribution in thigh specimens exposed to ultrasound 25515

in detection of glass splinters in food products (Rus) 33640

in exam. of choroidal detachment 23874

prod., mechanism of action & ther. uses 29250

propagation & visco-elastic loss mechanisms in animal tissues & absorp. in inorganic particle suspensions at frequencies of 30 kc to 10 Mc 23353

structural exam. of vitreous body of bovine eye with ultrasonic appar. 669

ultrasonic cleaners in hosp. central serv. 4106

ultrasonic destruction of labyrinth in ther. of Ménière's dis. 54423

ultrasonic energy for extraction of alkaloids from belladonna leaf 16729

ultrasonic locator studies on acoustic & reflective properties of ocular media 24576

ultrasonic midline echo from pineal body as index of pineal displacement 11875

ultrasonic room aerosol appar., clin. applications (Ger) 15365

***effects***

discoloration of methylene blue solutions, eff. of cysteine (Ger) 34240

neutralization of slate chamber tar carcinogens (Rus) 39578

on contractions of embryonic mouse heart tissue in vitro (Ger) 15364

on develop. of bean sprouts, with x-irradiation (It) 53747

on Ehrlich ascites carcinoma in rats (Ger) 41201

on epiphysial cartilage & growing bone in guinea pigs (It) 29609

on erythrocyte electrokinetic potential (Rus) 47980

on exper. transpl. Brown-Pearce carcinoma in rabbits (Rus) 48021

on heart in frogs (Rus) 20202

on kidneys, histol. changes in rats (It) 29610

on oral tissues 40237

on pain threshold after ther. application 1480

on semicircular canals (Ger) 36441

on Trichophyton mentagrophytes, electron microscopy of changes 38873

potable water disinfection, from E. coli, with antiseptics (Rus) 3803

pretreatment of shale tars on carcinogenic activity in mice (Rus) 33325

prod. of exper. acleiencephalus in chick embryos (Fr) 4994

thixotropic eff. (Ger) 47690

***injurious effects***

skin affections (It) 31656

ultrasonic cutting procedures, on teeth of guinea pigs, exper. study & review 50138

***therapeutic use***

comparison with infrared & microwave ther. (Fr) 41411

eye dis. (Pol) 40841

eye dis., indic. & technics (Hun) 45371

foot dis. 45761

gangrene of toes, case report 45921

gynecol. inflamm., combination with hyaluronidase infiltration (Hun) 51427

indic. & contra-indic. in presence of surg. metal implants 43619

inj. of burso-ligamental appar., of knee, in combined ther. (Rus) 52861

irradiation of pallidofugal & nigral complexes in hyperkinetic & hypertonic disord. 50946

mastitis, puerperal, review (It) 29602

Ménière's dis. 34928

Ménière's dis., technic & biol. & clin. eff. 8203

otorhinolaryngol. dis. 3531

paralysis due to polio. (Sp) 29369

physiol. basis & clin. application, review 14561

plantar warts 47779

supraspinatus bursitis 43821

trichomonas vaginitis, indic. & contra-indic. (Fr) 3136

use of β-butoxyethyl-nicotinic acid nonylic acid vanillamide ointment as contact medium 3727

**ULTRAVIOLET RAYS**

absorp. by CSF, determ. (Ger) 27162

determ. of length of time of burial of skeleton (Ger) 27130

disinfect. of air in inf. wards in hosp. protective measures (Ger) 8015

disinfect. of air in locales assigned to sterile work, combined with air conditioning (It) 19181

dosimeter (Hun) 52929

erythema, biol. mechanisms & ther. 51613

erythema in guinea pigs, eff. of various antiphlogistic agents without established clin. antirheum. activity 13458

erythemal & carcinogenic response of mice to far & near ultraviolet light, influence of methoxsalen admin. 28444

erythemic response in schizophrenia, paraphrenias & schizoform involutional psychoses (Cz) 48645

fluorescence of powdered vegetable drugs under ultraviolet rays 16700

microbeam irradiation of living cells, new technic 11748

ultraviolet fluorescence of vitamin B6 & indole (Rus) 25908

use in production of haploid amphibian embryos, method 40790

use in separation of commingled skeletal remains for medicolegal identification 11531

***effects***

artif. & natural, on blood cholesterol in hypertension (Ger) 47689

cancerogenic, in mice (Fr) 2316

carcinolytic eff. on exper. neoplasms (Ger) 32672

eff. of ultraviolet-inactivated virus on reprod. of intact fowlpiague virus in tissue culture (Ger) 46170

form. of vitamin D in isolated irradiated human skin, determ. of maximum amount formed per unit area (Ger) 46578

inactivation of bacteriophage, post-radiation virulence (It) 54241

inactivation of coenzyme I, attempted photorestoration (Fr) 26295

irradiation of 5-hydroxytryptophan solutions causing form. of serotonin (Ger) 39238

mitigation of lethal eff. of x-rays on dividing yeast cells 21704

mutogenic, protective eff. of fluorochrome in pollen (Ger) 10025

on bact. photoreactivity (Rus) 37128

on calcium & magnesium metab. in milk-fed calves 13723

on capillaries in web between toes of frog, comparison with x-rays 29837

on copper-containing blood oxidases in vitro 25433

on desoxyribonucleic acid & protein synthesis in E. coli 1700

on diluted reserpine solutions (Fr) 32836

on immunol. specificity of purified polio. virus 50595

on incidence of phage-producing cells in bact. culture & of oxytetracycline-resist. cells 5108

on nerve fibers in skin, relation of dos. to histopathol. responses (Rus) 22500

on nuclear transfer in Amoeba proteus 3520

on nucleic acid synthesis in Bacillus cereus 40457

on phage precursor desoxyribonucleic acid synthesis in presence of chloramphenicol 10855

on potassium & sodium content of resting Saccharomyces cerevisiae cells 50573

on preservability of blood (It) 9321

on reaction time of young adults to optical stimuli (Ger) 40176

on reduction of methemoglobin applied to pig skin (Ger) 43008

on total lipid content of E. coli B & β/r strains 23288

on yeast cell increase in strains of different ploidy, microscopic comparison with hydrogen peroxide (Ger) 11274

photoisomerization of ergosterol (Ger) 49887

prev. & ther. of radiation inj. (Rus) 39614

prev. of aerogenic infect. in schools (Rus) 7934

protein denaturation (Rus) 47994

reaction of photosensitized glia cells & neurons in tissue culture to incandescent light & electronic flash 28081

skin response in rheum. arthritis, eff. of corticosteroids 36292

sterilizing eff. on pathogenic fungi (Fr) 980

survival of temperate phage after ultraviolet exposure of phage & host bact. (Fr) 13881

teratogenic eff. on amphibian larvae (Fr) 15072

***injurious effects***

electric ophthalmia, expert testimony on fundus changes, review (Ger) 11146

***therapeutic use***

appar., fluorescent lamps in cabinet for total-body irradiation in a single exposure 11580

diabetes insipidus, irradiation of paravertebral & autonomic ganglionic regions (Bul) 32756

in general practice (Fr) 48942

indic., methods & compl. (Fr) 48957

lupus, eff. of irradiation by Finsen's method on vitamin D form. 23711

post-herpetic pain 20373

psoriasis, eff. on blood β-globulins & β-lipoproteins, electrophoresis 5219

retinal detachment caused by macular gap, with sodium chloride (Fr) 14488

skin dis., with adhesive plaster (Rus) 45648

**UMBILICAL CORD**

as reservoir of micrococci, importance in hosp. cross-infect. 48171

blood, antibact. & antitoxic antibodies, specificity & comparison with maternal blood & milk 43517

blood bilirubin level in blood group incompatibility (Ger) 33956

blood calcium, potassium & sodium levels during 3rd stage of labor (Pol) 8090

blood, copper content (Rus) 13127

blood, fibrinolytic activity 11999

blood, fibrinolytic enzyme system in maternal & umbilical cord blood 20159

blood gamma globulin, comparison with maternal blood, electrophoresis 24888

blood, gamma globulin, 19S fraction, determ. & improbability of transplacental passage 17600

blood glutathione, comparison with blood glutathione of newborn (It) 37505

blood, hemoglobin of fetal type in diag. of postmaturity (It) 15027

blood, heparin levels, comparison with maternal & newborn blood (It) 6851

blood, lactic dehydrogenase, relation to glycolysis of fetal tissues (It) 24959

blood of premature inf., antistreptolysin titer (It) 29127

blood, prothrombin & preconvertin levels, eff. of vitamin K admin. to mother in labor 52826

blood oxygen saturation during cesarean section, eff. of anesth. 23539

blood, p-phenylenediamine oxidase, relation to ceruloplasmin (It) 24960

blood, presence of erythropoetin (Ger) 25268

blood pressure of umbilical artery of newborn inf. 383

blood pressure of umbilical vein, eff. of uterine contractions at birth 28.

blood vessel aneurysm causing stillbirth (Rus) 46830

calcium content, eff. of vitamin D (Fr) 47358

coiling causing stillbirth (Rus) 12133

compression causing fetal distress 20070

histopathol. exam. of frozen section for diag. of intrauterine bact. infect. in newborn inf. 41258

ligation, double-stage method (Rus) 32564

ligation, new method (Rus) 43563

prolapse & presentation, causes, ther. & fetal & maternal mortal. 18782

prolapse during labor, ther., adjuvant spinal anesth. 20074

prolapse in labor, etiol. & ther. 35273

prolapse, management 35751

prolapse, resuscitation of newborn with effortil in absence of pulse, umbilical vein admin. (Ger) 34583

prolapse with vasa previa & accessory placental lobe, case report 21801

protector, use in prev. of prolapse & compl. in breech deliveries 7619

twisting around fetal neck causing death in utero (Ger) 23234

***abnormalities***

malform. (Ger) 41602

teratoma-like swelling of possible acardius suture in cord of stillborn female inf. 5621

***hemorrhage***

hematoma 24511

in labor, unusual case (Cz) 38375

**UMBILICUS**

care in newborn (Rus) 12132

structural changes in arterial & venous endothelium following childbirth (Fr) 18543

***abnormalities***

malform. (Ger) 41602

***diseases***

inflamm. with pyelonephritis in newborn inf., pathol. & case reports 41262

pilonidal sinus, case reports 55138

tetanus in inf., ther., chlorpromazine (Dut) 43060

***fistula***

enteroumbilical with open Meckel's diverticulum, surg. indic. & technics (Fr) 17655

***microbiology***

in newborn 17913

***neoplasms***

adenocarcinoma originating in remnants of omphalomesenteric canal (Por) 44444

endometriosis (It) 7745

metastatic (It) 21446

primary adenocarcinoma of umbilical cicatrix, anatomoclin. aspects (It) 25560

***pathology***

Cullen's sign, etiol. & mechanism of prod. 2208

***UNCINARIASIS*** *see* **HOOKWORM INFECTION**

***UNCONSCIOUSNESS*** *see* **CONSCIOUSNESS**

**UNDECYLENIC ACID**

***therapeutic use***

fungus dis. of skin in inf. (Fr) 25485

skin dis., with mineral tar ointment 38839

***UNDULANT FEVER*** *see* **BRUCELLOSIS**

**UNIVERSITIES**

***see also*** **SCHOOLS**

abilities & interests of college students, validation of factors 37989

admission of students in Gt. Brit., standard. of procedure 2180

as research centers, related needs (Por) 8759

avoidance of study & exams & failure among Oxford undergraduates 6161

changing responsibilities of land-grant institutions in teaching & research 54528

college health program, financing 45275

college performance of freshman, correlation with Rorschach test patterns 49771

college psychiatric clinics, short-term analytic group psychother. of undergraduate students 21984

college psychiatric serv., responsibility to faculty & administrative personnel 21982

college psychiatric serv., responsibility to official agencies 21981

college psychiatric serv., responsibility to other counseling agencies 21983

disaster exercise Operation Afta at Tulane University 40330

emotional problems of college students 54628

environmental health & safety problems in colleges, role of safety engineer & college health serv. 54630

environmental health & safety problems of college health serv. 54629

environmental health problems & program opportunities at University of Nebraska 54627

evaluation of hosp. care in university student med. serv. 45274

health educ. in teachers' colleges, in Canada 36437

health of students & faculty, responsibility of university admin. 47208

health serv., responsibilities for college & university swimming pool operation 45279

ment. disord. in foreign students in English universities, classif., incidence & ther. 42174

ment. hyg. of college students, ethical responsibility of ment. hyg. clinic to family & parents 21980

ment. hyg. of students, eff. of college environment 10046

ment. outlook of African & other foreign students in Gt. Brit. 14255

nursing serv. in small college health departments 45278

pulm. tuberc. in students (Ger) 30247

radiation hazards in chest x-ray exam. of college students 54633

selection of students, role of ment. hyg. unit of university health serv. 54631

54632

Universidade de São Paulo, Brazil (Por) 12916

**URACHUS**

***cysts***

congen., case reports (Sp) 13521

***surgery***

excis. of urachus in 3 cases of patency (It) 21438

**URACIL**

***see also*** **THIOURACIL**

pharmacol. (Rus) 39335

***antagonists***

6-azauracil inhib. of crotidylic acid decarboxylase in tumor tissue as primary site of carcinostatic action 37127

6-azauracil, retention in blood in rabbits 30017

inhib. of mammary adenocarcinoma 755 2676

***metabolism***

incorporation in liver ribonucleic acid in rat, eff. of N-2-fluorenylacetamide, somatotropin, testosterone & hypothyroidism 2677

***related compounds***

5-bis-(2-chloroethyl)amino-uracil, antitumor activity against sarcoma 180 & Ehrlich carcinoma 44092

5-bromouracil induction of mutations in E coli phages 19609

5-(β-chloroethyl)amino-4-methyl-uracil, eff. of amobarbital on ther. eff. & tox. in sarcoma-bearing rats (Rus) 33602

5-(β-chloroethyl)amino-4-methyl-uracil in myelocytic leukemia (Rus) 45133

5-(β-chlorethyl)amino-4-methyl-uracil in myelocytic leukemia & other forms of cancer (Rus) 55330

dopane, eff. on growth of transplanted tumors & nucleic acid metab., with 4-aminopteroyl amino adipic acid (Rus) 55299

5-fluorouracil, eff. on Klebsiella aerobacter multiplication in vitro (It) 16007

5-fluorouracil, eff. on leukemia in mice 48580

5-fluorouracil, enzymic ribosidation & ribotidation by Ehrlich-ascites tumor extracts 13773

5-hydroxyuracil antag. of desoxyribonucleic acid synthesis in Vicia faba roots 40595

6-uracil methyl sulfone inhib. of lymphomas & sarcoma 180 in mice 26461

6-uracil methyl sulfone metab. in liver homogenate 26460

**URANIUM**

facilities for uranium fuel manufacture, health & safety aspects 46369

maximum permissible amounts of natural uranium in body, air & drinking water based on human exper. data 49055

subterranean water supply contamination (Rus) 39598

***determination***

applications of analog computer to analysis of distribution & excretion data 49050

***effects***

induction of proteinuria after inject. into rats, analysis of proteins 12545

***injurious effects***

lung cancer in uranium miners in Czech., review (Rus) 55343

uranyl inducing kidney lesions, eff. on protein metab. (Rus) 33568

***metabolism***

distribution & excretion in man 23325

uranium nitrate storage in Ehrlich tumors (Ger) 15854

***poisoning***

uranyl acetate, ther., edathamil (Ger) 22812

**UREA**

***see also*** **THIOUREA**

***determination***

in blood & saliva, comparison 36273

simple & rapid method using urease (Por) 53657

titration constant, dependence upon urea concentration & basicity 26960

***effects***

denaturation of trypsin, potentiation by x-irradiation of trypsin (Fr) 1682

dietary on kidney concentrating ability in rat 35700

disruption of bacteriophages, inactivation by proteinase 45842

on penicillinase activity 47976

on Trypanosoma, morphogenetic eff. (Fr) 27414

***in blood***

eff. of exper. vitamin B6 defic. in mice 14619

relation to renal clearance values (Sw) 43217

simple spot test for rapid microdeterm. 28998

***in urine***

eff. of arterenol & epinephrine in dog 20915

eff. of sodium chloride & carotid artery occlusion in dog 20914

***metabolism***

deamination & synthesis reactions, mechanism (Fr) 15639

excretion through salivary glands, histochem. in rats (It) 1855

kidneys in hamster (Ger) 30537

renal tubular regulation of urea excretion 4672

***related compounds***

aminoalkyl-phenyl-ureas, correlation between structure & local anesthetic action (Ger) 36941

N-carbamoyl deriv. of amino acids, chromatography with 3-oximino-3-butanone (Fr) 26321

carbromal addict., case reports & need for restricted sales 14206

carbromal causing spermatogenesis abnorm., microscopy 51940

glycosyl ureides, synthesis & properties, review 35547

methylurea degradation by Bacillus sphaericus 1346

sulfonylurea cpds., eff. on metab. of frog musc. in relation to their chem. structure 31302

surfen, ther. of eye dis., with prednisolone & neomycin ointment (Ger) 18952

surfen, ther. of skin dis., with neomycin & prednisolone ointment (Ger) 29422



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

ureides with hypnotic eff. (It) 49402

*therapeutic use*

proteolytic debridement of keratosis palmaris et plantaris 23367

urea-papain-chlorophyllin in chronic ulcers 29323

***UREASE see* AMIDASES**

**UREMIA**

clin. manifest., ther. & relation to azotemia 49851

definitions (Sp) 3677

etiol. & pathol. 50112

etiol., manifest. & ther. (Sp) 8910

*blood in*

acquired thrombocytopathy 35852

impaired glucose tolerance, mechanism 3355

isolation of toxic factor 3474

leukocyte count 26033

postdialysis acid-base equilibrium 24432

*etiology and pathogenesis*

glomerulonephritis, peritoneal dialysis (Bul) 28702

liver cirrhosis, relation to blood ammonium levels 34873

malignant blood dis. (It) 27763

post-ther., in leukemia 12331

*experimental*

azotemia develop. after bladder wds. in dogs (Rus) 41534

eff. on liver glycogen synthesis in rats (It) 9938

eff. on validity of post-mortem quantitative histochem. determ. of enzymes in cerebellum of exper. animals 41304

phosphorus metab. changes 15721

*manifestations*

(Fr) 26970

biochem. changes (Sp) 3680

vomiting, pathogen. mechanisms (It) 54219

*pathology*

pathol. anat. (Sp) 3679

*physiology*

kidney funct. (Sp) 3678

3682

liver funct. 5158

nephron funct. 5413

*therapy*

(Sp) 3681

6612

artif. kidney, appar., technic & results (It) 53766

chlorophyllin magnesium sodium salts in chronic dis. (Ger) 11049

curable uremias (Fr) 8249

19-nor-steroids, ther. mechanisms as anabolic substances 19445

perfusion of isolated jejunal segment 40899

perfusion of isolated proximal half of small intestine in management of uremia, case reports 33115

peritoneal dialysis (Ger) 18997

peritoneal dialysis & new methods of intestinal perfusion 23393

postop., ther., artif. kidney (Ger) 39839

**URETERS**

catheterization, eff. on tubular water resorption in kidneys (Ger) 11333

ureteral catheters in gyn. surg. 42824

ureteral catheter, new form (Ger) 11332

*abnormalities*

bifid ureter, one branch having blind end (Ger) 11323

bifid ureter with blind end (Ger) 11338

bilateral ectopic outlet in urethra, without duplication of ureters (Sp) 13536

caused by maternal diabetes, review (Fr) 32370

double megaureter, case report (Sp) 4064

duplication & ectopia in women 16572

ectopia, anastomosis with a single kidney, case reports (Fr) 28679

ectopia, case reports 18143

ectopia in adult males, case reports 33093

ectopic ureteral orifice, case report (Ger) 34364

ectopy causing enuresis (Bul) 28710

ectopy, extravesical anastomosis causing urinary incontience, case report (Fr) 31971

malform., in dystopia of descending colon & sigmoid, case report (It) 14523

megalo-ureter, case reports & surg. in child. (Ger) 33438

megaureter in 3 month old inf. (Hun) 18604 (Hun)

megaureter, physiol. 20713

pyelo-ureteral malform. (It) 25598

retrocaval ureter (Ger) 26167

retrocaval ureter, case report (Fr) 9101

retrocaval ureters, replacement with ileal segment 14169

supernumerary, simulating cystourethrocele, case report (Sp) 30239

supernumerary ureter with vaginal ectopic orifice simulating urinary incontinence (Rus) 41520

surg. problems created in gyn. surg. by undiagnosed develop. defects, case reports (Pol) 39637

ureteropelvic obstruct. causing predominantly unilateral hydronephrosis, separate kidney funct. tests 12003

*anatomy and histology*

anat. of lower end 20712

distal ureter (Fr) 35523

*calculi*

causing colic, management 35929

improved snare for extraction (Cz) 9451

in hemophilia, surg. (Ger) 55597

of distal ureter, surg., ureteroneocystostomy, indic. & technic (Fr) 39848

postnephrectomy calculosis of ureteral stump (It) 29746

surg., indic. (Rus) 18242

surg., transperitoneal lithotomy 33094

surg., transperitoneal ureterolithotomy with drainage of retroperitoneal space (Ger) 38448

surg., transurethral ureterolithotomy, indic. & technic 21871

surg., ureterolithotomy, postop. ureteral stricture (Ger) 55599

ther. by air disimpaction 33077

ther. indic. & results of conservative ther. 35071

with urogenital tuberc., clin. pathol. conf. 19849

*diseases*

bilateral obstruct. in cancer of cervix, problems in radiother. 35865

colic, differ. diag. from rupt. of lower abdom. aorta, case report 30873

cystic pyeloureteritis, x-ray diag. (Fr) 41378

cystic ureteritis, etiol. & histopathol. (It) 21449

exper. block, eff. on arteriographic image of kidneys in dogs (It) 42527

exper. unilateral occlusion, renal angiography during & after dis. in dogs 35460

hydroureter & calculus, with hydronephrosis & pyelonephritis in patient of generalized sarcoidosis, clin. pathol. conf. 16006

malacoplakia, case report 8104

obstruct. caused by idiopathic retroperitoneal fibrosis, with uremia, case report (It) 30683

peri-ureteric fibrosis, bilateral idiopathic, case report 25684

periureteric fibrosis causing renal failure, surg., ureterolysis with adjuvant hydrocortisone ther. 2146

periureteric fibrosis, pathol. & case reports 2141

periureteritis, primary (Fr) 46770

pyeloureteral cystic dis., etiol. & pathol. (It) 1497

pyeloureteritis cystica, x-ray diag. (Fr) 40469

trichomonas ureteritis, ther., furazolidone & nitrofurantoin (Fr) 3137

tuberc., causing stenosis of pelvic ureter, case report (Sp) 18845

ureteritis cystica, bilateral (Ger) 55606

ureteritis, regional, case report (Por) 53199

ureterocele 20715

ureterocele causing anuria, case report (Rus) 45610

ureterocele, ectopic 20716

ureterocele in child. 7461

ureterocele in child. (Dan) 33398

ureterocele with calculi, case report (Pol) 30717

ureterocele with other urinary tract abnorm., unusual case with x-ray diag. 12662

ureterocele with pseudocystic intravesicular dilatation caused by calculi, case report (Fr) 28678

ureterovesical reflux in child., conservative ther. & surg. (Dan) 22449

vesicoureteral reflux 33098

50116

vesicoureteral reflux in child. 7490

vesicoureteral reflux, surg., Bischoff operation (Sp) 13537

*fistula*

appearance after surg. of complicated rupt. of uterus in labor, case report (Fr) 26222

postop., spontaneous recovery (Ger) 16073

ureterovaginal, surg. & statist. (Ger) 55749

*in various diseases*

pyelonephritis, ascending, pathogenic role in 16638

*microbiology*

Trichomonas vaginalis in women without sympt. as cause of recur. Trichomonas vaginitis (Sp) 20046

*neoplasms*

benign tumors (Ger) 34366

ganglioneuroma with involvement of solitary kidney causing anuria, case report (Cz) 9456

Hodgkin's dis. of primary ureteral localization (It) 42670

in females, ther., contact x-ray (It) 31650

metastatic from stomach 5926

papilloma (Ger) 11340

papilloma, differ. diag. from endemic nephritis in Bulgaria (Ger) 35528

primary hypernephroma in child, case report 5916

radical surg. of right ureter, postop. anuria caused by obstruct. of left ureter, recovery (Fr) 41479

transitional-cell carcinoma, clin. pathol. conf. 7443

transitional-cell papilloma of one ureter of horseshoe kidney, case report 50115

*physiology*

contractions, dynamics 51130

eff. of exper. shock (Pol) 24063

eff. of temporary & permanent ureteral occlusion on renal localization & multiplication of E. coli inoculated into rats 37566

electroureterography (Rus) 10711

funct. structure exam. in isolated bovine ureter pieces by studying action of drugs affecting peristalsis (Ger) 29914

peristalsis after surg. in dogs 18144

physiopathol. of reno-ureteral excretion (Fr) 7664

*rupture*

simulating perirenal pseudocyst, case report (Cz) 9445

*stenosis*

caused by cervical cancer (Ger) 39544

pyelo-ureteral, with obstruct. of urinary tract by calculi & anuria, in child (Sp) 37263

strict. in renal tuberc., diag. & ther. 5929

surg., Puigvert technic (Fr) 41485

*surgery*

anastomosis to small intestine loop isolated & attached to skin, indic. & technic (Fr) 18554

bilateral ureteroileal anastomosis with ileocystoplasty for tuberc. contraction of bladder (Fr) 41483

compl. & unfavorable results following operations for urinary diversions 55035

Gersuny technic in exstrophy of bladder 33111

ileoureteroplasty (Rus) 10712

immediate suture following accid. section, case report (Fr) 29137

nephro-ureterectomy, new technic 33089

replacement with ileal segment, indic. & technics 55032

total bilateral polyvinyl substitution in dogs 54698

uretero-enterostomy in palliative surg. of cancer of cervix (Ger) 6108

uretero-ileostomy & cutaneous ureterostomy in child., postop. compl. & case reports 37670

uretero-ileostomy, Bricker technic (Sp) 24743

ureterolleostomy in bladder cancer, postop. body fluid balance disord. 22027

ureterolleostomy, indic. & technic in women 26376

ureteronecystostomy, indic. & technics 55033

ureteroplasty using bladder flap (Rus) 55160

ureterosigmoidostomy by Leadbetter technic (Fr) 20873

ureterosigmoidostomy, compl. & corrective surg. (It) 35704

ureterosigmoidostomy in bladder exstrophy 35527

ureterosigmoidostomy in liver cirrhosis, postop. hepatic coma, case report 10463

ureterosigmoidostomy, postop. osteomalacia, pathogen. & case reports 37672

urinary diversion through isolated rectal bladder with intrasphincteric anal colostomy 39147

*transplantation*

exper. repair of esophageal lesions (It) 30686

*varix*

proximal, x-ray diag. (Ger) 39419

*wounds and injuries*

etiol. & management 33548


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

in surg. of true pelvis (Rus) 52902
surg. inj. 19969
surg. inj. in appendectomy (Rus) 10724
surg. inj., late seq. (Ger) 33348

## URETHANE

***anesthesia and analgesia***

eff. on response of blood pressure to stimulation of central end of pneumogastric, in dogs, comparison with various anesth. (Fr) 38725

***effects***

alteration of cochlear potentials in guinea pig (Fr) 3074
carcinogenicity after long-term application in mice 26477
inhib. of succinic oxidase system in rat liver mitochondria, site of inhib. & relation to site of action of electron acceptors 50070
on chromosomes of Drosophila melanogaster spermatozoa, with x-ray 34377
on Ehrlich ascites carcinoma in rats (Ger) 11201
on exper. inflamm. (Cs) 38245
on growth & differentiation of Pseudomonas aeruginosa 11752
on myelocyte mitotic activity in bone marrow of normal & of leukemic rats 35155
skin tumor induction in mice after oral admin. combined with skin painting by croton oil 25997

***related compounds***

carbamate cpds., nematocidal activity against Strongyloides stercoralis infect. in dog 40410
cycloparaffin deriv., local anesth. properties (Fr) 36178
eff. of halogenation of ethyl group on antimetabolic activity, pharmacodynamics (Fr) 54911
polyurethane plastic material for fract. stabilization 47596

***therapeutic use***

leukemia & lymphoma, histopathol. eff. on spleen 20944
leukemia, Hodgkin's dis. & malignant tumors, statist. (Bul) 16406
plasma cell myeloma, with ACTH (Pol) 30760
urethane-benzocaine nerve block in blepharospasm 14106

## URETHRA

***see also*** HYPOSPADIAS

epithelial cells of distal urethra in urinary sediment., diag. value of non-nucleated cells in ovarian defic. 40670
local anesthetization in males for clin. exam. & surg., technic (Por) 21052
smear cytol. in male rabbits, induction of changes by estradiol admin. 35099

***abnormalities***

bilateral ectopic outlet of non-duplicated ureters (Sp) 13536
valves in female urethra, manifest. & surg. 33450

***calculi***

giant, case report (Ger) 34367
giant double calculosis of prostatic urethra (It) 29745

***diseases***

caruncle & leukoplakia, malignant degen. 24110
cystourethrocele, differentiation from supernumerary ureter, case report (Sp) 30239
obstruct. in female child., etiol. & surg. 12424
of orifice, in females, surg. (Ger) 18988
prolapse, angiohamartoma, urethritis & neoplastiform tuberc. of female urethra, case reports (It) 36714
trichomoniasis (Fr) 1082
trichomoniasis vaginalis in males (Ger) 46232
trichomoniasis vaginalis in males & females, ther. (Sp) 4068
urination disord. in disord. of posterior urethra 11872

***diverticula***

in male, surg. 5919
in women 14682
19273
37667
in women (Sp) 1543
of female urethra (It) 29747
perineal, complicating removal of ischium 28146

***fistula***

perineal-urethral, in scrotal gangrene (Rus) 10730
rectourethral, management principles & technic of surg. closure 5932

***foreign bodies***

fir tree twig (Ger) 11329
migration of metallic splinter after gunshot wound of bladder (Rus) 9874
wire thread, in male (Rus) 41558

***neoplasms***

angioma, in women (Rus) 10728
malignant melanoma of vestibule & external meatus in prem. woman 10460
10990
primary, in females 38070
primary, in women (Ger) 11433
55741
progn. & ther. 18348
reticulosarcoma & carcinoma, of female urethra, case reports (It) 36714
unusual tumors, case reports 43303

***radiography***

contrast media, sodium acetrizoate 12663
33084
33085
contrast media, sodium acetrizoate in cystourethrography 12664
cysto-urethrography during urination, automatic serial technic 35442
in funct. urinary incontinence, diag. value (Ger) 27691
thorotrast in double-contrast cystourethrography in dog 48985
urethrocystography (Af) 9806
urethrocystography in stress incontinence in women 23819
urethrocystography with metallic bead chain technic, clin. value in stress cond. 38572

***rupture***

assoc. with pelvic fract., types of fract. & relative frequency 30923
surg. (Rus) 45602

***stenosis***

cystic orifice in males, plastic surg. (Ger) 29072
in female, manifest. & ther. 18755
in males, surg., perineoplasty & form. of perineal meatus (Sp) 38503
notes from Benjamin Brodie's 1822 surg. lectures 53517
seq. 14175
simple sclerotinflamm. stenosis, value of urethrocystogram in ther. (Fr) 53437
ther. 41076

***surgery***

external meatotomy, technic (Cs) 9455
mucosal anesth. with N-butylprocaine in adhaegon vehicle (Ger) 29798
postop. suspension, method (Ger) 55603
reconstruction of female urethra after iatrogenic loss 5933
reconstruction technic for prev. & management of urinary incontinence after prostatectomy (Sp) 1799
total urethroplasty, technic (Ger) 55744
transperitoneal reimplantation into bladder (Bul) 41584
transsymphyseal approach, indic. & technics 55034
urethroplasty, modified Solovov technic (Rus) 10725

***wounds and injuries***

caused by pelvis fract. 45055
surg., indic. & technics 21822
traum. rupt. & strict., plastic surg., Bengt Johanson technic (Ger) 55583

## URETHRITIS

***see also*** REITER'S DISEASE

allergic type of amicrobic urethritis (It) 30304
non-gonococcal (Fr) 31500
non-gonococcal, microbiol. & primycin ther. (Rus) 13884
non-specific 20580

***case reports***

monilial 14180

***diagnosis***

Trichomonas vaginalis, in male 14184

***epidemiology***

(Ser) 51693

***etiology and pathogenesis***

non-gonococcal in males, theories 37547
of non-gonococcal urethritis in male (Sp) 44589

***microbiology***

L-form bact. (Rus) 45646

***pathology***

(Rus) 55154

***therapy***

antibiotic & chemother., statist. 23706
4-carboxymethylamino-4-aminodiphenyl sulfone- sulfadiazine-sulfamethazine prep. in gonococcic & non-gonococcic urethritis (It) 19173
streptomycin in non-specific urethritis (Ger) 22984
technics in females 33087

## URIC ACID

in blood & synovial fluid, physicochem. properties & electrophoresis (It) 31771
uric acid calculus of parotid gland, with gouty arthritis 36271
uricosuric activity of phenylbutazone analogues, relation to acid dissociation constant 19667

***in blood***

determ. (Por) 16143
eff. of bishydroxycoumarin (Dan) 10648
eff. of bovine somatotropin in man (It) 37412
excess, with atypical gout manifest. 51596
hyperuricemia & gout-like sympt. caused by 6-chloro-7-sulfamoyl-1, 2, 4-benzothiadiazine-1, 1-dioxide 28167
hypouricemia, essential, in renal tubular disord. (It) 31678
hypouricemia in choluric jaundice (It) 19235
in pregn. (It) 54247
in psoriasis, comparison with normal humans 28441
increase in gout, diag. significance 30138

***in urine***

determ. & relation to blood glucose concentrations in pregn. & non-pregn. women 32219
eff. of bishydroxycoumarin on excretion in cardiovasc. patients 46
eff. of x-rays in rats (Rus) 51764
levels during probenecid ther. of gout (Fr) 9227
massive excretion causing compl. in ther. of leukemia & lymphosarcoma 51327

***metabolism***

blood & urinary level in kidney dis. (It) 29703
clearance test in renal dis., value (Pol) 30802
eff. of pyrazinamide (It) 31772
in gout, incorporation of radiocarbon-labeled sodium formate in urinary uric acid (It) 31773
in normal & toxemic pregn. 12428
incorporation of glycine-1-C14, glycine-2-C14 & glycine-N15 into uric acid in normal & gouty subjects 35717
synthesis in birds, inhib. by azaserine & 6-diazo-5-oxo-norleucine 12526
uricolytic activity in humans (It) 31770

## URINARY TRACT

***see also*** BLADDER
***see also*** KIDNEYS
***see also*** URETERS
***see also*** URETHRA

uroepithelium grafts to intestinal submucosa & muscularis in dog 5931

***abnormalities***

(Sp) 23983
exper. prod. in offspring by maternal hypervitaminosis A (Fr) 3062
in labor (Ger) 51850
in primary nonurological congen. dis., statist. 35935
malform. & congen. vasc. tumors, hist. & surg. 18142
multiple abnorm. with ureterocele, unusual case with x-ray diag. 12662
with genital tract abnorm. (Ger) 51869

***calculi***

biochem. of calculi form. (Ger) 45591
caused by malform. of lumbosacral junction, x-ray findings (Ger) 3613
coralliform in 9 year-old child, case report (It) 30984
cystine calculi, diag. & ther. 33121
deduction of chem. composition of calculi by x-ray 32510
etiol., types of stones, ther. & prev., review 29266
exper. prod. in cattle by different diets 12734
fluorine content of apatite-containing calculi 5936
form., comparison of theories (Ger) 45588
form., mineralogist's viewpoint (Ger) 45583
hist. note (Ger) 45582
histol. of calculi form. (Ger) 45590
in child. (Ger) 11315
in child, case report 22739
in child., case reports (It) 29739
in long-term respirator polio. patients, prev. 16609
incidence in polio. 18152
induction in feedlot lambs following diethylstilbestrol implantation in ear 28183
methods for differentiation of various types of calculi (Ger) 45584
microradiographic comparison of crystalline structure of organic matrix, with microscopic & histochem. studies 35464
morphol. of primary formed elements in calculi form. (Ger) 45589
notes from Benjamin Brodie's 1822 surg. lectures 53517
oxalate lithiasis, relation to oxalic acid excretion 5938
pathol., crystal-matrix interrelations in calculi 55039
prev. (Bul) 32828
qualitative analysis, technic (Sp) 41778
recur. caused by cystinuria, case report 14652
relation of calculi form. to urinary apatite, brushite & struvite content at various pH 5937
relation to urinary colloids (Ger) 45585
45586
silica calculi (Nor) 7477
statist. in Japan 45593
surg., indic. (Fr) 31090
ther. 5390
ther., review (Rus) 10731
with renal tubular dis. in child., unusual synd. (Ger) 39910

***diseases***

after radical surg. & radiother. in cancer of cervix (Ger) 55457
as manifest. of allergy 28314
caused by radiother. of cervix neoplasms (Fr) 41367
caused by surg. of cervix neoplasms 5930
caused by uterine leiomyomas 3017
causing backache (Sp) 29362
causing dysmenorrhea (Ger) 51838
compl. of pelvic fract. (Ger) 48353
diag. & surg. (Fr) 24267
diag. & ther., office procedures 9420
diag., mictiocystourethrography with barium sulfate in inf. & child. 24791
diag., translumbar aortography & renal arteriography, indic. & value (It) 8584
42533
diag. value of abdom. aortography (It) 42525
diag., x-ray & pyeloscopy (Cz) 48653
differ. diag. from ovarian teratoma (Ger) 34376
fibrinolysis in surg. & non-surg. urol. patients, diag. & management 17503



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

in aged, results of surg. in Copenhagen hosp. 38844
in ancient Georgian med. (Rus) 55158
in chronically disabled patient, rehabil. 53056
in ment. dis. patients, radiol. diag. (It) 32163
in pregn. & perop. inj. during gyn. surg. 17485
in pregn., x-ray problems 12675
inflamm., in child., diag. & control of ther. (Ger) 34132
inflamm., intramusc. streptodornase-streptokinase ther. (Cz) 9448
neuromusc. disord. in child. (Sp) 12028
obstruct. in child., ther., progn. 52142
obstruct. of upper tract by calculi & pyelo-ureteral stenosis, causing anuria, in 9-year-old girl (Sp) 37363
obstruct., prostatic, classif. 47579
post-schistosomal uropathy, case reports 28967
simulation by various abdom. cond. (Ger) 45960
ther., colimycin alone & with penicillin (It) 52038
ther., scopolamine N-butylbromide in painful & spastic cond. (It) 8060
ther., scopolamine N-butylbromide - phenylidimethyl-pyrazolone-methylamino sodium methylsulfonate prep. (Sp) 29366
urol. emergencies in GP 39027
urol. masking of acute leukemia, case reports (Fr) 28684

*effect of drugs on*

baralgin, x-ray control (It) 3718

*foreign bodies*

loblolly pine straw in male introduced during masturbation, case reports 33078

*in curious diseases*

anat. & funct. changes in chronic pyelonephritis 45575
cancer of cervix, progn. value of systematic urol. exam. before ther. (Fr) 42434
cancer of cervix, systematic intravenous urography before ther. (Fr) 43436
changes in cancer of cervix (Rus) 33614
genital prolapse, preop. & postop. urinary tract funct. tests (Ger) 39541

*infections*

acute non-obstruct., in inf. & young child., renal concentration capacity 35348
after gyn. & obst. surg., ther., colimycin alone & with penicillin (It) 52030
bact. count in urine collected from women by sterile-voiding technic & by catheterization 5268
bacteriol. diag. 27078
causing osteomyelitis, anatomopathol. relation to paravertebral venous plexus 2143
chronic, diag. & ther. by internist (Sp) 53914
chronic, ther., novobiocin 1282
current concepts in the control of 17768
diag. & ther. 49830
in bulbar polio., hosp. statist. 51671
in child. (Ger) 8140
in multiple sclerosis, management 26440
in pregn. 2988
method for detecting & following infect. in females without catheterization 41031
nitrofurantoin sensitivity of bact., disk tests (Fin) 49208
postop. in surg. of female genital prolapse (Sp) 39091
postop., pathogen. & prev. 18354
prev. & ther. with 3-sulfanilamide-3-phenyl-pyrazole 38032
Pseudomonas aeruginosa infect., ther. (Cz) 9453
recur., in child., clin. significance 14166
schistosomiasis (Fr) 21368
schistosomiasis, ther., miracil D 3470
ther., 3-(p-amino-benzolsulfonamido)-2-phenyl-pyrazole (Ger) 3376
ther., antibiotics (Bul) 28717
ther., chloramphenicol-tetracycline prep. (Sp) 9728
ther., colimycin (Fr) 43973
ther., colimycin (It) 52037
ther., colimycin with penicillin (It) 39748
ther., comcused chloramphenicol-nitrofurantoin-sulfisoxazole (It) 44178
ther., depot sulfonamide prep., clin. & exper. evaluation (Ger) 42247
ther., cosmirin 53289
ther., exnamycin 25023
25024
25025
ther., nitrofurantoin 14167
ther., phenylazo-diamino-pyridine with sulfamethizole & tetracycline (It) 38984
ther., sulfathidole in sustained release admin. 33110
ther., sulfamethoxypyridazine (Sp) 39130
ther., sulfamethoxypyridazine, clin. value & tox. 40087
ther., 3-sulfanilamido-6-methoxy-pyridazine (Nor) 45407
ther., 3-sulfanilamido-6-methoxy-pyridazine & sulfisoxazole, relative importance of blood & urinary concentrations of drug 2344
ther., 3-sulfanilamido-3-phenyl-pyrazole (It) 52076
ther., tetracycline alone & with nystatin 1276

*neoplasms*

diag., exfoliative cytol. of urine 18153
of kidney pelvis & urinary excretory passages, case reports (It) 36779
precancerous lesions, classif. & manifest. 24110
review 33286

*physiology*

eff. of increased intravesical pressure on urinary output in dogs 18145
in severe genital prolapse (Fr) 41474
pyelo-ureteral & vesical changes during pregn. & puerperium studied by urography with triiodated contrast media, clin. investigation & review (It) 24966
vesicoureteral reflux, external radioisotope determ. 33112

*radiography*

cineradiography 33098
cineradiography (Fr) 41473
compl., allergic reactions to intravenous urography, ther., chlorpheniramine & diphenhydramine, comparisons 19902
compl., severe allergic reactions to contrast media, statist. 55045
contrast media, diatrizoate sodium & methylglucamine salts with iodipamide methylglucamine in simultaneous cholecystography & urography 12661
contrast media, heterotropic excretion (Ger) 36115
excretory urography after pulm. angiography in pulm. tuberc. (Ger) 45463
in abdom. position (Cz) 9442
in congen. bladder neck obstruct., classif. of x-ray patterns 12657
intravenous urographic differentiation of kidney enlargement in leukemia 12659
intravenous urography in urinary schistosomiasis (Fr) 41365
intravenous urography, technic (Ger) 18944
intravenous urography with retropneumoperitoneum (Rus) 10790
protective cone for routine urol. radiography 5940
radiation exposure of patients & personnel during urographic procedures 33099
roentgenokymography in determ. of motor funct. in urinary tract tuberc. (Rus) 10820
spontaneous extravasation during urography, management 18156
technics & clin. value 12655
urethrocystography during urination, automatic serial technic 35442
urethrocystography in urinary incontinence in females (It) 13106
urethrocystography, metallic bead chain technic, in stress incontinence in females 43710

*surgery*

anesth. technics (Cz) 9449
controlled hypotension with trimethaphan (It) 51960
postop. pulm. emboli & peripheral venous thrombosis 33081
technics (Ger) 45978

*wounds and injuries*

caused by radical hysterectomy for cancer of cervix, prev. 21872
caused by surg. of cancer of colon & uterus, prev. & ther. (Por) 23737
diag. & management 52753
ther. 17616

URINATION

technic for men to avoid dripping of last drops 29327
Wollheim water-load test in liver dis. (Ger) 38945

*effect of drugs on*

morphine & CNS stimulants on micturition reflex in exper. animals (Ger) 29907

*physiology*

centrifugal pathway in spinal cord 5499
eff. of electrical stimulation of medullated bladder on urination in dogs (Fr) 28675
eff. of hypothermia, quantitative aspects (Fr) 26823
mechanism, exper. in dogs (Fr) 46762

URINATION DISORDERS

*see also* ENURESIS

bladder evacuation disord. (Ger) 45404
incontinence in women (Dut) 1621
incontinence in women, diag. & ther. (Ger) 10289
27693
incontinence in women, ther. & surg. (Fr) 27692
incontinence, orthostatic, in women, etiol. & surg., cervicocystopexy, Perrin method (Fr) 27730
orthostatic incontinence in women, review (Fr) 51441
postop. in surg. of female genital prolapse, ther. (Sp) 39091
puerperal, incidence & ther. 38024
retention in acute lumbago, etiopathogen. & clin. aspects (It) 44381
retention, postop. sensitivity & contractile capacity of bladder, comparison with subjects without retention (It) 37162
stress incontinence in women (Sp) 43866
stress incontinence in women, diag. & surg. (Dut) 29994

*diagnosis*

incontinence, funct., diag., tonometry & urethro-urography (Ger) 27691
incontinence, in women, cystometry 38573
incontinence, upper eyelid manifest. (Rus) 10729
polyuria, differentiation of various types by determ. of urinary antidiuretic hormone activity (Fr) 13439
polyuro-polydipsic synd., nondiabetic, nicotine test (Fr) 18565
sphincterometry & urethrocystography in incontinence in females (It) 13106
sphincterometry in urinary incontinence in women (Fr) 27734
stress incontinence in females, technic of metallic bead chain urethrocystography 43710
stress incontinence, in women diag., cystourethrography 23819

*etiology and pathogenesis*

bladder sphincter incontinence following prostatectomy, ther., diphenhydramine & neostigmine, case report 42151
disord. of prostate & posterior urethra 11872
extravesical anastomosis of ureter, case report (Fr) 31971
gyn. dis. (Ger) 42345
hypothenuria in Guillain-Barre synd., with hypertension & hypercalciuria without hypercalcemia in postparalytic period (Sp) 44494
incontinence after prostatectomy, prev. & management with urethral reconstruction, technic (Sp) 1799
incontinence due to uterine & vaginal prolapse, diag. value of bladder & sphincter funct. tests (Ger) 23244
incontinence in epispadias, surg. bending of urethra (Rus) 10720
perineocubdom. resection in cancer of rectum, prev. with simultaneous prostatectomy 10118
polyuria in potassium depletion, contributory role of extrarenal factors 52645
postop. incontinence after hysterectomy (Ger) 55389
pseudodysuria in young girls (Fr) 27733
retention caused by gyn. & obst. disord. (Dut) 52506
stress incontinence caused by uterine suspension, surg. 12425
tabes dorsalis, improvement after corticoid ther. (Fr) 2396

*experimental*

polyuria caused by chronic admin. of levorphan in rats 31388

*in infant and child*

chronic retention in child., early diag. (Rus) 43567
retention in newborn (Fr) 41484
retention of urine caused by bladder neck dis. (It) 42783
surg. with postop. bladder pouch for tubeless drainage in permanent incontinence 53088

*surgery*

incontinence, plexiglass urethral suspension in women (Ger) 55383
incontinence, preop. & post. pelvic floor gymnastics for improvement of results (Ger) 23245
incontinence, stress, full-thickness anterior colporrhaphy 24494
of incontinence in women (Ger) 27689
27690
stress incontinence, clamp for Marshall-Marchetti operation 46988
stress incontinence in women, technic 53097
stress incontinence in women, anterior vaginal suspension operation 40988
vesicourethrolysis in incontinence in women 10142

*therapy*

dihydroergotamine in postop. & postpartal urinary retention (Ger) 55745
granugenol oil prep. in females (Ger) 11336
incontinence (Dut) 29078
incontinence, technic with urethral pessary (Ger) 55750
mysuran chloride in postop. urinary retention, prev. & ther. (Sp) 13547
oxyphenonium in chronic dysuria (Ger) 11008
pelvic floor exercises in female incontinence (Ger) 22849
stress incontinence in women, vesical instillation of testosterone propionate with progesterone in propylene glycol (It) 21487

URINE

*see also* ALBUMINURIA

*see also* ALKAPTONURIA

*see also* GLYCOSURIA

*see also* HEMATURIA

*see also* HEMOGLOBINURIA

acidification in inf. fed human milk & whole cow's milk, comparison 43521
acidity determ. in hydrogen balance disord., review (Ger) 41728
analysis (Dut) 13685
analysis, methods of Industrial Hyg. Group, Los Alamos Scientific Laboratory 11537
biophysiochem. changes after routine vacc. in soldiers (Sp) 21251
blood cell counts 34870
calcium-binding capacity, relation to pathogen. of renal calculi 14163
crystalloid urinary substances, eff. on calcium oxalate precipitation (Ger) 27886
crystalloid urinary substances, eff. on calcium oxalate precipitation with normal urine (Ger) 27887
device for urine collection for inf. boys 20266
Donaggio reaction, technics & diag. value, review (Fr) 8999
Donaggio's test in determ. of efficacy of vitamin C prev. of fatigue in athletes (Fr) 14383

eff. on Protozoa of urine from schizophrenic patients (Ger) 46049

eff. on rabbit spermatozoa motility & fertilising capacity 49487

electrolytic composition & properties 24795

epithelial cells of distal urethra in urinary sediment, diag. value of non-nucleated cells in ovarian defic. 40670

excretion in panting & sweating animals 19477

flow, eff. of elevation of inferior vena cava pressure in dogs 48734

flow, relation to body fluid volume 13667

inhibitors of alkaline phosphatase from extracts of normal male urine 27371

KIK-inactive toxohormones from normal subjects 22261

Kimbarovskii reaction in dysentery, clin. value as prev. measure (Pol) 20463

Kimbarovskii reaction in infect. dis., clin. value (Pol) 8096

Kimbarovskii's color reaction, application in surg. (Pol) 30688

Kimbarovskii's latent color reaction, diag. value (Bul) 16433

Kimbarovskii's latent color reaction, Weiss' chromatogenic reaction & Ehrlich's diazole reaction, comparison (Bul) 16435

metabolite excretion as indic. of cell demolition in radiother. of cancer (Dut) 43055

morphotic elements, clin. value of quantitative determ. by Addis' & Hamburger's methods, comparison (Pol) 53159

osmolality, correlation with specific gravity 51326

pH of apatite, brushite & struvite-containing urines, relation to calculi form. 5937

pH of tubular urine in hamsters (Ger) 30563

phys. & chem. exam. 45038

picture in rats acclimated to altitude, response to cold, neutral & hot environments 35824

picture in rats acclimated to cold, neutral & hot environments, eff. of abrupt temperature changes 35822

picture in rats acclimated to cold, neutral & hot environments, response to high altitude 35823

postop. spectrophotometric curves in bone & joint surg. 10138

pyuria caused by müllerian duct remnant 5922

relations between H-ions and amino nitrogen concentration (Ger) 6075

sample collection from inf., with polyethylene bag 53125

sediment cytol. in gyn. & obst., clin. value (Sp) 8943

sediment exam., technics & diag. value (Fr) 5322

sediment, phase contrast microscopy (Ger) 51945

sediment, quantitative determ. of components (Fin) 49205

sediment, significance of Sternheimer cells in pyelocystitis & pyelonephritis (Ger) 33826

specific gravity determ. in routine urinalysis, technic 6512

substance causing contraction of isolated rat uterus, purification 14126

substance in human urine inducing increase in urinary sodium excretion 20778

total nondialyzable solids in human urine, fractionation method 17074

trypsin inhibitor in normal urine 46600

urinalysis by stick tests, review (Pol) 53196

urinalysis, improved method 46936

urinalysis, new methods (Dan) 33401

urinalysis with reagent tablets & strips (Dut) 29966

urocytogram in diag. of prolonged pregn. (Fr) 44641

uroscopy, hist. 55047

volume & acidity in sheep fed on silica-rich hay with added dietary salts 29846

volume & composition, eff. of arterenol & epinephrine in dog 20915

volume & composition, eff. of sodium chloride & carotid artery occlusion in dog 20914

***microbiology***

bact. count in specimens collected from women by sterile-voiding technic & by catheterization 5268

bact. counts of urine obtained by needle aspiration of bladder, catheterization & mid-stream voided methods, comparison 19853

bact. cultures in general hosp. 41097

bacteriol. exam. 15906

## UROBILIN

***determination***

(Dan) 10614

***in urine***

determ., comparative evaluation of pentdyopent & biliviolin reactions (Ger) 23591

## UROBILINOGEN

***determination***

(Dan) 10614

***in urine***

determ., comparative evaluation of pentdyopent & biliviolin reactions (Ger) 23591

***metabolism***

form. & excretion in jaundice caused by hepatitis & obstruct. of common bile duct & in patients treated with antibiotics, value in differ. diag. 27514

genesis, relation to enzyme inactivation by bilirubin (Ger) 6708

## UROGENITAL SYSTEM

***see also*** URINARY TRACT

***abnormalities***

(Ger) 22920

pelvic kidney & ovarian agenesis with absence of deriv. of müllerian ducts (Dut) 30012

uterus bicornis bicollis with unilateral kidney abnorm. (Ger) 23247

***diseases***

actinomycosis, ther. (Rus) 45611

allergic dis. in males, symptomatol. & clin. aspects, review (Ger) 12186

autonomic dysfunct., skin manifest. (Ger) 46659

diag. & ther., review 18711

disord. after gyn. surg., management (Ger) 15425

infect., ther., chloramphenicol-tetracycline prep. (Sp) 27225

infect., ther., nitrofurantoin 33083

inflamm. & neoplastic disord. causing pericystitis, case reports (It) 25595

malacoplakia of bladder, bladder neck & prostate 38008

mineral water drinking cures (Ger) 42400

postop., after excis. of rectum 31275

31276

ther., procaine block of erector & pudendal nerves (It) 36780

Wuchereria bancrofti & malayi filariasis (Ger) 11327

***fistula***

hosp. statist. (Ser) 51679

in women (Ger) 42314

various types after labor, surg., results (Ger) 11434

***hemorrhage***

preop. & postop. control, intravenous conjugated estrogens 51599

***surgery***

in child., prev. of psychol. inj. eff. (Sp) 21122

postop. mortal., causes (Ger) 45992

review 18712

***wounds and injuries***

detection & management of severe inj. 28159

medicolegal aspects of mechanical inj. 40165

***UROGENITAL TUBERCULOSIS*** *see* TUBERCULOSIS, UROGENITAL

***UROGRAFIN*** *see* CONTRAST MEDIA

## UROLOGY

Amer. Urol. Assoc., hist. & progr. of Southeast Section 33095

contribution of Pavl P. Zablotskii-Desiatovskii (Rus) 16709

in Gt. Brit. (Sw) 10192

in Hungary (Rus) 10721

in U.S., Amer. cooperation with other countries in practice & train. 4533

progr. 37549

progr. (Fr) 41125

review (Ger) 42899

urol. pitfalls in GP 41239

urol. unit at Meath Hosp., Dublin, Ireland 14161

## URONIC ACIDS

***see also*** GLUCURONATES

***determination***

by 5-formylfuroic acid & carbazole reactions 13707

L-iduronic acid, determ. of position in mucopolysaccharides of rat skin 28234

***metabolism***

bact., induction of oxidative enzymes in marine isolate 4720

E. coli, new metab. pathway 13811

hexuronic acids in Erwinia carotovora 47967

uridine diphosphate galacturonic acid biosynthesis by pyrophosphorylases in mung bean seedlings 47707

## UROPEPSIN

diag. value of determ. 36112

eff. of estrogens, progesterone & testosterone in normal subjects (It) 1507

eff. of total adrenocortical extract, desoxycorticosterone, hydrocortisone & prednisone in normal subjects (It) 1508

excretion during simulated flight stress in airmen 55899

excretion in gastrointestinal dis., emotional states & fatigue (Fr) 47351

54126

excretion in normal subjects, eff. of fludrocortisone 24833

excretion in peptic ulcer patients in relation to time of day 24824

excretion measurement in determ. of resist. to surg. stress (Ger) 45962

in diabetes mellitus & gastrointestinal, gallbladder & other dis., clin. value of determ. 24872

in gastritis 24863

in gastrointestinal dis., diag. value (Cz) 26548

in leukemia (Cz) 38124

in myocardial infarct, diag. value (Pol) 30725

in normal & pathol. cond., comparison with excretion rate of urocathepsin 24849

in peptic ulcer & normal cond. during activity & inactivity 576

in premature inf., value in determ. of adrenal cortex funct. in first trimester (Ger) 25276

in pulm. tuberc. 24862

## URTICARIA

(Ger) 39802

(Sp) 8609

asthma-eczema-hay fever-urticaria synd. 53058

etiol. diag. & drug ther. of chronic urticaria 40276

in adolescents, psychogenic factors & reserpine ther. 53607

nettle rash (Cz) 38114

pigmentosa & related disord. 26025

***case reports***

allergic, caused by digitalis 54867

pigmentosa, with skin flushing 26026

pigmentosa, with widespread sclerosis of aponeurosa of bone, x-ray manifest. & pathol 53719

solaris, monochromator findings 48182

***complications***

Loeffler's synd., caused by ascariasis (Fr) 51389

pigmentosa, with Klippel-Trenaunay dis. (Ger) 3993

recur., alternating with psychosis 20873

***etiology and pathogenesis***

incompletely polymerized paladon strips in dent. prosth., diag. by salivary test (Ger) 12179

red ants causing urticaria papulosa 55132

relation to dent. infect. 2938

3-sulfanilamido-6-methoxypyridazine ingestion causing prolonged urticaria 7441

warfarin sodium ther. of peripheral vasc. dis. 38646

***in infant and child***

papular 14089

***physiology***

mechanisms in phys. urticaria 33530

***therapy***

bloodletting (Fr) 9632

reserpine in urticaria pigmentosa 50643

***URTICARIA, GIANT*** *see* ANGIONEUROTIC EDEMA

***UTERINE TUBE*** *see* FALLOPIAN TUBES

## UTERUS

***see also*** CERVIX, UTERINE

***see also*** DECIDUA

***see also*** DOUGLAS POUCH

***see also*** ENDOMETRIUM

***see also*** HYDATIFORM MOLE

cornual fluids of rats in heat, electrophoretic properties 49499

exam. by hysteroscope 5579

size in adolescents, scintillometry 387

***abnormalities***

atresia or obliteration of uterine cavity & cervical canal, surg., with transpl. of fetal membranes 23827

bicornis, case of ectopic pregn. (Por) 13590

bicornis unicollis uniforis in full-term pregn., case report (Por) 18824

bicornis with rupt. of pregn. rudimentary horn, case report 20066

diag. & significance of minor degrees in relation to pregn. 5565

didelphic, with epidermoid carcinoma in situ of both cervices, case reports 12392

didelphic, with twin pregn. 41176

didelphys 17620

dysplasia, diag., pneumopelvigraphy (Fr) 15185

dystopia causing habitual abortion & other infertile cond. (Sp) 20056

malform. in pregn. 50695

relation to sterility, statist. (Sp) 7575

rudimentary cornu in pregn. (Rus) 12173

unicornia, with menometrorrhagia, case report (Fr) 15181

unicornuate uterus with ectopic dermoid cyst of ovary & ectopic kidney, case report 21813

uterus bicornis unicollis with hematometra in rudimentary horn, in adolescent 52838

***anatomy and histology***

epithelial histol. in castrated & estrus mice, electron microscopy 5910

mucosal uninuclear epithelial macrophages (Ger) 33949

smooth musc. in pregn. rabbit, electron microscopy 16957

***blood supply***

aneurysm, arteriovenous, of uterine artery & its branches (Ger) 36010

circ. in pregn. toxemias 3007

in pregn., determ. with radiosodium (Ger) 49757

ischemia in pregn., eff. on blood pressure in rabbits 5573

plexus uterovaginalis, demonstration of venous valves (Ger) 55632

postpartum blood vessels, morphol. & histochem. changes 46498

spiral arteries, morphol. & funct. in guinea pigs, review (It) 25525

***diseases***

adhesions, x-ray diag. (Heb) 16084

benign dis. of fundus, x-ray diag. 30925

causing amenorrhea, ther. (Pol) 27603

collagenous myometrial infiltration, diag. value of Masson's trichrome stain 50625

hematometra, case reports (Por) 35959

hypertrophy with hilus cell tumor of ovary & virilization in 73-year-old woman (Ger) 49017

inversion in puerperium, mechanisms & statist. (Por) 12899

inversion in 79 year old subject 17850

parametritis, exudative, ther., periodic puncture (Rus) 12131

post-traum. intra-uterine disord. causing discharge, curettage (Sw) 45328
prolapse (Fr) 3712
prolapse causing urinary incontinence, diag. value of bladder & sphincter funct. tests (Ger) 33344
prolapse during pregn., case reports (Fr) 26271
prolapse in aged, surg. technic (Pol) 27668
prolapse, pathogen., surg. & progn., review (Por) 35955
prolapse, preop. & postop. urinary tract funct. tests (Ger) 39541
prolapse, severe, eff. on urinary tract (Fr) 41474
prolapse, statist. 35266
prolapse, surg. (Fr) 26254
prolapse, surg. & long-term follow-up (Ger) 39750
prolapse, surg., clin. statist. (Por) 18822
prolapse, surg., Halban operation, postop. urinary compl., ther. (Sp) 39091
prolapse, surg. indic. & technics (Sp) 3328
prolapse, surg., Manchester technic 40975
prolapse, surg., Taranto technic 50626
prolapse, surg. technic (Fr) 44707
prolapse, surg., vaginal hysterectomy (Fr) 44835
prolapse, ther. (Sp) 21130
prolapse, ther., estrogens 4462
prolapse, ulcerative total, management (Sp) 39623
prolapse with visceroptosis in a nullipara, case report (It) 21484
prolapsus after hysterectomy, prev. & ther. (Fr) 27705
postpartum inversion of unicornuate uterus 24514
puerperal uterine infect. in cows, ther., chlortetracycline & neomycin 28180
recur. glandular cystic hyperplasia, relation to granulosa & theca cell tumors (Ger) 6710
retroflexion in non-pregnant & pregnant Indonesian women in W. Java (Dut) 7338
retroversion causing sterility, surg., suspension operations 10060
retroversion, endometrial histopathol. (It) 54253
retroversion with genital prolapse, surg., vaginal hysteropexy with isthmic retrouterine ligamentopexy (It) 38547
schistosomiasis in pregn. 50982
synechia, surg. & case reports (Fr) 51372
synechia, surg. followed by term pregn. & normal inf. (Fr) 3128
synechia, ther., décollement & dilation with Hegar dilator (Fr) 26237
synechia, total, of tuberc. origin (Fr) 39757
torsion in calcified uterine leiomyoma, case report (Por) 12896
total atresia caused by curettage, trans-abdom. surg. reconstruction (Fr) 27709
tubo-uterine spasm, case report 54507
uterine suspension synd. causing urinary stress incontinence, surg. 12425

***effect of drugs on***

***see also*** OXYTOCICS
acetylcholine 5561
1-diethylamino-1-(p-ethoxyphenyl)-3-phenyl-butane, 1-(3,4-dimethoxy)4-diphenyl-1-dimethylamino-butane & papaverine, on isolated guinea pig uterus & on human uterine fibers (Ger) 49819
diethylstilbestrol & other estrogens on uterine weight in immature mice as bioassay of estrogens 39202
diethylstilbestrol on uterine weight in immature mouse, response to dietary fat 39201
epinephrine & sex hormones on uterine motility in dogs in vitro & in vivo 12755
ergot on non-pregn. uterus of human volunteers 5566
estradiol & progesterone on morphol. & phosphatase levels in castrated rabbits 35116
estrogens on fluid absorp. & on growth in rats, comparison of different prep. 49268
exogenous gonadotropins on rats on protein-free diet 31298
β-glucuronidase activity inhib. by local potassium hydrogen saccharate application, eff. on estradiol-induced changes in rat uterus 35145
β-glucuronidase activity inhib. by local potassium hydrogen saccharate application in rat 35144
17α-hydroxyprogesterone acetate & 6α-methyl-17α-hydroxyprogesterone acetate on uterine motility in rats, comparison (It) 48120
lipoid extracts of mammary gland & placenta & cholesterol, chemomorphotic eff. in young rats (It) 29627
d-lysergic acid cyclopentylamides, postpartum uterotonic eff. (Cs) 26520
oxytocin on isolated guinea pig uterine horn in vitro (Fr) 26773
relaxin inhib. of spontaneous uterine motility in vitro, use as bioassay method 11910
serotonin, on rat uterus, inhib. by ceruloplasmin (Fr) 26745
serotonin on uterine contractility 36597
sex hormones on uterine growth in mature & immature dogs 13754
stimulant eff. of various Indian plant drugs on non-pregn. rat uterus 40080
1,1,1-trifluoro-2-bromo-2-chloroethane inhib. of contractions during labor anesth. 29000

***effect of radiations on***

x-rays, reactions of atrophic uterus in rats (Ger) 10014

***fistula***

uterocutaneous, after multiple myomectomies, case report 7618
vesico-uterine, case reports (Fr) 26273

***foreign bodies***

metal pessary retained for many years (Dan) 22419
nail in parametrium used in criminal abortion 640

***hemorrhage***

***see also*** MENORRHAGIA AND METRORRHAGIA

***see also*** MENSTRUATION
abnorm. bleeding, causes 38580
abnorm. bleeding, diag. 38581
abnorm. bleeding during climacteric, diag. & management 38583
caused by uterine hyperplasia, ther., oral norethisterone (Sp) 2956
hematometra after menopause (Fr) 26258
in atresia of fallopian tubes & hemosalpinx, case report (Sp) 8869
in inf. & child., etiol. & management 38582
in pregn., caused by hemorrh. diathesis (Por) 8821
postmenopausal bleeding, etiol. & diag. 38584
uteroplacental apoplexy with afibrinogenemia, case report (Fr) 26238

***innervation***

sympathetic & parasympathetic nerve supply & eff. of hypogastric sympathectomy & pelvic parasympathectomy on uterine funct. in pregn. in dogs 54716

***metabolism***

contractile, water-soluble & stroma protein content in uterine musc. (Ger) 47638
eff. of adenylpyrophosphoric acid on oxidative metab. of homogenates of guinea pig myometrium (It) 44829
electrolyte composition in pregn. & normal & prolonged labor 50972
electrolytes in pre-eclampsia 50973
free amino acid determ. in normal human uterine tissue 24839
glutamic oxidase & α-ketoglutaric oxidase activities in pregn. rats (It) 32593
glycogen content of uterus & placenta, histochem. determ. at various periods of pregn. in rats (Rus) 13867
glycogen form., eff. of estrogen & corpus luteum hormone in rabbits (Ger) 3939
histamine in ovariectomized rat, eff. of estradiol & hydrocortisone 18619
histochem. study of sheep uterus 12744
peroxidase activity in metrial gland of pregn. rat 49356
phosphorylases in rat uterus, eff. of various hormones 39207
potassium & sodium content of secretion 47110
radiophosphorus incorporation in castrated rats, eff. of estrogens (It) 13956
radiosulfur uptake in cornua of rabbit uterus, relation to hormonal state of ovaries (Fr) 26846
ribonucleic acid during puerperium in guinea pig, histochem. (It) 54255
sulfomucopolysaccharides, radioautographic & histochem. studies in rabbits after radiosulfur admin. 11909
vitamin requirements of uterine fibroblasts of strain U1279 & their replacement by related cpds. 25410
zinc, spectrum analysis (Sp) 8854

***pathology***

in exper. vitamin A defic. (Rus) 25763

***perforation***

caused by catheter in criminal abortion 639

***physiology***

action currents in non-pregn. & pregn. rabbit & in human labor after admin. of oxytocics, electrohysterography (Fr) 9175
action potentials in pregn. (It) 37392
capacitation of rabbit sperm in uterus of rabbit in various stages of reprod. & in hormone-treated rabbits 15614
changes of electric potential during contractions, electro-hysterography (Fr) 27707
changes of fibrous network of mucosa during pregn. & menstrual cycle, electron microscopy (Ger) 47635
contraction, activation, regulation & inhib. by different lipid fractions in amniotic fluid & placenta (It) 29614
contraction, anatomophysiol. mechanism & pharmacol. (Fr) 9036
contraction cycle features of isolated contractile structures of musc. (Ger) 30568
contraction, eff. of electric stimulation with exponential currents (It) 13112
contractions, eff. on blood pressure of umbilical vein at birth 281
contractions, review (Fr) 44639
eff. of drug-induced contractions on electrolyte exchange between uterine tissues & saline-bicarbonate medium 48454
eff. of emulsion of helminths on contractile funct. in animals (Rus) 12109
eff. of estrogens on blood flow in ovariectomized rats 17038
eff. of spontaneous & induced labor in pregn. dog & sheep on uterine blood flow & uterine metab. 35799
electrical & mechanical responses of uterine smooth musc. during anaphylaxis in vitro 47105
electrical potentials in pregn., labor & puerperium, recording appar. & technic (It) 13105
emigration of leukocytes into uterus after estrogen treatment, mechanism 5651
epithelial mitosis in estrus cycle in mice (Rus) 48024
excitability during pregn., method of determ. (Rus) 12107
hemodynamics of contraction in labor 12414
higher nervous funct. in hypophyseal-utero-ovarian system, response to eff. of amphetamine on pregn. tests in impuberal rats 9461
histamine, serotonin & antigen-antibody complex activity in isolated sensitized guinea pig uterus 16526
histol. & histochem. of armadillo uterus during delayed & post-implantation periods 12923
motility of non-pregn. uterus during & after reproductive period 35274
mucous lymphatic vasc. changes during menstrual cycle (Rus) 12164
myometrial motility 45930
myometrial motility in pregn. & non-pregn. uterus 10467
simultaneous occurrence of certain changes in uterine & renal activity in dogs, role of oxytocin 20618
spontaneous motility, eff. of epinephrine, arterenol & acetylcholine on pregn. & non-pregn. uterine strips in vitro 50978
substance in urine causing contraction of isolated rat uterus, purification 14136

***radiography***

in pregn., indic., diag. value & risks 52831

***rupture***

after external version in labor in subject with afibrinogenemia 5578
asympt., in pregn. after previous cesarean section, case report (It) 21492
caused by placenta percreta, case reports (Ger) 39754
during labor, case report 20070
in labor, causes (Ger) 3740
in labor, surg. with postop. hemorrh., afibrinogenemia, shock & ureteral fistula, ther. & reoperation (Fr) 26222
in pregn. after previous cesarean section (It) 54259
in pregn. after previous cesarean section, case report & statist. (Fr) 26250
in pregn., case reports (Sp) 27585
in pregn., differ. diag. from hematoma of rectus abdominis 24515
in pregn., in Moroccans, incidence, causes & compl. (Fr) 27711
in pregn., last trimester 45092
in pregn., statist. 3921
in pregn., statist. (Sp) 7572
7591
of isthmus uteri, in labor, with hemorrh., use of abortus forceps for compression of uterine artery (Ger) 38641
prev., diag. & ther. (Rus) 9864
rupt. of cesarean scar in gravid uterus with placenta previa & placenta accreta 40344
spontaneous (Rus) 12159
spontaneous, causing hemorrh. in puerperium (Cs) 30274
spontaneous, with fetal death (Ger) 23229
statist. 26377
traum. rupt. in pregn. in automobile accid., case report 12671

***surgery***

***see also*** HYSTERECTOMY
curettage, compl. & errors in technic 43298
curettage, diag. & ther. value in postmenopausal endometrial disord. (Heb) 16083
curettage, technic 17674
parametrial area, surg. anat. (Rus) 12118
post-delivery curettage causing intrauterine disord. (Sw) 54812

***transplantation***

intrasplenic combined ovarian-uterine implantation as measure of gonadotropic activity in castrate rats (Ger) 35131

***wounds and injuries***

during labor, prev. & management 38588
gunshot & grenade inj. in pregn., case reports (Fr) 26225
gunshot inj. in pregn., case report (Fr) 14370
shotgun inj., unusual cases 52685

***UTERUS, CERVIX*** ***see*** CERVIX, UTERINE

## UTERUS NEOPLASMS

***see also*** CERVIX NEOPLASMS
14049
carcinosarcoma, clin. & anatomopathol. aspects & case report (It) 29691
carcinosarcoma, histogen. in tissue culture 46990
develop. stages & diag. of cancer of uterus & endometrium 38563
endometrial 20089
38603
intravenous leiomyomatosis 47590
leiomyoma & sarcoma 40912
mesenchymal sarcoma 46589
mesodermal mixed tumors, differ. diag. & case reports (Ger) 36029
mesothelioma 652

***blood in***

C-reactive protein, diag. limitations (It) 33378

iron level in leiomyoma (Ger) 11455
polarography, value (Ger) 33951
proteins in complicated leiomyoma, diag. significance (Sp) 8867

***case reports***

27107
(It) 21491
adenocarcinoma, metastasis to retina 47032
adenocarcinoma of endometrium with squamous cell carcinoma of cervix uteri 48506
calcified leiomyoma with Hodgkin's dis. of mesenteries & retroperitoneal space, clin. pathol. conf. 52622
calcified myomatosis (Sp) 37219
choriocarcinoma 2861
choriocarcinoma with multiple metastases, in patient of hydatiform mole, clin. pathol. conf. 48557
epithelioma of corpus uteri & vagina (Fr) 15173
hemangioma, diffuse cavernous 51023
in parous women (Fr) 11178
leiomyoma, calcified, with uterine torsion (Por) 19896
leiomyoma with rapid rate of growth 30187
massive subserous fibromyoma with endometriosis & fibrolipose degen. (Sp) 43910
mesenchymoma 50985
mesodermal mixed tumor (Sp) 13533
mixed mesodermal tumors in aged woman (Dut) 30003
pedunculor torsion of leiomyoma causing develop. of giant cystic fibromyoma (Hun) 30398
sarcoma 48992
sarcoma of stromal origin with extensive calcification & massive metastases to lungs & pleura, clin. pathol. conf. 43149
vegetative adenocarcinoma with ovarian thecoma (It) 44333
with feminizing ovarian tumors (Ger) 27494

***complications***

diabetes mellitus, incidence 48988
endometrial adenocarcinoma, with subsequent teratoma of ovary (Dut) 29996
fibroma causing tubal pregn. & hemoperitoneum, case reports (It) 38546
leiomyoma with pyosalpinx, clin. pathol. conf. 43138
metastases to gastrointestinal system (It) 44313
metastasis to vagina (Sp) 32448
polycythemia in leiomyoma 47012
sterility in leiomyoma, mechanisms, clin. manifest. & surg. 3024
talc granuloma of endometrium causing metrorrhagia, case report (Fr) 3132

***diagnosis***

40432
biopsy, colpocytol. & colposcopy, comparison (Por) 13894
cytodiag. by biopsy & vaginal smears, comparison 24132
cytodiag., concentration of malignant cells from vaginal washings by new type of centrifuge 35265
cytodiag., screening through physicians' offices, statist. 4476
cytodiag., statist. (Fr) 14329
cytodiag., value of routine exam. (Ger) 24131
fast biopsy in cryostat (Ger) 11446
fundus cancer, cytodiag., value of Papanicolau smear 11063
hysterography, value in cancer of uterine body (Fr) 28241
in aged 40059
moles (Fr) 36366
Papanicolaou smear technic in early diag., evaluation 41157
radioautography of radiophosphorus (Ger) 48084
vaginal & cervical smears 24199
vaginal-smear technic of Papanicolaou, results in Helsinki gyn. clinic (Ger) 36040
x-ray, eff. of age on blood picture (Ger) 46070

***differential diagnosis***

adenomyosis & adenomyoma, definition & differentiation 3015
adenomyosis, differentiation from endometriosis 12419
cytol. (Fr) 24133
intraglandular morules of endometrium 46905
leiomyoma, submucosal necrotic (Fr) 36277

***etiology and pathogenesis***

endocrine disord. 46987
role of estrogens in etiol. of endometrial cancers, review 35088

***in pregnancy***

leiomyoma 3025
myoma, management (Fr) 37735
pedunculated leiomyoma, with full-term pregn., case reports 36025
x-ray diag. 52831

***manifestations***

signs & sympt. of leiomyoma 3014
urinary tract disord. in leiomyoma 3017

***metabolism***

free amino acid determ. in malignant human uterine tissue 24839
tumor tissue zinc, spectrum analysis (Sp) 8854

***pathology***

anat. & histol. study of uterine body after telecobalt ther. (It) 55093
endometrial cancer, relation to Stein-Leventhal synd., review 17810
endometrial involvement in epidermoid carcinoma of cervix, case reports 7605
leiomyoma, benign & malignant changes 3016
leiomyoma, mastopathol. of uterine arteries (Fr) 51367
leiomyoma, necrobiosis, expulsion process & vermiform bodies (Fr) 31899
pathol. statist. before & after discovery of radiother. (Pol) 7770
vaginal & endometrial receptors in endometrial cancer (It) 55091

***prevention and control***

cytol. mass screening 24151
detection method in indust. 39
early detection system in Austria (Ger) 45968
in Arkansas, problems of mass screening program 16856
in Tennessee, vaginal cytol. technic in screening project 24200
ther. of precancerous states (Rus) 45219

***statistics***

in Australia 29300
in Finland in 1926-53, incidence of carcinoma of cervix & corpus uteri according to age & parity (Ger) 36027
mortal., comparison with breast cancer mortal. in various countries (Fr) 37803
population structure & incidence in Gt. Brit. & So. India 5568

***surgery***

***see also*** HYSTERECTOMY

compl., urinary disord., prev. & ther. (Por) 23737
eff. of time interval between conization & hysterectomy for cancer on develop. of postop. fever 26420
leiomyoma (Ser) 51724
leiomyoma, conservative surg. in sterility & pregn. (Ger) 29435
leiomyoma, technics 49755
local fibrinolysis during surg. of fibromyoma 36046
myomectomy 3020
palliative neurosurg., methods & results (Por) 23738

***therapy***

androgens, saturation dosage, control & results (Fr) 27708
curiether. (Por) 23733
in private practice 43300
preop. intracavitary radium ther., evaluation 10466
10989
radio-cobalt teletber. (It) 13133
radiother. & surg. (Ger) 15417
radiother. & surg. in leiomyoma 3018
radiother. in leiomyoma 3019
radiother., intravaginal admin., technic (Ger) 10022
radiother., selection of patients by count of sensitization-response cells of vaginal smears (Por) 35988
radiother. with dietray controls 6477
results, statist. (Ger) 39539
statist. (Ger) 23218
x-ray ther., follow-up of results (Fr) 17989

***UTRICLE see*** LABYRINTH

## UVEA

***see also*** CHOROID

***see also*** IRIS

***anatomy and histology***

historadiography (Fr) 13061

***diseases***

diag. by Middlebrook-Dubos hemagglut. test (Cz) 21563

***neoplasms***

anatomopathol. (Ger) 51286
ciliary body & iris, metastatic 23438
melanoma, culture 24557

***pathology***

loss of tonicity of ciliary musc. in etiol. of glaucoma (It) 13936
mast cells, eff. of hormones & exper. scurvy 47050

***physiology***

eff. of ciliary musc. on aqueous chamber filtration in accommodation (Ger) 12953

## UVEITIS

Vogt-Koyanagi synd. 2631
Vogt-Koyanagi synd. (Fr) 25508

***blood in***

antistreptolysin & antistreptohyaluronidase titers 34914
antistreptolysin O titer, relation to pathogen. of anterior uveitis 34009

***case reports***

atypical Vogt-Koyanagi synd. 17446
cryptococcal uveitis & meningitis, postmortem pathol. 57
Fuchs' synd. with progressive facial hemiatrophy & alopecia (Fr) 40869
Harada's dis., 18-year follow-up (Fr) 7089
juvenile, assoc. with band-shaped keratitis (It) 24963
massive, with pseudo-crystalline lens, in 56-year old man with ankylosing spondylitis (Fr) 11940

***complications***

chronic genital infect., incidence in males with uveitis 48255
mandibulofacial dysostosis, Hallermann-Streiff type, with Fuchs' synd. (It) 13942

***diagnosis***

blood-aqueous humor Middlebrook-Dubos test (Ger) 28932

***etiology and pathogenesis***

free lens substance in eye, diag. & ther. 11699
granulomatous 55017
leprosy, ther. (Fr) 7068
leptospirosis (Ger) 11151
multiple sclerosis with uveoneuritis synd. (Fr) 41911

***experimental***

demonstration of aqueous humor serol. properties by Ouchterlony's specific precipitation test in bulls & rabbits (Cz) 14826
eff. of hesperidin phosphate with 2-trimethylacetoxy-acetophenone & vitamin C in rabbits (It) 13943
episcleral venous & intraocular pressures in anaphylactic horse serum uveitis in rabbits (Ger) 43346
osmotic pressure of aqueous humor in anaphylactic uveitis in rabbits (Ger) 20130

***manifestations***

ocular fundus in uveo-meningitis 37607

***therapy***

review (Rus) 22557

***UVULA see*** PALATE

## VACCINES AND VACCINATION

***see also*** BCG VACCINATION

***see also*** IMMUNITY

antigenic relationship in complex immun., review (Rus) 55821
biophysiochem. changes in urine after routine vacc. in soldiers (Sp) 21251
combined vacc. with living vaccines (Rus) 55779
combined vaccines, review (Fr) 9179
control of immunogenic properties of anatoxins for vacc. on mice (Rus) 55811
controlled trials of vaccines 5803
diphtheria-tetanus-whooping cough vacc. in young inf. (Sp) 16117
dysentery, tetanus & typhoid polyvaccines, detoxication & adjuvants (Ger) 34081
dysentery-tetanus-typhoid polyvaccines (Ger) 34082
eff. of first vacc. on EEG 12037
eff. on conditioned reflexes in animals (Rus) 11492
enteric-tetanus polyvaccine (Rus) 55761
55762
enteric-tetanus polyvaccine, field studies (Rus) 55763
evolution of some methods of vacc. (It) 9374
immunol. response of newborn & other inf. to mass vacc. during first months of life (It) 42730
in Hungary, organis. of mass vacc. (Hun) 30038
indic. & problems (Ger) 11011
live plague-tularemia-brucellosis-anthrax polyvaccine, eff. in guinea pigs (Rus) 55795
of child. 12478
oral vaccine in nasopharyngeal infect. in child (Fr) 50769
physiol. methods of immun. (Rus) 45890
polio. virus detection in vaccine lots used in Idaho in 1955 53660
polyvaccines (Rus) 55820
polyvaccines against intestinal infect. & Q fever (Rus) 55792
polyvaccine against plague & tularemia (Rus) 34663
polyvaccines, immun. reactions (Rus) 33502
reaction of rabbit organism during immun., eff. of calf tonsil extract (Fr) 9065
records for child vacc. (Rus) 55815
review (Fr) 9173
smallpox vacc. controversy in 18th century in Boston 2358
smallpox vacc. controversy in 19th centry in New England, comparison with modern polio. & other controversies 2359
standard. with stable turbidity scales (Rus) 55830
standardized card & system for recording of all immun. procedures 20649
staphylococcic anatoxin treated with phosphorylated hesperidin, immunizing activity in rabbits (Fr) 48853
sterilization of cannulae (Ger) 52230
vacc. procedures in various countries (Fr) 44691

***complications***

acute demyelinating encephalomyelitis following antirabies vacc. in guinea pigs, histol. 4347
allergic reaction to penicillin in Brit. polio. vaccine in child., case report 2252
allergy to animal proteins in vaccines & immunizing agents 1129
antitetanus serum polyradiculitis, ther., cortisone 2197
CNS seq., prev. by prevacc. with inactivated antigen (Ger) 52257
encephalomyelitis in child., relation to age (Ger) 37024
encephalomyelitis, post-vaccinal in rabies vacc. (Fr) 44755
horse serum neuropathy caused by tetanus vacc. 37817
leukemia, acute, following TABDT vaccine, case report (Fr) 14386
para-allergy in jennerian vacc. (It) 25553
pertussis vacc. (Fr) 14461
polio. vaccine causing severe allergic reaction 7455
polyvalent dysenterial vaccine causing hemorrh. glomerulonephritis (Bul) 32749
postvacc. encephalitis, age factor in pathogen. (Ger) 52253
52276



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

postvacc. encephalitis, differ. diag. from pan-leukoencephalitis (Ger) 25385
postvaccinal eczema (Ger) 15343
rabies vaccine causing NS dis. in child. (Rus) 34791
Salk vaccine causing menstrual disord. 18743
Sample vaccine causing anaphylactic shock in rabbits, comparison with Hempt vaccine (Ger) 36422
serum reactions in tetanus vacc., prev. 49853
smallpox vacc. causing encephalitis with mest. defic. & behavior disord. in child, aggravation after lobotomy (Sp) 8882

*preparation of*
bact. & viral vaccines (Dut) 7277
Clostridium perfringens β-toxin toxoiding with β-propiolactone for vaccine prep. 19686
emulsified vaccines, appar. for emulsification in oil 17590

*therapeutic use*
autovaccine ther. of fungus dis., technic & indic. (Fr) 3410

VACCINIA
paravaccinia & vaccinia (Pol) 30774

*experimental*
eff. of intramusc. trypsin in rabbits (It) 9352
eff. on leukocyte count, blood proteins & cholesterol in calves (Ger) 55486
immunol. relations to herpes simplex in mice (Ger) 46237
in cattle (Ger) 46236

*immunology*
antivaccinial gamma globulin prev. of smallpox 18367
purified vaccine lymph, eff. on oligospermia caused by x-ray exposure in roentgenologists 22916
vaccine, ther. of herpes simplex 41043

*in infant and child*
eczema vaccinatum, case reports 7842
fatal generalized (Rus) 25737
gangrenous & generalized, case reports (Hun) 39736
generalized & gangrenous vaccinia caused by smallpox vacc. (Ger) 36170
in eczema, with fatal intestinal hemorrh., case report (Fr) 37876

*virus*
attempted culture on tissue cultures of rabbit kidney epithelial cells (Fr) 13033
count by electron microscopy in crude extracts of infected tissues 31418
cytochem. & electron microscopic analysis after purification with 1, 1, 2-trichloro-1, 2, 2-trifluoroethane 14094
eff. on HeLa cells in tissue culture (Pol) 20190
eff. of thimerosal 45841
fixation of erythrocytes on vaccinia cells cultured in vitro (Fr) 48841
inoculation into embryonated chick eggs, eff. of specific gamma globulins (Fr) 48856
interference with Asiatic fowl plague virus (Rus) 33653
multiplication in rabbit corneal epithelial cells, demonstration by fluorescent antibodies 46779
purifying eff. of 1, 2, 2-trichloro-1, 1, 2-trifluoromethane on 3082
toxic eff. of virus on leukocytes in vitro 40900
ultraviolet-inactivated virus, interference with skin infect. by active virus in rabbit (Fr) 26781

VAGINA
*see also* VULVA
bact. proliferation & odor in radium ther., control by chloramphenicol (It) 52097
discharges during pregn., classif. & management 33736
infrared colpophotography with simplified serial connection of red filters on I, H, G, colpophotographic appar. (Ger) 23220
stereocolpophotography, appar. & technic (Ger) 55736

*abnormalities*
absence, surg. & case report (Por) 36903
absence, surg., postop. normal menstruation 7629
atresia ani vaginalis in sheep, case reports 50288

*blood supply*
plexus uterovaginalis, demonstration of venous valves (Ger) 55633

*calculi*
with bladder exstrophy, surg. followed by pregn., case report (Ger) 55746

*diseases*
*see also* LEUKORRHEA
classif. & ther. 54285
hydrocolpos in newborn, classif. & case reports (Fr) 2305
listeriosis in pregn., transm. to fetus (Por) 16147
moniliasis, incidence, clin. features & ther. (Ger) 21622
moniliasis, incidence in S. Florida & comparison with northern states 7634
moniliasis with Trichomonas vaginitis, case report (Fr) 44637
nonspecific bact. infect., ther., live Bacillus vaginae-apathogenic live yeast-cod liver oil-stilbene prep. (Ger) 18942
postop. descensus or prolapse after hysterectomy (Ger) 55389

*effect of drugs on*
acetylcholine & histamine, cytol. (Sp) 22266
methallenestril on postmenopausal epithelium 26146
progestational agents on epithelium in ovariectomized women, comparison 13201

*embryology*
histochem. of fetal vaginal epithelium 50299
histogenesis in mole-like desman (Fr) 38704

*fistula*
*see also* FISTULA, VESICOVAGINAL
congen. rectovaginal, with coprolith (Ger) 11443
rectovaginal caused by late radionecrosis, colpectomy, case reports (Fr) 28685
rectovaginal, surg. closure, case reports (Hun) 8345
rectovaginal. surg., results (Ger) 11435
rectovaginal, ther., cortisone 26375
ureterovaginal, surg. & statist. (Ger) 55749
vesicovaginorectal, giant, case report 8015

*foreign bodies*
45806
in child., sympt. & management 41274
live leech removal from vagina of young girl (It) 42697

*hemorrhage*
postop. in total hysterectomy 43308

*innervation*
microscopy of nerves 20060

*metabolism*
mucosa, histochem. (Ger) 55455
sulfomucopolysaccharides, radioautographic & histochem. studies in rabbits after radiosulfur admin. 11909

*microbiology*
bact. study before delivery of child, comparison with bact. in pharynx of newborn 24837
fungi in vagina co-existing with Trichomonas vaginalis (Pol) 33746

*neoplasms*
38606
choriocarcinoma, case report (Sp) 44537
diag. by rapid method using fluorescence microscopy 14738
endometriosis, case report (Sp) 21134
epidermoid carcinoma in situ following hysterectomy for epidermoid carcinoma in situ of cervix, case report 13393
epithelioma of vagina & uterus, case report (Fr) 15173
Grawitz tumor, metastatic from kidney (Dut) 30015
keloid, perineo-vaginal, case reports (It) 29824
leiomyoma (It) 6854
leiomyosarcoma, case report 7606
metastatic from endometrium (Sp) 32400
metastatic from hypernephroma (Ger) 33953
sarcoma botryoides 48543

*pathology*
in exper. vitamin A defic. (Rus) 25763
in exper. vitamin A defic., eff. of β-carotene & cortisone on vaginal epithelium in rats 30783

*physiology*
Chappas vaginal test in determ. of puberty & prepuberty (Fr) 15165
contractions inducing reflex ventral press activity (Ger) 27847
during lactation, cytol. (Ger) 11462
eff. of asiatic acid glycoside on keratinization after castration in rats (Fr) 48874
epithelial cornification during menstrual cycle, relation to urinary excretion of ovarian hormone metabolites 50530
mucosal changes during menstrual cycle, luminescent microscopy (Rus) 46820
pH determ. in rat (Ger) 23226
secretion in pregn., cytol. (Rus) 46810

*rupture*
apex, caused by trauma after abdom. hysterectomy 24498

*surgery*
artif. vagina from sigmoid colon, anat. basis (Rus) 12168
Bhonsale technic for creation of artif. vagina, case report (It) 36616
full-thickness anterior colporrhaphy in stress incontinence 24494
plastic, correction of vaginal septa with Z-plastic 20387
position, technic (Cs) 38277
posterior colpotomy, diag. value in pelvic dis. 10462
reconstruction after Wertheim operation 20396
reconstruction with reversed seromusc. grafts in dogs 24495
vaginotomy, in labor, technic (Sp) 2932

*wounds and injuries*
burns & bleeding in third trimester of pregn. caused by potassium permanganate 10005
during labor, prev. & management 38587
potassium permanganate & other corrosive vaginal douches, hazards of use before & during pregn. 7633
vaginorectal, caused by blunt instrument (Dut) 19740

VAGINAL SMEARS
cervical & vaginal cytol. during lactation in Indian women 49478
cervical secretion crystallization test (Ger) 6625
cervical smear with fern test in determ. of ovulation & pregn. 41079
colpocytol. in diag. of endocrine dis., review 43293
comparison of cervical smears with nasal smears 49498
cornification index in cancer follow-up patients, cytol. test for cancer cure 55072
deoxyribonucleic acid content, determ. by histophotometry (Fr) 24145
determ. of estrogen content & ovarian funct. (Rus) 45220
eff. of vitamin E defic., in guinea pigs 23825
fixation technic (Rus) 53467
histophotometric determ. of nuclear deoxyribonucleic acid in smears, value as auxiliary method to Papanicolaou's cytodiag. (Fr) 31897
in control of actinic castration for breast cancer (It) 44834
in evaluation of hormonal funct. of ovaries 24130
in sex chromatin determ., comparison with blood smears (Sp) 7590
of newborn inf. as reflection of maternal status (It) 54254
Papanicolaou smear, technics with cocktail pick 3936
Papanicolaou staining, relation to histochem. properties of cells (Ger) 24144
predictive value of positive smears 22732
radiation reaction after radiother. of cancer of cervix, progn. value 46717
results of cervical & vaginal smear exam., hosp. statist. 39925
staining of cancer cells by methyl green-pyronine (Fr) 27710
staining of epithelial cells by modified Papanicolaou methods (Hun) 41641
staining, value & eff. of various nuclear stains (Fr) 24150
test of spontaneous or induced androgenic funct. in women (Fr) 31895

*in pregnancy*
cytol. exam. for determ. of term (Hun) 43433
determ. of closeness of labor (It) 54252
diag. & progn. value of colpocytol. exam. in threatened abortion (Hun) 51426
in prolonged pregn., diag. value & limitations (It) 54250
in prolonged pregn., value in diag. of aging & pathol. cond. of placenta (Fr) 26223

VAGINITIS
fungal, clin. manifest. & ther. (Fr) 44684
infect. pustular vulvovaginalis of cattle, review 15243

*case reports*
empyesmatous 22077

*diagnosis*
pH determ. & vaginal smears in puberty (Fr) 15164

*etiology and pathogenesis*
Hemophilus vaginalis, ther., triple sulfonamides 35757
typhoid fever causing vulvovaginitis, case reports 28986

*in pregnancy*
micrococcal, causing postpartum compl. & micrococcal infect. in newborn inf. (Fr) 44643

*microbiology*
Hemophilus vaginalis in nonspecific vaginitis (Ger) 34474

*therapy*
54439
(Ger) 51859
allantoin-bismuth glycolylarsanilate-lauroyl sodium sulfonate-sulfathiazole prep. (Sp) 44580
chlorquinaldol (Dut) 43022
colpan (Ger) 42308
42944
combined ther. of nongonorrheal vulvovaginitis, remote results (Rus) 55205
estrogen-antibact. suppositories in atrophic vulvovaginitis 3775
furazolidone & anti 5-nitro-2-furaldoxime prep. in monilial vaginitis 17669
furazolidone- anti-5-nitro-2-furaldoxime prep. in vulvovaginitis 35759
prednisone, admin., topical (It) 9421

VAGINITIS, TRICHOMONAS
(Fr) 3708
9039
clin. manifest. & ther. (Fr) 44684
diag. & ther. (It) 44831
in child. & virgins (Pol) 33676
incidence & parasitol. aspects (It) 44835
recur. caused by Trichomonas vaginalis localization in ureter & kidney pelvis (Sp) 20048
review (Ger) 18962
vaginal changes 654

*case reports*
suburethral canal in male 17422

*complications*
leukorrhea, ther., chlorquinaldol (Dut) 43023
urethral involvement (Ger) 3743
vaginal moniliasis, case report (Fr) 44637

*diagnosis*
cytol. smear technic, modified staining method 54511

new staining technic (Por) 53856
trypticase culture medium 46995
vaginal culture 46996

***epidemiology***

43306
in Poland (Pol) 33743

***microbiology***

assoc. of Trichomonas vaginalis with Döderlein's filiform bacillus & Monilia species (Por) 8732
fungi in vagina co-existing with Trichomonas (Pol) 33746

***physiology***

quantitative microbiol. changes during various stages of menstrual cycle (Pol) 33745
vaginal pH, battery & electronic readings 35756

***prevention and control***

conjugal (Rus) 9898

***statistics***

in male & female 14062
in prostitutes & virgins (Ger) 3742

***therapy***

(Fr) 3139
3140
(Sp) 223
4068
2-acetylamino-5-nitrothiazole (Fr) 3136
2-acetylamino-5-nitrothiazole (Ger) 15330
2-acetylamino-5-nitrothiazole (Pol) 33747
cetyl pyridinium bromide bath using solutions of high concentration (Hun) 53024
chemother. (Ger) 34472
Chinese plant germicides & medicinal herbs 38404
diiodohydroxyquinoline with other drugs 38348
dioctyl sodium sulfosuccinate-sodathamil sodium-polyoxyethylene nonylphenol prep. 655
furazolidone & anti 5-nitro-2-furaldoxime prep. 17669
furazolidone & nitrofurantoin (Fr) 3137
furazolidone-anti-5-nitro-2-furaldoxime prep. 2516
hexetidine 6990
nystatin with tetracycline (Por) 47296
oxytetracycline with hydrocortisone, admin., local (Fr) 30759
phenyl-mercuric dinaphthylmethane disulfone 20590
ultrasonics, indic. & contra-indic. (Fr) 3138

## VAGOTOMY

***complications***

postop. dysphagia 51138

***effects***

bilateral, on internal organs of rabbits (Rus) 33279
eff. on electrical activity of internal intercostal musc. in guinea pigs (It) 1889
eff. on gastric secretion in pylorus-ligated rats 3691
fatal pulm. edema, influence of analgesics & anesthetics on survival time of rats 24821
on diuresis following plasma volume expansion in dogs 48449
on pulm. circ. in dogs 48731
on pulm. ventilation & mechanics in dogs 16809
on stomach contractions (Rus) 49553
subdiaphragmatic, on bile duct pressure in rabbits (Pol) 30383

***in various diseases***

hemorrhagic peptic ulcer, with drainage, statist. 5247
hypertrophic pulm. osteoarthropathy with bronchial carcinoma 6130
peptic ulcer, bilateral vagotomy with hemigastrectomy terminated by gastroduodenal anastomosis, technic (Fr) 1461
peptic ulcer of jejunum, with resection (Ger) 45945
peptic ulcer, postop. (Dut) 19731

## VALERIAN

pharmacol. of root (Ger) 7980

***effects***

sedative eff. (Ger) 7981

***therapeutic use***

Valeriana officinalis-Ammi visnaga-Cactus grandiflorus-Crataegus oxycantha prep. in coronary dis. (Ger) 3303

## VALINE

availability to man from corn 5557

***effects***

reversal of E. coli inhib. by β,β-dimethyl cysteine 13830

***metabolism***

Aerobacter aerogenes, role in growth inhib. by aminopterin & reversal of inhib. action 25873
biosynthesis in E. coli with acetolactate intermediate, enzyme mechanisms 28259
microorganisms of bovine rumen in vitro 25407
Neurospora crassa, acetoin & 3-hydroxy-3-pentanone as probable precursors 40550
requirements of inf. 46537

***related compounds***

4-hydroxyvaline in plant Kalanchoe daigremontiana 29827A

***VALVOTOMY see*** COMMISSUROTOMY

***VALVULOPLASTY see*** COMMISSUROTOMY

## VANADIUM

***effects***

inhib. of phospholipid synthesis & sulfhydryl activity in rat liver 7216

***poisoning***

caused by inhalation of vanadium pentoxide dust during ore processing, case reports 52700
exper., protective eff. of disodium dihydroxybenzenedisulfonate 55004

## VANILLIC ACID

***in urine***

significance 52327

***related compounds***

2,6-divanillylidenecyclohexanone, ther. value as choleretic agent in liver dis. (Sp) 38529
3-ethoxy-4-hydroxybenzoic acid in human urine, eff. of stress 19665
nonylic acid vanillamide-β-butoxyethyl-nicotinic acid ointment as contact medium in ultrasonic ther. (It) 3727
nonylic acid vanillamide -β-butoxyethylnicotinate ointment in ther. of circ. disord. of amputation stump & backache (Ger) 52212
orthovanillin, pharmacodynamics & tox. (Fr) 26706

***VARICELLA see*** CHICKENPOX

## VARICOCELE

***surgery***

idiopathic, evaluation (Ger) 55595
method of suspension, technic (It) 3903
modified Branco Ribeiro method (Sp) 9714
technic (Sp) 8707

## VARICOSE VEINS

18743
dermatol. aspects (Nor) 10378
etiol., physiopathol. & compl. (Sp) 8205
etiopathogen. & clin. features, review (Ger) 3994
manifest. & ther. (Ger) 46137
saphenous & tributaries of superficial femoral vein passing into Hunter's canal, diag. & surg. anat. 53229

***blood in***

protein levels (Fr) 54125

***complications***

Milian's white atrophy (Ger) 3991
portal vein thrombosis, clin., anat. & etiol. findings (Ger) 35569

***diagnosis***

abnorm. deep veins, diag. by funct. popliteal phlebography 33013
capillaroscopy (Rus) 33218
radiolodine venous backflow test (Ger) 33705

***etiology and pathogenesis***

insuff. of internal saphenous communications (Sp) 43853

***in pregnancy***

(Ger) 15304
ther. (Sp) 39618

***statistics***

in agricultural workers in Russia (Rus) 22533

***surgery***

(Fr) 19345
(Ger) 15303
(Sp) 29355
injection & surg., results (Rus) 18256
new vein extractor (Sp) 31026
of varicose tributaries of superficial femoral & popliteal veins 31261
recur., indic. & technics 14649
stripping technics 3664
surg. importance of variations of femoral artery branches (Sp) 35994

***therapy***

***see also*** SCLEROSING SOLUTIONS
(Dan) 45533
(Ger) 3237
Aesculus hippocastanum extract with synergists (Ger) 4037
method (Fr) 2426
review (Ger) 16088

***ulcers***

(Dan) 10599
ambulant ther. (Ger) 15282
bone lesions associated with varicose leg ulcers, etiol. (It) 6810
etiol. & pathogen. (Dut) 47918
postphlebitic, one-or two stage surg., comparisons 13010
surg. (Ger) 6695
ther., compression with rubber pads & admin. of sclerosing solutions (Hun) 30287
ther., free skin grafts combined with vasodilator inject. (It) 42555
ther., med. & surg. in GP 51604
ther., Popov's ointment (Bul) 32742
ther., somatotropin (Pol) 30728
ther., Unna's paste boot, technic 24720

## VAS DEFERENS

mechanical eff. on transport of barium sulfate through rat epididymis 10054

***abnormalities***

agenesis causing male sterility (Fr) 33448

***diseases***

obstruct. causing sterility, diag. by insufflation of vas deferens & vesiculography, case report (Sp) 30241

***physiology***

proximal dilat. after ligation, reversibility after anastomosis of segments 33118

***surgery***

crushing using Burdizzo clamp 5924
exper. anastomosis in dog, technic & results 33117
vasectomy, medicolegal aspects (Nor) 10382
vasectomy, perils & pitfalls 35880

## VASCULAR DISEASES, PERIPHERAL

***see also*** ARTERIOSCLEROSIS OBLITERANS

***see also*** INTERMITTENT CLAUDICATION

***see also*** RAYNAUD'S DISEASE

***see also*** THROMBOANGIITIS OBLITERANS

***see also*** VARICOSE VEINS
arterial & arteriocapillary synd. (Fr) 53392
arterial dis. (Pol) 30938
arterial dis. of hand (Fr) 40958
arterial occlusion (Sw) 22135
arterial occlusion, incidence (Ger) 55716
arteriographic diag. & surg. (Sp) 35992
arteriosclerosis, in patient of coronary dis., etiol. & pathol. (It) 20179
caused by acute massive thrombophlebitis (Ger) 46147
classif. & clin. manifest. (Pol) 30808
diag. & management 22907
diag. & surg., review 18682
diag. & ther. (Dut) 3756
embolism of peripheral arteries, anticoagulant ther. (Ger) 384
expert testimony in indust. claims (Ger) 23169
nodular vasc. dis. of legs, review (Sp) 339
ischemia, acute (Fr) 29203
obliterating, of lower limbs, funct., clin. & angiographical aspects, interrelationships (It) 43337
pathol. anat. & physiol. (Ger) 55715
postop. in gyn. surg., prev. & ther., review (It) 53688
postop. thrombosis of legs after gyn. surg., prev. (Fr) 15958
pseudo-obstruct. ischemic synd. of legs, with patent arteriovenous fistulae of sole of foot, surg. (It) 39671
rarity of venous pathol. of legs in African Negroes (Fr) 51439
relation to flatfoot (Pol) 30821
review 52646
self-induced stasis of leg, expert testimony (Ger) 15445
thrombosis, venous, with pulm. aneurysm 48186
trophic arteriopathy & intermittent claudication, surg., lumbar sympathectomy (Fr) 47341
venous insuff., chronic pathol., diag. & surg. (It) 39668
venous insuff. of leg, varicose veins & varicose ulcer, pathogen. & physiopathol. (Sp) 8205

***blood in***

C-reactive proteins in aged (Ger) 22965
coagulation in chronic obliterating arteriopathy (It) 3877
glutamic oxalacetic & glutamic pyruvic transaminases in venous blood in obliterative vasc. dis. (Pol) 30815
glycoproteins in chronic obliterating arterial dis. of leg (Sp) 12998
lactic acid, eff. of lumbar & aplanchnic sympathectomy (It) 27624
lipids, venous, in obliterative dis. (Pol) 30812
30813
lipoproteins & glycoproteins in chronic obliterative arterial dis. of leg, electrophoresis (Fr) 977
lipoproteins, eff. of small quantity of heparin, electrophoresis (It) 6864
oxygen in obliterative dis. (Pol) 30811
proteases, venous, in obliterative dis. (Pol) 30814
proteins, electrophoretic patterns in obstruct. arteriopathy (It) 54214
protein levels (Fr) 54135
pyruvic acid local level, eff. of hyperemizing surg. (It) 3898
total & esterified cholesterol, phospholipids & sugar (Pol) 30816

***case reports***

ischemia of lower extremities caused by ergotamine tartrate ther. of migraine (Fr) 2474
necrosing angiitis with bone involvement, pathol. (It) 1485
necrotizing vasculitis with thromboses & rheum. arthritis, pathol. 52641
Pratt's synd. (Por) 36894

***complications***

arterial obliterative, causing sciatica (Fr) 19776
arteriovenous fistulae in chronic venous insuff., histopathol. study (It) 42495
arteriovenous fistulae in insuff. in feet, histopathol. of valves in venules draining fistulae (It) 42496
circ. disord. in diabetes mellitus causing chronic infect. of foot (Ger) 11393
coronary dis. & cerebral thrombosis, case reports (It) 3862
infect. in arterial occlusive dis., ther., histamine & antibiotics, intraarterial admin. 24358
neurovasc. changes in fingers, with acrodermatitis (It) 29592
trophic ulcers of extremities, ther. (Fr) 31100

***diagnosis***

angiography, diag. & ther. val. (Pol) 30826
arterial circ. disord. 51617
bilateral oscillography (Ger) 49068



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

cutaneous fluorescence of injected fluorescein after effort tests (Fr) 43959
electromyography (Pol) 30834
incompetent communicating veins of leg, tilt phlebography 35453
ischemia test with oscillographic control in arterial dis. (It) 1512
methods (Ger) 38985
oscillometry (Ger) 49043
oscillometry (Rus) 45884
phlebography in dis. of leg (Cz) 9431
phlebography in venous obstruction synd. of arm (It) 6798
photoplethysmography (Pol) 30828
serial arteriography & phlebography (Pol) 30827
serial arteriography in circ. disord. (Ger) 49039
skin temperature determ. (Ger) 25298
small vessel disord., cardiac catheterization (Ger) 11161
venous disord. of extremities & pelvis, phlebography, value (Ger) 15842
venous pressure & phlebography, diag. & ther. value (Pol) 30836

***differential diagnosis***

acropathia ulcero-mutilans simulating leprosy (Fr) 35505

***etiology and pathogenesis***

arterial obstruct. caused by peripheral emboli & thromboses, surg. (Sp) 2930
circ. disord. caused by chronic liver dis. (Dut) 49604
diabetes mellitus 19825
diabetes mellitus (Pol) 30855
diabetes mellitus, prev. by sympathectomy (Ger) 26162
diabetes mellitus, review (Por) 39992
diabetes mellitus, statist. (Sp) 13549
diabetes mellitus, survey of cases 3356
dilatation of plantar arteriovenous communications as cause of vasc. damage to contiguous areas 11812
leg fract., venous pathol. (Ger) 46000
overeating causing vasc. degen. 40250
polio., arteriography (Ger) 15843
post-phlebitic chronic venous insuff. 50805
post-traum. arterial inj. & gangrene in leg fract., surg. 24789
Q fever, fatal case with arteriolar thromboses & extensive gangrene (Fr) 53414
smoking, prev. (Ger) 15329

***experimental***

arterial embolism in dogs 13702
endangiitis in rabbits, eff. of ergot alkaloids (Ger) 33971
prod. of magnetically controlled vasc. obstruct. 50720

***in aged***

circ. disord. ther., N-butylnorsynephrine (Ger) 51235
prev. & ther., symposium 40337
ther., blood protein-α-heparin-histone prep. (Ger) 11215

***in infant and child***

ischemia causing dry gangrene of fingers in 14-month-old inf. with possible myocarditis of viral or toxoplasmic origin (Fr) 25501

***manifestations***

cutaneous & musc. arteriolar changes, histopathol. (It) 39689
eye fundus in chronic peripheral vasc. dis. (Pol) 28851
morphol. changes of vessels in senile arteriopathies of leg (It) 16032
pain, vasc. causes 29280
photoplethysmographic findings in acrocyanosis & various acropathies of cyanotic basis (It) 25554
skin temperature (Sp) 53345

***pathology***

cutaneous necrotising angiitis 51019
pathol. & arteriographic studies of amputated extremities 54654
sympath. ganglia changes, histopathol. (It) 39690

***physiology***

acute ischemia of leg & foot, relation to popliteal aneurysm (Sp) 25938
arterial occlusion, significance of intraarterial oxygen inject. for musc. circ. (Ger) 49079
ballistocardiography after intra-arterial oxygen inject. (Pol) 30832
blood circ. in extremities, evaluation by dye inject. (Rus) 45867
continuous arterial bruit as index of adequate collateral blood supply in arterial occlusion 43134
coverage of collateral circ. in rheum. arthritis & other dis. of extremities (Pol) 30853
digital pulse, method of registration 54678
eff. of cobalt salts on heart action, ECG study (It) 36744
orthostatic circ. disord., significance of orthostasis ECG (Ger) 22970
peripheral circ., determ. by rheograms (Ger) 46006
physiopathol. of arterial occlusion (Sp) 8217

***surgery***

adrenalectomy, statist. (Pol) 30849
arterial dis., review (Pol) 30810
arterial embolism (Heb) 49831
arterial grafts & sympathectomy in pregangrene in severely ischemic lower extremities 16967
arterial insuff. (Nor) 10364
arterial occlusion of legs, indic. & technics 37955
arterial occlusion, vasc. grafts (Dan) 18577
by-pass method in arterial obliterating dis. (Fr) 42433
42445
indic. & technics in obstruct. arterial dis. of legs (Ser) 35058
congen. arteriovenous aneurysms 13320
current methods 19965
indic., review (Fr) 33411
membranectomy of adductor canal with & without sympathectomy (Pol) 30850
nylon graft of femoral artery, clin. & arteriographic study followed by later postmortem studies (Fr) 53369
post-traum. arterial dis. (Fr) 51365
reconstruction of arterial flow in occlusive arterial dis., grafting technics 8479
sympathectomy (Ger) 29020
sympathectomy in occlusive arterial dis., review 11796
sympathectomy, postop. reactions of autonomic NS (Ger) 35260

***therapy***

acenocoumarol in arterial dis. 25844
acetylcholine in arterial dis., intra-arterial admin. (It) 48751
acetylcholine, intraarterial admin. in prolonged ambulant ther. (Ger) 15356
5-allyl-5-(β-hydroxy-δ-iodopropyl)-barbituric acid & 5-allyl-5-(β-hydroxypropyl)-barbituric acid in neurol. disord. of peripheral vessels (Pol) 30843
anticoagulants (Fr) 15957
anticoagulants in prev. of arterial thrombosis in chronic obliterative vasc. dis. 25842
arterial insuff. of legs, ther., hexaisonicotinoyl-cyclohexane (Sw) 45345
arterial, med. ther. (It) 26630
arterial, review (Ger) 42354
azapetine (Ger) 6702
43815
azapetine (It) 39523
azapetine, methods used to evaluate drug 35899
baralgin in chronic obliterating arteriopathy (It) 51982
chlorpromazine, reserpine & tetraethylammonium (Pol) 30842
crenother., fluoroscopic indic. in obliterative arterial dis. (Fr) 44990
cyclospasmol, in arteriopathy (Sp) 9701
drainaven in venous insuff. (Ger) 51852
drug ther. (Pol) 30809
30838
30839
drug ther. of leg arterial dis. (Ger) 22971
ethylbiscoumacetate, in chronic arteriosclerotic obliterating arteriopathy (Sp) 8681
foot hyg. in impaired circ. disord. 50277
hydrogen peroxide, epicutaneous admin. (Ger) 34036
insulin, remote results (Pol) 30840
intra-arterial drug ther. as adjuvant of surg., evaluation (Rus) 43452
iontophoresis of histacon with kneipp steam ther. (Ger) 39949
lumbar sympathectomy in peripheral arterial insuff. of lower leg, late results 35996
lumbar sympathectomy with adrenal medullectomy in vasc. dis. of legs, postop. oscillometry (Ger) 11388
Martorell ulcer (Sp) 12997
multimetal aerosol prep. lanthasol in obliterating arterial dis. (It) 3726
oxygen, intra-arterial admin. (Pol) 30845
peripheral neurovasc. disord. in air hammer operators, ther., adiphenine (Rus) 33179
phenoxyisopropyl-nor-p-hydroxy-ephedrine in circ. disord. (Ger) 34539
placental extracts (Ger) 22962
plant extract drainaven in venous stasis in diabetics (Ger) 4053
postop. circ. disord., ther., phenylpyrrolidinopentane with vitamin B complex & vitamin C (Ger) 42361
postthrombotic leg disord., group train. & ther. (Sw) 45329
procaine block, statist. (Pol) 30851
pyrexal in thrombo-embolic disord. 36036
reserpine & phentolamine, in obliterating arteriopathy, eff. on circ. (It) 9306
review 20569
sex hormones (Dan) 10813
stanoline & other drugs, intra-arterial inject. (Pol) 30844
typhoid vaccine (Pol) 30856
vasomotor drugs, comparative evaluation (Ger) 46793
vasomotor drugs in vasc. occlusion of legs 18057
venous insuff., postphlebitis synd., edema & varicose veins, elastic support with nonrubberized nylon stockings, indic. 47787
vitamin B12, admin. in high doses (Ger) 42922
vitamin E, determ. of eff. with neomyography & myotonometry (Ger) 11221
warfarin sodium causing urticaria 35646

**VASOMOTOR DRUGS**

*see also* KALLIKREIN
*see also* KHELLIN
*see also* NITRITES
*see also* PARASYMPATHOMIMETICS
*see also* SEROTONIN
*see also* SYMPATHOMIMETICS

chromone-hydroxyacetic acid esters & flavone-hydroxyacetic acid esters, synthesis & coronary dilating action (It) 3546
form. of substance with circ. depressor activity in blood (Ger) 13634
pastinacin, isolation from Pastinaca sativa & vasotonic & spasmolytic properties (Rus) 49432
vasoconstrictor factors elaborated by erythrocytes, neutralization by passage through lungs (Fr) 3122

***effects***

determ. by measurement of temperature changes (Pol) 24065
diethylaminocurethane on cerebral blood vessels, determ. by funct. angiography (Ger) 11035
1-(p-hydroxyphenyl)-2-(methyl-2-phenoxy-ethylamino)propanol, tests of vasodilative activity in rabbits & rats (It) 37519
on body temperature & resp. in guinea pigs, comparison (Fr) 48883
on peripheral circ. in normal persons & peripheral vasc. dis., comparative study (Ger) 46793
on peripheral nerve regen. (Rus) 46322
pressor & depressor drugs, on intramedullary bone-marrow pressure, mechanism of action 16978
(4-ter-butyl-2,6-dimethyl)benzyl-2-imidazoline, on air permeability of nares (Ger) 3950
vasodilating agents, on vasc. reactivity, in guinea pigs, eff. of chronic sympathetic enervation (Fr) 26667
vasodilators on coronary blood flow after acute obstruct. of coronary arteries in dogs (Ger) 55538
xanthine dilat. on coronary vessels (Fr) 3464

***in blood***

eff. of x-irradiation on level of natural substances in dogs (It) 36753

***injurious effects***

vasoconstrictors, in local & regional anesth., causing fatal reactions (Ger) 23030
vasodilators causing hypotension, case report 30159

***therapeutic use***

p-aminobenzoic acid-benzyl benzoate-camphor-nicotinic acid-phenobarbital-salicylamide prep. in thoracic pain (Ger) 16105
Cactus grandiflorus-Crataegus oxycantha-Ammi visnaga-Valeriana officinalis prep. in coronary dis. (Ger) 3303
commonly used vasodilator drugs in arterial dis., clin.& laboratory comparison 12825
kutapressin in acute benign prostate hypertrophy 14067
phenylisobutyl-nor-p-hydroxy-ephedrine in circ. disord. of labyrinth 13000
vasc. occlusion of legs 18057
vasodilating drugs in coronary insuff. (Por) 36892
vasodilators in high myopia (Fr) 14507
veritol in venous hypertension in congestive heart failure (Sp) 20630
Wolff-Parkinson-White synd., eff. on abnorm. repolarization, review (It) 49575

**VASOPRESSIN**

(Fr) 43816
in hypophysis of rat fetus at end of pregn. (Fr) 26910
natural & synthetic arginine vasopressin, in vitro stability 15630
nature of vasopressin from human pituitary 20722
test of renal funct. in child (It) 42790

***antagonists***

inhib. by sera from normal pregn. & pre-eclamptic women (Por) 16144
iproniazid inhib. of coronary constrictor eff. in rats (It) 42676

***determination***

bioassay of mammalian vasopressin on toads, method 49280
chromatography of small amounts, technic 19690

***effects***

arginine vasopressin & lysine vasopressin, antidiuretic potency in pig 15621
arginine vasopressin & lysine vasopressin, comparative antidiuretic response of rat after intravenous admin. 15622
comparative anti-diuretic potency of beef & hog vasopressin 35120
induction of different urine flow rates & influence on solute excretion 11967
induction of urinary corticoid excretion in guinea pigs, influence of morphine 12507
on arteries in vitro, eff. of low temperature 5772
on body fluid balance in pituitary insuff., with cortisone (Ger) 41758
on carbonic anhydrase inhib. in human volunteers (Ger) 49131
on diuresis induced by N-p-chlorophenyl-2,4-diamino-s-triazine (Ger) 6085
on electrolyte excretion in dogs 5778
on histamine-induced peptic ulcer in dogs 2549
on kidney weight in hypophysectomized rats 49275
on water balance during & after metamorphosis of toad (Fr) 5762
role in kidney mechanism for concentration of urine 5265
thirst-suppressing eff. in diabetes insipidus 35134
vasomotor sensitivity in frogs (Rus) 3570

*in blood*
- in dehydrated dogs (Rus) 29170
- in newborn (Cz) 38254

*in urine*
- determ. in differentiation of various types of polyuria (Fr) 13439
- eff. of chloralose admin. on excretion in dogs (Fr) 38745

*injurious effects*
- myotonia in ther. of diabetes insipidus with anterior pituitary gland insuff. (Ger) 49283
- spontaneous edema (Ger) 38884

*physiology*
- diuretic mechanism in diabetes insipidus (Ger) 46098
- eff. of electric stimulation of diencephalon on secretion, diuresis & urinary sodium excretion in rats (Ger) 29895
- mechanism of antidiuretic action, role of hyaluronidase in reabsorp. of water in kidney tubules 19687
- osmotic regulation of body fluid balance (Ger) 35579, 39066
- physiol. & physiopathol., review (It) 26622
- relation of increased vasopressin activity to water-retaining states in various dis. 11827

*related compounds*
- synthesis of vasopressin analog with replacement of lysine or arginine by histidine 47733
- synthetic cpd. containing vasopressin side chain & oxytocin ring, prep. & properties 40490

*therapeutic use*
- diabetes insipidus (Nor) 54973
- enuresis, admin. as posterior pituitary snuff in child. 38014
- increased insensible water loss in various skin dis., antidiuretic mechanism of action (Sp) 8688

*VATER'S AMPULLA see* BILE DUCT, COMMON

VECTORCARDIOGRAPHY
- comparison with electrocardiography in normal subjects (Sp) 8910
- comprehensive mapping of spatial data 453
- develop. & indic., review (Ger) 55547
- eff. of hypothermia (Ger) 29481
- electro-vectorcardiography, technic & diag. value 35648
- in healthy subjects (Rus) 18300
- measurement of electrical activity of heart during artif. hibernation in dogs (It) 44323
- method (Fr) 23644
- new lead method (Ger) 55546
- new technic (Ger) 26501
- normal spatial QRS-T angle of orthogonal vectorcardiogram 463
- of right ventric. increases of systolic overload type (Sp) 25670
- principles, hist. & diag. value (Por) 53198
- principles of spatial vectorcardiography 17647
- principles, vectorial theory & interpretation of electrocardiograms (Rus) 6581
- spatial, clin. uses (Ger) 32260
- spatial, eff. of positive, negative & transverse acceleration 23361
- spatial vectorcardiogram measurements during positive acceleration in man 16867
- spatial, vertical, transverse & anteroposterior (Fr) 26185
- technic for registration & analysis (Rus) 18299

*in various diseases*
- auric. infarcts, small & large (Ger) 1315
- bundle branch block, differentiation of various types (Pol) 8086
- cube vectorcardiogram in various degrees of right bundle branch block 24340
- left ventric. hypertrophy, T-QRS loop 454
- myocardial infarct, correlation with ECG & postmortem pathol. 2884
- myocardial infarct, Donseiot technic (Sp) 53964
- myocardial infarct of dorsal surface of left ventricle (Sp) 43928
- myocardial infarct of posterior wall (Ger) 13355
- myocardial infarct, review 53570
- patent ductus arteriosus & ventric. septal defects, review (Sp) 38837
- right ventric. hypertrophy 2893
- right ventric. hypertrophy in congen. heart dis., correlation with ECG (Sp) 31820
- Wolff-Parkinson-White synd. 46700

VEGETABLES
- *see also* BEANS
- *see also* CORN
- *see also* PEAS
- *see also* POTATOES
- *see also* TOMATOES
- Allium root tips, eff. of HCl hydrolysis in Feulgen staining technic on deoxyribonucleic acid content 40581
- amino acid content (Rus) 22680
- artichoke, isolation & pharmacol. of 1, 4-dicaffeylquinic acid 36560
- cabbage extracts containing vitamin U, eff. on intestines (Ger) 39944
- cabbage juice, eff. on peptic ulcer of Mann-Williamson dogs 22046
- cabbage, oxidative conversion of amino acids, eff. of Botrytis cinerea (Rus) 1725
- carrot slice uptake & metab. of amino acids 13736, 13737
- celery infect. with yellow leafroll virus of peach causing phloem degen. 22592
- goitrogenic eff., possible role of thiocyanate content (Ger) 37905, 37906
- helminth egg determ. in vegetables (Pol) 33740
- microbiol. control of vegetable preserves (Sp) 29545
- nitrate content in inf. nutrition, value (Ger) 34118
- onion root tip cells, mitosis inhib. by N-carbamoylmaleamic acid 31392
- onion, structure & mode of form. of nucleolus in meristematic cells 40593
- populations & softening enzyme activity of filamentous fungi on flowers, ovaries & fruit of pickling cucumbers 25164
- possible health hazards of use of insecticides & pesticides in protection of vegetables, review 20011
- spinach, conversion of carbon-14 dioxide to starch glucose during photosynthesis 19704
- sugar beets, eff. of freezing temperatures (Fr) 3031
- vegetarians, dietary levels of fiber 24373

*therapeutic use*
- Allium cepa in hemophilia (Ger) 4061
- artichoke extract cinaroxyl in ther. of liver dis. (Sp) 48745
- cabbage, hist. note (Ger) 39943

VEHICLES
- eff. of pH on stability of tragacanth solutions 16894

*effects*
- on absorp. of procaine penicillin G suspensions after intramusc. admin. 4565
- on percutaneous absorp. of drugs, comparison of various types 5759
- on percutaneous absorp. of various substances, theory 2810
- on potency of estradiol benzoate in percutaneous admin. (Fr) 26952

VEILLONELLA
- improved medium for selective isolation from saliva 16889
- ninhydrin-positive amino acids in cell wall hydrolysates of Veillonella parvula & Veillonella alcalescens 50346

VEINS
- *see also* VENAE CAVAE

*anatomy and histology*
- lumbar, renal & associated parietal & visceral veins 10073
- valves of small veins, review (Ger) 33922
- venous-lymph anastomoses in cadavers (Rus) 51175

*effect of drugs on*
- arteriosci, acetylcholine, epinephrine & histamine on arteriovenous anastomoses, review (It) 46638
- sodium chloride on intima (Rus) 1763

*innervation*
- large veins of extremities in dogs & monkeys (Rus) 1761
- of arteriovenous anastomoses (Ger) 33921

*physiology*
- arteriovenous anastomoses, physiopathol. (It) 46639
- fibrinolytic activity in veins, response to various stimuli 15056
- regen. power of venous wall (Dut) 29944
- regulation of blood circ. 19282

*transplantation*
- autogenous, homologous & plastic grafts in dogs 46520
- autogenous venous grafts of aorta in dogs 22076

VEINS, AZYGOS

*abnormalities*
- with abnorm. of superior vena cava in case of hypoplasia with coarctation of descending thoracic aorta (Fr) 1469

*surgery*
- ligation of arch in esophageal varices (Fr) 42442

*VEINS, CORONARY see* CORONARY VESSELS

VEINS, CRANIAL SINUSES

*see also* SINUS THROMBOSIS

*aneurysm*
- post-traum. bilateral, with involvement of carotid arteries, case of late develop. (Fr) 35245

*fistula*
- arteriovenous, of cavernous sinus, posttraum. (Ger) 35589

*physiology*
- circ. (Rus) 49562

*radiography*
- sinography technic & application in dissections of neck 270

*wounds and injuries*
- of longitudinal sinus, with occlusion & thrombosis, case reports (Sp) 8214
- tentorial laceration in newborn, causes (Ger) 15441

VEINS, FEMORAL

*anatomy and histology*
- saphenо-femoral junction, surg. anat. (Sp) 39132

*diseases*
- iliofemoral thrombophlebitis in child., case reports (Cz) 38327

*physiology*
- carotid sinus control of femoral vein debit in dog (Fr) 36615
- permeability for serum proteins (Ger) 46103

VEINS, HEPATIC
- amino acid content of blood of suprahepatic veins, comparison with inferior vena cava blood (It) 47824

*anatomy and histology*
- connections with hepatic arteries (It) 37157
- subhepatic veins (Fr) 23561

*diseases*
- Chiari synd. (Ger) 11359
- Chiari synd. (Rus) 45123
- Chiari synd., case reports 23961
- Chiari synd., case reports (Ch) 38378
- Chiari synd. in pregn., differ. diag. from endophlebitis hepatica obliterans (Ger) 39534
- Chiari synd., review (Dut) 13689

*physiology*
- eff. of gradual complete occlusion of hepatic veins in dogs 30789

*stenosis*
- with thrombosis of inferior vena cava & left renal vein, pathol. (Por) 16142

VEINS, ILIAC

*diseases*
- iliofemoral thrombophlebitis in child., case reports (Cz) 38327

*perforation*
- by ruptured appendix causing severe hemorrh., case report (Ger) 23207

*surgery*
- ligation in congestive heart failure (Rus) 33157, 33236
- ligation in congestive heart failure, ECG (Rus) 33237
- ligation in congestive heart failure, postop. x-ray kymography & heart volume (Rus) 33238

VEINS, JUGULAR
- pulse, normal & pathol. characteristics (Sp) 15495

*diseases*
- acute thrombophlebitis, mechanism of septic emboli in (Fr) 1013
- occlusion of jugular system, venography of venous patterns 22007

*fistula*
- internal carotid-jugular fistula, surg., case report (Fr) 42449

*physiology*
- eff. of bilateral ligation on nucleus supraopticus & nucleus paraventricularis in rat (Ger) 33535

*radiography*
- visualization by intraorbital inject. of contrast medium (Fr) 54116

*surgery*
- puncture of internal jugular vein in child., technic (Fr) 43812
- surg. approach to bulb of jugular vein (Por) 31608

*VEINS, MESENTERIC see* VEINS, PORTAL SYSTEM

VEINS, POPLITEAL

*radiography*
- funct. phlebography in diag. of abnorm. deep veins in varicose veins 22013

*VEINS, PORTAL see* VEINS, PORTAL SYSTEM

VEINS, PORTAL SYSTEM

*see also* HYPERTENSION, PORTAL
- drainage procedure for prolonged blood letting & infusions in rabbits (Ger) 33982

*abnormalities*
- in Banti's dis., case report (Cz) 21554
- preduodenal site with other abnorm., case report (Sp) 21137

*anatomy and histology*
- microscopic structure, review (It) 37158

*diseases*
- endophlebitis due to pyrrolizidine alkaloid pois. (Ger) 55638
- mesenteric occlusion in dog, eff. of hypothermia before & after occlusion on survival 25041
- obstruct. causing hematemesis, case report (Fr) 30469
- occlusive & mural venous thrombosis in intrahepatic radicles of portal vein, organiz. & fate in rabbits 5677
- splenic thrombosis, causing spontaneous rupt. of spleen (Ger) 41705
- splenoportal obstruct., microsplenic type (It) 29633
- thrombophlebitis causing splenomegaly (Rus) 45171
- thrombosis, clin. picture (Rus) 54546
- thrombosis of splenic veins in Cruveilhier-Baumgarten synd. (Ger) 15467
- thrombosis of vena portae, acute histopathol., case reports (Hun) 28800
- thrombosis, splenoportal caused by peptic ulcer, diag. & surg. (Fr) 400
- thrombosis with varicose veins, clin., anat. & etiol. findings (Ger) 35569

*fistula*
- aortocaval fistula caused by arteriosclerotic aneurysm, translumbar abdom. aortography 8570
- hepatoportal arteriovenous (Fr) 42415
- portacaval anastomosis causing hepatic coma in alcoholic (Fr) 36121



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

portacaval anastomosis causing hepatic coma, neurol. manifest. (Fr) 36122

***microbiology***

bact. sterility in man, negation of theory of bact. factor in hepatic ischemia 25040

***physiology***

cardioportal circ. time, determ. with radio-iodinated serum albumin & external scintillation counting, technic 35677

circ. time, determ. by Cerol's method & diag. value (Pol) 38105

Eck's fistula with & without collateral portal circ. (Ger) 55467

eff. of acute elevation of portal venous pressure on mesenteric blood volume, interstitial fluid volume & hemodynamics 2920

eff. of arterenol on portal venous flow in acute hemorrh. in dog 2919

eff. of blood pressure changes on resp. (Rus) 49552

eff. of ligation on ECG in dogs (Sp) 15494

eff. of ligation on gastric neurovasc. structures, human cadaver studies (Rus) 48049

eff. of porto-caval pressure gradient on liver vascularization. in rats (It) 37156

eff. of sex hormones on autotranspl. of adrenal to portal system in male & female rat 39196

eff. of spleen on pressure (Dut) 29946

hemodynamics (It) 6816

pressure, eff. of high protein diets, review 20016

***surgery***

angiostomy in calf (Rus) 49572

double portacaval shunt for combined hepatic & portal decompression in cirrhotic ascites 30096

exper. ligation, eff. on gastric secretion responses in dogs with denervated gastric pouches 28621

exper. portacaval shunt by means of splenonephropexy in portal hypertension (It) 51981

ligation of portal vein, eff. on lethal dose of digitalin & lanatoside C in guinea pig (Fr) 26938

portacaval anastomosis, end-to-side technic, using Donetsky's rings in dogs (Rus) 3408

portacaval anastomosis, funct. testing with ammonium chloride loading test (Ger) 367

porto-caval anastomosis in liver cirrhosis (Fr) 39856

portacaval anastomosis in liver cirrhosis, eff. on liver hemodynamics 54760

portacaval anastomosis in portal cirrhosis (Sp) 25940

portacaval shunt for portal hypertension in liver cirrhosis (Ger) 39636

portacaval shunt in hemorrh. of esophageal varices in liver cirrhosis, review 1214

portacaval shunt in liver cirrhosis causing CNS sympt., ther., protein diet (Sw) 43237

portacaval shunt in liver cirrhosis, follow-up (Fr) 31111

portacaval shunt in portal hypertension 10076

portacaval shunts, splenoportography in planning (Heb) 39781

shunting of adrenal venous blood into portal circ., indic. & methods (It) 47808

## VEINS, PULMONARY

registration of arterial pulse by the pulm. veins (It) 49576

***abnormalities***

abnorm. venous openings (It) 36828

anomalous connections, surg. 1224

anomalous drain. from left lung to coronary sinus 33484

congen. stenosis of pulm. veins at atrial junction, case report 34331

drainage to right side of heart, surg. 41452

partial anomalous drainage, x-ray diag. 35456

partial transposition with drainage into right heart, case reports (Rum) 44003

right pulm. isomerism assoc. with splenic & other abnorm. 6113

texture disord. of walls with aortic stenosis in Turner synd. in genetically female subject (Ger) 13354

transposition, x-ray diag., case report (Rus) 29162

***diseases***

varicosis, x-ray diag. (Ger) 39378

***neoplasms***

gross intravenous extension of pulm. carcinoma, progn. significance 2944

***VEINS, RENAL*** *see* **KIDNEYS, *blood supply***

## VEINS, SAPHENOUS

phlebocly sis through internal saphenous vein using polyethylene tube (Sp) 31000

***anatomy and histology***

sapheno-femoral junction, surg. anat. (Sp) 39132

***aneurysm***

large saphenous vein simulating femoral hernia (Rus) 18259

***neoplasms***

leiomyoma of greater saphenous vein, preop. localization by phlebography, case report 25058

***surgery***

ligation of saphena magna, technic (Sp) 30998

surg. anat. of tributary branches of terminal portion of internal saphenous (It) 51976

***VEINS, SPLENIC*** *see* **VEINS, PORTAL SYSTEM**

## VEINS, SUBCLAVIAN

***anatomy and histology***

pathway (Fr) 4826

## VENAE CAVAE

amino acid content of blood from inferior vena cava, comparison with suprahepatic vein blood (It) 47824

caudalis, anat. & physiol. in cattle, sheep, horse, swine & dog (Ger) 34409

inferior vena cava filter of grid design for prev. of pulm. emboli 3453

***abnormalities***

persistence of left inferior vena cava next to normal inferior vena cava, cadaver study (Ger) 23576

undetected abnorm. of inferior vena cava causing postop. diversion of caval blood into left atrium after use in repair of auric. septal defect, surg. 54915

with abnorm. of left azygos in case of hypoplasia with coarctation of descending thoracic aorta (Fr) 1469

***diseases***

compression of superior vena cava by metastasis of breast cancer, x-ray diag. (Fr) 41398

distention simulating mediastinal tumors, case reports (Fr) 38359

inferior venae cavae, incomplete stenosis synd. of retrohepatic & diaphragmatic segment caused by perihepatitis, case report (Fr) 411

obstruct. of superior vena cava caused by syphilitic aneurismatic aortitis, case report (Sp) 15491

obstruct. of superior vena cava, surg., homograft 831

superior vena cava synd. (Fr & Ger) 970

thrombosis & postthrombotic synd. of inferior vena cava (Hun) 52912

thrombosis, case report (It) 29562

thrombosis of inferior in echinococcosis of liver (Bul) 32751

thrombosis of inferior vena cava & left renal vein with stenosis of openings of hepatic veins, pathol. (Por) 16142

thrombosis of inferior vena cava causing nephropathy with secondary hyperparathyroidism (It) 1511

***fistula***

portacaval anastomosis causing hepatic coma in alcoholic (Fr) 36121

portacaval anastomosis causing hepatic coma, neurol. manifest. (Fr) 36122

***physiology***

collateral venous circ. of venae cavae & allied venae (Por) 35962

Eck's fistula with & without collateral portal circ. (Ger) 55467

eff. of acute constriction of inferior vena cava on aldosterone secretion in dogs 40695

eff. of compression of inferior vena cava on ECG U wave in rabbits (Fr) 41937

eff. of elevation of inferior vena cava pressure on thoracic lymph & urine flow in dogs 48734

eff. of partial ligation of inferior vena cava on aldosterone secretion by adrenals in rabbits (It) 37435

eff. of porto-caval pressure gradient on liver vascularization, in rats (It) 37156

***radiography***

angiography in determ. of extent of involvement in lymphomas 50210

cineangiocardiography of dynamics of caval orifices 48704

***surgery***

approach by intrapericardiac route in open heart surg. (Por) 53864

double portacaval shunt for combined hepatic & portal decompression in cirrhotic ascites 30096

exper. ligation above azygos vein in dogs (Por) 44477

ligation of inferior vena cava with subsequent pregn. 26379

portacaval anastomosis, end-to-side technic, using Donetsky's rings in dogs (Rus) 3408

portacaval anastomosis, funct. testing with ammonium chloride loading test (Ger) 367

portacaval anastomosis in liver cirrhosis, eff. on liver hemodynamics 54760

portacaval anastomosis in portal cirrhosis (Sp) 25940

portacaval shunt causing peptic ulcer 13313

portacaval shunt for portal hypertension in liver cirrhosis (Ger) 39636

portacaval shunt in hemorrh. of esophageal varices in liver cirrhosis, review 1214

portacaval shunt in portal hypertension 10076

portacaval shunts, splenoportography in planning (Heb) 39781

porto-caval anastomosis in liver cirrhosis (Fr) 39856

superior vena caval replacement by exper. fresh aortic autograft 22058

***wounds and injuries***

penetrating wds. of superior vena cava, surg. 37658

through & through stab wound of superior, repair with survival 854

## VENEREAL DISEASES

***see also*** **GONORRHEA**

***see also*** **GRANULOMA INGUINALE**

***see also*** **LYMPHOGRANULOMA VENEREUM**

***see also*** **SOCIAL HYGIENE**

***see also*** **SYPHILIS**

in adolescents & young adults, sociomed. aspects (Dan) 25827

progr. in venereol. (Fr) 41115

review 18714

review (Fr) 39495

***epidemiology***

in Africa, incidence in nonvenereal treponematoses areas 38141

in prostitutes & promiscuous women in Taiwan 26393

***history***

terminol. & cures in 17th century England 28394

***prevention and control***

(Fr) 25399

in Albania (Rus) 22509

in Czech. & Russia, role of dermatovenerol. institutes (Rus) 55207

in E. Germany, new decree (Ger) 38889

in E. Germany, planned abolition of compulsory personal registration (Ger) 38890

in Ethiopia (Ger) 39810

in Japan, control by antibiotic admin. to prostitutes 26392

in New Mexico (Sp) 48093

in New York City, hist. 52676

in Russia (Rus) 45640

55208

in Russia, educ. programs (Rus) 33510

med. prev. & pub. health measures 26384

progr. 41049

***statistics***

eff. of current ther. on morbidity (Sp) 340

in France (Fr) 2419 8366 8368 8371 8373

in Japan 26387

in United Kingdom 14176

***therapy***

(Ger) 39065

antibiotics, immune sera & sulfonamides (Sp) 21249

hosp. ther. (Rus) 45642

oleandomycin (Ger) 9530

***transmission***

by homosexual practices among men 38044

by male homosexuals, analysis of statist. 23712

role of immorality (Fr) 31502

***VENOGRAPHY*** *see* **ANGIOGRAPHY**

## VENOMS

allergy to insect venom 17665

antibody prod. in rabbits immunized against rattlesnake venom, electrophoresis 23311

antivenin (crotalidae) polyvalent, allergy 48216

bradykinin, kallidin & kisin in wasp venom, chromatography 14136

Latrodectus tredecimguttatus venom, chem. composition (It) 53818

of So. Amer. snake Botrops jararaca, purification of active principle with thrombin-like action (Ger) 28805

reference prep. of snake venoms for antivenin assay 14470

sea snake venoms, physiochem. analysis (Fr) 48850

stingray venom, phys., chem. & biol. properties 42055

tiger snake venoms, separation & properties of neurotoxins 37053

toxin of scorpion Androctonus australis venom, purification (Fr) 13832

venom appar. of marine snail Conus 4806

***effects***

bee, wasp & hornet venoms causing unusual & sometimes fatal sensitivity reactions 53381

blood clotting activity of venom of viper Bothrops jararaca 52394

enzyme activity of cobra & rattlesnake venoms, relation to mechanism of action 13738

Latrodectus tredecimguttatus venom on CNS histol. in guinea pig (It) 32116

lyophilized Walterinnesia aegyptia venom, neurotonic eff. & mortal. in white mice (Heb) 3971

mitostatic eff., testing by action on germinating seeds (Sp) 21773

on interfaces (Ger) 33992

pressor eff. of venom of Latrodectus mactans in dogs, mechanism (Sp) 8989

protective eff. of bee & snake venoms containing phosphatidase A against bact. exotoxin in mice 29536

Russell's viper venom acceleration of prothrombin time, response to blood lipids 18437

spider Latrodectus mactans venom, hypertensive action mechanism (Fr) 26721

stonefish venom on blood pressure, resp. & heart of rabbits 54408

***therapeutic use***

bee venom in internal dis. (Rus) 28827

reptilase in control of hemorrh. in plastic surg., indic. & results (It) 42559

viper venom in postop. hemorrh. in teeth extraction 20135

## VENTILATION

air conditioning in hosp. 14580

air conditioning in operating rooms (Rus) 39585

air flow velocity meter for determining velocity into exhaust hood & duct opening, calibration method 46882

atmospheric environment between decks of warship 41425

hist. disasters caused by poor ventilation & present-day problems in ventilation for human occupancy 40124
in smith shops (Ser) 25725
indust. hyg. problems (Ger) 38915
of factories, meeting & theater rooms (Ger) 46213
reduction of air flow noises 46890

*VENTRICLES OF BRAIN see* CEREBRAL VENTRICLES

## VENTRICULAR FIBRILLATION

relation to abnorm. ECG pattern produced during hypothermia, clin. & exper. aspects 46871

*case reports*

paroxysmal pseudoventric. fibrill. 15541
perop., during surg. on 73-year-old man with seq. of myocardial infarct, resuscitation (Fr) 51384
transitory fibrill. with complete recovery (Sp) 44499

*physiology and pathogenesis*

digitalis pois., with ventric. tachycardia & Stokes-Adams seizures, ther., intravenous potassium 3919
disord. in ion movements 10508
electrical stimulation of heart, prev. (Fr) 23645
hypothermia in cardiac surg., factors in recovery of patient after prolonged fibrill. 18137

*experimental*

after acute coronary artery occlusion, eff. of anesthetization of A-V node in dogs 12554
defibrill. in dogs, technic & appar. (Fr) 12993
develop. patterns & reversal in dogs (Por) 16478
direct high tension transthoracic defibrill. in dogs (Fr) 12985
eff. of hypothermia on fibrillatory action of magnesium chloride & on defibrillatory action of tetraethylammonium chloride in dogs 32354
eff. of total heart extracts in cows & horses (It) 42694
eff. on potassium exchange in isolated dog heart 12565
in hypothermia in dogs, comparative eff. of anesthetics on incidence 40274
in hypothermia, prev. by pericardial space perfusion in dogs 144
in open heart surg., intracardial temperature determ. during defibrill. in dogs (Ger) 29050
incidence in hypothermia in dogs, eff. of artif. control of heart rate 12561
induced by hemorrh. & followed by clin. death, restoration of cardiac activity in dogs (Rus) 52978
physiol. in hypothermic dogs 37909
prev. in induced cardiac arrest in hypothermic dogs by intracoronary N-(2-diethylaminoethyl) iso-nicotinamide bethanechol chloride 12824
transmembrane electrical potentials 46866
with induced arterial occlusion, eff. of selected drugs & inorganic ions on fibrill. & survival in dogs 3371

*therapy*

sparteine in perop. ventric. fibrill. (Sp) 1552

## VENTRICULOGRAPHY

adjuvant heptaminol (Fr) 1005
after surg. of brain dis. & neoplasms (Ger) 45988
fractionated pneumoencephalography for activation of EEG (Fr) 54100
in inf., significance of subdural air 817
in localization of neurilemmoma in anterior pillar of cerebral fornix & anterior hypothalamus (Fr) 18016
iodoventriculography (Fr) 35409
iodoventriculography, diag. value (Fr) 35244
iodoventriculography, technic, indic. & normal images (Fr) 35243
normal pneumoencephalogram 51557
pneumocisternography of posterior fossa 23799
pneumoencephalography, projections & variants causing errors in interpretation (Ger) 44219
pneumoencephalography with direct inject. & positional directing of air 50952
position & technic for selective ventriculography of 3d ventricle & aqueduct of Sylvius, diag. value in brain cancer (Fr) 35411
significance of air shadow of cisterna magna in pneumoencephalography 31634
stereotaxic method of examination of subcortical structures (Fr) 18561
with contrast media, indic. & technics (Fr) 41915
with myelography of cervical spine, technic 35426
with small insufflation, diag. value compared with large insufflation (Hun) 16275

*effects*

headache after pneumoencephalography, ther., caffeine with ergotamine (Pol) 53142
pneumoencephalography on CSF spaces in epileptics (Cz) 38290

*in various diseases*

agenesis of septum pellucidum with arhinencephaly causing ment. defic., case reports 24457
angioma of brain 35407
cancer of pineal body, diag. value (Ger) 35406
convulsions in child. (Rus) 34796
epilepsy 24079
hydrocephalus, exterior-interior (Rus) 45202
manic-depressive psychoses (Fr) 36116
pneumoencephalography in cerebellar atrophy, diag. value (Ger) 25384
pneumoencephalography in cerebral non-space occupying lesions, transient positive findings (It) 42722
pneumoencephalography in diag. of infantile cerebral palsy (It) 29686
pneumoencephalography in differ. diag. of hypochondria due to brain atrophy from organic schizophrenia (Ger) 25382
schizophrenia in child. (Fr) 34143

## VERATRUM ALKALOIDS

*antagonists*

antiveratrinic action of erythrophleum alkaloids 51075

*effects*

mechanism of prod. of hypotension in dogs (Fr) 1048
protoveratrin A stimulation of stretch receptors on exper. cough in cats (Ger) 27834
veratramine, negative chronotropic eff. in dog heart depleted of catechol amines 17946
veratridine on blood pressure & resp. after infusion into CSF in cats & dogs (Ger) 30508
veratridine on mesentery, mechanism of reflex responses 17931
veratrine eff. on frog musc., antag. action of antihistaminics 40078
veratrine on skeletal musc. of normal & myasthenic subjects 43124
veratrine on toad sciatic nerve, influence of high hydrostatic pressure 50577

*therapeutic use*

hypertension in aged, ther. with fixed combination of protoveratrine, phenoxybenzamine & Rauwolfia 4442
hypoveral in hypertension (Rus) 32882
protoveratrine in hypertension, oral admin. 496
protoveratrine-phenoxybenzamine-Rauwolfia prep. in hypertension 4538
Veratrum album, total extract, in hypertension (Rum) 43992

*VERITOL see* VASOMOTOR DRUGS

*VERMIFUGES see* ANTHELMINTICS

## VERRUCA

*complications*

elephantiasis, traum., with epidermodysplasia verruciformis, diag., case report (Fr) 37857

*epidemiology*

plantar, in soldiers (Ger) 27112

*immunology*

inoculability in man, auto-inoculation (Fr) 37864

*surgery*

excis. & curettage in plantar verruca, indic. & technic 50271
indic. in plantar warts (Fr) 31066

*therapy*

acids in plantar verruca, capillary tube applicator technic 50273
dichloroacetic acid with salicylic acid 4581
evaluation of methods for common & for plantar verruca (Fr) 32918
hist. & current concepts 37965
liquid nitrogen (Dut) 43024
new ther. regimen in management of plantar verruca 13674
plantaris, cryother. with compressed carbon dioxide snow & surg. 40343
psychother. (Rus) 55211
radiother. in plantar verruca 45916
radiother. of plantar verruca, methods (Fr) 48958
sodium tetradecyl sulfate in plantar cases 16750
ultrasonics in plantar warts 47779
varicocid (Pol) 44187

*VERSENATE see* EDATHAMIL

*VERSION see* DELIVERY

*VERTEBRAE see* SPINE

## VERTIGO

diag. significance 21839
diag. significance (Ger) 22776
epidemic, etiol., clin. course, classif. & ther. 54876
height vertigo, otoneurol. aspects (Ger) 19319
true vertigo & pseudovertigo, otoneurol. aspects, review (It) 44355

*differential diagnosis*

43257
(Fr) 26967
(It) 53589
review 13292

*etiology and pathogenesis*

central vertigo 22277
food allergy, case reports (Sp) 9696
Meniere's dis., labyrinthitis, cerebellopontine tumors & insuff. of basilar artery, differ. diag. 43703
role of cholesterol & protein metab. disord. (Fr) 31992

*therapy*

vasomotor, papaverine with quinine, comparison with placebo (Ger) 18956

*VERTIGO, AURAL see* MÉNIÈRE'S DISEASE

## VESTIBULAR APPARATUS

*see also* LABYRINTH

*anatomy and histology*

tunica propria in humans & mammals, review (Ger) 35018
ultrastructure organiz. of vestibular sensory epithelia, review 15706

*diseases*

absence of vestibular response in pregn., with conductive deafness & facial nerve paralysis, case report 11741
after fenestration (Ger) 20532
causing anxiety, case reports 6132
causing Ménière's dis., etiol. objections (Sp) 19765
otovestibular funct. disord. in cervical arthrosis (It) 42756
prolapse, with normal hearing (Ger) 3952
unilateral funct. disord., role of Dandy's test (Ger) 36444
vestibular synd., comparison with cerebellar synd. (Fr) 44734
vestibular synd. preceding mumps (It) 25963
vestibulo-ocular reflex disord. of anterior nuclear paralysis type in supratentorial tumors 24068

*effect of drugs on*

ephedrine & reserpine on degree & characteristics of autonomic vestibular reflexes (Rus) 45720
neomycin glucuronate, inj. eff. (It) 52118

*function tests*

Barany's sympt., electrooculography, review 19788
Bárány's sympt., technic & differ. diag. value, review (Pol) 30333
caloric test, exhaustion of response to prolonged stimulation (It) 13500
cold caloric test, response to variation of duration of irrigation & lack of exhaustion reaction (It) 13499
galvanic nystagmography (Fr) 27028
rotary test with cinenystagmography 35339
simple quantitative caloric test 124
technics & interpretation (Fr) 23904
utricular funct. tests (Fr) 35316

*pathology*

cochleo-vestibular disord. in hypertelorism (Ger) 11261
in mercury pois. (Rus) 10760
postmortem changes in vestibular receptors in guinea pig 11723

*physiology*

chronaxy in diag. of pois. by ingestion of toxic substances (Fr) 9648
chronaxy index in carp (Fr) 3104
cochleovestibular sympt. of cervical synd. (Ger) 36442
eff. of galvanic current, clin. value (Sp) 8706
electronystagmographic relief of vestibular excitability threshold by differentiated rotatory stimulation (It) 2958
in nystagmus, eff. of acceleration (Ger) 36493
relation to cerebellum, review (Fr) 44721
research, advances & erroneous ideas in late 19th century (Ger) 23037
vestibular induced shock in carp passing from fresh water into salt water (Fr) 15063
vestibulogenic epileptic seizures 48134

## VETERANS

*see also* DISABILITY EVALUATION

excesses of Veterans Admin. welfare & med. programs 16652
MMPI scores of veterans with organic & psychiatric disord. 17169
pensions for delayed pulm. tuberc. contracted during military serv., in Italy (It) 19238
rehabil. & employment of handicapped in Switz. (Ger) 30967
rehabil. of war wounded, programs of various countries (Fr) 31913

*VETERINARY MEDICINE see* MEDICINE, VETERINARY

*VIADRIL see* ANESTHETICS

## VIBRATIONS

in machine compartments of modern ships (Fr) 54028
perception of vibrations, relation to hearing (Ger) 23026
reduced vibration & recoil in new riveting air hammers & holders, hyg. & technical aspects (Rus) 33329
sensitivity to vibrations in NS dis., diag. value, review (Por) 36906
train. of tactile-vibratory sensitivity in deafness (Rus) 10755
vibratory perception in lumbar disk protrusion, biothesiometry 19796

*effects*

behavioral eff. of whole body vibration on man 16861
general vibration on genital funct. of women in textile plants & exper. in rats (Rus) 33330
intense vibrations on monkeys, physiol., pathol. & behavioral eff. 23287
local high frequency vibrations on tonal state of peripheral blood vessels (Rus) 33331
severe whole body vibration on mice, methods of protection from vibration inj. 23349

*injurious effects*

elbow dis. caused by work with air pressure hammer (Heb) 49035
peripheral neurovasc. disord. in air hammer operators, ther., adiphenine (Rus) 33179

## VIBRIO

biochem. characteristics of Vibrio fetus & other related Vibrios isolated from animals 4722
fetus, survival in diluted semen at 29°C. 12764



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

lipopolysaccharide isolation from Vibrio fetus 53418
new pathogenic strain isolated from Japanese rainbow trout 4338

*effect of drugs on*
streptomycin on Vibrio fetus, sensitivity & emergence of resist. mutants 40843

*infections*
failure to produce by vulvar exposure in cattle 48976
fetus, diag., vaginal-mucus tube-agglut. test in cattle 48978
paracholera in Celebes 47273
persistence of genital Vibrio infect. in sheep after outbreak of vibrionic abortion 12745
Vibrio fetus septicemia, fatal outcome by aggravation of preexisting cardiopathy (Fr) 37937

VIBRIO COMMA

*see also* CHOLERA
antigenic structure 5194
detection in water, luminescence microscopic method (Rus) 55766
detection, rapid method with bacteriophage titer increase (Rus) 11495
genetic recombination 5086
receptor-destroying enzyme, inactivation of chorionic gonadotropins (Ger) 28951
receptor destroying enzyme, optimum cond. for action on erythrocytes & ovomucin 10398
receptor destroying enzyme, prod. & purification 10393
serol. relation to Brucella (Rus) 55842
survival in water 17424

*culture*
in isolated loops of guinea pig small intestine (Rus) 55831
selective medium for isolation in cholera diag. 23939

VINCENT'S INFECTION

*case reports*
with toxoplasmosis & eye infect. 10257

*physiology*
allergy to various foods in recur. Vincent's infect., intradermal food tests 4396
citric acid sensitivity in recur. cases 4395

*VINETHENE see* ETHERS

VINYL COMPOUNDS

*see also* POLYVINYLPYRROLIDONE
polyvinylacetate material for postmortem demonstration of bronchial arteries (Ger) 24913
polyvinyl acetate preserv. of sections or whole human organs, technic (Pol) 7772
polyvinyl chloride plastic tubes in hosp. installation (Dut) 55871
polyvinyl formalinized sponge as chest wall prosth. 5882
polyvinyl formalinized sponge in surg. closure of auric. septal defects in open heart surg. with hypothermia (Ger) 54940
polyvinyl formalinized sponge induction of granulation tissue form. in guinea pigs, analysis of tissue 31421
polyvinyl formalinized sponge with stainless steel as tracheal replacement 11786
polyvinyl in total bilateral ureteral substitution in dogs 54698
polyvinyl prosth. in inguinal hernia alloplasty (Rus) 51170

*effects*
p-acetylamino-o, β-dinitrostyrene & deriv. on Micrococcus pyogenes & E. coli in vitro (It) 48098

*metabolism*
vinyl phosphate synthesis from vinyl acetate & phosphoric acid 40529

*VINYL ETHER see* ETHERS

*VIOFORM see* ANTISEPTICS, HALOGEN

VIOMYCIN

*effects*
on exper. moniliasis in mice 52282
on M. tuberc., sensitivity of various strains (Fr) 3100

*injurious effects*
fatal hypersensitivity, case report 14158

*related compounds*
viomycin pantothenate, eff. on M. tuberc. in vitro & on exper. tuberc., comparison with viomycin sulfate (It) 3911
viomycin pantothenate, exper. & clin. evaluation, review (It) 9312
viomycin pantothenate-sulfate in ther. of pulm. tuberc. (It) 29647
viomycin-pantothenate-sulfate ther. of pulm. tuberc. (Ger) 32323
viomycin pantothenate, ther. of primary pulm. tuberc. in small child. (Ger) 6013
viomycin pantothenate, ther. of primary tuberc. infect. in child (Fr) 30442

*therapeutic use*
preop. & postop. protection in pulm. resection for tuberc. 15545
renal tuberc. (Fr) 41481
tuberc., pulm., with cycloserine 35916

VIRILISM

*see also* ADRENOGENITAL SYNDROME
hirsutism in women with hyperandrogenism (Fr) 36058
hyperandrogenism in postpuberal female (Fr) 36052, 36059

*case reports*
hyperandrogenism in female, normalizing eff. of pregn. (Fr) 36053
hyperandrogenism in postpuberal female, urinary 17-ketosteroids & total reducing corticoids, eff. of prednisone (Fr) 36060
hyperandrogenism with Stein-Leventhal synd., case reports (Fr) 36056
in hyperostosis frontalis interna with schizophrenia (It) 36757
with absence of prod. of 21-hydroxysteroids in post-puberal virilism in young female (Fr) 35118

*etiology and pathogenesis*
adrenal adenoma, differ. diag. 29758
hilus cell tumor of ovary with uterine hypertrophy, in 72-year-old woman (Ger) 49817

*experimental*
virilization of female guinea pig by chorionic gonadotropins, eff. of adrenalectomy & hypophysectomy (Fr) 36066

VIRUS DISEASES

*see also* COMMON COLD
bronchopulm., relation to primary pulm. tuberc. (Fr) 50785
cellular aspects of cell-virus relationship, review 47901
Colorado tick fever 19815
diag. & ther 16096
ECHO virus aseptic meningitis, serol. & clin. manifest. of epidemic outbreak 25166
ECHO virus infect., differ. diag. & epidemiol. (Ger) 41606
ECHO virus infect., review 3174
ECHO virus type 4 aseptic meningitis with rubella-like rash, epidemic outbreak 25168
ECHO virus type 9 7417
ECHO virus type 9 aseptic meningitis with rubella-like rash, epidemic outbreak 25167
ECHO virus type 9 causing aseptic meningitis 7418
ECHO virus type 9 infect. mixed with polio. infect., epidemiol., clin. & virol. research (Ger) 39863
ECHO viruses causing NS dis., review (Ger) 27488
eff. on growth of fructose sarcoma in homologous & heterologous hosts 52302
exper. inoculation of humans with ectodermotropic viruses 5222
keratoconjunctivitis, epidemic, isolation of viral agent (It) 36823
keratoconjunctivitis in sheep (Fr) 37780
Kyasanur Forest dis., virol. 17413
lymphocytic choriomeningitis, clin. aspects in acute cases (Rus) 46343
masked virus infect. in plants, review 25121
myxoma virus transforming agent, properties 20721
natural virus B infect. in rhesus monkeys 5690
neurotropic, compl. & manifest. (It) 1998
of lungs, ther. & prev. (Fr) 49733, 50788
plant virus dis. (Fr) 1089
possible viral etiol. of lichen planus (Hun) 48073
possible viral origin of regional ileitis 539
progr. in isolation of viruses & management 29763
resp. dis. in human adult inoculated with cytopathogenic virus isolated from non-diphtheritic croup & day nursery child., clin. manifest. 25169
resp. infect. 15046, 15925
resp., inoculation of volunteers with J. H. strain of new resp. virus 18460
resp. tract (Dut) 15796
resp. tract (Fr) 38780
resp. tract, review (Ser) 10927
review (Dut) 15792
review (Rus) 11489
rhinitis as virus dis. 10274
scarlet fever as virus-streptococcus infect. (Ger) 22767
tobacco mosaic virus infect. of tobacco plants, eff. on organic acid composition 10849
virus etiol. of various mouse leukemias (Ger) 11918

*blood in*
inclusion bodies in circulating neutrophils in canine distemper 48983

*case reports*
B virus encephalitis in laboratory worker handling monkeys, fatal case 24422
B virus infect. with herpes labialis 14709
Coxsackie A-like ECHO 9 virus causing meningoencephalitis 32505
ECHO virus type 9 17771
Kyasanur Forest dis., clin. aspects 17414
lymphocytic choriomeningitis in virol. laboratory technician (Cz) 26545
sero-fibrinous interlobar pleurisy (Fr) 37917

*complications*
ataxia, acute, in child., manifest. & case reports 34989
heart dis. caused by resp. viral infect. 49984
keratitis, clin. manifest. & pathogen. concept 44048
myocarditis, review (It) 44372
sudden deafness 34929

*diagnosis*
complement fixation inhib. test 28402
hosp. diag. virus laboratory serving community 24640
laboratory diag. in medium-sized hosp. 24447
resp., laboratory diag. 15924, 53215
review (Pol) 50471
rinderpest in cattle, diag. by complement fixation test
tissue culture diag. 28445

*differential diagnosis*
milkers' nodules from granuloma pyogenicum 21

*epidemiology*
CNS infect., natural foci in Czech. (Cz) 2769
Columbia SK virus infect. in Czech. (Ger) 22808
in Yugosl., serodiag. of neurotropic virus infect. 32285
Kyasanur Forest dis. 17417
lymphocytic choriomeningitis (Ger) 34149
lymphocytic choriomeningitis in Czech. (Ger) 22768
outbreak of viral dis. with neurol. & vasc. manifest. in Argentina (Sp) 15510
pretibial fever epidemic at Fort Bragg, No. Carolina, identification of causative agent (Sp) 39126
resp., in Royal Air Force personnel 2209
virus pneumonia of swine in France (Fr) 38676

*etiology and pathogenesis*
CNS processes in pathogen. (Ger) 11183
non-specific factors (Fr) 48840
resp. viral dis., review (Cz) 38225
transm. across intact conjunctiva 6188

*experimental*
acute contagious lung dis. in dogs, pathol. (Fr) 3066
biochem. changes in virus-infected & regenerating mouse liver 43000
chondroid metaplasia of chick embryo reticuloendothelial system produced by choriotropic virus (Fr) 48843
cytomegalic inclusion dis., prod. of chronic subclin. infect. in mice 44104
distemper in mink & ferrets, pathogen. 12760
ectromelia virus & neurotropic vaccinia virus infect. in mice, chemother. eff. of copper, rhodium & other metal cpds. 14095
eff. of anti-tissue sera on virus dis. in vivo (Fr) 1092
eff. of electroshock on CNS virus infect. in mice (Ger) 46239
EMC virus infect. causing myocarditis in mice, ECG & histol. (It) 6796
failure of egg-propagated distemper virus to interfere with exper. neurotropic distemper in mink 4626
interference phenomenon between exper. myeloma virus & rabies virus in simultaneously infected mice (It) 37369
intranuclear bodies in liver tissue, histochem. study 5637
lipopolysaccharides causing non-specific resist. shift in virus titer of infected mouse organs (Ger) 32312
MHV3 virus infect. causing myocarditis in mice, ECG & histol. (It) 6797
mouse encephalomyocarditis, enzyme activity in brain tissue (Ger) 33999
mouse hepatitis virus infect., eff. on potassium & sodium in myocardium & skeletal musc. in mice (It) 13984
mouse hepatitis virus infect., susceptibility of cortisone-treated mice 31315
mouse polyoma virus infect., spread 42999
parapolio. Columbia SK virus infect., develop. patterns in dogs 33139
pulm. lesions produced by fibroma viruses in squirrels & rabbits 38092
sparing eff. of blood from mice treated with endotoxin on certain murine virus dis. 52417
type 2 hemadsorp. virus infect. in human volunteers, for long incubation interval 21668
West Nile virus infect. causing myocarditis in mice, ECG & histol. (It) 6795
West Nile virus infect., eff. on potassium & sodium in myocardium & skeletal musc. in mice (It) 13985

*immunology*
antibody titers among jungle inhabitants of upper Amazon Basin during infancy, childhood & adolescence 43523
direct virus antibody flocculation reactions, review 8041
immunity, mechanisms (Ger) 52254
particle size of antigens prepared from bluetongue virus infected suckling mouse brain 9780
rinderpest, acquisition & persistence of maternally derived antibody in calves 40888
rinderpest, active immun. in calves 40889
vaccines, antigenic analysis for chicken egg white & egg yolk components 16517

*in infant and child*
cytomegalic inclusion dis. (Rus) 7882 7883 36879 36880
cytomegalic inclusion dis. in newborn (Fr) 54143

cytomegalic inclusion dis. in newborn, autopsy findings 41085
cytomegalic inclusion dis. in newborn, histopathol. of placenta & chorionic membrane (Fr) 27718
elevation of cold agglutinin titer (Ger) 4030
enteroviral diarrhea 2217
eruptive viral dis. causing primary typical pneumonia (Fr) 51497
hemadsorption virus infect. in resp. dis. in child. 38609
pharyngitis, review (Fr) 51495
resp. & other communicable dis., prev. vacc. (Fr) 15244
viral croup, etiol., manifest. & ther. (Fr) 51496

*in pregnancy*
eff. on fetus 14214
eff. on fetus, review (Pol) 53154
relation to fetal abnorm. (Ger) 52258
relation to incidence of ment. defic. in inf., influence of season of conception 809

*microbiology*
enhancement of bact. infect. by viral infect. (Fr) 8996
enteroviruses in pig 7256
viremia & detection & isolation of viruses from blood in human viral infect., review (Ger) 27386

*pathology*
cytomegalic inclusion dis., enhanced susceptibility of proliferating endothelium to salivary gland virus after natural & exper. infect. 12467
eye in hog cholera, histopathol. 17103
submicroscopic structure of leukemias of viral origin, review 13871

*physiology*
cardiovasc. system (It) 8658
36972

*prevention and control*
distemper & infect. hepatitis in dogs, prep. of bivalent live virus vaccine & response of puppies 31294
distemper, nomographic prediction of age to vaccinate puppies 48986
hog cholera 50291
50293
hog cholera vacc. causing leukopenia in pigs, prev. by inject. of Hemophilus pertussis bacterin 12749
hog cholera, vacc. of swine in U. S. 16762
in Russia, anti-epidemic serv. in army (Rus) 45860
infect. bovine rhinotracheitis, field trials of modified live virus vaccine in Colorado 40406
progr. 28173

*statistics*
in Belgian Congo (Fr) 1083
in Central Africa (Fr) 1093

*transmission*
arthropod-borne dis. in Africa, control problems 1090
from animal to man 21539
myxomatosis, infect., transm. by rabbit in Morocco (Fr) 18609
parasitic Philornis flies as possible carriers 44097

## VIRUSES

*see also* ADENOVIRUS
*see also* BACTERIOPHAGE
*see also* COXSACKIE VIRUSES
*see also* INFLUENZA VIRUSES
*see also* MIYAGAWANELLA
*see also* PLEUROPNEUMONIA-LIKE ORGANISMS
*see also* POLIOMYELITIS VIRUS

18661
arthropod-borne Group B animal viruses, inactivation by proteases 10858
Asiatic fowl plague virus, interference with vaccinia viruses (Rus) 33653
avian erythroblastic leukemia virus, electron microscopy (Fr) 5905
biochem., review 1253
Bunyamwera virus, isolation from naturally infected human beings & from Aedes circumluteolus in Tongaland 24694
bushy stunt virus, determ. of size of protein subunits 10866
Coe virus, new virus isolated from patients with mild resp. dis. 24425
concentration & purification by adsorption on cholesterol column 10861
corn stunt virus, cross protection between two strains in insect vector 22597
cucumber mosaic virus, purification & serol. 42996
cucumber mosaic virus, resist. of various tobacco species 22588
demonstration by luminescent microscopy (Rus) 19133
ECHO virus isolation from outbreak of aseptic meningitis 11981
ECHO virus 9, lyphilization (Fr) 26824
ECHO virus type 9, isolation during outbreak of lymphocytic meningoencephalitis 37682
ECHO viruses in intestines, review 54432
ECHO 9 viruses, neuropathogenicity 49634
electron microscopy 8269
encephalomyocarditis virus, replication of 10204
enhancement of immune response in leprosy patients 16352
enteric cytopathogen. dog orphan viruses, attempted isolation from dogs 22608
enterovirus-resembling agents isolated in HeLa cell cultures from fecal specimens 44123
enteroviruses, isolation from feces of child. with diarrhea 41868
enteroviruses, review 8335
equine abortion virus, electron microscopy 20739
equine rhinopneumonitis virus propagated in hamsters, eff. of phys. & chem. environment 48979
equine rhinopneumonitis virus propagated in hamsters, in vitro serum-virus neutralization tests 48975
etiol. role in cancer, review 13258
excretion from organism, review (Rus) 33167
fowl plague virus antigen & infect. particle synthesis in tissue culture, inhib. by proflavine 22603
Friend virus causing leukemia in mice, pathogen. of neoplastic process in reticulum cells 48568
hemadsorption viruses in etiol. of acute resp. dis. in child 50186
hypothesis on relation between synthesis & release of animal viruses from infected cells & lipid content of viruses 15679
infect. bovine rhinotracheitis virus, biophys. characterization 44090
interference & interferon (Ger) 15450
interferon, eff. on growth of viruses on chick chorion in ovo 14091
interferon, factors affecting prod. of 14092
interferon, mechanism of action 19634
isolation of large-sized virus from ovine pneumonia lesions, pathogenicity in lambs 15239
Leptomotropas solani & Leptomotropas callistephi, correlation (Rus) 33651
mammalian viruses, absorp. & translocation by plants 45825
45826
mouse mammary carcinoma virus, carcinogenic activity after 6-year preserv. in dry state (Rus) 1760
myxoviruses & other resp. viruses, review 25109
myxoviruses, darkfield & phase contrast microscopy with serol. tests (Ger) 34482
new viruses (Pol) 8060
nucleic acids as carriers of viral activity, review 8333
phytogenic, inclusion bodies (Rus) 33168
plant viruses, analysis of terminal amino acids in virus peptides 10865
plant viruses, isolation & properties (Fr) 1069
plant viruses, separation by zone electrophoresis on agar gel 48453
poliomyelitic properties of nonpolio. enteric viruses 5408
polyhedral virus in Stilpnotia salicis (Sp) 29540
possible etiol. agent in Hodgkin's dis. 13238
potato leaf roll virus, behavior in body of its aphid vector 10868
potato leaf roll virus, transm. of both virulent & avirulent strains by single aphid vectors 10869
potato virus Y titer in relation to leaf size & manganese content 22604
purification & concentration of viruses & virus soluble antigens on calcium phosphate 40836
quantitative biol. exper. in virus research, review 50886
relation of Rous sarcoma virus to host cell 26448
relation to etiol. of cancer 23397
research in U.S. (Ger) 51783
research, Koch's postulates in modern research 2615
Rous sarcoma virus, purification by zone electrophoresis 52430
Rous virus treatment of sarcoma during embryonic stage in rat. 29874
RPL12 lymphomatosis virus in chick embryo & chick-embryo tissue culture, morphol. & cytochem. 28527
SE polyoma virus, induction of tumors in rats by tissue-culture prep. 50887
S E polyoma virus viability, eff. of tissue culture passage, storage, temperature & drying 31378
sedimentation constants, estimation by density-gradient centrifugation 10857
70 newly recognized viruses in man 53652
Shoppe rabbit papilloma virus, adsorption by erythrocytes (Rus) 33652
sour cherry viruses, identification by mechanical transm. from herbaceous hosts to Prunus species 22601
strain RPL12 virus causing avian visceral lymphomatosis & related neoplasms, host-virus interrelations affecting response 50885
strain RPL12 virus causing avian visceral lymphomatosis & related neoplasms, nature of lesions 50884
structural element & funct. in smaller viruses (Ger) 55672
survival in drinking & surface waters (Ger) 34487
taxonomic interrelation of virus & bacteria 13551
Tipula iridescent virus, early stages of infestation of fly Tipula paludosa larvae 30378
tobacco mosaic, role of chem.-active groups in virulence, review (Rus) 33169
tobacco mosaic virus, action spectra for 2 strains 45833
tobacco mosaic virus & potato virus X, chromatography 25409
tobacco mosaic virus & virus x, new method of identification (Fr) 38674
tobacco mosaic virus, assoc. with plastids, biol. of virus isolated from chloroplast fraction 45836
tobacco mosaic virus, assoc. with plastids, isolation of virus from chloroplast of diseased-leaf homogenates 45835
tobacco mosaic virus, inactivation by Actinomyces (Rus) 19108
tobacco mosaic virus, intracellular localization of virus particles in leaf by electron microscopy 40597
tobacco mosaic virus, intracellular mechanisms of replication 13766
tobacco mosaic virus, introduction into single hair cells of tobacco leaves 10854
tobacco mosaic virus mutants, quantitative determ. of amino acids in (Ger) 23058
tobacco mosaic virus, phosphorus content 47712
tobacco mosaic virus, prod. of mutants by chem. alteration of its ribonucleic acid in vitro 29879
tobacco mosaic virus, prod. of mutations by chem. treatment of component nucleic acids in vitro (Ger) 34400
tobacco mosaic virus protein, amino acid sequence, fractionation of products of tryptic hydrolysis by counter-current distribution 47710
tobacco mosaic virus protein, infrared spectroscopic analysis of structure 1691
tobacco mosaic virus protein, reactions of amide & carboxyl groups 47953
tobacco mosaic virus, radial density distribution in certain strains 22590
tobacco mosaic virus, rate of disappearance after inject. into liver & spleen of mice & rats, comparison 31465
tobacco mosaic virus ribonucleic acid, biol. activity (Ger) 23068
tobacco mosaic virus ribonucleic acid, content & structure (Ger) 23067
tobacco mosaic virus ribonucleic acid reactions with formaldehyde, inactivation concentration & mechanism 1689
tobacco mosaic virus, spectrophotometric determ. in cultures of tobacco tissue (Fr) 38711
tomato pseudo-curly top virus, transm. by treehoppers 10853
Turlock virus, identification & isolation from tissue culture 895
turnip yellow mosaic virus, release of ribonucleic acid by heating in buffered solutions 22598
types isolated from meningoencephalitis in child. in Rome (It) 31707
Uganda S virus, transm. by Aedes aegypti 10476
unidentified syncytial virus assoc. with acute resp. infect. in inf., isolation & study (Fr) 47386
unidentified virus isolated from Nigerian fruit bats 22296
vesicular stomatitis viruses, typing & differentiation from food & mouth dis. virus by complement fixation 12768
viral carriers in tissue cultures, review 8334
viral inhibitors in normal animal blood, review 45375
viral theory of exper. cancer, review (Rus) 20194
virus-inhibiting urinary mucoprotein, phys. chem. properties 21716
virus-like particles in various tissues of leukemic mice (Fr) 38700
viruses related to spring-summer tick-borne encephalitis virus 46781
West Nile virus, virulence & immunogenic potential in animals 548
wheat streak mosaic virus, correlation of rod length with infectivity 10851
yellow leafroll virus of peach causing phloem degen. in infected celery 22592

*culture*
atypical fowl cholera virus in human tissue explants (Ger) 25175
canine distemper virus, propagation in tissue culture 50476
characteristics of assay for Rous sarcoma virus & Rous sarcoma cells in tissue culture 45829
choriotropic virus, pathogen. eff. in tissue culture (Fr) 26805
Colorado tick fever virus, isolation & propagation in KB cultures 5198
cytopathogenic eff. of hemadsorption virus type I in HeLa cell cultures 20775
cytopathogenicity in tissue cultures by tumor virus from mice 20773
ECHO type 9 in rhesus monkey kidney cells, morphol. changes, comparison with poliomyelitis virus type 1 culture (Ger) 41768
ECHO 10 virus, cytopathogenic eff. on epithelial cultures (Fr) 47402
ECHO virus types 1, 2, 7 & 11 in monkey kidney cells, comparison of growth cycles 37563
ECHO virus type 10 culture in kidney tissue from monkeys & domestic & laboratory animals 31411
ECHO viruses, tissue culture & isolation, review (Por) 8728
equine abortion virus, changes in protein & nucleic acid content of infected HeLa cells 44153
fowl plague virus growth in tissue cultures of chicken macrophages & giant cells 10858
growth of bovine viruses on cultures of bovine embryonic tissues 2563
HeLa cell cultivation in calf serum, susceptibility to polio- & adenoviruses, comparison with susceptibility of cells cultivated in human serum 35364
human cells used in attempt to isolate virus from multiple sclerosis patients, failure 52583
human enteric viruses in tissue culture, cytopathol. 705
in homologous tissue cultures, eff. of anticellular sera on viruses 5153



Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

in human amnion epithelium culture (Ger) 23147

infect. bovine rhinotracheitis virus, stability under various cond. in vitro 12767

infect. of tissue cultures, general aspects of system 5014

infect. of tissue cultures, quantitative aspects of host cell-virus interactions 5018

interference in fowl plague virus in tissue culture, eff. of ultraviolet rays & receptor destroying enzyme from cholera filtrate (Ger) 46170

interference of ECHO, Coxsackie B & polio. viruses cultivated in trypsinized monkey kidney cells

intracellular crystals assoc. with viral develop. in vitro 33069

method for estimating virus concentrations in tissue cultures 10852

milk factor maintenance in mouse mammary epithelium cultures 38083

mouse encephalomyelitis virus, survival in soil & plant root environment 45825

mouse renal cell cultures, sensitivity to various viruses (Fr) 26769

resist. of tissue cultures infected with Newcastle dis. virus or mumps virus to herpes virus

Rous sarcoma virus, infectivity 49447

sheep pox virus, growth & cytopathogenicity in tissue cultures 2061

surviving tissue culture for transport of virus-containing material (Rus) 33658

tissue culture on amnion (Cz) 38155

tissue culture, review (Ger) 55446

tobacco mosaic virus & single cell clones in plant tissue culture 49446

tobacco mosaic virus, in tomato root culture (Rus) 33654

tobacco mosaic virus, in vitro concentrations, eff. of nucleic acid content of tobacco in in vitro culture (Fr) 38697

West Nile viruses, eff. on reactions of human appendix & conjunctival cells to other viruses 45822

***effect of drugs on***

glyoxal inhibitory action (Fr) 10212

organic acid increase of tobacco mosaic virus prod., mechanism 45840

penicillin on meningopneumonitis virus, electron microscopy 50329

pneumococcal factor 103 from pneumococcal cultures on virus receptors & inhibitors in fowl, guinea pig & squirrel erythrocytes 46773

poly-(1-methylenepiperazine), antiviral activity & depot eff. in vitro (Ger) 45397

propyl alcohol disinfectants, inhib. eff., tested in ex-embryonated eggs (Ger) 25253

ribonuclease & deoxyribonuclease on West Nile virus infectivity (Fr) 38636

ribonuclease on introduction of tobacco mosaic virus into single hair cells of Nicotiana leaves 45832

Rous sarcoma virus, inhib. eff. of various fatty acids 49807

testing of cpds. for antiviral activity 1290

thiouracil & benzalacetonethiosemicarbazone inhib. of tobacco mosaic virus, sequence of inclusion form. 45834

trichothecin on viruses transmitted by aphids 2572

***immunology***

antibody & virus determ. by means of erythrocyte aggregation, photometric method (Ger) 34509

antibody & virus determ. by means of hemagglut., photometric method (Ger) 34507

arthropod-borne viruses, hemagglut. & hemagglut.-inhib. tests, technics 900

canary pox virus strain, hemagglut. & hemagglut. inhib. by normal serum 38435

ECHO virus type 9, complement fixation reaction (Ger) 34067

ECHO viruses, hemagglut. activity (It) 13927

encephalomyocarditis virus, relation to neutralizing antibodies intracerebrally or subcutaneously injected in rats (Ger) 34457

hemagglut. & hemagglut.-inhib. by cytopathogenic virus isolated from non-diphtheritic croup & day-nursery child. 351701

hemagglut. by enteric calf viruses of ECBO strain 45837

hemagglut. test, inhib. by neuraminic acid-containing mucoproteins of bovine erythrocyte stroma (Ger) 27919

hemagglut. titer determ. in blood sedimentation pipettes (Ger) 34053

hyperformolised erythrocytes for use in virus hemagglut. studies, prep. & general characteristics (Fr) 47401

immunol. relations of contagious pustular dermatitis virus to mammalian pox group 25782

polyoma virus causing hemagglut. in vitro 10872

polyoma virus of mouse tumor, complement fixation 32343

***metabolism***

bicarbonate participation in synthesis of ribonucleic acid & protein 50535

infectious nucleic acid from tobacco mosaic virus, electrochromatography 45827

iron content in tobacco mosaic virus & its infectious nucleic acid 40500

nucleic acid in tobacco mosaic virus, spectrophotometry (Ger) 25319

ribonucleic acid in tobacco mosaic virus, bioassay (Ger) 46169

tobacco mosaic virus, isolation of acetylseryltyrosine from chymotryptic digest of component proteins 37099

tobacco mosaic virus nucleic acids, eff. of phosphodiesterase from Micrococcus pyogenes aureus 29815

***VISAMMIN see* KHELLIN**

**VISCEROPTOSIS**

***case reports***

with genital prolapse, in a nullipara (It) 21484

**VISION**

***see also* ACCOMMODATION, OCULAR**

***see also* ADAPTATION, OCULAR**

***see also* BLINDNESS**

***see also* COLOR VISION**

***see also* DIPLOPIA**

***see also* ORTHOPTICS**

***see also* REFRACTION, OCULAR**

***see also* REFRACTIVE ERRORS**

***see also* SCOTOMA**

absolute foveal luminosity, quantal determ. & statist. evaluation 38585

absolute judgments of static perspective transformations 17271

absolute threshold for extremely wide fields 28586

acuity & field, eff. of breathing pure oxygen 4695

acuity determ. with various optotypes in child. of different ages 20120

acuity during ocular pursuit of moving test objects 17863

acuity during ocular pursuit of moving test objects, eff. of direction of movement & illumination 17864

acuity in relation to brightness & intermittent illumination 5588

acuity measurement by opticokinetic reflex & Snellen acuity, comparison 88

acuity, objective determ. with von Romberg appar. (Ger) 51264

acuity of binocular depth discrimination, correlation with heterophoria 12038

after-eff. of movement produced by rotating spiral, normal variation & influencing factors 52358

after-effects of waterfall & spiral illusions 795

afterimages, relation to ocular musc. proprioception 46458

appar. for prod. of modulated light for visual stimulation in electrophysiol. 30652

application of 4 factors of seeing to variety of indust. situations 28009

Archimedes spiral aftereffect as test of brain damage 17130

17155

17156

attention during scanning of radar screen 28078

background brightness, relation to foveal difference limen & retinal eccentricity 5589

binocular depth discrimination, determ. (Dut) 12043

binocular, exam. with striated glass test (It) 13934

binocular, location of the center of visual direction by binocular diplopia method 697

binocular, relation to judgment of distances (Fr) 36695

binocular space perception, analysis of exper. on Luneburg theory 28589

biochem. of visual processes (Ger) 53097

campimetry & perimetry, fixation appar. 37608

characteristics of model retinal receptor studied at microwave frequencies 28588

Children's Visual Achievement Forms in prediction of reading achievement, intelligence & handwriting still in first-grade school child. 12459

chromaticity & luminance differences, quantitative relation 17865

collated near-vision test card 12450

color as modulation of clarity (Dut) 7348

complex discrimination, eff. of irrelevant information 50541

cortical unit responses to visual stimuli in nonanesthetized cat 687

critical flicker frequency, eff. of age & light-dark ratio 40827

critical flicker frequency in brain damage, correlation with EEG findings 10791

critical flicker fusion threshold, eff. of methamphetamine in ment. disord. 41193

depth-eff. in photographs viewed with one eye & with both eyes (Ger) 43578

depth perception, Panum phenomenon (Ger) 24273

detection of test objects in a uniformly luminous field 4696

difference thresholds for intermittent photic stimuli as funct. of rate of flash, number of flashes & presentation time 41244

discrimination by octopuses, eff. of removal of various amounts of vertical lobes 53482

discrimination by octopuses, responses of untrained octopuses to various figures & eff. of vertical lobe removal 53483

discrimination of form, dependence on interaction of form preexposure & test requirements 17090

discrimination of similar & different patterns, eff. of prolonged exposure 17089

disord., acute, diag. & ther. (Hun) 7705

disord. & problems of aviators during flight (Fr, Dut) 46554

disord. caused by smoking 53288

disord. causing exclusion from military serv. in Italy, statist. (It) 1111

disord. during epileptic seizures, incidence & characteristics (It) 32473

disord., importance of adequate illumination for eye comfort 28002

disord. in aviators at high altitudes, problems & methods of eye protection (Fr) 51489

disord. in child., early diag. 0120

disord. in commercial jet aviators (Fr) 51487

disord. in meningioma of brain (It) 9395

disord., research, review 47539

during head & eye movements, importance of blinking (Ger) 43576

eff. of attentive thought on subcortical visual responses (Fr) 54090

eff. of benzene hexachloride pois. on threshold of visual excitability in frogs (Ger) 46577

eff. of benzene hexachloride pois. on visual sensitivity of poikilothermals (Ger) 46576

eff. of convergence & angular size on computed value of hypothetical observer constant in binocular vision 46364

eff. of electrostimulation of brain during exper. hypothermia 11662

eff. of lateralization of cerebral hemispheric dominance (Fr) 49227

eff. of myo-sensorium of eye musc. on egocentric localization of binocular optic after-images (Ger) 46845

eff. of partial section of corpus callosum on differentiation from tactile & auditory stimuli in dogs (Rus) 15756

eff. of serial temporal & parietal lesions on visual discrimination in monkey 4930

eff. of stereoimage decentration on apparent size 17861

eff. of subliminal visual stimulation on images & dreams 50281

eff. of superior colliculus & caudate nucleus lesions on visual discrimination in monkey 4931

eff. of systematically controlled visual experience on discrimination learning & interdimensional transfer in rat 50508

eff. of visual stimulation on potentials in cerebellar cortex in cat 50940

electrical response of various laminae of lateral geniculate nucleus during stimulation of eye by light in monkey 50484

electroretinographic study of parameters which define efficiency of light stimulus 23305

entoptic funct., principles for testing (Ger) 28916

entoptic phenomena, clin. significance (Ger) 51864

exper. with appar. for producing stabilized retinal image 51109

field & panoramic visual field in eye & systemic dis. (Ger) 28855

field defects caused by cerebral arteriovenous aneurysm 23865

figural after-effect, correlation with reactive inhib. & introversion-extraversion 16491

figural after-effect in ment. defectives 50104

figural after-effect in perception of real & apparent movement 17335

figural after-effects., Kohler-Wallach & Osgood-Heyer theories 797

flicker discrimination, eff. of autonomic drugs 47046

flicker discrimination, impairment in brain damaged patients 19789

flicker fusion frequency, determ. of stress eff., methodol. (Ger) 44220

flicker-fusion frequency, eff. of contralateral glare 33425

flicker fusion frequency, eff. of local cold application 16830

flicker fusion frequency in deaf-mute & normal drivers during long distance ride (Ger) 46186

flicker fusion frequency measurement by electronic light stimulator, technic & appar. (Ger) 23640

flicker fusion frequency, photochem. mechanisms, & perceptual responses, review 96

flicker fusion thresholds in brain-inj. child. 23409

form perception in coxgen. nystagmus (It) 37368

fovea-cortex system in man, attenuation characteristics with white & colored light 17859

foveal asynchronism & thresholds for apparent movement in brain-injured child. 17136

foveal flicker fusion frequency, eff. of lesions of cerebral visual pathways, temporal determinants 4927

fusion amplitude during repeated stimulation with adductor prisms (It) 36217

identification of signal lights, eff. of elimination of purple category 50994

Johannes Müller on the inverted image, new translation 47061

lateral dominance in child. in relation to reading difficulties, Harris tests (Sp) 36845

light sense, normal curves under various testing cond. using Goldmann-Weekers adaptometer (Ger) 20129

liminal image size for conventional film readers 50095

luminosity curves of normal & dichromatic subjects, comparison 21664

magnitude of binocular summation, eff. of method of stimulus presentation 17267

mixed dominance of eye & hand, relation to reading disord. in child. 41267

new reading material for subnormal vision subjects 24583

night driving seeing problems 24578

normal frontal plane horopter discovered by new device, the horopter finder 46469

oculomotor reactions of Daphnia pulex to monochromatic lights of equal energy, visual & dermatoptic sensitivity (Fr) 38758

optic fixation, mechanisms (Dut) 7319

perception, autokinetic illusion in aviators 12033

perception, complexity & orienting responses with longer exposures 5049

perception, eff. of contour redundancy on recognition, naming & reconstruction of visual figures 5061

perception in stutterers 2843

perception of apparent motion by schizophrenics 17157

perception of double-cube figures, structural & conceptual factors 781

perception of novel visual configurations with & without eye movements 5040

perception of perpendicularity 777

perception of repeated light flashes, eff. of number, presentation rate & retinal location stimulated 28331

perceptual duplication of binocular depth intervals at different distances from subject 23286

perceptual stability of visual world during voluntary eye movements 19685

perimetry, peripheral & central field testing, comparison & significance 34904

permanent impairment of visual system, guide to evaluation 4505

pure photopic response in spermophile Citellus citellus with pure retinal cone, flicker-electroretinography (Ger) 55453

range, eff. on posture 20372

requirements for motor vehicle drivers (It) 32088

scotopic, selective sensitivity of retina to plane of polarization of light (It) 36770

screening of school child. by Massachusetts Vision Test, reliability & critical evaluation of results 696

screening program for school child. 20005

screening program in Arkansas schools 4689

shutoff pulse illusion 54407

simultaneous brightness contrast & Pulfrich phenomenon 28587

spatial, comparative instrumental & binocular studies (Ger) 28917

stereoscopic acuity & observation distance 17862

stereoscopic, review 11692

successive visual discrimination of horizontal & vertical rectangles by octopus 4934

teaching sequence for train. of visual perception in mental defectives 596

temporal periodicities in primary projection system 686

tests of reading & working distances of presbyopics 49980

test of retinal rivalry, evaluation as visual screening device 55894

test of visual analyzer electrical sensitivity & lability in workers (Rus) 3805

testing chart with numbers instead of letters for No. Africans unable to read French (Fr) 47772

testing of school child. by school physician, correlation with oculist's tests (Fr) 54622

testing of students with funct. readiness questionnaire & visual train. with prism reader 12460

testing of visual acuity & results to be expected in persons of various ages 26075

twin reactions to audiovisual stimulations, identicalness (Fr) 36148

visual acuity tests in pre-school child. 52144

visual capacity standards for scope operators in jet-propelled aircraft (Fr) 29237

visual comfort in indust., importance of lighting 28004

28005

28007

visual efficiency necessary for woodworking (It) 39365

visual experience in learning exper., comparison with visual-motor exper. 50510

visual fatigue in radar scope observers, etiol. & prev. (Fr) 29230

visual field disord., differ. diag., ophthalmoscopy 49389

visual fixation in human inf., influence of complexity & whiteness of stimuli 28081

visual problems in reading 24577

visual problems in reading & optometric limits of assistance 12461

visual problem in reading disability, psychoanalytic interpretation 44247

visual requirements in vocational selection in Germany (Ger) 26183

visual threshold, randomized stimuli & non-independence of successive responses 17346

visually controlled locomotion & visual orientation in animals 2120

*effect of drugs on*

chlorpromazine & secobarbital on visual behavior 50837

disord. caused by lithium antimony-thiomalate ther. of schistosomiasis 14318

lysergic acid diethylamide on absolute visual threshold 17077

meprobamate on motor & sensorial activity of binocular vision (It) 13140

*VISUAL PURPLE see* RHODOPSIN

VITAL STATISTICS

*see also* BIOMETRY

*see also* INFANT MORTALITY

*see also* MATERNAL MORTALITY

accid. deaths in Memphis & Shelby County, Tennessee 41446

applications of order statist. to health data 12653

birth & death registration in Massachusetts, inauguration of modern system 19136

birth rate analysis in relation to birth order, parental ages & sex of offspring 541

birth rate & mortal. in democracies & people's democracies in last 30 years (Hun) 43429

child. mortal. in Ecuador 4535

child mortal. in Tlaltizapan, Mexico (Sp) 48082

death rate among offspring of consanguineous marriages 544

death rate in relation to weather cond. 568B

in Gt. Brit. 18716

in Italy, mortal. rate according to age 39660

in Russia (Rus) 9925

9930

in Russia, morbidity based on population census (Rus) 21930

in Spain (Sp) 33009

in U. S. 43503

influence of changes in general mortal. rates on survival of patients with chronic dis. 38076

morbidity & mortal. decline in Gt. Brit., causes 18671

morbidity & mortal. in Montreal (Fr) 10678

morbidity & mortal. in pre-school-age child. in Spain (Sp) 296

morbidity & mortal. of preschool child. in Minneapolis 803

morbidity data obtained from sample surveys, problems in collection & analysis 51949

morbidity in Czech., principles for planning surveys (Cz) 38364

morbidity in Czech., value of tag method for computing statist. (Cz) 2800

morbidity in Denmark (Dan) 22444

morbidity in Filipino men 49849

morbidity in E. Germany (Ger) 38909

morbidity in E. Germany, relation to econ. status (Ger) 38910

morbidity in England & Wales 41844

morbidity in GP in Gt. Brit. 26153

morbidity in Greenland, medico-soc. aspects (Dan) 22409

morbidity in Gt. Brit., survey 52640

morbidity in Russia (Rus) 9926

morbidity in small country practice in New So. Wales 42103

morbidity in Stockholm among paupers 24096

morbidity in U. S. (Rus) 45258

morbidity, incidence in Transkei mission hosp. of So. Africa 9828

mortal. & morbidity in London during fog of December, 1957, relation to meteorol. cond. 7034

mortal. causes 4460

mortal., determ. of quality of diag. evidence supporting med. certification of death 12652

mortal. in state ment. hosp. in Michigan 8443

mortal. of kwashiorkor in child. of Hosp. Infantil de México (Sp) 48083

mortal. rates, relation to smoking, review 24638

occup. vital statist. on coal miners in Gt. Brit., accuracy 26039

regional demography in France, socio-economic aspects (Fr) 48938

short-range birth projections 20898

standard. of death rates, new method 2117

VITALLIUM

implants in prosth. of mandible 24673

VITAMIN A

*see also* CAROTENE

53258

content of fish lipids, nutritional value 8273

eff. of anti-oxidants on stability of oleaginous solutions (It) 39314

eff. of pelletizing animal feed on vitamin A content 4623

excess in pregn. causing exper. malform. of head (It) 29577

hypervitaminosis A, eff. on compensatory testicular hypertrophy in guinea pigs (It) 29743

hypervitaminosis A, eff. on parathyroid glands in rats 35532

hypervitaminosis A in pregn. rats, exper. eff. on growth of offspring 131

hypervitaminosis A induction of anencephalus, encephalocele & meningocele in rat embryos (Fr) 25468

hypervitaminosis, eff. on intraocular pressure in man & rabbit (Fr) 14513

hypervitaminosis, eff. on rabbit embryo (Fr) 38733

hypervitaminosis in exper. induction of encephalocele & meningocele (Fr) 9130

hypervitaminosis in mother causing urinary tract abnorm. in embryo (Fr) 3062

hypervitaminosis, teratogenic eff. in rats, eff. of vitamin B complex 19585

loading test in differ. diag. of hyperlipemia in arteriosclerosis (Fr) 53980

mechanism of action, review 43287

relation to histol. aspects of estrus cycle in mice & rats (Ger) 45845

stability in various pharmaceutical prep. (It) 48103

structure & determ. of vitamin A & its deriv. (Ger) 45846

*determination*

assay by modified anti-estrus test in rats (Ger) 45844

in margarine containing sesame oil, spectrophotometry 28061

in milk mixtures (Ger) 30632

*effects*

11-cis vitamin A prev. of retinal rod. degen., exper. 24562

hypervitaminosis on blood coagulation in rat 20920

on blood phosphatase levels in various dis. (It) 48130

on epidermis of mouse, specificity of response 41006

on gonads & pituitary gland (Ger) 29403

on pancreas secretion (Ger) 359

on skin response to x-irradiation in rats (Ger) 45843

*in blood*

age-dependent & seasonal variations of content in normal & various pathol. cond. (Ger) 11172

destruction of vitamin A by blood 37587

determ., erratic results caused by hemolysis & reagent impurity 28570

determ. in tuberculotics during chemobiotic ther. (It) 333

eff. on cholesterol determ. in blood 31361

in acoustic trauma & hearing fatigue (Ger) 10913

in healthy child. (Rus) 43557

in peripheral & spinal rheum. arthritis & psoriasis vulgaris 24102

vitamin A ester transport in rat blood 19614

*injurious effects*

cancerogenic (Sw) 54797

*metabolism*

absorp. & blood levels in inf. & child. with allergic enteritis 1123

absorp., correlation with radioactive iodotriolein method for fat absorp. determ. 15943

absorp. in dogs with biliary fistula by cholecystonephrostomy 17822

absorbability of vitamin A to melanin in black liver of dogfish, chem. verification 18167

blood & milk in cows, annual curves (Cz) 48623

blood level comparison after ingestion of various prep. 38022

dietary content in relation to goiter incidence 28569

disord. causing ocular fundus changes (Indonesian) 41981

in peptic ulcer (Rus) 41666

in pregn., labor & puerperium, comparison (Ger) 40184

in visual processes, pathogenic & ther. factors (Fr) 7070

intermediary metab., biochem. mechanisms (Fr) 35611

liver storage of vitamin A esters in peanut-fed rat, eff. of antibiotics & vitamin B12 17830

resynthesis of vitamin A2 in Gambusia holbrooki after admin. of carotene β or vitamin A1 (Fr) 40911

review 1261

vitamin A1 dehydration, inhib. by lipid substance in liver (Fr) 48852

*preparation of*

aqueous solutions for inject. with tween substances (Ger) 47683

condensation of aldehyde with senecioate (β,β-dimethylacrylate) 18161

indust. prep. (It) 29596

methods 18160

*related compounds*

anhydrovitamin A2 & rehydrovitamin A2, isolation & spectroscopy 16901

vitamin A alcohol, separation from its acetate & its palmitate, method (It) 16388

*therapeutic use*

alopecia cicatrisata 23384

cerebrovasc. accid., with benzyl cinnamate solution 39790

early reactions of bladder & intestine to x-ray & radium ther., with prednisolone, pantothenic acid & sulfonamide (Ger) 32670

eye dis., with hydrocortisone & neomycin oleate (Ger) 16305

helomata, intradermal inject. 4546

leukoplakia, local admin. 11582

vitamin A & E prep. in deafness. (Ger) 53257

VITAMIN A DEFICIENCY

*see also* NIGHT BLINDNESS

review 15756

*complications*

conjuntival dis., histopathol. 33137

*experimental*

eff. of β-carotene & cortisone on vaginal epithelium of defic. rats 20782

eff. of progesterone (Fr) 40910

eff. of somatotropin on bone & periodontium in rats 11772

eff. on appearance & pathogen. of Friedländer's pneumonia in rats (Rus) 33281

eff. on develop. of exper. malaria in white rats (Fr) 1034

eff. on Plasmodium berghei malaria in rat (Fr) 26710

in pigeons (Fr) 26875

uterine & vaginal epithelial changes (Rus) 25763

VITAMIN B COMPLEX

*see also* BIOTIN

*see also* FOLIC ACID

*see also* INOSITOL

*see also* LIPOTROPIC FACTORS
*see also* NICOTINIC ACID
*see also* PANTOTHENIC ACID

B15, determ. of methylating activity (It) 3503
B 15, pharmacol., review (It) 3866

***determination***
(Dan) 45534
polarographic differentiation (Ger) 43612

***effects***
B T, eff. on oxidation of fatty acids by musc. in vitro 54417
BT on nerves, chronaxymetric comparison with stigmasterol & thioctic acid in rats (Fr) 38659
N, N-diisopropyl-dichloroacetamide as molecule responsible for certain pharmacol. eff. attributed to vitamin B15 (It) 37497
interactions of B vitamins on growth of rats 5554
on cerebral cortex, rhinencephalon & thalamus of active & free rabbit (Fr) 26770
on growth of M. tuberc. in vitro & on survival of guinea pigs in exper. tuberc. (Ger) 25258
on hemopoietic cells in tissue culture in aplastic anemia (Rus) 52952
on Monilia albicans survival after freezing (Ger) 16384
on teratogenic activity of hypervitaminosis A in rats 19585
vitamin B complex-procaine-vitamin C prep. on senescence (Ger) 3305

***metabolism***
gastrointestinal synthesis in sheep, eff. of cellulose, starch & gluten (Fr) 38693
synthesis by bact. artificially rendered antibiotic-resist. (It) 31722
synthesis, eff. of chloramphenicol in rats (Pol) 24066
tissue content of various B-group vitamins in exper. vitamin B6 defic. in dogs (Rus) 33345
review 1260

***therapeutic use***
as adjunct in tetracycline ther. of infect. dis., value (It) 38507
B1-B12 in pains & asthenia (Fr) 54478
BT, ther. of nutritional defic. in inf. & child. (Fr) 32915
dicarnitine in rickets, clin. & biochem. eff. (Fr) 54883
N, N-diisopropyl-dichloroacetamide & octamethylpangamic acid in skin dis., clin. evaluation of vitamin B15-like eff. (It) 20973
post-infect. anorexia in child., eff. on blood (Fr) 32393
postop. circ. disord., with phenylpyrrolidinopentane & vitamin C (Ger) 42361
prep. containing no B6 in infect. hepatitis, comparison with vitamin B6 alone (Rus) 33350
vitamin B complex-amino-phospholipid prep. for disintoxication in chronic alcoholism (Fr) 35614
vitamin B complex-vitamin C- procaine prep. in presbycusis (Ger) 18920
vitamin B-lipotropic prep. lipotriad in senile retinopathy 50316

## VITAMIN B DEFICIENCY

*see also* PELLAGRA

$B_T$, relation to eff. of potassium & zinc in nutrition of Tenebrio molitor 5551
causing atypical endogenous depression (Dut) 7323
clin. aspects 12346
manifest. & ther. (Ger) 19038

***case reports***
Wernicke's encephalopathy, correlation of peripheral neuropathy & ECG changes 30121

***experimental***
eff. of follicle-stimulating hormone & interstitial cell stimulating hormone in rat 39208
eff. on liver nitrogen in rats 25059
teratogenic eff. of total vitamin B defic. & defic. in a specific vitamin B, comparison (Fr) 15111

## VITAMIN $B_1$

*see also* COCARBOXYLASE 53261
eff. of radiations, role of dos. range, time factor, quality & mechanism of reaction (Ger) 15853
replacement as growth factor for Mycobact. butyricum 52451
stability in mixtures with vitamin B12 in presence of adenosine-5-monophosphate (It) 49400

***administration***
vitamin B1-procaine complex (Rus) 32556

***antagonists***
pyrithiamine & oxythiamine on cocarboxylase metab. in mice 40183
pyrithiamine, eff. on free amino acid levels in tissues in rats 35531
pyrithiamine, mode of action as inductor of vitamin B1 defic. in pigeons 1681

***determination***
content in bread (Ger) 16387
content in cooked foods, comparison with pre-cooking levels 4184
gravimetric silicotungstate method of assay 40375 40376
microbiol. method using Penicillium chrysogenum mutant (It) 53809
review 6757

***effects***
destruction of vitamin B12 with nicotinamide, protection by iron salts 51082
neuromusc. & ganglionic blocking action of vitamin B1 & deriv. in cats 24763
on musc. action potentials in normal subjects (It) 37366
on peripheral nerve regen., alone & with beta-phenylisopropylamine nicotinic acid phosphate (Rus) 46322
on phosphate uptake by erythrocytes (Ger) 23619
on various microorganisms (It) 53831

***in urine***
fluorimetric & microbiol. determ. (Bul) 32744
in congestive heart failure, correlation with response to vitamin B1 ther. in So. African Bantu 9782

***metabolism***
assimilation of radiosulfur from labeled prep. by tissue proteins (Rus) 37136
Bacillus, biosynthesis in various species (Por) 21065
degradation by shellfish thiaminase & isolation of pyrimidine deriv. 18158
eff. of peripheral nerve excitation 15884
in peptic ulcer (Rus) 33358
in peptic ulcer, eff. of various neurotropic drugs (Rus) 33359
inability of fungus Fomes noxius to synthesis vitamin B1 29852
requirements of adolescent boys, determ. from urinary excretion of vitamin B1 28568
requirements of normal & hyperthyroid rats, eff. of thyroprotein & procaine penicillin G 17809
requirement of rats fed normal & high-fat diets (It) 36778
requirements of Saccharomyces cerevisiae in relation to its thiaminpyrophosphatase activity (Fr) 38644

***related compounds***
thiamine allyldisulfide, review 20036

***therapeutic use***
cycloven in vasc. congestion compl. fract. & wds. healing (Ger) 19410
labor induction, biol. eff. on uterine musc. fiber, review (Fr) 27723
labor pains, with glyceryl-guaiacolate & tolazoline (Sp) 32456
lumbosacral radiculitis, epidural admin. with penicillin & procaine (Rus) 46318
optic nerve atrophy & neuritis & retinitis, with anterior pituitary extract 24108
pain in neuritis & other neurol. disord. (Fr) 45036
peptic ulcer, comparison alone & with ganglion blocking agents (Rus) 33360
peritonitis, postop. (Rus) 22542
prev. of chlorpromazine-induced neuroleptic synd., massive dos. (Fr) 1007
skin dis., with procaine, intravenous admin. (Rus) 10896
vitamin B1-Aesculus hippocastanum extract-rutin prep. in brain inj. (Ger) 45406

## VITAMIN $B_2$ DEFICIENCY

***blood in***
erythrocyte metab. impairment in man 17056

***complications***
multiple neurol. disord. in German prisoners of war in Egypt (Ger) 35599

***experimental***
eff. of higher nerv. activity changes on gastric secretion in dogs (Rus) 1740
eff. of penicillin & sorbitol on growth of defic. rats on various diets 41232
eff. of penicillin on growth & liver thiamine of growing germ-free & normal rats on thiamine-deficient diet 50966
eff. on free amino acids levels in tissues in rats 35531
eff. on histidine metab. in rat 17821
eff. on motor end-plate in pigeons (Fr) 26922
eff. on thyroid funct. & histol., in rats, protective eff. of vitamin C (Fr) 26790
increased blood pyruvic acid level in rats, etiol. mechanism (It) 28062
induction by dietary means by oxythiamine & pyrithiamine in rats & mice (It) 26054

***in pregnancy***
as possible causes of pregn. toxemias 16302

## VITAMIN $B_3$

4136
53262
reaction mechanism to x-rays of various dosages & intensities (Ger) 9992
sodium riboflavin-5-phosphate liquid prep. (It) 13918

***antagonists***
6-chloro-7-methyl-9-(1'-D-ribityl)isoalloxazine utilization by Lactobacillus casei 25406

***determination***
content in cooked foods, comparison with pre-cooking levels 4184
in yellow-colored specimen of bull semen 19473

***effects***
on exper. dysentery reactions to chlortetracycline (Rus) 36376
on liver funct. in infect. hepatitis (Rus) 33344
on musc. action potentials in normal subjects (It) 37366
potentiation of eff. of various choline cpds. on isolated guinea pig ileum stripe 36600

***in urine***
excretion after oral admin. in apparently-healthy humans (Rus) 33342
excretion after parenteral admin. in infect. hepatitis (Rus) 33343
in pregn. & pregn. toxemias (Rus) 12110

***metabolism***
biosynthesis in Eremothecium ashbyii culture 18165
Eremothicium ashbyii, synthesis during fermentation, relation of osmotic pressure (Ger) 32282
in cows & goats & determ. of synthesis rate in goats 2084
liver, eff. of quinacrine during carcinogenesis in rats 23065
mastigophoran Ochromonas malhamensis, eff. on growth 5094
synthesis by Clostridium acetobutylicum & E. coli neapolitanus, eff. of 8-ribityl-6,7-dimethyllumazine 18164
synthesis by Clostridium acetobutylicum cultures, parallelism with prod. of green & violet fluorescent cpds. 18163

***related compounds***
ribityl benzene, protective eff. on x-irradiation of Vicia faba (Ger) 39389
riboflavin-5'-sulfate, eff. on EEG 7211

***therapeutic use***
glycosuria, eff. on protein sensitivity (Ger) 6672
psoriasis 11586

## VITAMIN $B_5$

53264
chem. structure & biol. activies, correlation & review 55288
pharmacol. 16311

***antagonists***
4-amino-5-hydroxymethyl-2-methyl-pyrimidine phosphate eff. on bact. enzyme systems requiring pyridoxal phosphate 37073
desoxypyridoxine, eff. on mineral retention & liver enzyme activities in vitamin B6-defic. rats 17811

***determination***
content in bread (Ger) 16387
in Danish foods 40185
microbiol. method using Neurospora sitophila in solid medium (It) 53810
ultraviolet fluorescence (Rus) 25909

***effects***
growth of young rats fed milk of mothers receiving isonicotinic acid isomers in absence & presence of dietary vitamin B6 (Rus) 22674
on aminoaciduria & serum transaminases in normal child. & subjects of brain dis. of epileptic type (It) 2963
on dent. caries incidence in rats fed on human foods 17212
on gastric juice acidity & secretion in patients with gastrointestinal dis. (Rus) 33357
on liver funct. in infect. hepatitis (Rus) 33348
on musc. action potentials in normal subjects (It) 37366
reduction of cortisone-induced cleft palate in mouse embryo, alone & with folic acid 5211
vitamin B6-sitosterol-unsaturated fatty acid-vitamin E prep. on excess blood cholesterol in patients with previous myocardial infarct 24435

***metabolism***
Bacillus sphaericus, levels during cell growth & sporulation, relation to 2, 6-diaminopimelic acid metab. 13704
eff. of isoniazid on metab. & defic. in pregn. (Ger) 18323
in exper. radiation sickness in rats (Rus) 33347
in inf. fed condensed milk, fresh milk & human milk (Ger) 28056
in normal humans & in kidney dis., comparison (Rus) 33346
in pregn. (Ger) 18932
in toxic hepatitis (Rus) 33349
liver content, eff. of dietary protein in rats under vitamin B6-deficient diet (It) 13964
oxidation by Pseudomonas species, detection & isolation of isopyridoxal & 5-pyridoxic acid as metabolites 40520
oxidation by Pseudomonas species, isolation & structure of compound formed 40521
review 1259

***related compounds***
3-hydroxy-5-hydroxymethyl-2-methyl-isonicotinic acid determ. in urine by fluorometry 4769

***therapeutic use***
alcoholism (Sp) 18850
cardiac insuff. (Fr) 32935
dermatitis seborrheica, neurodermatitis & psoriasis (Rus) 22581
heart dis., alcoholic psychoses & optic neuritis (Fr) 32405
hypercholesterolemia, admin. with nicotinic acid 565
infect. hepatitis, comparison with vitamin B complex prep. containing no B6 (Rus) 33350

nausea & vomiting in pregn., vitamin B6-doxylamine succinate-dicyclomine prep. 4317

nausea & vomiting in pregn., with belladonna alkaloids & buclixine 10997

neurol. disord. (Fr) 45036

optic neuritis caused by alcohol & tobacco, massive doses (Fr) 32916

prev. of cleft palate & harelip in offspring by maternal admin. 30657

prev. of isoniazid-caused peripheral neuritis 4485

pulm. tuberc., daily streptomycin plus high doses of isoniazid with PAS & vitamin B6 12813

pulm. tuberc., with isoniazid & PAS, high doses 12812

pulm. tuberc., with massive dose of isoniazid 928

tuberc., pulm., with isoniazid (Sp) 9703

## VITAMIN $B_6$ DEFICIENCY

### *complications*

hypochromic anemia in tropics, case report 13873

### *diagnosis*

tryptophan-xanthenuric test in skin dis. (Ger) 6084

### *etiology and pathogenesis*

alcoholism, relation to convulsions in alcoholics 20771

### *experimental*

desoxypyridoxine-induced liver cirrhosis in vitamin B6-defic. rats (It) 39673

eff. of desoxypyridoxine & isoniazid on mineral retention & liver enzyme activities in rats 17911

eff. on blood urea in mice 14619

eff. on cholesterol & polyenoic fatty acid metab., in chicks 35383

eff. on tissue content of various B-group vitamins in dogs (Rus) 33345

eff. on tryptophan-$\alpha$-ketoglutaric & tyrosine-$\alpha$-ketoglutaric transaminase basal & adapted levels in rat liver, response to hydrocortisone 28265

eff. on tryptophan metab. in rat, comparison of D & L forms (Fr) 38633

eff. on weanling & adolescent mice of inbred strains 20575

elimination of xanthurenic acid in saliva, in rats (It) 30345

induced by x-irradiation, eff. on tryptophan metab. in rats (Ger) 9991

skin protein metab. (Rus) 22654

with arteriosclerosis in Rhesus monkeys 24392

### *in infant and child*

causing convulsions 4218

### *in pregnancy*

normal & toxemic (Rus) 55396

## VITAMIN $B_{12}$

53266

B12 & B12p, chromatography of neutral & positive factors after electrophoresis (Pol) 23583

chem. structure, biol. action & metab., review (It) 53801

destruction by vitamin B1 & nicotinamide, protection by iron salts 51083

in E. coli biosynthesis of methionine from methionine deriv., mechanism, review 43292

physiol. role & ther. use in man, review 17951

radiocobalt-labeled in diag. of pernicious anemia (It) 44332

review 40096

review (It) 8654

stability in mixtures with vitamin B1 in presence of adenosine-5-monophosphate (It) 49400

structure analysis by x-ray crystallography 27484

structure & phys. properties (Ger) 4584

vitamin B12 enzyme activation of amino acids in protein biosynthesis 4755

### *administration*

oral admin. (Fr) 54149

oral admin., value (Fr) 37770

### *determination*

analysis by counter-current distribution method (It) 49397

in Azotobacter vinelandii, microbiol. assay with Lactobacillus leichmanii 17818

in beans (Pol) 23587

in human liver by bio-assay of needle biopsy material 36353

in sewage sludges 54411

in unicellular green algae Scenedesmus obliquus (Ger) 34236

microbiol. assay in prep. containing antibiotics using an antibiotic-resist. vitamin B12-requiring mutant of E. coli 10151

### *effects*

antag. of cortisone in rats (Sp) 950

on antistreptolysin titers in rabbits treated with streptolysin-O, mechanism of action (It) 26619

on blood lipids & cholesterol in infect. hepatitis (Rus) 33355

on chlorpromazine activity (Rus) 3563

on cytochrome c activity of myocardium in exper. anemia in rabbits (It) 37386

on ECG changes in peptic ulcer after admin. of ganglion-blocking agents (Rus) 33361

on formate & histidine metab. in rats 13774

on growth, eff. of major dietary constituents on response of rats 20774

on hemopoiesis in normal & in x-irradiated guinea pigs & mice (Rus) 44013

on hepatic desoxyribonucleic & ribonucleic acids in exper. fatty liver in rats on steatogenous diet (It) 37319

on lactation (It) 42766

on liver funct., admin. of single dose (Rus) 33351

on liver funct. & course of dis. in chronic hepatitis & liver cirrhosis (Rus) 33353

on liver storage of vitamin A esters in peanut-fed rat 17830

on NS inhib. in animals (Rus) 49427

on nutritive value of peanuts differently processed 17825

on pathol. changes in liver in exper. hepatitis in rabbits (Rus) 33356

on protein anabolism in rats (Fr) 54361

on thymine biosynthesis in Lactobacillus leichmanii 4765

potentiation of eff. of various choline cpds. on isolated guinea pig ileum stripe 36600

### *in blood*

binding by rat blood protein fractions 16296

determ., isotopic technics 4330

determ., microbiol. technic (Dan) 10624

eff. of cyanocobalamins load administered by various routes (Fr) 32189

in anemia, diag. value (Dan) 10637

in Hodgkin's dis. (It) 8361

in liver dis. (Rus) 10232

in liver dis., determ. 52634

in normal, gastrectomized & vitamin B12-defic. rats 29817

in uncharacteristic macrocytic anemia, comparison with bone marrow findings 46609

location in erythrocytes 18166

### *in urine*

concentration by absorp. on carbon for improved Schilling test 17589

excretion after parenteral admin. in patients with renal failure 32234

in diabetes mellitus & megaloblastic anemia after admin. of high doses 24376

radiocobalt labelled, absorp. test, simplified method 37944

radioisotope urine excretion test in determ. of intrinsic factor production after subtotal & total gastrectomy (Ger) 54355

### *injurious effects*

hypersensitivity caused by benzyl alcohol preservative in vitamin B12 for inject. 23528

### *metabolism*

absorp. by small intestine, radioisotope determ. of site 41883

absorp. disord. in pernicious anemia induced by prolonged oral vitamin B 12 ther. 41812

absorp. of orally administered vitamin B12, eff. of sorbitol 52400

absorp. of radiocobalt-labeled vitamin B12 after subtotal gastrectomy 50722

absorp., relation to intrinsic factor, review (Ger) 42903

absorp. site after oral admin. in dogs 40081

assimilation & fixation after oral, parenteral & rectal admin. (Fr) 46947

Bacillus, biosynthesis in various species (Por) 21065

biliary excretion in dogs, determ. by radiocobalt label 31306

binding by human saliva, measurement of capacity by radiocobalt labeling 31454

binding of radiocobalt-labeled vitamin B12 analogs to intrinsic factor concentrates, specificity, radiochromatography (Ger) 32696

biol. life, determ. by radiocobalt, review 20030

biosynthesis of porphyrin-like moiety, origin of methyl groups 47964

carbon-labelled porphobilinogen utilization in biosynthesis of vitamin B12 44969

content of organs of marine fish 29847

disord., role in pathogen. of hyperchromic anemia, review (Ger) 33911

eff. of aging, demonstration of mild state of defic. 39572

eff. of aging on absorp. in rats 17366

eff. of different intrinsic factor prep. on uptake in rat liver slices, radiocobalt study 20734

eff. of increasing doses of intrinsic factor on oral uptake in pernicious anemia 32242

eff. of intrinsic factor 20022

38623

in hepatoma-bearing & normal rats, isotopic & microbiol. determ. 2682

in liver & bile duct dis. (Ger) 44924

in pregn. 35730

intestinal absorp. in man, inhib. by edathamil & reversal by calcium ions 44909

intestinal absorp. in normal & in gastrectomized rats (Fr) 37841

intestinal absorp. in normal & in gastrectomized rats, measurement by Schilling test (Fr) 37842

38754

intestinal absorp. in pernicious anemia patients, eff. of sorbitol 31366

intestinal absorp. of radiocobalt-labelled vitamin B12 bound by substance in pig liver 10426

liver content in normal & cobalt-deficient lambs 19552

liver deposition & storage in normal & pathol. liver 49714

liver deposition, storage & discharge in dog, radiocobalt determ. 41033

liver storage & discharge in pernicious anemia, radiocobalt determ. 41034

liver uptake, radiocobalt determ. 41032

Propionibacterium shermanii, eff. of sulfathiazole (Pol) 23588

radioactivity of adrenals following parenteral radiocobalt-labeled vitamin B12, eff. of parenteral testosterone propionate 15593

relation to vitamin C metab. 38626

requirements of adult human 12352

reserves in young guinea pigs (Fr) 48894

resorption, eff. of intrinsic factor (Dut) 29972

retention & distribution after parenteral admin. in rat (Ger) 16385

review 1258

synthesis by bact. isolated from slime deposits in cobalt-rich areas (Rus) 19119

uptake by rat intestine in vitro, eff. of intrinsic factor 31355

uptake by various rat tissues in vitro, eff. of hog intrinsic factor concentrate 12517

### *physiology*

antianemic activity of vitamin B12 with vitamin B12-binding protein from gastric juice (Ger) 49927

### *related compounds*

5-hydroxybenzimidazolyl- & 5-methoxybenzimidazolyl-cobalamins in ther. of pernicious anemia (Ger) 48068

radiocobalt analogs substituted in benzimidazole group, intestinal absorp. & binding of intrinsic factor (Ger) 46211

### *therapeutic use*

anemia caused by anti-syphilis drugs (Rus) 22506

anemia, hypochromic (Rus) 43560

anemia, megaloblastic, caused by primidone ther., case report 32367

anemia, megaloblastic, clin. value of vitamin B12 factor III m (Ger) 18981

anemia, pernicious, absorp. of oral vitamin B12 41851

anemia, pernicious, comparison of oral & intramusc. admin. 41852

anemia, pernicious, eff. on folic acid metab. 38627

anemia, pernicious, in pregn. (Sp) 21202

anemia, pernicious, refractoriness to intrinsic-factor-vitamin B12 prep. abolished by massive doses of intrinsic factor 35183

anemia, pernicious, with folic acid, studies in patients treated over 10-year period 50704

anemia, pernicious, with intrinsic factor, prolonged oral admin. (Ger) 24228

anorexia & nutrition disord. in inf. & child., with molybdenum & vitamin T (Sp) 21143

Bell's palsy, massive doses 10281

depot prep., advantages 13782

diabetic retinopathy 26088

indic. 50001

infect. hepatitis (Rus) 33352

loss of appetite with growth disord. in child., magnesium molybdate-vitamin B12-vitamin T prep. (Sp) 39973

ment. disord. (Rus) 34694

neurol. disord., with thromboplastin (Ger) 42343

NS dis., massive doses (Rus) 34695

optic nerve dis. (Rus) 22564

peripheral NS dis. (Rus) 21890

prev. of retinopathy in diabetic child. 35349

skin dis. (Ger) 3301

trigeminal neuralgia, supra-orbital admin. (Ger) 7374

vasc. dis., admin. in high doses (Ger) 42922

## VITAMIN $B_{12}$ DEFICIENCY

50001

in vegetarians (Rus) 22689

### *complications*

megaloblastic anemia 14262

subacute combined degen. of spinal cord 31591

### *differential diagnosis*

multiple sclerosis, new tests (Dan) 22390

### *etiology and pathogenesis*

develop. in non-treated pernicious anemia patients 24372

### *experimental*

eff. on blood vitamin B12 levels in rat 29817

### *in infant and child*

with intestinal malabsorp. & megaloblastic anemia, surg. correction of mal funct. intestine, case report 19851

## VITAMIN C

53360

activation of hydroxylation of steroids by reduced diphosphopyridine nucleotide-linked oxidase (Ger) 1683

concentrating mechanism, activation by adrenal cortex hormones in vitro 7212

eff. of ionizing radiations on vitamin C content of food products (Rus) 33624

enrichment of table salt (Rus) 22686

enrichment of table salts, stabilization technics (Rus) 22685

fortification of milk in prev. of scurvy 48512

Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

from leaves & pods of baobab tree, properties & uses in Africa 14788

hydroxylation of desoxycorticosterone by oxygen-ferrous ascorbate model system in vitro (Fr) 3051

in amniotic fluid in normal pregn., eff. of admin. of ascorbic acid (It) 13111

in blood & milk of goats, eff. of normal, mixed & citrus fruit diets (It) 25640

in blood & sweat, eff. of bodily exposure to humid heat (Pol) 43640

in foods of rural Nigeria 55356

in leguminous seeds before & after germination 40076

in plant & animal kingdoms, review (Ger) 18318

preserved food enrichment for armed forces (Rus) 10889

reduction of adrenochrome, value in paper chromatography of adrenochrome & possible physiol. significance 7226

***administration***

oral & rectal absorp. of palmitic ester (It) 3714

with tetracycline in infect., dis., review (Fr) 17658

***determination***

by dead-stop titration method (Dut) 30635

colorimetric method using thionine (Fr) 1055

in cellular constituents (Fr) 26765

in fresh & preserved food, field equip. (Rus) 10890

polarimetric method (It) 333

potentiometric & amperometric titrations 4557

***effects***

inhib. of eff. of epinephrine in cats (Ger) 3435

on acid-base equilibrium & blood cholesterol in arteriosclerosis & hypertension (Rus) 33243

on brain metab. in rabbits under narcosis (Fr) 15109

on capillary resist., admin. with various vitamin P factors in guinea pigs (Fr) 32921

on disturbances of cerebral metab. induced by prolonged admin. of LSD in rabbits (Fr) 15122

on exper. arteriosclerosis (Cz) 2740

on exper. uveitis, with hesperidin phosphate & 2-trimethylacetoxy-acetophenone in rabbits (It) 13943

on fetal brain develop. in guinea pig 49625

on hyperglycemia induced by epinephrine (Tur) 55085

on musc. action potentials in normal subjects (It) 37367

on pantothenic acid defic., mediation of intestinal flora, review 20021

on pentobarbital-depressed CNS metab., review 8344

on pharmacol. properties of phenylbutazone salts (It) 49416

on proline conversion to hydroxyproline in synthesis of collagen in guinea pigs bearing carrageenan granuloma 40551

on succinic dehydrogenase metab. in various organs (Rus) 49435

on tetracycline levels in blood 41037

on thyrotropic hormone response of hypophysectomized rats exposed to cold 14613

prev. of cerebral metab. changes induced by lysergic acid diethylamide poisoning in rabbits, with adenylpyrophosphate (Fr) 26662

protective eff. on thyroid histol. & funct. in vitamin B1 defic., in rats (Fr) 26790

vitamin C oxidation on sulfate incorporation into rib cartilage slices from calf 17333

vitamin C-procaine-vitamin B complex on senescence (Ger) 3305

***in blood***

determ. in tuberculotics during chemobiotic ther. (It) 333

in adrenal venous blood as assay of minute amounts of ACTH after intravenous inject. 39199

in normal & leukemic blood 13715

in normal pregn. & in pre-eclamptic toxemia, determ. 40103

in pulm. tuberc. patients, eff. of admin. of antibiotics (Rus) 33363

***in urine***

eff. of tetrahydronaphthylamine on excretion in rats (It) 37402

eff. of x-rays (Rus) 33567

***metabolism***

adrenal cortex, eff. of Vishevskii's procaine block (Cz) 38137

adrenals, dissociation from corticosterone response to stress in rats with hypothalamic lesions 18590

adrenals, eff. of cortisone & thyroid hormones on content in normal & hypophysectomized rats (Ger) 34012

adrenal glands, depletion of vitamin C in manipulated inf. rats responding to cold stress 44970

adrenal glands, eff. of ethyl alcohol in lysine-, nicotinic acid- & tryptophan-defic. rats 44284

adrenals in hypothermia, eff. of ACTH in rat (Fr) 36617

adrenal levels, eff. of ACTH admin. in chicks 1639

biosynthesis by enzyme system from goat liver, eff. of cyanides 25876

biosynthesis, species differences 7159

blood & gastric juice, comparison & relation to urinary uropepsinogen (Sp) 20626

content in various organs of rats treated with tetrahydronaphthylamine (It) 37401

copper-catalyzed oxidation, kinetics of inhib. by edathamil & proteins (Fr) 39248

dietary intake, urinary excretion & blood levels in women of various ages 17820

eff. of pantothenic acid defic. on total vitamin C in pregn. rats (Fr) 15100

epidermis, amount in normal cond. 50642

in institutionalized ment. defective women 608

in normal dogs & after intravenous admin. of vitamin C (Tur) 45434

in peptic ulcer (Rus) 41366

in potato tumors (Rus) 1733

in tuberc. in pregn. & lactation (Rus) 31204

oxidation by tyrosinase, eff. of monophenols (Fr) 38667

oxygen consumption & oxygen prod. during oxidation by chloroplasts, eff. of 2,6-dichlorophenolindophenol 1358

plants, possible role as intermediate in carbohydrate metab. 47955

protein oxidation by vitamin C-ferrous ion-oxygen system (Fr) 15130

relation to blood alkaline phosphatase (Rus) 55295

relation to vitamin B12 metab. 38626

requirement in child. (Rus) 22677

retention induced by insulin ther. of diabetic child. & adolescents with subsequent decrease in dent. caries (Ger) 40187

review 1259

role as electron carrier in oxidative phosphorylation in photosynthesis 47933

synthesis by liver extracts of vitamin E-defic. rats & rabbits, manganese & cobalt ion requirements 28233

synthesis in mung beans & role of condensation of glucose with acetoacetate 31466

tonsils, possible immunol. significance (It) 30347

utilization by humans 50158

utilization, eff. of decreased allottment in preschool age child. (Rus) 7931

utilization, relation to calories & essential amino acids in exper. diet in humans 16557

***related compounds***

ascorbic palmitate in skin dis. (Fr) 37865

dehydroascorbic acid, eff. on metab. in Jensen sarcoma, Walker carcinoma & Ehrlich ascites tumor in rats & mice (Ger) 55536

vitamin C palmitate, hydrolysis by various esterases (Fr) 24907

***therapeutic use***

acne, with hesperidin 43332

adjuvant to PAS with ACTH in pulm. tuberc. (Hun) 10585

citrus bio-flavonoid in regional ileitis 539

dysentery, bacillary (Rus) 32898

eye burns caused by potassium permanganate, with complexon (Ger) 28901

fatigue, prev., Donaggio test of efficacy & mechanism of action (Fr) 14382

hemorrhoids, with kallikren & vitamin P (Fr) 3713

hepatitis, infect., large doses (Ger) 23968

in insulin shock ther. of schizophrenia (Ser) 30092

in nocturnal leg cramps, easy bruisability & epistaxis in menopausal patients, with hesperidin 49002

influenza with vitamin P, comparison with tetracycline & acetylsalicylic acid 1283

Ménière's dis., vitamin C-vitamin P prep. with low salt diet 3530

nausea & vomiting in pregn., with meradione (Fr) 22465

otorhinolaryngol. dis. (Ger) 22893

postop. circ. disord., with phenylpyrrolidinopentane & vitamin B complex (Ger) 42361

pruritus, with procaine 6527

rhinitis, with naphazoline (Fr) 44682

skin & lung manifest. of sarcoidosis (Fr) 2417

vitamin C- vitamin B complex- procaine prep. in presbycusis (Ger) 18920

with hesperidin, indic., review (Sp) 6576

***VITAMIN C DEFICIENCY see*** SCURVY

## VITAMIN D

***see also*** DIHYDROTACHYSTEROL 53259

5-cholestene-7-one-3β, 10-diol, antirachitic action, review (Fr) 28060

ergosterol photoisomerization by ultraviolet rays (Ger) 49887

requirements & mode of action (Ger) 28073

***determination***

bioassay by x-ray evaluation of prophylactic effectiveness in rachitic animals, suitability of various methods for entering in 7th edition of German Pharmacopeia (Ger) 53098

chromatographic separation of vitamins D 30618

content of fish lipids, nutritional value 8273

in irradiated yeast & oily solutions of irradiated ergosterol, rapid separation of impurities interfering with chem. determ. (Ger) 38063

in pastures & hays 37597

in presence of vitamin A, chromatographic method (It) 31715

photometric determ. in presence of vitamin A 40347

***effects***

D2 on calcium deposition in bones in normal & rachitic rats (Ger) 16375

D2 on calcium metab. of bones in normal, fluorine-treated & rachitic rats (Ger) 28066

D3 on epiphyseal histol. in rachitic rats (Ger) 30612

length of eff. in child. (Ger) 42872

on absorp. of calcium & phosphorus in Fanconi's rachitic synd. 39729

on beryllium rickets of the rat incisor 20157

on bone structure & composition changes caused by dietary excess or defic. in calcium in rats (Fr) 48814

on calcium absorp. & retention & on bone develop. in rats on calcium-defic. diet (Fr) 48820

on calcium & magnesium metab. in milk-fed calves 13723

on calcium content of umbilical cord (Fr) 47358

on calcium retention in young rats after oral & parenteral admin. (Fr) 48037

on conditioned reflex activity (Rus) 49540

on dent. manifest. of exper. rickets, pathol. & anat. aspects (Ger) 28075

prev. of dent. caries in rats (Ger) 28072

***in blood***

mode of transport 33051

***injurious effects***

hypercalcemia in hypervitaminosis (Ger) 46111

***metabolism***

disord., relation to idiopathic hypercalcemia in inf. 30130

form. in isolated human skin upon ultraviolet irradiation, determ. of maximum amount formed per unit area (Ger) 46578

in lupus, eff. of ultraviolet irradiation by Finsen's method on form. 23711

relation to Krebs cycle (It) 16373

review 1261

***poisoning***

in 10 year old child, case report (Fr) 25470

***preparation of***

aqueous solutions for inject. with tween substances (Ger) 47683

***related compounds***

calcinosis factors, ther. of hypoparathyroidism (Ger) 11216

dihydro deriv. of vitamin D2, synthesis (Fr) 38669

vitamin D3 & 7-dehydrocholesterol phosphates, actions of alkaline phosphatases (Ger) 27884

***therapeutic use***

compl., hyperparathyroidism, prev. (Sw) 43193

D2 & D3 in parathyroid insuff. (Ger) 49049

D2 in cutaneous tuberc., eff. on blood proteins (Pol) 44183

D2 in dermatitis herpetiformis & pityriasis rosea 13670

D2 in hypoparathyroidism 50432

D2 in lichen planus & alopecias (Fr) 37890

D2, tuberc. peritonitis, with antibact. prep. (Rus) 31202

D2 with N-(4-hydroxy-3-methoxy) benzal isonicotinic acid hydrazone in cutaneous tuberc. in child. (Rus) 9862

7-dehydrocholesterol in inf. toxicoses (Ger) 11052

effectiveness & tolerance, variations in child. (Ger) 30084

osteomalacia (Fr) 28078

osteomalacia caused by renal phosphate reabsorp. disord. 12357

prev. & ther. of rickets, pediatric significance (Ger) 28077

prev. of dent. caries, influence on enamel structure (Ger) 28071

prev. of rickets by admin. during pregn. (Ger) 28076

***toxicity***

(Ger) 28074

***VITAMIN D DEFICIENCY see*** OSTEOMALACIA

***VITAMIN D DEFICIENCY see*** RICKETS

## VITAMIN DEFICIENCIES

in Amer. diet 49377

***complications***

coronary arteriosclerosis, review 55289

***experimental***

anterior horn motor cell degen. induced in guinea pig by vitamin defic. 24078

eff. of desoxycorticosterone, testosterone, estrone & progesterone on metab. of creatine, in rats (It) 25648

eff. on salivary gland morphol. in guinea pigs & relation to pathogen. interpretation of Sjoegren synd. (It) 13498

***manifestations***

brown forehead ring (Fr) 24806

## VITAMIN E 53267

eff. of pelletizing animal feed on vitamin E content 4623

in unicellular green algae Scenedesmus obliquus (Ger) 34236

in various organs of normal swine & in porcine hepatosis dietetica & wax-like degen. of skeletal musc. (Ger) 28064

role as cofactor for mammalian diphosphopyridine nucleotide cytochrome c reductase 4746

separation of alpha, beta, gamma & delta tocopherols by chromatography (It) 31703

$\gamma_1$-tocopherol, biol. potency 19698

α-tocopherylquinone relation to ubiquinone 1711

vitamin E-like activity of 4-butyoxy-4'dimethylaminothiocarbanilide in rats (Sp) 53362

vitaminic properties of α-tocopherols (Ger) 40186

***antagonists***

bis-(o-cresyl) succinate, failure to produce inhib. (Ger) 28053

phenolic esters & guaiacol acetate, attempted demonstration in rats (Ger) 16383

***effects***

on glycogenesis & glycolysis in isolated rat diaphragm 18159

on succinate oxidation in rat liver mitochondria 40568

on white musc. dis. in ewes 21707

protection of liver against damage by barbiturate anesth., in dogs (It) 11835

reversal of resp. decline in necrotic liver degen. in rats 20760

d, l-α-tocopherol acetate on creatinuria in aged rats (Ger) 27571

vitamin E-vitamin B6-sitosterol-unsaturated fatty acid prep. on excess blood cholesterol in patients with previous myocardial infarct 24435

***in blood***

determ., rapid colorimetric method for tocopherol & tocopheryl acetate 28052

relation between vitamin E in free & acetate form after parenteral admin. of tocopherol acetate 28055

tocopherols in pregn. in cattle (Fr) 26920

***metabolism***

eff. of molybdenum in rats 4175

in inf. (Cz) 14854

in newborn (Cz) 14853

interactions with amino acids & proteins, mechanism of binding 1392

relation between vitamin E, cholesterol steroids & cancer 46761

review 1261

α-tocopherol, metab. pathway in atherosclerosis, isotope study 48523

***preparation of***

aqueous solutions for inject. with tween substances (Ger) 47683

***therapeutic use***

in gyn. & obst., review (Pol) 53145

intermittent claudication 18351

osteoarthritis, as ther. coadjuvant (Por) 16134

peripheral vasc. dis., determ. of eff. with neomyography & myotonometry (Ger) 11221

post-gastrectomy edematigenous defic. synd., with potassium orotate (It) 25631

prev. of abnorm. 49491

scleroderma in newborn (Ger) 55735

skin dis. (Rus) 55198

spermatogenesis disord. (Ger) 40182

threatened abortion (Rus) 9900

α-tocopherols in chronic phlebitis & post-phlebitic synd. 48503

vitamin A & E prep. in deafness (Ger) 53257

vitamin E-embryonal extract-methylandrostenediol prep. in senility (It) 8051

## VITAMIN E DEFICIENCY

***experimental***

acceleration by feeding Torula yeast ash & lipid to chicks 31368

causing congen. abnorm. in offspring, eff. of estrone & progesterone on incidence in rats 49267

eff. of N, N'-diphenyl-p-phenylenediamine in rats & rabbits 44138

eff. of linoleic & linolenic acids on exudative diathesis & encephalomalacia of vitamin E defic. in chicks 19525

eff. of various necrosis-preventing factors on hemolysis in defic. rats & chicks 5552

eff. of steroid hormones on skeletal musc. in defic. rabbits 40537

eff. on genital funct., in female guinea pigs 23625

eff. on incorporation of radio-phosphorus into organic phosphates of anterior pituitary gland, in guinea pigs 23826

eff. on liver, skeletal musc. & erythrocyte glutathione levels in rabbit 28262

histopathol. of musc. dystrophy in hamsters 46892

inducing increased auto-oxidation of lipids & increased ceroid form. in rats (Sp) 9669

induction & characterization in piglets 17810

kidney pathol. in rats 5536

metab. eff. in rabbits 6748

prod. (Pol) 24064

prod. of exudative diathesis without polyenoic fatty acids in chicks 3473

vitamin C synthesis by liver extracts of vitamin E-defic. rats & rabbits, manganese & cobalt ion requirements 28233

***in infant and child***

in cystic fibrosis of pancreas, determ. of ceroid pigment in smooth musc. of gastrointestinal system & morphol. changes of striated musc. 7871

in cystic fibrosis of pancreas, review 43280

prev. in newborn inf. by maternal inject. of tocopherol during labor (Sp) 8878

***metabolism***

creatine, eff. of dietary intake of hydrosoluble vitamins on creatinuria, in rats (It) 1529

## VITAMIN F

24396

24398

chem. & eff. of defic. on skin histol., review 14197

dietary significance 24389

eff. of conjugated isomers of dienoic & trienoic fatty acids in rat 50958

relation to atherosclerosis 24390

***deficiency***

changes in tissue lipids & tissue histol. in rats 24388

dietary essential fatty acids, relation to coronary dis. & idiopathic hypercalcemia of inf., review 14198

eff. on endocrine glands in rats (It) 1876

exper. induction in adult rats 28574

polyenoic acid content in testes & heart as indic. of vitamin F defic. in rats 17817

relation to coronary dis. & idiopathic hypercalcemia of inf., review 14198

role in parakeratosis in swine 12753

***effects***

hypocholesteremic prep. arcofac on blood cholesterol in ment. disord. in aged, postprandial admin. 39150

linolenic acid on exudative diathesis & encephalomalacia of vitamin E defic. in chicks 19525

***metabolism***

6263

***VITAMIN H*** *see* BIOTIN

## VITAMIN K

53268

analogs, eff. on M. tuberc. bovis in vitro (Por) 8778

chem. & biochem., review (Fr) 53555

***effects***

bacteriostatic & mycostatic eff. 32961 (Ger)

K1 & its deriv., counteracting eff. against drug-induced hypoprothrombinemia in dogs 37224

mechanism of action (Ger) 15428

menadiol tetrasodiumdiphosphate induction of form. of inner bodies, eff. of 3-hydroxy-anthranilic acid & tryptophan in mice (Ger) 39913

menadiol tetrasodium diphosphate on erythrocyte degen. & regen. in premature inf. & on glucuronide form. in rat liver slices (Ger) 21621

menadiol tetrasodiumphosphate inhib. of bilirubin conjugation in vitro 31337

menadiol tetrasodiumphosphate on delayed gastric emptying caused by whole body irradiation in rat, comparison with normal rat 14124

menadione reduction of pp'-diphenyl-bis-2-(3, 5-diphenyl) tetrazolium chloride 52372

on capillary resist., admin. with various vitamin P factors in guinea pigs (Fr) 32921

on prothrombin, proconvertin & fibrinogen levels in maternal blood during labor & umbilical cord blood at term 52826

on prothrombin time in liver funct. tests, review (It) 36798

36799

on radiosensitivity of mouse mammary carcinoma 17624

on reduced coenzyme I oxidation, pathways of electron transport 21683

on Stuart-Prower factor defic. in newborn 49316

***injurious effects***

jaundice in newborn caused by admin. of vitamin K to mothers in labor 52827

kernicterus after maternal ther. 35768

side-eff. in newborn inf. (Ger) 34113

to premature inf., comparison of water-soluble with fat-soluble prep. (Ger) 47644

***metabolism***

review 1261

***preparation of***

aqueous solutions for inject. with tween substances (Ger) 47683

***therapeutic use***

(Fr) 10044

hemorrh. prev. in surg. of extrahepatic dis. in jaundice & other liver dis. (Rus) 33195

K1 in gastrointestinal disord. (Fr) 54479

K 1 in hypoprothrombinemia in liver cirrhosis (Fr) 50770

menadione-vitamin C prep. in nausea & vomiting in pregn. (Fr) 22465

metrorrhagia, with blood transfusion (Rus) 12129

## VITAMIN K DEFICIENCY

***blood in***

depression of prothrombin, factor VII & Stuart factor, chem. & metab. relation of coagulation factors 11617

***VITAMIN M*** *see* FOLIC ACID

## VITAMIN P

estrogenic activity of bioflavonoids (Af) 54503

hesperidin phosphate, on immunizing activity of staphylococcic anatoxin in rabbits (Fr) 48853

rutin biosynthesis in buckwheat Fagopyrum esculentum, eff. of gibberellic acid 40379

***effects***

hesperidin phosphate on exper. uveitis, with 2-trimethylacetoxy-acetophenone & vitamin C in rabbits (It) 13943

hesperidin phosphate, on fertility of white rats (Ger) 25214

lemon & orange bioflavonoid complexes, protective eff. against acute tox. of intraperitoneal ephedrine & intramusc. epinephrine in rats 40349

on capillary resist., admin. with vitamin C or vitamin K in guinea pigs (Fr) 32921

on cholesterol metab. in rabbits (Rus) 33630

***therapeutic use***

citrus bio-flavonoid in regional ileitis 539

citrus vitamin P in diabetic retinopathy 48429

cycloven in vasc. congestion compl. fract. & wds. healing (Ger) 19410

glaucoma, results (Rus) 33362

hesperidin in acne, with vitamin C 43332

hesperidin in nocturnal leg cramps easy bruisability & epistaxis in menopausal patients, with vitamin C 49003

hesperidin phosphate in rheum., evaluation (Ger) 11288

hesperidin with vitamin C, indic., review (Sp) 6576

influenza, with vitamin C, comparison with tetracycline & acetylsalicylic acid 1283

khellicor in coronary insuff. (Ger) 19391

Ménière's dis., vitamin C-vitamin P prep. with low salt diet 3530

peptic ulcer, antacid-belladonna-phenobarbital-vitamin P prep. neutrone (It) 21457

rutin-Aesculus hippocastanum extract-vitamin B1 prep. in brain inj. (Ger) 45406

rutin in hemorrhoids, with kallikren & vitamin C (Fr) 3713

## VITAMIN T

***therapeutic use***

anorexia & nutrition disord. in inf. & child., with molybdenum & vitamin B12 (Sp) 21143

loss of appetite with growth disord. in child., magnesium molybdate-vitamin B12-vitamin T prep. (Sp) 39973

## VITAMINS

biochem. & ther. use (Rus) 32540

enrichment of foods for better nutrition 16386

in human milk, relation to maternal socioecon. status 41261

in soil & oats, eff. of Azotobacter (Rus) 19106

nutritional importance, research progr. 50152

physiol. role 12345

review 18698

thioctic acid, essential factor in pyruvic acid catabolism, mechanism (Fr) 37784

thioctic acid reversible oxidation of reduced coenzyme I, reactions mechanisms with α-ketoglutaric dehydrogenase from hog heart as catalyst 40565

vitamin prep. as dietary supplements & ther. agents, AMA council report 40283

***antagonists***

33127

phenolic esters (Ger) 28068

***deficiency see*** VITAMIN DEFICIENCIES

***determination***

α-lipoic acid polarography 1697

***effects***

activity in chicks after exposure to gamma radiations in dry mixtures & solutions 5553

excess in chicken's diet on content in eggs (Fr) 25519

hydrosoluble vitamins in diet, eff. on creatinuria in vitamin E defic., in rats (It) 1529

α-lipoic acid, anticholesterol activity in rabbits 7181

α-lipoic acid on biliary stasis in rabbit (It) 51988

α-lipoic acid on blood alkaline reserve of rabbits & on exper. pyruvate pois., comparison with glutathione (Fr) 38647

α-lipoic acid on blood amino acid level after glycine loading in normals & in liver dis. patients (It) 36721

α-lipoic acid on blood prothrombin activity in acute viral hepatitis (It) 13946

α-lipoic acid on blood prothrombin activity in normal subjects (It) 13947

α-lipoic acid on blood pyruvic acid level (Ger) 12064

lipoic acid on Mycobact. (It) 54238

α-lipoic acid restoration of pyruvate oxidase activity in rat heart sarcosomes after inhib. by 7-(p-arsenosophenyl)-n-butyrate 16893

on gonadal funct., review 55287

on lipid metab. in calf aorta in vitro 15012

on succinic dehydrogenase metab. (Rus) 39340
thioctic acid analogues, inhib. of growth of microorganisms 40452
thioctic acid analogues on acetate generation or transfer in bact. enzyme systems 40453
thioctic acid on exper. emetine pois. in rabbits (It) 33755
thioctic acid on nerves, chronaxymetric comparison with stigmasterol & vitamin BT in rats (Fr) 38659
thioctic acid, reduction of blood sugar in normal child. (It) 42762
vitamin U-containing dry extracts of cabbage on intestines (Ger) 39944
vitamin U on histol. of peptic ulcer in dogs (Rus) 41620
water-soluble vitamins on liver funct., comparison (Rus) 33340
water-soluble vitamins on liver funct. in various dis., mechanism of action (Rus) 33341

***injurious effects***

multivitamin prep. masking pernicious anemia, case report 52599

***metabolism***

eff. of sorbitol in rats (Ger) 41751
fat-soluble vitamins, review 1261
in infantile atrophy, clin. studies & review 23746
lipoic acid, review 1260
requirements of lactic acid bact. from ciders 25139
thioctic acid, liberation from protein-binding by enzyme from Saccharomyces cerevisae 40562
thioctic acid, role in α-ketoglutaric dehydrogenase oxidation mechanisms 40566
uterine fibroblasts of strain U1279, requirements & replacement by related cpds. 25410
water-soluble vitamins in mongoloids, intake & urinary excretion 34374
water-soluble vitamins, review 1258
1259
1260

***therapeutic use***

acute resp. infect. in child., with tetracycline 25128
hepatitis, infect., alone & with neostigmine (Ser) 21959
in cardiotrophother. in pregn. (It) 53681
indic. (Rus) 33339
multivitamin-lipotropic prep. gerobion in arteriosclerosis in aged (Ger) 32962
multivitamin prep., use & abuse 53269
multivitamin substitution in severe pulm. tuberc. (Ger) 25809
nutritional & pharmacol. value 9758
pediatric dis., review (Ger) 29415
pediatric infect., with tetracycline (It) 42799
prep. containing vitamin B12, C & PP with folic acid, in liver cirrhosis & evolutive hepatitis (It) 39598
prev. & ther. of compl. of alcoholism (Fr) 40181
prev. & ther. of senescence, indic. & results, review (It) 3893
prev. of cleft palate & harelip in offspring by supplemental maternal admin. 30658
skin dis. (Ger) 34047
skin dis., indic. (Fr) 28489
sterility, male (Por) 53933
thioctic acid, in chronic pulm. heart dis. (It) 29671
thioctic acid in rheum. arthritis, alone & with prednisolone (It) 31765
vitamin-amino acid prep. in alcoholic psychoses (Fr) 18560
vitamin U in peptic ulcer prev. (Ger) 4038
vitamin U ther. of peptic ulcer (Ger) 52221

## VITELLINE DUCTS

***abnormalities***

partial persistence causing intestinal obstruct. in 12-year child., case report (Fr) 6404
persistence, case reports (It) 2964

***neoplasms***

adenocarcinoma originating in remnants of omphalomesenteric canal (Por) 44444

## VITILIGO

***etiology and pathogenesis***

among So. India patients 17
glaucoma (Cz) 14833
monobenzone (Ger) 49838
relation to pruritus & local skin cond. 18

***in pregnancy***

breasts (Ger) 46281

***therapy***

furo[2,3-g]coumarin deriv. 11576
methoxsalen & sunlight, remote results 46394

## VITREOUS BODY

antibact. properties 46459
electrophoretic analysis in enucleated eyes 23863
hyaluronic acid content & pathol. changes 23867
self-sterilizing property of vitreous 81

***abnormalities***

familial vasc. veils in two brothers etiol. role of liver insuff. & coagulation disord. (It) 13935
persistent hyperplastic primary vitreous (Dut) 7346

***anatomy and histology***

histol. of normal vitreous (Fr) 13060
structural exam. of bovine eye with ultrasonic appar. 669

***diseases***

adhesion of hyaloid membrane to lens capsule, surg. problems in intracapsular cataract extraction 12438
asteroid hyalitis, relation to diabetes mellitus & hypercholesteremia 16575
filariasis (Ger) 51254

***embryology***

develop. (Dut) 7345

***foreign bodies***

copper splinters, electrolytic dissolution in isolated bovine vitreous body 2093
copper wire fragment, extraction through scleral incision (Rus) 45713

***hemorrhage***

massive vitreous hemorrh. with internal carotid aneurysm causing oculomotor nerve paralysis, case report (Fr) 26366

***metabolism***

hyaluronic acid, eff. of cortisone, thyroidectomy, thyroxin & thyrotropin in rabbits 11697

***pathology***

biomicroscopy (Fr) 14500

***physiology***

eff. of serum iron components on liquefaction of vitreous body in rabbits 667

## VOCAL CORDS

comparison between phonograms & glottograms (Fr) 36155
postop. vibration of left cord after right chordectomy, laryngostroboscopy (Fr) 54024

***anatomy and histology***

fibers of thyreo-arytenoid musc. (Ger) 33924
labium vocale, elastic mechanism (Ger) 22815
mast cells, histochem. determ. (It) 42748
projection of vocal folds to thyroid cartilage (Rus) 10768

***diseases***

nodules & ulcers, causing funct. vocal disord. in executives 2943

***innervation***

sensitive nerve endings, histol. aspects (Ger) 47665

***neoplasms***

early forms (Ger) 42880
glottic, supraglottic & vocal cord carcinoma, incidence & results of radiother. & surg. 36274
myoblastoma, surg. (Ger) 55640

***paralysis***

complete bilateral paralysis after strumectomy, case report (Ger) 27741
post-thyroidectomy, case reports 8009
review (Ger) 27472

***physiology***

electrical activity of vocal cord musc. in dogs, electromyographic study (It) 36740
electromyography 20537
Husson's neuro-chronaxic theory, electromyographic evaluation 30959
inferior, in recur. nerve paralysis (Ger) 19325
vibration of cords without emission of sound, mechanism (Fr) 38741

## VOCATIONAL GUIDANCE

comprehensive vocation & educ. guidance for child. (Sp) 8829
determ. of employment suitability 51117
effectiveness of National Institute of Indust. Psychol. program 16814
of youth in Morocco, relation to educational program (Fr) 6367
relation to med. exam. in child. (Fin) 27290

***VOCATIONS see*** **INDUSTRY AND OCCUPATIONS**

## VOICE

***see also*** **HOARSENESS**

***see also*** **PHONETICS**

acoustic characteristics, eff. of subglottic pressure changes due to the cardiopneumatic phenomenon (It) 36775
aphonia, funct., with diencephalic symptoms (Fr) 54020
aphonia, hysterical, relation to cortical dysfunct. 1196
behavior of over-tones in acoustical elimination of laryngeal ventricle (Ger) 27473
breakdown, in aging singers, causes & prev. 1185
disord., caused by laryngeal asymmetry, surg., medioposition of vocal cord 49605
disord., eff. on pitch & loudness discrimination 18091
disord., essential ther. phases of specific laryngeal musc. dysfunct. 34935
fatigue, hoarseness & other funct. vocal disord. in executives, etiol., ther. & case reports 2943
glottal sound source 5832
harsh voice quality in relation to abrupt initiation of vowels 20663
myoelastic-aerodynamic theory of voice prod. 5843
nature of vibrato & control loop in singing 53409
optimum pitch level 5833
paralytic dysphonia caused by unilateral recur. nerve paralysis, vocal rehabil. 110
phonation as dynamic process, variations of vibratory pattern in normal larynx 49607
phonation, physiol. & relation to language form. & develop. (Sp) 9722
rest in ther. of laryngeal dis. 1194
rhinolalia aperta caused by surg. in rhinolalia clausa (Rus) 10773
self-regulation of loudness (Ger) 27475
variables affecting perceived harshness 5837
vocal fatigue & concomitant phenomena (Sp) 3673
vocal rehabil. of laryngectomized patients 1198 1199 1200 1201 8010

***VOICE COMMUNICATIONS see*** **HUMAN ENGINEERING**

## VOLKMANN'S CONTRACTURE

review (Pol) 43694

***VOLVULUS see*** **INTESTINAL OBSTRUCTION**

***VOMER see*** **NASAL SEPTUM**

## VOMITING

***see also*** **HEMATEMESIS**

***see also*** **NAUSEA**

anti-emetic properties of ortho-chloro-procaine amide (Fr) 41333

***case reports***

Mallory-Weiss synd. 14658
Mallory-Weiss synd., recovery after total gastrectomy 2140

***complications***

esophageal rupt., x-ray diag. 8573

***etiology and pathogenesis***

anesth., cardiac sphincter exper. in cats & dogs 37954
intermittent torsion of stomach (It) 42764
uremia, pathogen. mechanisms (It) 54219

***experimental***

emetic eff. of reserpine in pigeons (Fr) 13453

***in infant and child***

blood sugar levels in cyclic vomiting 286
37708
caused by esophagitis due to reflux, with fatal hemorrh., in inf. 29741
fluid ther., review 52998
ther., prochlorperazine, side-eff. 163

***in pregnancy***

hyperemesis, blood protein picture (It) 21479
hyperemesis, eff. of cocarboxylase on blood pyruvic acid content (Ger) 24851
hyperemesis gravidarum (Ger) 43844
hyperemesis, ther., chlorpromazine & promazine (Ger) 10304
hyperemesis, ther., liver extract (Ger) 55405
hyperemesis, with acute yellow atrophy 17547
severe (Fr) 9665
ther., buclizine-belladonna alkaloid-vitamin B6 prep. 10997
ther., chlorpromazine (Pol) 27587
ther., dicyclomine-doxylamine succinate-vitamin B6 prep. 4317
ther., menadione-vitamin C prep. (Fr) 22465
ther., meprobamate (Fr) 8143
ther., perphenazine, causing acute dystonia 48286
ther., perphenazine suppositories 47014
ther., prochlorperazine (It) 29623

***physiology***

mechanism of fluid & electrolyte loss in vomiting & application to ther. of dehydration 24609
physiopathol., review 12285

***prevention and control***

α-(p-chlorophenyl)-α-methyl-benzoyl-N,N-dimethylethylamine + 8-chlorotheophylline caffeine prep., control of postop. vomiting (Ger) 23195
chlorpromazine, prochlorperazine & perphenazine as anti-emetics in cataract surg. 47060
cyclizine in postop. prev. in cataract extraction 12971
postop. in tonsillectomy, prev. with cortisone (Ger) 19324
rodavan in postop. & postconcussional vomiting (Ger) 42318

***therapy***

(It) 26631
8-acetyl-10-(3-dimethylamino-propyl)-phenothiazine, anti-emetic eff. in surg. (Sw) 45325
anti-emetics in motion sickness (Fr) 44154
antihistaminics (Ger) 42307
during anesth., management 14573
meclizine with oxalic acid in control of postop. vomiting (Ger) 35951
perphenazine in postanesth. vomiting & retching 35981

***VON GIERKE'S DISEASE see*** **GLYCOGENOSIS**

## VULVA

***see also*** **BARTHOLIN'S GLANDS**

***see also*** **CLITORIS**

failure to produce vibrio infect. in cattle by vulvar exposure 48976

***diseases***

edema, severe, during pregn. (It) 29631
elephantiasis, case report (Ger) 38019

kraurosis & leukoplakia, ther., topical testosterone progionate 12390
kraurosis, familial papillomatous bucco-genital leukoplakia, case report (Fr) 37856
moniliasis, incidence, clin. features & ther. (Ger) 21622
pruritus 46059
pruritus, surg., Horn's operation (Hun) 51424
pruritus, ther. 40290
pruritus, ther. (It) 26617
pruritus, ther., crotamiton (Por) 8769
pruritus, ther., local & sympt. (Fr) 3710
vulvovaginitis, nongonorrheal, remote results of combined ther. (Rus) 55205
white lesions, classif., differ. diag. & ther. 20063

*innervation*

microscopy of nerves 20060

*neoplasms*

38605
case reports (Fr) 3015
clin. statist. 26383
epidermoid carcinoma & leukoplakia, glycogen content of vulval epidermis, histochem. 46994
epidermoid carcinoma in situ 20064
epithelioma, glycogen content of tumor cells (It) 42568
epithelioma, spino-cellular of labium majus after use of tar pomade for pruritus (It) 6826
in pregn., case report 3942
melanoma, case reports 20084
metastatic from hypernephroma (Ger) 33953
myoblastoma 46993
neurilemmoma (It) 33380
Paget's dis. 20065
Paget's dis. (Ger) 49005
Paget's dis., histopathol. comparisons with Paget's dis. of breast (Ger) 15978
primary carcinoma, radium, x-ray & electrocoagulation ther. & surg., statist. 36018
syringocystadenoma, case report (It) 54258
ther., androgens, intratumoral inject. (Ger) 34588
unusual tumors, case reports 43303

VULVITIS

infect. pustular vulvovaginitis of cattle, review 15243

*etiology and pathogenesi*

typhoid fever causing vulvovaginitis, case reports 28986

*therapy*

estrogen-antibact. suppositories in atrophic vulvovaginitis 3775
hexetidine 6990
vulvovaginitis, ther., chlorquinaldol (Dut) 43022
vulvovaginitis, ther., furazolidone- anti-5-nitro-2-furaldoxime prep. 35759

WAR

*see also* ATOMIC WARFARE
*see also* BIOLOGICAL WARFARE
*see also* CHEMICAL WARFARE
*see also* CIVIL DEFENSE
*see also* NEUROSES, WAR
*see also* PRISONERS OF WAR
*see also* PSYCHOLOGICAL WARFARE

management of casualties in inhabited places, organiz. problems (Ser) 33643
med. preparedness 4479
organiz. of mass care for burned (Rus) 22614
physician's role in prev. of war 11083
responsibilities of civilian physicians during war 17467
role of Pope Pius XII in organized action to aid Jewish victims of Nazism & Fascism 49952
soc. aspects (Sw) 32981
war food shortages, relation to incidence of diabetes mellitus in Japan, review 7564
war-time infect. hepatitis epidemics (Ger) 19064
women-warriors (Ser) 10918

*WARBURG'S RESPIRATION ENZYME see* OXIDASES

*WARFARIN see* COUMARIN, *related compounds*

*WARTS see* VERRUCA

WASSERMANN REACTION

compound complement (Pol) 29514
fractionation of Wassermann reagins & Treponema immobilization antibodies, electrophoretic comparison 23963
in Turkey, decrease of positive reactions during last 27 years (Tur) 55086
Kolmer modification, improved method to facilitate readings 35658
new technic with use of small amount of peripheral blood (Ger) 55697

WATER

*see also* MINERAL WATER

chem. & biol. role (Rus) 47995
deprivation in man, eff. on taste sensitivity 19484
distilled for pharmaceutic use, bacteriol. contamination (Sw) 54793
distilled water causing destruction of mast cells in rats 39249
eff. of calcium-treated sea water on caudal regen. of marine worm Nereis diversicolor (Fr) 26701
eff. of fresh water on sucking-fish previously in sea water (Fr) 26668
eff. of residual water on survival of dried bact. during storage 40854
fluorescence of adsorbed water 7226
importance in promoting bact. multiplication on cornified epithelium 5217
in collagen cytostructure, x-ray diffraction (Rus) 25905
ingestion, eff. of potassium chloride-sodium chloride overload in intact & partially nephrectomized rats (Sp) 8986
of high purity, prep. with ion exchange resins 52291
rainwater radioactivity, measurement in Switz. (Ger) 29782
requirements 6427
requirements of cattle in hot climates 8278
requirements of men working in temperate, hot & cold climate 8277
specific taste of water, physiol. factors 52425
value of drinking a pint of water in establishment of proper bowel funct. 39560
water intoxication after tap-water enemas, in child., relation to dilated & atonic intestine 23513
water intoxication, physiopathol. (Ger) 27829

*metabolism*

abnorm. storage causing premenstrual tension 22580
absorp. by stomach in dogs (Fr) 1448
corneal hydration in fresh water fish, electrophysiol. (Cz) 14825
corneal transport measured with tritiated water in vivo & in vitro 47042
determ. of total body water in growing domestic fowl by antipyrine dilution technic 44135
disord. in severe chronic malnutrition in Mexican preschool child. (Sp) 48079
eff. of chlorpromazine on elimination after water overload, in rats (It) 42794
eff. of hydration on post-exercise Courtice-Douglas ketosis 20912
eff. of methylparafynol in rats, mechanism & role of hypothalamus 28622
eff. of pituitrin on water transfer across wall of isolated bladder of toad 17224
eff. of stress in castrated male pigs (Fr) 32017
eff. of vasopressin & epinephrine in toad during & after metamorphosis (Fr) 5762
funct. of tonsils (Fr) 47471
hydration of crystalline lens in vitro under various exper. conditions 43352
hydration of rabbit lens, eff. of methylene blue & other dyes 47039
hydrogen & oxygen turnover rates in body water of mice, measurement by deuterium oxide 35821
hydrophilia of orbital connective tissue in exper. exophthalmos 47038
in camel (Rus) 49541
in epilepsy, changes during convulsive crises (It) 1969
in exper. renal infarction, comparison with enzyme activity, histochem. (Ger) 25813
in hypertension (It) 1970
in pregn., role of connective tissue (Ger) 7096
intestinal transfer in vitro, eff. of phlorhizin 51080
phase distribution in small samples of skeletal musc., determ. 15055
relation to collagen structure 52410
removal of body water by artif. kidney 5915
renal excretion (Sp) 21040
resorption in kidneys during ureteral catheterization (Ger) 11333
skin, eff. of cortisone & estradiol 23992
small intestinal absorp. in partially gastrectomized dogs (Rus) 37170
total body water, review 32362
water-loading test in ment. disord. 46448

*microbiology*

bact. exam. with membrane filter cardboards soaked with nutrient media (Ger) 46229
eff. of chlortetracycline on microflora & microfauna of fresh water (It) 37465
Enterobacteriaceae, determ. by phage titer growth method (Rus) 55807
ocean microbial population at North Pole (Rus) 33161
Vibrio comma, luminescence microscopic detection (Rus) 55766

*WATER-ELECTROLYTE BALANCE see* BODY FLUID BALANCE

WATER POLLUTION

*see also* SEWAGE

by indust. wastes & sewage, in Alabama 41164
by radioactive materials, prev. & decontamination (It) 39696
by radioisotopes, plankton as index (Rus) 6650
by waterborne wastes from fermentation indust., serol. detection 52304
causing typhoid fever epidemic in Puerto Rico 37250
discharge of radioactive sewage into streams (Rus) 39609
fecal pollution of inshore water in Ghana 41459
in transm. of dysentery in W. Germany 47210
of Volkhov River in Volkhov area, eff. on pub. health (Rus) 33320
pollution & autopurification of Rhone river (Fr) 37777
radioactivity of water & bottom deposits of city ponds (Rus) 39599
river pollution in tidal waters 44858

WATER SUPPLY

*see also* FLUORIDATION

chem., relation to goiter endemicity in Russia (Rus) 53463
chemosynthesis in reservoirs (Rus) 19109
chlorine as disinfectant, mechanism of action (Rus) 49800
containing molluscs, purification system in Spain (Sp) 8957
dimethyl-p-nitrophenyl-thiophosphate, maximum permissible concentration in reservoirs (Rus) 49787
discharge of snow & rain water (Rus) 3832
emergency radiation monitoring of drinking water 27811
fluoride content, eff. on physiol. indices in adults (Rus) 3821
fluorine content in Belgium (Fr) 26195
fluorine determ. by spectrophotometry (It) 31719
hardness, importance for health (Ger) 39963
hist. of hyg. in Russia (Rus) 3825
in chem. indust. (Ser) 39709
in So. Carolina, sodium content of municipal water supplies 20653
integrated water resources, develop. & methods of use 35840
iodine & other chem. factors in indust. areas, relation to endemic goiter incidence (Rus) 53482
ion exchange method of prep. of potable water (Fr) 44758
maximum permissible amounts of natural uranium based on human exper. data 49855
maximum permissible concentration of pyridine, exper. in rats (Rus) 33319
normal salt levels in drinking water, physiol. basis (Ger) 28419
of Eolian Islands, Italy (It) 54245
organiz. in large cities (Ger) 7101
purification of cisterns of drinking water by eels, in Panisleria, hygienic aspects & resist. of eels to chlorine 53814
pyridine, determ. of maximum permissible concentration in reservoirs (Rus) 3804
radioactivity, control in Switz. (Ger) 14412
research needs in modern environment 44269
residual chlorine determ. (Rus) 45892
rural, in Gt. Brit., new develop. 44859
rural, Kansas program 50676
sanit. control. 26155
sanit. control (Rus) 55187
sanit. control of reservoirs in Russia (Rus) 49791
sanitary aspects (Fin) 10069
sources (Rus) 33505
subterranean supply prod. from uranium fission (Rus) 39598
synthetic fatty acids, determ. (Rus) 49786

*microbiology*

analysis of waters in oil fields (Rus) 19127
bact. counting using 2,3,5-triphenyltetrazolium salt in cast-plate procedure (Ger) 47653
chlorine-resist. organisms in supply system (Rus) 55809
coliform bact. detection with MacConkey broth & glutamic acid media, comparison 17397
coliform density tests, reliability of direct colony count & dilution methods & comparison with membrane filter technic 35842
contamination of mountain spring water by bact. from surface waters, near Vienna (Ger) 25262
Coxsackie & polio viruses, chlorine inactivation 12645
E. coli, atypical strains in drinking water (Ger) 25250
E. coli determ. by titration, unreliability in presence of streptoc. (Ger) 25244
E. coli, determ., technic (Fr) 54005
E. coli, disinfection with ultrasonics & antiseptics (Rus) 3803
E. coli, rapid identification, method (It) 16018
eff. of calcium carbonate precipitation (Rus) 33160
Enterobacteriaceae, isolation from river water (Ser) 39708
enterococci, test methods (Ger) 25263
hydromechanical testing appar. for bact. in water (Ger) 46246
nitrogen-fixing bact. in lakes (Rus) 19110
parasites & biocenosis (Pol) 33763
pathogen. bact. & virus, survival in drinking & surface waters (Ger) 34487
Shigella dysenteriae in polluted river water, epidemiol. significance (Rus) 49795
Shigella flexneri causing epidemic of bacillary dysentery (Cz) 14804
survival of Vibrio cholerae & other intestinal pathogens 17424
2,3,5-triphenyltetrazolium chloride culture media, failures in prep., causes & prev. (Ger) 25238
value of 2,3,5-triphenyltetrazolium chloride agar as medium for determ. of E. coli (Ger) 25223
water-borne typhoid fever in rural areas in Russia (Rus) 11497

yeasts in reservoirs (Rus) 19111

**WATERHOUSE-FRIDERICHSEN SYNDROME**
(Sp) 12009
*case reports*
with fatal septicemia caused by Clostridium perfringes following criminal abortion, medico-legal aspects (Fr) 47431
*in infant and child*
review & case reports (Sp) 46676

**WAXES**
arthroplasty with wax (Rus) 43384
carbowax 400, solvent for oil red O & Sudan IV in staining of carbowax-embedded & frozen sections 54586
resin-wax embedding medium for serial sectioning of textile fibers, plastic-, cellophane- & thin metal foils (Ger) 55615
*therapeutic use*
ceresin in gyn. dis., local admin. (Rus) 13138

**WEATHER**
*see also* CLIMATE
acidity of urban rain in Gt. Brit., relation to incidence of bronchitis 18388
artif., mixed fog, coalescence of saline droplets & dependence upon solution concentration & added surface active agents 40139
as releasing factor of acute glaucoma (Ger) 19043
biol. eff. of meteorol. factors, review (Rus) 3810
correlation of meteorol. cond. with content of pollen & spores in air 20538
eff. on outpatient ment. hyg. clinic intake activity, failure to demonstrate correlation 40744
eff. on polio. epidemiol. (Fr) 9097
eff. on ragweed pollen content of air 4399
meteorol. cond. during London fog of December, 1957, relation to morbidity & mortal.statist. 7034
meteorol. factors in peptic ulcer (Rum) 6595
relation to dis. incidence & death rate 6688
relation to sudden death in inf. (Ger) 13091
seasonal variation in antidiuretic action of brain & hypophysis in toad (Sp) 8982
*effects*
on anterior chamber hemorrh. after cataract extraction (Ger) 51263
on asthma (Ger) 12180
on body temp. changes in pulm. tuberc. in child. (Ger) 42374
on influenza epidemic in Berlin (Ger) 12091
on intensity of pain in rheumatic patients (Sp) 31807
on 17-ketosteroids in urine in tuberc. (Ger) 34354
on prothrombin time test (Ger) 27703
on rheum. (Ger) 29448
seasonal variations in oxidation of blood cholesterol by liver in guinea pigs & rats (Fr) 26693
seasonal variations in pulm. tuberc. (Bul) 32822
stormy weather, on suicide incidence (Ger) 27134

***WEBER-CHRISTIAN DISEASE see*** **PANNICULITIS**

***WECHSLER-BELLEVUE SCALE see*** **PSYCHOLOGICAL TESTS**

***WEEDS see*** **PLANTS**

**WEIGHTS AND MEASURES**
metric system replacing avoirdupois system of weights & measures in drug prep. 49660

**WEIL'S DISEASE** 32047
clin. bacteriol. & immunol. conf. 18930
diag. & etiol. (Fr) 18625
*blood in*
lipids & proteins, determ. (Sp) 53893
*transmission*
by rats in military barracks & camps (Dut) 29934
infect. rates in wild rats in Gt. Brit. 17396

**WELTMANN TEST**
comparison with electrophoresis for determ. of serum globulin 38518

***WERLHOF'S DISEASE see*** **PURPURA, THROMBOPENIC**

***WERNICKE'S ENCEPHALOPATHY see*** **VITAMIN B DEFICIENCY**

***WETTING AGENTS see*** **SURFACE-ACTIVE SUBSTANCES**

**WHEAT**
*see also* **FLOUR**
acute gliadin reaction in celiac dis., prev. & ther. (Ger) 38909
amylopectin & amylose form. in wheat kernel, radiocarbon study 2550
classif. of wheat & flour by Zeleny's sedimentation test, method (Sp) 31827
eff. of auxin on wheat coleoptiles in presence of nitrogen & cold 9553
flour causing celiac dis. in child. (Ger) 15411
gliadin, determ. of amino acid content (It) 20960
gliadin intolerance, role in pathogen. of sprue (Ger) 33910
gliadin tolerance test in celiac dis. in child. 13417
gluten-free diets 53299
gluten-gliadin free diet in ther. of non-tropical sprue 33053
induction of dent. caries in rat, response to lysine & mineral dietary supplements 17816
occurrence of gibberellin-like substance in wheat seedlings, demonstration by dwarf pea assay 7231
peroxidases from wheat germ, spectrophotometry 52390
phytase & transphosphorylase activity (Fr) 26315
sensitivity, relation to celiac dis. 6567
terminal oxidases in shoots (Pol) 23586

**WHEEL CHAIRS**
hinged-back wheel chair 8021

***WHO see*** **WORLD HEALTH ORGANIZATION**

**WHOOPING COUGH**
*case reports*
with pulm. involvement & pseudo-leukemic reaction in aged patient (Fr) 45014
*complications*
brain abscess (Pol) 7820
lung disord., morphol. (Rus) 33274
otitis media, etiol. relation of coughing (Cz) 14852
simultaneous Hemophilus pertussis & type 5 adenovirus infect. in young girl with cerebral compl. (Fr) 31077
spastic torticollis (It) 32126
tuberc., antibiotic-resist. of Hemophilus pertussis isolated during epidemic (Ger) 27861
*epidemiology*
parapertussis incidence in Denmark 23937
study by bacteriol. & clin. methods 28417
*experimental*
intratracheal infect. of mice with Hemophilus pertussis 5698
*immunology*
anaphylactic sensitizing capacity of pertussis vaccine, relation to histamine sensitizing property in mice 4339
antigens obtained by Boivin & Topley-Rastrick methods (Rus) 34660
endotoxin sensitivity of pertussis inoculated mice 50597
humoral antibodies in rabbits after active immun. (Ger) 32303
protective antibody in passive immun. 4345
sensitivity to anaphylaxis, histamine & serotonin after inoculation of mice with Bordetella pertussis vaccine, review 1610
vacc., antibody develop. in guinea pigs (Ger) 32304
vaccine, eff. on prod. of anaphylactic shock in albino rats 5784
*manifestations*
auscultatory mediastinal findings 7448
*prevention and control*
chloramphenicol admin. to child. exposed to epidemic in day nursery (Pol) 30406
diphtheria-tetanus-whooping cough vacc. in young inf. (Sp) 16117
dried standard vaccine 25137
vacc. (Rus) 43543
vacc., compl. (Fr) 14461
vacc., in France (Fr) 54008
vacc. in Korea (Cz) 14860
vaccine potency, intracerebral mouse protection test 4342
*statistics*
in New Zealand, incidence & immun. 52704
in Ohio, incidence & control 20104
*therapy*
(Ger) 49098, 52263
ACTH & adrenal cortex hormones with antibiotics, review & case reports (Sp) 8809
chloramphenicol, causing aplastic anemia in child. (Dan) 10632
colimycin (It) 52021
high altitude & decompression ther. in airplane (Dut) 12031
2-methyl-1,4-naphthalenediol-diphosphate - isoniazid - 2-diethylaminoethyl-(2-phenyl) butyrate prep. (Ger) 19446
oxygen ther., compl. (Rus) 45183
tetracyclines (Rus) 36367

**WILLS**
estate planning by physicians 3868

***WILMS' TUMOR see*** **NEPHROBLASTOMA**

***WILSON'S DISEASE see*** **HEPATOLENTICULAR DEGENERATION**

***WINE see*** **ALCOHOLIC BEVERAGES**

***WOLFF-PARKINSON-WHITE SYNDROME see*** **HEART BLOCK**

**WOLFFIAN DUCT**
*embryology*
develop. in female desman (Fr) 48813

***WOLFRAM see*** **TUNGSTEN**

**WORK**
*see also* **ENERGY**
*see also* **FATIGUE**
*see also* **INDUSTRY AND OCCUPATIONS**
capacity after gastrectomy in peptic ulcer (Rus) 45200
capacity determ. in anthracosilicosis (Rus) 54555
capacity determ. in cardiovasc. dis. (Rus) 33251
capacity, eff. of cancer, expert testimony (Ger) 11079
capacity, eff. of partial & total pneumonectomy (Rus) 41677
capacity in anemia of pregn. studied by changes in blood volume, pressure & cell count, heart volume & other circ. adaptations 23823
capacity in epilepsy (Rus) 34824
capacity in peptic ulcer & after gastrectomy (Rus) 32894
capacity in pulm. tuberc. (Ger) 55081
capacity of aged 40295
capacity of pulm. tuberc. patients, eff. of occup. ther. (Fr) 46723
capacity of Swedish Air Force staff personnel, eff. of phys. train. 29226
capacity, relation to heart volume in standing position in pilots & trainees of Swedish Air Force 29227
energy cost in prescription of work dosage in heart patient rehabil. 27823
high carbohydrate diets for work at high altitudes, value (Fr) 39474
incapacity, assessment of temporary & permanent incapacity in Czech. (Cz) 48678
performance based on inspiratory hypoxia test (Ger) 28044
performance in puberty, determ. by heart & resp. funct. tests (Ger) 34107
phosphorus requirements during phys. work (Ger) 28047
phys. exertion of workmen, relation to myocardial infarct 24364
phys. work performance, relation to age (Ger) 15352
physiol. of work, conf. (Rus) 39589
psychol. eff. of work simplification, specialization & automation in indust. & professions (Fr) 27949
relation of phys. activity of work to epidemiol. of coronary dis. 37674, 37685
resp. physiol. research using radio (Rus) 15770
train. factor in study of interoceptive changes of signalization in work (Cz) 38194
value of continuity in work habits of aging men 8431
*effects*
on blood coagulation, reactions during & after phys. work (Ger) 28048
on cardiovasc. funct. (Ger) 23019
on physiol. cardiac & pulm. response of factory workers with heart dis. 14956
on potassium & sodium metab. in heart & skeletal musc. (Ger) 28049
on urinary excretion of electrolytes & 17,20-dihydroxy-20-ketosteroids (Ger) 40177
phys. strain during welding of motors in auto repair shop (Cz) 30955
phys. work on cardiac output & minute volume (Ger) 28043
progressive strain on heart beat & minute volume, ballisto-cardiography (Ger) 53083
prolonged work on musc. action potential 17078

**WORKMEN'S COMPENSATION AND INSURANCE**
*see also* **ACCIDENTS, INDUSTRIAL**
*see also* **DISABILITY EVALUATION**
*see also* **EXPERT TESTIMONY** 14301
avoidance by physician of compl. with compensation & insurance claims 4577
coronary dis. as occup. dis. in Argentina, medicolegal aspects (Sp) 39097
coverage of myocardial infarct related to phys. exertion during work 24364
determ. of irradiated surface in compensation for glassblowers' cataract (Ger) 25184
disability pensions for Stockholm municipal employees (Sw) 43177
in Australia, compensation of indust. inj. 42119
in Gt. Brit. 2256
in Italy, applicability of rules established for prescription of indust. accid. to accid. in agriculture (It) 21450
in Sweden, medicolegal aspects (Sw) 32137
medicolegal aspects of borderline cases of indust. accid. (Ger) 42885
new regulations, relation to rehabil. of patients with internal dis. (Ger) 42342
role of statist. in workmen's compensation from the viewpoint of a law administrator 30165
*in various diseases*
brain concussions, expert testimony (Ger) 19431
cardiac disability occurring at work, determ. of compensability 12270
heart dis. 9266
laceration of lateral ligment of knee (Ger) 42894
occup. allergic dis. (Fr) 32406
occup. dis. in Morocco (Fr) 6362
occup. skin dis. (Ger) 43835
peripheral vasc. dis., expert testimony (Ger) 23169
silicosis in France (Fr) 9330
skin dis., in Italy (It) 9337
*legislation*
in Italy, compulsory insurance against dis. (It) 9331

in Morocco (Fr) 6560
in New York, concerning occup. hearing loss 13228

**WORLD HEALTH ORGANIZATION** 27686
activities 7478
activity in field of ment. health of changing civilizations (Ger) 44196
aid program for underdeveloped countries (Sw) 54489
contribution to world health in 1st 10 years 6969
eff. of internat. cooperation on med. care standards 55415
ment. health program in Europe 28175
1957 activities 28177
nutrition problems (Rus) 33508
organiz. & achievements (Rus) 33477
organiz. & funct. (Rus) 32572
Pan American Sanitary Bureau/World Health Organiz. Advisory Committee on Environmental Sanitation, report (Sp) 48091
progr. 20881
progr. (Fr) 9092
progr. in Europe 28172
progr. in Middle E. (Fr) 9093
report of joint Food & Agriculture Organiz./WHO Expert Committee in Nutrition 33876
role & value (Hun) 7692
role of chemother. in achievements 41048
symposium on European hosp. problems (Dut) 55874

***WORMS see*** **EARTHWORMS**
***WORMS see*** **HELMINTHS**

**WOUNDED AND SICK**
***see also*** **AMBULANCES**
aerial evacuation of eye inj. victims, value in Fr.-Algerian war (Fr) 14369
air evacuation of polio. patients, use of Fr. portable respirator (Fr) 29232
air transportation, indic. & contraindic. (Fr, Dut) 46557
evacuation & care in Fr. naval command post in World War II (Fr) 31947
evacuation by helicopters in French Navy (Fr) 31930
evacuation from inaccessible areas & war machines, methods (Rus) 10878
evacuation of war wounded, lightweight folding stretcher (Fr) 14394
evacuation, portable gastric suction appar. for various emergency situations 5521
first aid & transport of persons injured in traffic accid. (Fr) 49739
identification & classif. cards in forward combat areas (Rus) 10879
immediate care & transportation of injured 37799
internat. rescue competition sponsored by 3rd Internat. Congress on Ski Traumatol. in Switzerland (Ger) 45782
legal protection (Sw) 22127
med. management of mass casualties 10617
sorting in management of mass casualties 42817
teaching of support of mass casualties in Royal Army Med. Corps 18048
transportation & develop. of resp. disord. in patients (Dan) 10622
transportation by helicopter in Royal Army Med. Corps 18051
transportation by helicopter, litter for (Fr) 29240
transportation of patients aboard ship with Stokes' metal litter, description of modified flotation gear 6508

**WOUNDS AND INJURIES**

This heading is also used as a subheading under appropriate main headings throughout the index; only material of a more general nature is to be found here.

***see also*** **BIRTH INJURY**
***see also*** **BITES AND STINGS**
***see also*** **BURNS**
***see also*** **CONTUSIONS**
***see also*** **DISLOCATIONS**
***see also*** **FRACTURES**
***see also*** **SELF-MUTILATION**
***see also*** **SHOCK**
***see also*** **SPRAINS AND STRAINS**
bandaging & dressing 20596
borderline indust. inj. 37947
claw inj., bites & blows from paws of various large animals (It) 9275
diag. & ther. of major & multiple inj. 48257
fatal, caused by firearms, cutting instruments, fire & other means of suicide, methods of medicolegal investigation 54865
fatal wds. extraordinary survival efforts (Fr) 36094
healing, eff. of epinephrine (Cz) 21548
healing, eff. of placenta extracts (Ger) 54872
healing in denervated areas in paraplegics 22021
healing, mechanisms of contraction & skin growth 6548
healing phases (Rus) 33191
healing, relation to collagen & connective tissue fibrogenesis, biochem. aspects, review 19865
inj. aggravating pre-existing arthritis, disability evaluation 40163
inj. contracted in battle (Dan) 32416
intussusceptive growth of skin islands within wds. 50306
management of & recovery from military inj., eff. of radiations 6773
missile type inj. caused by rotary lawn mower & trimmer 915
need for emergency laboratory serv. 51481
nonoccup., classif. & nomenclature (Rus) 43421
of athletes, ther. 19975
plutonium contamination, estimation by gamma-ray spectrometer 12226
power lawn mower inj. 47289
relation to cancer, review 21844
surg. wds., routine use of spray-on plastic dressing 17461
tomahawk head inj. 11642
traumatol., contribution of Genrikh I. Turner (Rus) 43402
war wds., ther. (Rus) 45657
wound ballistics study with alginates (Ger) 39030

***complications***
abrasions in swimming pools, infect. with Mycobact. causing dis. resembling cutaneous tuberc. (It) 43260
acute renal failure in massive trauma, management 48392
cancer after exposure to carcinogen, review (Ger) 30271
cancer, relation to single inj. 48431
compensation neurosis & sinistrosis, ther. (Sp) 29359
fungus infect. due to antibiotic ther. (Rus) 45705
gunshot inj. causing vesicovaginal-rectal fistula, single-stage closure (Rus) 51180
gunshot, posttraum, develop. of aortocaval & hepatoportal arteriovenous fistulae with kidney ischemia 1230
leukemia (Pol) 30871
malignant reticulosis developing one year after multiple fract. & contusions (Fr) 2478
multiple cranio-facial gunshot wds. & pelvic fract. followed months later by grave collagenosis (Fr) 2479
posttraum. basal cell carcinoma 16343
posttraum. musc. ossifications (Ger) 11419
post-traum. pulm. tuberc., expert testimony (Ger) 22343
shock in severe war wds. & indust. inj., surg. 50802
surg. wound infect. in naval establishments 41430
transform. of poorly-granulating wds. into cancer (Rus) 5967

***etiology and pathogenesis***
instruments in diag. (Ger) 52195

***experimental***
absorp. capacity of soft-tissue inj. in goats, radioiodine study 25048
alkaline phosphatase determ. in connective tissue during wound healing, comparison in cats & rats 16785
blood circ. in splanchnic region in animals adapted to wds. (Cz) 38200
causing shock in mice, physiol. & emergency ther., review 44984
circular suturing of arteries in exper. infected wds. (Rus) 18193
eff. of antireticular cytotoxic serum on cicatrization of wds. in rats, dependency of eff. on dos. & physiol. state of animals (Fr) 15125
eff. of cerebrocortical excitation on healing of skin wds. (Rus) 37218
eff. of nutritional defic. on tensile strength of sutured wds. in rats 22019
eff. of open & closed ther. in guinea pigs (Ger) 29030
eff. of protein hydrolysate-containing ointments on healing (Ger) 36920
eff. of radiations on cytomorphol. of woundexudate in rabbits (Rus) 27314
eff. of radiations on healing (Rus) 10884
eff. of radiations on vasc. tissue in rabbits (Rus) 27309
eff. of somatotropin on wound tensile strength in rats, mechanism of somatotropin-induced postop. anabolism 10136
eff. of streptokinase & trypsin on healing of bruised tissue in cattle & rabbits 20745
eff. of x-irradiation on healing of ear wds. in guinea pigs (Rus) 45717
eff. of x-rays on healing (Rus) 51760
eff. of x-rays on healing in guinea pigs (Ger) 9999
eff. on blood amino acids, eff. of adrenalectomy (Cz) 38258
eff. on blood lipids in rats 23690
eff. on blood peptidase levels in rat (Pol) 38103
eff. on oxygen consumption of skin in rats (Fr) 7758
eff. on utilization of intravenous fat emulsion in rats 17586
extensive soft-tissue inj., eff. of various ther. technics on survival in goats 18411
granulopexic activity of RE system during cicatrization of skin wds. in white rats (Fr) 15107
healing & fiber form. in cats, relation to alkaline phosphatase activity 22314
healing in scorbutic guinea pigs, histochem. study 2060
healing of skin wds., eff. of hypothermia 39666
healing, relation of composition & amount of granulation tissue to contraction in rats 1212
metab. in animals adapted to wds. (Cz) 38202
osteogenic potential of calcium hydroxide & other material in soft tissue & bone wds. 40778
quantitative relationship of wound tensile strength to length in rats, determ. 10114
tensile strength & healing of wds., inhib. eff. of thyroxin & scurvy 35106
thymus response to inj. in animals adapted to traum. shock (Cz) 38257

***in aged***
classif. & prev. (Fr) 10606
management, review 35876
post-traum. thermal ther. (It) 42583
surg., results, statist. of Copenhagen hosp. 38844

***in infant and child***
fluid ther. of inj. & shock, review 53003

***microbiology***
pH factor (Rus) 33192

***physiology***
body fluid balance disord., review (Ger) 44931
body fluid balance response to trauma (Ger) 44935
body fluid balance, review (Ger) 44926
contraction during healing 41804
eff. of dibenzoylcystine on wound healing (Fr) 38683
neuro-endocrine responses 51126
posttraum. antidiuresis 51130
tensile strength of healing wds., eff. of thyroxine & a dehalogenase-inhibitor 39215
wound retraction chem. & morphol. & localization of mechanism (Fr) 47372

***statistics***
in No. Carolina 53749
in Russia (Rus) 43380

***surgery***
anesth. 51574
anesth., cito-eunarcon (It) 11936
closure with penicillin applications, decrease in time before removal of sutures (Rus) 5983
full-thickness skin grafts in defect wds. (Ger) 34249
permanent suturing, technic (Rus) 45867
skin transpl. in recent accid. wds. (Ger) 39086
value of precop. x-ray diag. & postop. radiother. of compl. (Ger) 29462
war wds., anesth. & resuscitation (Fr) 24755
war wds., resuscitation & adjuvant glucose-insulin-potassium (Fr) 24756

***therapy*** 30933
(Rus) 45853
antibiotic (Ger) 38434
at Casualty Hosp. in Brno (Cz) 40674
blood transfusion causing jaundice, case reports 2150
blood transfusions in severe inj. (Rus) 44019
caffeic acid prep. (Ger) 4062
cycloven in vasc. congestion compl. healing (Ger) 19410
eff. of nuclear weapon explosions on ther. of soft tissue inj. 32717
emergency care 41045
first aid for traffic accid. inj. (Dan) 10620
hist. 6442
hist. of methods (Rus) 6010
hydrochloric acid solution, eff. on pH (Rus) 33193
in Vienna Casualty Hosp., improvement of wound management (Ger) 52251
ionozone ther. of infected wds. (Fr) 36516 36517
management of severe inj. 53748
management, review 32718
morphine with 2,4-diamino-5-phenylthiazole for pain in accid. inj. (Ger) 35952
multiple inj., management 28150 32734
of mass casualties in thermonuclear warfare 49655
of multiple inj. 20305
pancreatic enzyme prep. in infected wds., local admin. 867
papain, local admin. (Ger) 32959
polyglucin transfusions in various traum. cond. (Rus) 44021
proper management to prevent major compl. 42152
resuscitation of wounded in Algerian hosp. (Fr) 54158
severe trauma, procaine in glucose solution, intravenous admin. (Rus) 45868
soft tissue inj., mangement 53749
somatotropin (Pol) 30728
streptokinase in prev. & ther. of edema (Ger) 51051
trypsin in superficial wds. & purulent secretions in open fract., local admin. (Dut) 44882
war wds., rehabil. & funct. recovery as adjunct to surg. (Fr) 31941

**WRIST**
age of epiphyseal union in Indian child, of Uttar Pradesh 5156

***abnormalities***
carpal (Cz) 11847
carpal, morphol. aspects (Cz) 11848
synostosis (Ger) 34287
unusual case (Rus) 47871

***anatomy and histology***
articular surface area of wrist joint 23572

***diseases***
arthritis, arteriography in determ of blood vessel pathol. (Ger) 23690
bilateral traum. malacia of semilunar bone, case report (It) 9334
carpal bossing 31467
carpal bossing (Fr) 29132
carpal bossing (Ger) 55731

carpal tunnel synd. 9471
40621
53232
carpal tunnel synd. (Sp) 44478
44486
carpal tunnel synd. caused by compression in severe tophaceous gout, case report (Fr) 21394
carpal tunnel synd. causing acroparesthesia of hand in pregn. 17854
carpal tunnel synd., differ. diag. from acroparesthesia (Af) 9808
carpal tunnel synd. in child. (Fr) 25475
carpal tunnel synd., manifest. & relation to acroparesthesia 4324
carpal tunnel synd., surg., section of transverse carpal ligament 22578
erysipeloid after accid. infect. by laceration in slaughtering of swine, in butcher (Fr) 44780
synd. of pisiform region with inflamm., dystrophic & calcareous manifest. (It) 25601
*dislocation*
atypical, case reports (Ger) 25350
traum., of semilunar bone, ther. (Rus) 52858
*fractures*
capitate fract., case reports 22480
surg. (Ger) 6694
*neoplasms*
ganglion, with calcinosis, x-ray aspects (It) 25622
*radiography*
of normal radiocarpal joint in dorso-palmar projection (It) 53750
*wounds and injuries*
evulsion of os triquetrum ligaments, conservative ther. (Ger) 19332
lacerations, surg. anat. 10126
spontaneous rupt. of extensor pollicis longus after blunt trauma 849
ther., importance of psychol. factors in evaluation of healing (Ger) 19329
x-ray diag. (Ger) 22933

**WRITING**
*see also* HANDWRITING
*see also* LITERATURE
by physicians, contributions to med. journals 6991
introduction to med. writing 2766
med., cost to the author of preparing, publishing or presenting articles to med. meetings 8536
med., critical writing 53067
med., for journals, aids & editorial requirements 51584
med. jargon, clarification & classif. 14073
med., linguistic errors 30145
med., need for literacy 7952
med., technics 53069
med. writing, principles 48598
scientific & technical papers, prep. 53709
scientific, rules, editor's view 55422

**WUCHERERIA**
*see also* FILARIASIS
malayi, transm. by Anopheles hyrcanus sinensis 14935
patei n. sp. from lymphatics of cats, dogs & genet cats in Kenya 5138
*effect of drugs on*
diethylcarbamazine on infect. larvae of Wuchereria bancrofti, in vitro activity 14134

*XANTHINE OXIDASE see* DEHYDROGENASES

**XANTHINES**
*see also* CAFFEINE
*see also* THEOBROMINE
*see also* THEOPHYLLINE
*effects*
azahypoxanthine on chick embryos 4980
diuretic action, mechanism 13174
on choleresis in animals & humans (Ger) 19374
on heart, mechanisms of coronary vasodilat. (Fr) 13464
*metabolism*
hypoxanthine in rosy & maroon-like mutants of Drosophila melanogaster 54404
hypoxanthine prod. by Saccharomyces cerevisiae 5093
*therapeutic use*
asthma 2278

*XANTHOMATOSIS see* LIPOIDOSIS

**XANTHOMONAS**
susceptibility to bacteriophage attack 2564
*infections*
vesicatoria, of tomato plants, biochem. aspects (Uk) 29548

**XANTHOPTERIN**
*effects*
on exper. neoplasm metab. (Pol) 30888

**XANTHURENATES**
eff. of isoniazid on excretion in pregn. (Ger) 18323
xanthurenic acid in saliva of vitamin B6-deficient rats (It) 30345

*XANTHURENIC ACID see* XANTHURENATES

**XENON**
microprojection appar. with xenon lamp (Ger) 42455
*radioactive*
in thoracography with regional analysis of ventilation, technic & possibilities (Ger) 46199

*XERODERMA see* ICTHYOSIS

**XERODERMA PIGMENTOSUM**
*case reports*
50605
*in infant and child*
with epidermoid carcinoma of eye (It) 13141
*therapy*
2,5-bis-aziridinyl-3,6-dipropoxy-quinone & 2,5-bis-aziridinyl-3,6-bis-(2-methoxyethoxy) quinone (Ger) 11232

**XYLENE**
*effects*
shrinkage of tissue, with ethyl alcohol, comparison with diethylene dioxide in histol. 54581
*related compounds*
mesitylene, toxicol. & indust. hyg. aspects (Ger) 25185
3,4-xylidine & its deriv., eff. on influenza virus 48232

*XYLOCAINE see* LIDOCAINE

**XYLOSE**
*effects*
on calcium metab., bone develop. & Krebs cycle (Fr) 41334
*in blood*
eff. of insulin & glucose on disappearance of D-xylose in normal dogs 24042
*metabolism*
absorp. in pernicious anemia 50723
conversion to volatile fatty acids by rumen bact. 13399
crystalline lens of calf in vitro 1636
musc., eff. of anaerobiosis, insulin & metab. poisons on accumulation in isolated rat diaphragm 25874
Penicillium chrysogenum, conversion to xylitol 13783
xylose tolerance test in determ. of intestinal absorp. of carbohydrates in sprue 36249

**YAWS**
early yaws 48339
geographical distribution (Fr) 38783
*immunology*
positive serol. reactions after spontaneous healing or ther. with subsequent protection against syphilis, clin. significance 35841
universal serol. reaction (Fr) 26761
*prevention and control*
in Netherlands New Guinea 6485

**YEAST, DRIED**
*see also* VITAMIN B COMPLEX
as dietary supplement in India, trials 5159
torula yeast as a dietary supplement 28119
*therapeutic use*
dried yeast-iron compound prep. in iron defic. anemia with cramping of gastrocnemius musc. in pregn. (Ger) 11436

**YEASTS**
*see also* SACCHAROMYCES CEREVISIAE
antibiotic substances in yeast 7209
antiyeast agglutinins (Pol) 53139
apiculate yeasts, comparative biol. & biochem. studies 52283
cell wall structure, degradative studies with enzymes 54381
eff. of ultraviolet irradiation & hydrogen peroxide on cell increase in strains of different ploidy, microscopic comparison (Ger) 11274
eff. on size of cell nuclei of rat liver, with p-dimethylaminoazobenzene (Ger) 10024
enzyme substrate complexes of diphosphopyridine nucleotide-linked aldehyde dehydrogenase of yeast (Sp) 8987
factor in yeast autolysate essential for Acetobacter gluconicum growth, isolation & properties 2560
growth in grape juice stored at low temperatures, control of growth in commercial operation 47621
growth in grape juice stored at low temperatures, growth of natural mixed inocula 47623
growth in grape juice stored at low temperatures, types of yeast & growth in pure culture 47622
Hansenula anomala isolated from lung of inf. with interstitial cell pneumonia 19455
Hansenula species, surface characteristics 16870
Hansenula wingei, protein as specific cell surface component in mating reaction 4730
in tonsils (Ger) 36438
in water reservoirs (Rus) 19111
isolation of cytoplasmic structures 27409
intestinal yeast flora of horses, sheep, goats & swine 40834
Lipomyces in soil (Rus) 51935
mitosis in yeasts, kinetics 7257
nuclear structure & mitosis (Ger) 47657
nucleus of fission yeast, identification by fluorescent dyes 27419
Rhodotorula & Torulopsis develop. on oxytetracycline- & chlortetracycline-treated poultry meat 25162
Saccharomyces carlsbergensis infect. causing bronchitis, demonstration of pathogen. 35365
Saccharomyces, serol. classif., antigenic structure & biol. characteristics 55431
Saccharomyces tellustris relation to Monilia bovina 25148
sexual agglut. of heterothallic yeasts in diverse taxonomic areas 44949
spores, simple technic for mass isolation (Ger) 46161
Sporobolomyces marcillae isolated from air 47655
Torulopsis ingeniosa from grass leaves, morphol. 40849
Torulopsis norwegica nov. spec. 25145
Torulopsis wickerhamii from silage 25325
Trigonopsis variabilis, morphol. & physiol. (It) 47654
Zygosaccharomyces mrakii from silage 25326
zymosan, eff. on growth of Jensen sarcoma & Walker carcinoma (Ger) 55527
zymosan, eff. on growth of transplanted exper. cancer (Fr) 48890
*culture*
suspended coverslip & suspended drop media, comparison (Ger) 55608
*effect of drugs on*
acriflavine induction of resp. defic. 15663
desoxycorticosterone on growth 16874
inhib. of metab. by cationic detergent, reversal by magnesium ions 7165
screening of potential anti-tumor agents on yeast mutants 26475
screening of various cpds. for inhib. action against fermentation 2719
spermine & spermidine on growth of various species 31435
sulfuric acid, resist. (Ger) 34058
*effect of radiations on*
gamma rays, post-irradiation changes in resting cells (Rus) 47980
x-ray inactivation of yeasts with varying degrees of ploidy, mathematical analysis of genetic & non-genetic components (Ger) 46162
x-ray-induced synchronized budding of yeast cells 23291
x-ray inhib. of yeast cell division & eff. on polyphosphate metab. 23292
x-rays on Torulopsis utilis major, chem. analysis of x-ray mutants 47629
*extracts*
as pyrogen in fever ther. of paresis (Rus) 46310
protection of mice against x-irradiation 9569
*metabolism*
adenosine-3'-phosphate-5'-phosphosulfate biosynthesis by two enzyme systems 4767
adenosine-5'-phosphosulfate biosynthesis mechanism & isolation of adenosine triphosphate sulfurylase 4768
adenosine triphosphate sulfurylase from yeast, purification & activation by sulfate, sulfite, selenate & molybdate 16926
adenylpyrophosphate form., eff. of 6-dimethylaminopurine-3-amino-d-ribose 20746
amino acid contents & growth rates of haploid & polyploid strains 39226
carbohydrate assimilation, determ. technic (Ger) 34469
carbon dioxide fixation 25869
carbon dioxide fixation during oxidation of glucose by Saccharomyces cerevisiae & carlsbergensis (Sp) 8970
creatinine & tyrosine, extraction from intracellular substance of yeast cells (Fr) 40799
eff. of alkyl nitrophenol (Ger) 23617
eff. of anaerobiosis on prod. of resp. deficient yeast, relation to polyploidy 39292
enzyme system converting amino acyl adenylates to ATP 4752
extracellular synthesis of sucrase by certain strains 1360
1361
fermentative assimilation (Fr) 26730
α-glucosidase from Saccharomyces italicus, purification & properties 13791
glutamic acid, eff. of potassium (Ger) 11275
hexokinase & phosphoglucomutase, mechanism of action 49469
invertase from dry yeast (Ger) 23630
metab. changes in yeast cells oxidizing glucose after addition of ammonium ions (Ger) 47927
nucleic acid & protein synthesis in Saccharomyces carlsbergensis, eff. of actidione & fungicides 4004
pentose-utilizing cultures (Rus) 19129
phosphomannoisomerase purification from yeasts (Ger) 25902
polyphosphate form. & transform. (Ger) 25897
potassium exchange at different potassium concentrations in medium 4807
purines, comparison of genetic & nutritional blocks in biosynthesis in bact., molds & yeasts 25420
relation of resp. competence to color develop. & resist. to copper 30280
resp. defic., induction by manganese, copper, cobalt & nickel 7203
Saccharomyces aceti oxidation of ethyl alcohol to acetic acid 19582
soluble nucleotides & nucleotide-amino acid cpds. in Torulopsis utilis 52332
sucrase liberation from disintegrated yeast cells 42960
uridine-diphosphogalactose-4-epimerase in Saccharomyces cerevisiae & fragilis, adaptive nature 1673
vitamin D determ. in irradiated yeast, rapid separation of impurities interfering with chem. determ. (Ger) 28063


Symbols in parentheses indicate foreign language articles; absence of language symbol indicates articles in English. For full explanation see end of Subject Index.

Zygosaccharomyces prod. of arabitol & glycerine, eff. of various factors 1310

*therapeutic use*

apathogenic live yeast-cod liver oil-stilbene-live Bacillus vaginae prep. in nonspecific bact. infect. of vagina (Ger) 18942

intravenous yeast suspensions in thyroid cancer, eff. on radioiodine fixation (It) 29685

**YELLOW FEVER**

*epidemiology*

geographic distribution (Fr) 38811

in Africa 1084

in Ethiopia & Eritrea (Fr) 14457

in Surinam 10527

*immunology*

immun. properties of strain 17D in mice 33142

immun., review 27979

serol. reactions 24695

*prevention and control*

in Amer. continent (Por) 44432

in U. S. by control of Aedes aegypti, particularly in internat. traffic zones of receptive areas 44272

vacc. by scarification with 17D vaccine 33147

*virus*

eff. on reactions of human appendix & conjunctival cells to other viruses 45822

sensitivity of guinea pigs to parenteral inject. of virus (Fr) 26676

**YOHIMBINE**

in Alchornea floribunda (Fr) 1044

*determination*

new color test for yohimbine-type cpds. 2823

*effects*

on arterenol or epinephrine action on blood pressure & blood sugar & potassium levels in dogs (Fr) 36562

*related compounds*

18-hydroxy-17-methoxy-15, 16, 17, 18, 19, 20-hexadehydroyohimban, pharmacol. (Fr) 38709

structure & vasodilator activity (Fr) 48801

yohimbic acid ethyl ester - reserpine -2-(p-butoxyphenyl)-2-(morpholino-N-methyl)-dioxolan-11, 3-methobromide prep. as preop. & postop. sedation (Ger) 23194

**YOLK SAC**

*see also* VITELLINE DUCTS

cytochem. reactions in chorio-allantoic chick explants with different graft weight & liquid volume ratios (It) 13695

**YTTRIUM**

*in blood*

interactions of yttrium ions & chelates with blood serum & blood proteins in vitro 25405

*metabolism*

colloidal yttrium 90 tissue distribution in mice after intraperitoneal inject., comparison with colloidal radiogold 198 32707

eff. of complex-prod. substances (Rus) 51756

tissue distribution following admin. at various sites & by various methods in mice & guinea pigs (Ger) 32708

*radioactive*

biol. behavior in rats, eff. of various chelate-forming substances (Ger) 32667

direct absorp. of dissolved yttrium-90 by tadpoles 19705

eff. of chelates on metab. in rabbits & dogs, application to cancer ther. 17574

eff. of edathamil, sulfosalicylic & aurintricarboxylic acids & of other drugs on distribution in animals (Rus) 51770

implant in pituitary gland in cancer of breast & prostate, pernasal transsphenoidal approach 30928

implantation for hypophysectomy, indic. & technics 4328

insertion in sella turcica to destroy pituitary in ther. of neoplasms, eff. on adrenal cortex & thyroid funct., urinary gonadotropins, serum phosphorus (It) 42546

intrasellar implantation, biochem. & hormonal eff. in man (It) 42646

irradiation of pituitary gland in patients with tumors & endocrine dis. of pituitary origin (It) 29714

metab., determ. with electrophoresis & radioautography in guinea pigs (Ger) 10004

retention after inject. in guinea pigs (Ger) 11270

ther. of angioma & nevus flammeus (Ger) 45261

ther. of poikilodermia atrophicans vascularis with mycosis fungoides (Ger) 3203

therapeutic pituitary destruction, technic & radiodosimetry 32700

transphenoidal insertion of yttrium 90 rods for destruction of pituitary gland 6563

yttrium-strontium ther. of skin dis. (Ger) 15285

*toxicity*

yttrium nitrate tox. in rats after intraperitoneal & subcutaneous inject. 23383

***ZEPHIRAN* see ANTISEPTICS, QUATERNARY AMMONIUM**

**ZINC**

complexes with purines, nucleosides & nucleotides, synthesis & properties (Ger) 49922

in glutamic acid dehydrogenase of bovine liver, role as essential component 4749

in nutrition of Tenebrio molitor, relation to vitamin $B_T$ defic. 5551

requirement for growing swine 32340

requirements for growth in chick 17808

*deficiency*

in chicks 5543

*determination*

in lactic dehydrogenase (Ger) 25880

in zinc bacitracin, ethylenediaminetetraacetate titration 13337

*effects*

zinc acetate on human & rabbit erythrocytes, protective eff. against osmotic hemolysis 16697

*in blood*

plasmatic & erythrocytic levels in normal & anemic aged subjects (It) 11954

*in urine*

in diabetes, comparison with normal subjects (Ger) 44938

in nephrosis (Ger) 39050

*injurious effects*

zinc chloride causing allergic dermatosis in metal worker (Fr) 47767

*metabolism*

distribution in various organs in neoplastic & non-neoplastic dis. in humans, isotope tracer studies 33074

histochem. determ. (Ger) 27144

in anemic states, plasmatic & erythrocytic zinc (It) 11960

in liver cirrhosis (Ger) 39049

Mycobact. bovis requirement for growth of surface-culture & for prod. of P. P. D. tuberculin 29849

pancreas content in human embryos, demonstration by sulfide-silver staining method 23967

pancreas, histochem. study of distribution in exper. zinc pois. 23970

pancreas in guinea pigs (Ger) 33542

pancreatic content in normal & in diabetic humans (It) 49504

placenta, content in mature & immature, normal & pathol. human placentas (Ger) 25207

review (Fr) 20672

uterine normal & cancer tissue, spectrum analysis (Sp) 8854

zinc as specific coenzyme of aldolase metab. in Aspergillus niger (Fr) 15067

zinc compound in islands of Langerhans in animals (Ger) 23076

*poisoning*

eff. of copper on growth & catalase levels of Corcyra cephalonica 7235

simultaneous polarographic determ. of lead, zinc & copper in urine before & after treatment with edathamil (It) 37443

*radioactive*

concentration in farm produce & deposition in man 44973

*therapeutic use*

ACTH-zinc prep. 29321

mycotic onychia & paronychia, iontophretic admin. (Rus) 55197

*toxicity*

in rats, eff. of supplemental copper 36988

**ZINC OXIDE**

oxide-containing ointments & pastas, salicylic acid transform. (Dut) 52477

*effects*

on motor activity of esophageal mucosa in frog (Rus) 45735

**ZIRCONIUM**

allergic zirconium deodorant granuloma 38928

indust. hyg. standards 12249

***ZONA* see HERPES ZOSTER**

***ZONULA CILIARIS* see EYE**

**ZOOLOGY**

animal sthology, review 20921

***ZOSTER* see HERPES ZOSTER**

**ZYGOMA**

*fractures*

causing diplopia & ocular musc. imbalance, surg. indic. & technics 24667

diag. & ther. 20132

fract.-disloc., ther. 41247

incidence & surg. (Fr) 15214

support by Foley catheter 41249

zygomatico-maxillary fract. causing diplopia, diag. & ther. 23845

*neoplasms*

primary, of infratemporal fossa 11720

***ZYMOHEXASE* see DESMOLASES**


## FOREIGN LANGUAGE SYMBOLS

A symbol in parentheses after the modification indicates the foreign language of the article to which reference is made. When the article does not require modification of the main heading or subheading, the language symbol stands alone. Absence of such a symbol indicates that the article is in English. The symbols used are the first two letters, if the second is a consonant, or the first three letters, if the second is a vowel, of the name of the language, as follows:

| | | | | | |
|---|---|---|---|---|---|
| Af | Afrikaans | Ger | German | Rum | Rumanian |
| Bul | Bulgarian | Gr | Greek | Rus | Russian |
| Ch | Chinese | Heb | Hebrew | Ser | Serbo-Croatian |
| Cs | Czech | Hun | Hungarian | Sl | Slovene |
| Dan | Danish | It | Italian | Sp | Spanish |
| Dut | Dutch | Jap | Japanese | Sw | Swedish |
| Fin | Finnish | Nor | Norwegian | Tur | Turkish |
| Fr | French | Pol | Polish | Uk | Ukranian |
| | | Por | Portuguese | | |

# CUMULATIVE AUTHOR INDEX


Abalif A J 8827 8837 21127 36853 53939
Åberg A 32984
Åberg B 32977 32980
Aaes-Jørgensen E 28574 50950
Ågren E 46715
Ågren G 35482
Åkerman K 29221
Åkerrén B 10183
Aalpoel J A 5879
Aanes W A 4633
Aapoel J A 1221
Aaronson B S 40710
Aas K A 4855
Aas T W 45423
Åsheim Å 35379 35385 35447
Åström A 47142
Ababei R 55834
Abadie S H 22176
Abadzhiev 28745
Abadzhiev P 28721 28724 28772
Abakarov U A 55814
Abarca L 44535
Abasov I T 6030 45134
Abate L 20815 52050
Abbadessa S 37470
Abbati A 3895
Abbatt J D 18442
Abbatucci J S 41382
Abbona C 36734
Abbot A 5002
Abbott B C 50568
Abbott C E 206
Abbott D D 40372 40380 40381
Abbott J 12947
Abbott J H 16260
Abbott J P 7607 22032
Abbott K H 2349
Abbott L 44854
Abbott M 24530
Abbott W E 13314
Abboud F 49
Abd-al-Raheem A A 28311
Abdel-Akher M 47711
Abdel-Hakim M 27261
Abdel-Halim S 28315
Abdel Kader M M 49336
Abd-el-Malek A S 52455
Abdel-Malek E 2439 2443
Abd-el-Malek Y 7241
Abd-el-Razzak M 11306 36576
Abdel-Salam R 4957 28317
Abd-el-Wahab A 52406
Abderhalden R 11033
Abdin E H 35624
Abdin Z H 35624
Abdine F H 50982
Abdo-Canasi J 27160
Abdou A H 5595
Abdulian D H 5745
Abdullaev I I 45250
Abdullah A F 27324
Abdullina R N 7787
Abe M 16453
Abe S 10385 10387 10388 22261 22263
Abe T 20725
Abeatici S 29568 42541 43978
Abecasis L 15951
Abegglen J C 3772
Abel H 11255 34183 49130 55541
Abel M S 48772
Abel S 8469 38580
Abele G 27147 36505 49112 49113
Abeles H 12806
Abelin I 39895
Abell E 46944
Abell M R 22077
Abelló J 8890 10552 31838 31936
Abello J M 8942
Abello P 31928
Abelmann W H 52604
Abelson D 50431
Abély P 995 36131 36136 36142 47451
Abendroth H 42242 52274
Abercrombie G F 53271
Abercrombie M 27399 50295
Aberle L 43452
Aberman A A 31222
Abernathy R S 17401
Abernethy P 43257
Abeshouse B S 12656
Abgarov V O 10828
Abitbol M M 644 7612 20061
Ablard G 14358
Ablondi F B 44148
Abolins J A 7476 43210
Abonnenc E 1427 1429 14440 14441 36544 36545 36546 36547
Abood L 46452
Abood L G 5493 50907
Abou-Harb M 15112
Abou-Harb N 15112
Abou-Shabanah E H 24504 49498 54716
Abouav J 14563
Aboul-Dahab Y W 169 1477
Aboulker J 19778 44752
Aboulker P 1021 41469 43973
Abplanalp A A 10979
Abraham A 6529
Ábrahám E 7.74 25808
Abraham E P 25859 25860
Abraham J 38682
Ábrahám S 46106 48073 53654
Abrahamović M 14839
Abrahams C A 41459
Abrahams H J 14337
Abrahamsen A M 11981
Abrahamson I Jr 14519
Abrahamson I A Sr 49384
Abrahamson I A Jr 49384
Abrahamson S 17694
Abramov V G 33515
Abramova E V 55810
Abramova M M 46827
Abramovich G B 34797
Abramovich Z M 6006
Abramovitz A B 33875
Abramowicz I 28837
Abramowitz L J 45064
Abrams H L 814
Abrams J S 35870
Abramson D 7598 13215
Abramson H A 72
Abramson W 12718
Abreu B E 12756
Abreu D C 18821
Abreu L B de 40621
Abreu M de 53875
Abrikosova M A 45670
Abritta J 21249
Abrosimov V N 36882
Abse D 42183
Abt A F 17583
Aburel E 11439 12107 34585
Acardi C B 21780 43851
Acciarri T 2966 25598
Accomazzi F 54309
Accornero F 27673
Acebal E 32470
Acevedo A R 38058
Acevedo D 8974
Acevedo H 14756
Achard F 15141
Achard M 427
Achaval M 39130
Achaval M de 39104
Achaya K T 5558
Achenbach W 10328 42286 42287
Acheson E D 2116 51800
Acheson R M 2116 48440 50051 50301 50308
Achinstein B 5441
Achja E M 10514
Achor R W 20810 46433
Achslogh J 35247 37763
Achten G 32918 36514
Açıkalın H 32991
Ackart R J 10848 45819
Acker E D 34967
Acker R 42352
Ackerknecht E H 15427 54363
Ackerley A G 5674
Ackerman G A 32621
Ackerman L V 13322 48551 54654
Ackerman R F 3359
Ackermann D 49890 49903
Ackermann H 16383 28053 28068
Ackermann J 32969
Ackermann R 34149
Ackermann W W 47901
Acosta A R 25673 30409 36842
Acosta-Guzman A 55576
Acosta-Sison H 7611 8002 8016 12404
Acquarelli M J 875
Ács L 10587
Actis-Dato A 6783 6912 19163 22033 29560 29639 35628 42622 42636 42677 52084 52086
Acuña H 21174
Acuña M 21174
Acuña R T 38508
Aczél G 28863
Ada G 5083
Ada G L 5082
Adaglio L 19245 29604
Adam A 4876
Adam A 13872
Adam D J 4218 41228 50964 50965
Adam E O 55077
Ádám G 24015 26677 28794
Adam J P 1041 14437 14438 14450 36174
Adam K E 43915
Adam W 22983 25237 25296
Adam Y 32940
Adamczyk B 30694
Adame Herrera J 21138
Adamec A 25721
Adámek J 9454
Adamenko M Ia 33611
Adametz J H 50951
Adamfy J 30038
Adamiak S 20412 43629
Adamik E 44134
Adamkiewicz V W 35800
Adamov N T 55246
Adamović V M 39710
Adamovich N A 37195
Adamovich V N 31196
Adamowicz B 30314
Adams A 5032 49119
Adams A E 12949
Adams B 29926
Adams B E 40329
Adams C E 40798 49493 50526
Adams C N 47006
Adams C W 2057 5475 5619 5687 27263
Adams D D 36977
Adams E 13829 44959
Adams E B 53503
Adams E C 12418 43531
Adams E K 12308
Adams E V 44082

Adams F H 17915 34991
Adams H 51902 52826
Adams H S 20886
Adams J 50578
Adams J B 5755 5756
Adams J C 2114
Adams J P 42049 50375
Adams J Q 20087
Adams M E 28525
Adams M S 4977
Adams O R 40418
Adams P Jr 174 34988 41269
Adams P A 781 5032
Adams R 6535 17605
Adams R A 100
Adams R D 46444
Adams R G 11688
Adams R M 42053
Adams S S 18358
Adams T 4663
Adams W E 5892 40785
Adams-Ray J 46644
Adams-Ray M J 51382
Adamski A 20387 30828 53150
Adamski S 30855
Adamson B M 5278
Adamson D 9553
Adamson H 9553
Adamson J E 1223
Adamson J P 33122
Adamson R J 2154
Adamson T E 48548
Adamsons K Jr 15620
Adan A 54537
Adanja S 51721
Adasal R 54013
Adatto C P 4283
Addison N V 14272
Adelberg E A 4724 4726
Adeline A 29234
Adelman B P 24656
Adelman M 50225
Adelman M H 40273
Adelman W J Jr 50578
Adels M J 20090
Adelson J 4386
Adelstein L 15531
Adelstein S J 4749
Adenis-Lamarre F 50767
Aderhold K 23626
Ades H W 55895
Adezati L 36722
Adiao A C 35906
Adicon A 35638
Adiga M L 4188 4189 40088
Adinolfi M 19502
Adkins L J 28037
Adkins P C 18134
Adle E H 35108
Adler A 11762
Adler D 21830 32504
Adler H E 15239
Adler H I 20928
Adler J 3369
Adler P 35948
Adler R H 19895 22043 51164 54757
Adler S 25064 47615
Adler T 38334
Adler U 27691 27694
Adlersberg D 2885 12291 27542 35676 35722 35726 46923
Adlersberg L 26493
Adlersberg R 6585
Adlerstein A M 17351
Adley F E 467
Adlin E V 62
Adno J 45071
Ado A D 24312 48004 52960 55181 55757
Adolph E F 16822
Adorján S 34073
Adorni E O 21771
Adriaensen H 54317
Adrian H 44735
Adrian J 24875 25519 25523
Adriani J 8119 9759 16570 45084
Adrianovskaia Ts A 52982
Adriasola G 21100
Adriazola G 31880
Aebi H 27839 28073 30603
Aerts F 49304
Afanas'ev I N 31185
Afanas'eva E M 37137
Afanas'eva K A 45104
Afanas'eva V M 7882 53042
Afendulis T C 49125
Affeldt J E 18152 28140 48757
Affolter H P 6123 6124
Afifi F 54010
Afonova V N 49438
Áfra D 16276
Aftahi F 5730
Aga A V 52864
Agache P 37876
Agadzhanian N A 45898
Agaev B A 18186
Agafonov F A 31160
Agafonova V N 5954 45769
Aganiants E K 13858
Agapitova A S 33251
Agapkin I N 45136
Agapov Iu ia 18196
Agapov P A 33169
Agar W T 37085
Agarwal I P 16289
Agarwal K L 5169
Agarwal L P 20126
Agarwal R 17420 50619
Agarwal S 2104
Agathon S 16814
Agati G 19244 19245 19246 29604
Agatov P A 36390
Agazia L 36835
Agazzi C 13495 23913
Agee J W 24469
Ageev A K 45705
Ageev I Ia 22698
Ager J A 2160 7214 52361
Agersborg H P Jr 46092
Agna J W 4867
Agner O 11884
Agneray J 24788 47353
Agnes Miriam, Sister 16189
Agnese C A 43922
Agnew C H 12686 22163
Agnew H 14574
Agnew H R 14579
Agnew L R 17686
Agnoletto L 7724
Agnoli S 3912 3913
Agosti L 42479
Agostinacchio F 2882
Agostini B 9316
Agostini L 32115 32116
Agostino E 7516
Agosto D 39527
Agostoni A F 16813
Agostoni E 1905 16813 36776 37330 37331 37332 42654
Agote Poveda I P 8804
Agote-Poveda I P 44492
Agranat V Z 39610
Agranenko V A 41511
Agranoff B W 28243
Agranovskii Z M 33335
Agrawal P L 46863
Agrawal S 861
Agrawala V D 50608
Agrell I P 32620
Agrelo R 9732 32459
Agress C M 35641
Agrest A 31019
Agresti A 39679
Agrifoglio G 42689
Aguadé J P 16089
Agüero L 44526
Agüero O 8937 8938 12406
Aguggini G 13944 49339
aguiar E A de 8762
Aguilar H D 8723 44400
Aguilar Giraldes D 44397
Aguilera Cuenca R 18858
Aguilera Maruri C 35536
Aguiló C 3175
Aguirre M 8817
Aguirre A 13899
Aguirre C 30993 30995
Aguirre M 44484 44493
Aguirre S C 43933
Aguzzi A 6798
Ahearn R E 40304
Ahern A M 12309 17017
Ahern G J 26068
Ahern R T 4787
Ahern T M 18046
Ahlas A 24830
Ahlbäck S 35446
Ahlem J 16672
Ahler J 3359
Ahlers P 17536
Ahlgren M 35273
Ahlinder S 22120 22121
Ahlvin R C 12363
Ahmad M D B 6480
Ahmed A 28608
Ahn K J 24721 30149
Ahnefeld F W 38434
Ahnfelt S 32979
Aho A 36001 36113 36114
Ahren K 35142
Ahrens C A 15987
Ahrens C B 55680
Ahrens E H Jr 31359 51337
Ahrens R 25393 35258 46048 52555
Ahronheim J H 6993 34943
Ahumada J L 20653
Ahumada Padilla M 8904
Ahvenainen E K 24885 24895 47490
Aicardi J 20651
Aickin D R 52704
Aiello G 32157
Aigueperse J 51881
Aiiso K 4341
Aikat B K 49995
Aikawa J K 19700
Aikman W O 54654
Aillot J 19767
Aiman R 16326 40093 40101
Aimard G 40464
Aimi K 15740
Ainis H 2686 38086
Ainley A D 14122
Ainslie D 2095
Ainslie W H 41176
Ainsworth G C 2247
Ainsworth J 37632
Aird I 38004
Aird R B 41192
Airian A P 10726
Airth G R 37635
Aita J A 3658 7262
Aitken A P 48767
Aitken E H 29002
Aitken E V 53730
Aitken J H 8025
Aitken R N 50300
Aitken T H 44097 47266
Aitken-Swan J 18416
Aivazian A I 20204
Aivazian A V 45141
Aizenberg V N 22686
Ajello L 12762 12763 12790 42516
Akabay N 54013
Akagi G 44650
Akdilli R 31099
Akenhead W R 2895
Akerman R 6726
Akeroyd J H 1782 33662
Akester J 44864
Akhaladze G L 31187
Akhilananda S 28031
Akhnazarova V D 11493
Akhutin M N 45656
Akilov A A 33655
Akimochkina Z E 45770
Akimova V V 34646 34647
Akiyama K 28862 39367 51247
Akiyama S 22255
Akka R I 45550
Akker S van den 49618
Akkerman B Z 54547
Akkerman V V 6039
Akkoyunlu A 25477 39912
Akman L C 21802 40954
Akopian A T 22496
Akopian N E 39331
Akopov V P 31188
Akovbiantz A 22203
Akroyd R 20589
Aksel I S 44732 44740
Aksent'ev S B 18303
Aksiantsev M A 28818
Aksoy M 14202 45478 45484
Aktan H S 13157
Akulinin A A 47869
Akulinin I A 45234
Akylbekov K M 55783
Al' G E 31166 45110
Aladame N 13043
Aladjem S 49833
Aladjemoff L 34915
Aladzhalova N A 37194 49517
Alagille D 8877 9007 21749 25450 37928
Alajmo E 1859
Alajouanine T 9128 27344 37933 44736 44737 44745 44748 54107 54882
Alam S M 34314
Alamilla G 2930 38504
Alamillo J 1816 37259
Alanen Y O 24089
Alano J 3065 15109 15122 26662 26670 26818 54912
Alapin B 30078
Alapin G Ia 55152
Alarcon J L 6609
Alarcon R 13896
Alasheev P E 39330
Alastuey Pruneda A 29354
Alba Puppo Q F 1558

Albacete R 45089
Albach E 3243
11165
Albahary C 984
32406
54295
Albaladejo L 29542
29543
Albanese B 31697
44357
Albanese F 11833
Albano A 13926
35364
Albano E H 28041
Albano O 37382
42662
Albano T 42626
Albarede P 21285
Albe-Fessard D 48047
Albeaux-Fernet M 9183 9650 14380 26799 37937
48939
Alberdi Frias J M 1811
8853
Alberdi Gofii J M 1811
Alberghina G 19181 19182 19183 19184 19185 19186 39702
Alberici R A 3318
Albernaz P M 8760
Albers C 30490 30491 30492 30493 30576
Albers E C 35770
Albers J E 54679
Albert A 1664 7197 17022 17027 17039 35137 39224 49274
Albert C A 47315
54707
Albert E 40992
Albert F 26188
Albert H M 22059
Albert R S 40859
Albert S 40534
Albert S N 12420
47315
54707
Albert Z 6080
Albertal H 21772
Albertazzi F 6821
6824
19170
Albertengo A G 24742
Alberth B 28856
Alberti A 2878
26583
53243
Alberti C 3550
3551
3552
Alberti G P 2964
Alberti S 31727
Alberti V J 8680
Albertini A von 32287
32291
Albertini Caraccio M 42562
Albertson T 39197
Albertsson P A 19487
Alberty R A 40495
Al'bitskaia E F 39579
Al'bitskii B A 18271
Albores J M 9674
Albornoz Medina C 44552
Albrecht A D 40395
Albrecht A M 40453
Albrecht D 43801
Albrecht H 23184
Albrecht J 13653
20100
Albrecht K F 29106
38420
45463
Albrecht M 47945
Albrecht P 46778
Albrechtsen O K 32240
Albright B J 27252
Albright E C 1141
11078
28540
49260
Albright J B 5846
Albright J F 27395
47564
Albright R W 5846
Albrink M J 33058
34870
Albrink W S 46434
Album M M 7678
Albuquerque P F de 55041
Albury M N 1302
47621
Alcalá-Santaella Núñez F 42202
42213
Alcántara E C 18832
Alcantara Herrera J 51666
Alche S 31018
Alcocer-Cuarón C 54416
Alcock W T 28334
Alcorn H W 50657
Alcott D L 5530
Aldave A 34948
Aldea A 46074
Aldebert C 24756
Aldeghi E 25606
Alden H S 46385
Alder A 54342
Alderman D B 24497
Alderman L W 42127
Alderson T 7222
Aldighieri J 14439
14451
Aldighieri R 14439
14451
Aldinger F P 42296
Aldman B 10159
Aldo M 1095
Aldrich B I 13728
Aldrich D V 2444
Aldrich F L Jr 40491
Aldrich P J 40248
Aleem M I 28218
Aleikina I A A 10794
Alejo Pedrero M 51632
Alekina G K 7905
Alekperov M A 10230
Aleksandrov A F 18254
Aleksandrov E P 33276
Aleksandrov I N 45719
55220
Aleksandrov N I 45890
Aleksandrov P V 5950
Aleksandrov S N 6635
33575
Aleksandrova A E 33188
Aleksandrova A V 55307
Aleksandrova E 32818
Aleksandrova L I 34702
Aleksandrovich G L 10712
Aleksandrovskii A B 34683
Aleksandrow D 20462
30726
43150
53183
Aleksandrowicz J 27455
27456
Aleksandrowicz T 30711
Aleksanian A B 33495
Alekseenko N Iu 11507
Alekseev A K 45898
Alekseev B A 10800
Alekseev G I 37221
Alekseev M A 11523
Alekseev N G 51222
Alekseev P P 41684
45666
Alekseeva A A 22531
Alekseeva G S 3571
Alekseeva L N 11469
11470
Alekseeva M V 3836
Alekseeva A P 46319
Alekseeva S I 10771
Alella A 12055
Alemà G 32126
Aleman M 6580
Aleman S 10194
Alemany-Vall R 24304
Alemquer M de 926
49730
Alencar J E de 44430
Alertsen A R 320
321
Aleshin N G 22632
Aleshina E N 36401
Alessandri H 8905
53958
53963
Alessandri L 54276
Alessandrini A 42625
Alessandrini I 8912
Alessi R 44669
Alessio F 39657
Aleu F 16977
Aleutskaia O N 39336
Alex R 6319
51399
51401
51402
Alexander 35506
Alexander A D 12726
Alexander A M Jr 20087
Alexander C J 48506
Alexander C P 31592
Alexander C S 31327
Alexander E Jr 39152
50369
Alexander E A 30109
Alexander G J 28271
Alexander G L 9618
Alexander H E 5011
Alexander I E 17351
Alexander J 7448
Alexander J G 4880
Alexander J O 9623
Alexander L 11672
Alexander M 9499
28218
46804
Alexander N M 40559
Alexander P 31605
Alexander R S 2918
Alexander R W 21985
Alexander T 50047
Alexander W A 7430
Alexander W D 15048
41839
Alexander W M 40352
Alexander W R 4157
36303
37696
Alexandre 408
Alexandre J 24237
Alexandridis D 35121
Alexenco E 34501
Alexiu O 18541
Alfano C 53776
Alfano G 6782
19158
Alfaro de la Vega G 38509
Al'fer E G 46300
Alfert M 3507
3508
Alfieri A 30683
Alfieri R 15091
26982
Alfin-Slater R B 5558
Alford K F 24388
Alfred E S 44263
Algan B 6487
Algeo J W 14512
Alger L J 8638
Alger N 47073
Algodoal F C 27422
Algranati G 3865
Alha A 27124
27137
Alhomme P 1465
Ali R 7324
43051
Alichniewicz A 20439
20442
Aliev B M 51220
Alieva F A 10828
Alieva S I 18901
Alieva V I 33627
Alikishiev R Sh 9919
Alimova M M 22652
Alimurung M M 496
Aliperta A 1533
1536
1541
Alire M L 4715
Alison F 8877
53030
Alivisatos G P 23010
Alivisatos S G 47973
Alix y Alix J 8811
53900
Alkiewicz J 29422
Alkjaersig N 4861
10332
33070
Alkene J F 53697
Allain D S 47267
47268
Allaines C d' 1467
36670
43957
Allaines F d' 20804
Allaines J d' (Mme) 36670
Allais A 38687
Allam M W 41187
Allan F N 16574
Allan J C 14314
40796
Allan W B 14744
Allan W S 41813
Allanby K D 39731
Allander C 36269
Allansmith R 831
Allanson B R 2442
Allard C 2701
Allbrook D 3396
40639
Allbrook D B 5570
Allcock E A 46851
Allcock J M 48591
Allegra F 3906
Allegra L 13951
Allègre G 6287
26366
26371
Allegre G E 24880
Allegri A 19398
Allegrini J 38745
Allen A R 6536
11799
Allen A R 15557
Allen A W 528
Allen B K 4765
Allen C 53659
Allen C R 24759
Allen D G 7647
Allen D W 50464
Allen E H 28249
Allen E V 31246
48715
Allen F H Jr 33661
42149
Allen F W 47699
Allen G S 27515
Allen G W 41898
Allen H F 50187
Allen I M 52702
Allen J G 16653
54777
Allen J H 24567
Allen J H Jr 824
Allen J M 12920
Allen J R 6748
Allen K D 47235
Allen K L 9821
Allen L 28196
32532
Allen L R 55887
Allen M 35805
50939
Allen M B Jr 43126
Allen M R 46366
Allen P B 20789
48575
Allen P H 4627
Allen P R 9842
Allen R 45375
Allen R C 12770
Allen R D 3500
16943
27400
Allen R H 26389
Allen R M 28643
Allen R W 5599
Allen T H 8022
8023
47133
Allen W M 38586
38602
Allende C I 1845
Allgén L G 22129
Allgower M 10269 27376 30266 39844 39851
Alli J H 25126
Alliband G T 57
Alliez J 9133
29187
29194
Allison A C 4800
8297
35718
52399
Allison F Jr 42825
Allison H M 12386
Allison J B 2605
Allison J H 14083

Allison J L 1694
22610
Allison S T 35919
Allman D B 3583
5074
52146
Allmark M G 14635
17954
Alloiteau J J 26896
15077 15087 44625 48819
Allori L 223
44322
48751
Allport G W 26077
Allred J B 5539
Allweis C 5494
Allwood M J 17968
Allwright W C 20133
Alm K F 23826
Almansa de Cara S 21104
Almansi R J 53636
Almaraz Quintana C 53898
Almaraz Ugalde A 26395
Almasy F 44928
Almeda E 11680
Almeida A J de 28092
Almeida A S 44468
Almeida A S de 40224
44475
Almeida M G de 29357
Almeida R de 16483
Almeida Neto E de 44460
Almendra C A 31022
Almici C 3887
16028
31114
Almon L 17818
Almonacid C 346
Almond C H 147
Almy T P 33052
Alnor P 5865
22209
Alnor P C 33975
Aloïsio R C 15172
15173
Alons F 7342
Alonso A M 39990
Alonso H G 48686
Alonso M R 15479
Alonso R 23522
Alonso Borges R 25675
Alonso Carrión P 29545
Alonso del Campo E 8847
Alonso-Lej F 14405
54749
Alonso Sáinz F 1544
Alonzo E 8923
Alonzo M 32087
39668
Alonzo N F 38061
38062
Alov I A 37191
Alp H 52270
Alpen E L 23314
8520 8534 23316 25927 53741
Alper A E 605
Alper C 12428
Alper T 52442
Alper Y 22072
Alperin H 1445
Alpern M 11682
79 80 28003 47046
Alperovich A 44405
Alpers B J 22721
Alpert M 50507
Alpert S 32526
Alphin R S 51077
Alpsoy C 32996
45477
Alpstäg H 11299
Alrich E M 45817
Als E 10618
Als-Nielsen A 47922
Alsen V 42338
Alslev J 27180
Alssandri M 1102
Alsted G 10650
11969
22436
Alt H L 4484
31443
31583
55888
Alt W 27497
Altarovici J 47353
Altchek A 627
Altdorf H 44011
Altemeier W A 1241
11780
Altes F 11275
Altenberger S 28838
Altenburg S 1595
Altenhein D 20244
Alteras I 19454
52280
Altés A 55000
Altevogt R 25261
Al'tgauzen A A 25726
Althabe O M 21797
Althammer R 41745
Althoff H 1330
15780
25268
39914
Altinli A 52231
Altissimi C 39699
Altland P D 31434
Altman I 20310
Altman K I 42967
Altman P L 23354
Altmann E 31017
Altmann F 112
21839
22776
34926
Altmann L 4057
Altmann V 21740
Alton G G 17108
Altorjay I 18600
Altorjay I 55701
Altounyan R E 18421
18422
Altrocchi J 17120
Altschul R 2206
Altschule M D 11636
30132
Altshuler B 44298
Altshuler L N 47210
Al'tshuler N S 31190
Al'tshuller L I 5981
Altszuler N 47120
Altucci P 1927
330 1926 1928 9364 13998
Altunkov P 41581
Altus W D 17186
Alvarado A 27586
Alvarado J 30456
Alvarenga A E 21068
Alvarez A A 16837
Alvarez A F 25044
Álvarez A R 31019
Álvarez A S 8696
18457
18458
Alvarez C G 8968
Alvarez G H 53363
Álvarez L M 21786
32460
Alvarez M A 21109
Alvarez R 25675
Álvarez V 13895
Alvarez W C 3784 3785
3377 3786 3790 3798 39568
Alvarez Bravo A 8943
27580
Álvarez Cascos M 31842
Álvarez de los Cobos J 1819
Álvarez del Puerto H 8831
Álvarez Echezarreta A 13529
Álvarez Flores G 21128
Alvarez Ierena J de J 27581
Álvarez Pita G 21103
Alvarez Romero E 8953
Alvarez Tamayo E 8825
Alvarinhas F 37283
Alvarinhas F M 44416
Alvaro E 53930
Alvaro M E 8738
Alverson G 4867
Alves A C 44375
51634
Alves J de R 53852
Alves W 2460
2465
2470
14459
Alves de Carvalho A 23646
Alves de Sousa M 32327
Alvik I 54959
54961
54962
Alvim E de F 37260
Alvim F 50081
Alvin A 32833
32853
Alving A S 1138
31400
Alvis H J 29
Alvisi C 1953
27659
27670
Alvizouri M 11749
Alvo M 21188
21195
Alvord E C Jr 5486
19656
Aly F W 378
41730
Alzate R 34937
Amadeus, Sister 40012
Amado G 51499
Amado R 37858
Amador C M 21161
Amador E 46959
Amagai H 33443
Amaldi P 44363
Amaldi U Jr 53827
Amalfi M 45395
Amalric 31991
Amalric R 18009
41406
41408
Amann W 29402
Amano T 17254
Amante L 3584
39354
Amante S 6807
6813
36816
Amantea L 46640
Amar A D 16572
40306
Amaral E G do 15952
39464
49729
Amaral J P do 8743
21053
21058
Amasio C 51956
51957
51966
Amat E 31832
Amat Aguirre E 8876
Amatunian V G 18306
Amaturo G 15027
Ambanelli U 42579
Ambe K S 44975
Amberg R 12378
Amberg W 22494
Amberger A 27889
Amberson J B 14396
Ambesi Impiombato G 13126
Ambos E 51255
Ambrogna J L 15525 27210 27222 27239 39092 39106 39131 49149
Ambrose A N 55011
Ambrose C T 37905
Ambrose E J 26005
27399
Ambrosi C 23642
44990
Ambrosi V 192
46582
Ambrosio L 13990
Ambrosioni P H 31026
Ambrosius K 1820
Ambroso G A 6806
Ambrosoli S 3869
Ambrus C M 16611
Ambrus J L 16611
Ambrus L 35887
Ambrus M 51436
Ambs E 18328
Amblihl H 29781
Ambuel J P 41274
Amchová-Prazaková E 2786
Amdrup E 14143
27101
33844
Amdur M O 11604
Amedoro G 9367
16017
Amelar R D 18153
Amelina O P 45228
Ameline A 27705
Amelung D 38965
41732
Amelung W 15416
Amerault T E 14469
Amerio A 8046
1874 1875 37395 37396 42586 42659 53586
Amerio G 8363
Amerman E E 5730
Ames A III 50916
Ames F 50828
Ames R H 52750
Ames R W 19452
Ames S R 1261
Amiantova L D 11491
11492
Amiassorho T G 21159
Amici A 44800
Amici F 6805
Amici R 32475
54483
Amiel C 10968
Amiel J L 25448 26814
433 53979 53985
Amil M 45099
Amin B M 16309
Amin F 28670
Amira A 8664
Amirov F F 49220
Amirov Kh N 46824
Amitai P 36548
Amitin V I 10777
45729
Ammon R 49900
Ammundsen E 18578
Amoore J E 37080
Amorim A A 20246
Amorim L de B 13607
Amorim M de F 21169
25666
Amoros F 411
Amorosa M 3541
Amoruso M 49585
Amos D B 13251
17775
Amos H 1399
1703
10877
22591
Amos J A 2190
Amosov N M 49219
Amosova N R 47886
Amphlett J 4395
Amplatz K 50202
Amprino R 3447
23566
Amreich I 41710
Amsel A 5047
Amsler E 39848
45581
Amsler R 15219
15228
38783
43737
Amsterdam D 31360
46908
54834
Amstutz C 37921
37922
Amulree 46745
Amulree L 8429
Amunategui A C 51630
Amunts V V 34739
Amyot G F 26414
Amyot R 8229
22466
Anagnostopoulos C 26315
26335
37850
Anamiah E 28282
Anand N 5090
Anand S S 17441
Ananenko A A 20295
Anan'ev M G 32577
Anan'ev V A 45251
45252
55776
Anan'in V V 34622
34623
Anantachari M D 17429
Anapios R 20654
Anast G T 10117
Anastasi A 8418
Anastasio J V 21114
Anastasopoulos G 5503
Anastasov A 8256
32782
Anastasov K 28749
Anatolii S A 34661
Ancel M 27947
Ancel P 4976
38649
Anchel M 25415
25416
Anchelevich V D 21808

Anchersen P 54947
Ancheva G 45307
Anciaux H 44885
Ancona A 1851
Ancona L 1520
Andarelli L 1428
Anderes W 39750
Andermann I 34550
Anders C 34531 52262
Anders G 15369 38892 42931
Anders W 23145 46226
Andersch H 34555
Andersen A A 28212
Andersen A C 706
Andersen A P 22392 45498 45499
Andersen B 32253 44905
Andersen B R 23449
Andersen D H 7871
Andersen E W 11873 23537 23938 38849
Andersen H A 13311
Andersen I 23692
Andersen J 10964
Andersen J G 54695
Andersen K S 5736
Andersen M N 19897
Andersen N 42175
Andersen O C 23877
Andersen O S 22408
Andersen P 10618 45418
Andersen P E 35415
Andersen P T 35283
Andersen S R 23872
Anderson A A 50731
Anderson A D 11063
Anderson A F 24154
Anderson A J 14162
Anderson B 44147
Anderson B B 20709 26035
Anderson C 16672
Anderson C H 49259
Anderson C R 44097 47266
Anderson C W 24634 41084
Anderson D 31437 31438
Anderson D A 28279
Anderson D C 2695
Anderson D G 50349 55417
Anderson D L 17812 31441
Anderson D O 4773 14655
Anderson D P 42816
Anderson D V 31421
Anderson E 3427
Anderson E 15680
Anderson E C 8449 14417 21681
Anderson E I 16919
Anderson E P 13748
Anderson G D 43172
Anderson G E 51920
Anderson H E 4462
Anderson H H 11595 36567
Anderson H M 13803 44068 52392
Anderson I O 5243
Anderson I G 30142
Anderson J 37690
Anderson J C 14172
Anderson J D 9819 18108 32496
Anderson J E 33545
Anderson J H 45918
Anderson J M 49724
Anderson J R 117 13000 18459 42160
Anderson K 42088
Anderson L 19520 47718
Anderson L D 509
Anderson M C 54709
Anderson M H 4089 40003
Anderson M J Jr 27552
Anderson M W 6971
Anderson N G 27395
Anderson N H 28341
Anderson N S 5061 17268
Anderson O W 2309 31601
Anderson P J 19780
Anderson P S Jr 4716
Anderson R 26605 50024
Anderson R A 40397
Anderson R B 40337
Anderson R C 174 1039 5346 34988 41269 49169
Anderson R E 865
Anderson R F 1313
Anderson R J 13909
Anderson R L 7153 10979
Anderson R L Jr 54737
Anderson R M 2513 18112 23326 51022
Anderson S A 53
Anderson T E 77
Anderson T P 13488 47778
Anderson W 42952
Anderson W A 12740 40109
Anderson W D 35790 47130
Andersson N 43231
Andersson B 19688 35017 35384 45319 51813
Andersson E 33384 35099
Andersson H 32858
Andersson L 10192
Andervont H B 17783
Andina F 29096
Andino A 53341
Andino Pavlovsky A 15498
Andleigh H S 12797
Ando M 3600 7211
Andolz F 8848 44504 44512
Andonov P S 22701 33647
Andor G 9463
Andrada J A 53359
Andrada J G 25952 43884 43890
Andrade E 21144
Andrade L D de 53883
Andrade L M de 8778
Andrade M A de 21062 51641
Andrade Z A 36897
Andrade Portela R I 43878
Andrade Sobrinho J de 8740
Andrássy L 22812 41623
André 41136
André A 21329
André F 48795
André J 36158 38639 47399 47400
André L J 6416
André P 21349 31945 31965
André R 20660 20675
André-Gadras E 6416
Andrea M O 42199
Andreae E 36326
Andreani D 3863 3882
Andreani G 27660 27661 27662 27674 27676 28695
Andreas H 3940
Andreassen M 10594 10620 11867 18357 38846 47925
Andrée G 30524 30525
Andreev B 28734 32759
Andreev D 32756
Andreev L 32799
Andreev S F 6040
Andreev T 41584
Andreev V 32758 45286 45295
Andreev V A 32568
Andreeva E I 12152
Andreeva M 20774
Andreeva M P 53458
Andreeva N S 25905
Andreeva O M 9886
Andreeva O S 39613
Andreeva V I 9890
Andreeva-Galanina E Ts 33326 33329
Andreini G 36787 36792 54228
Andrejević M 29393
Andrejew A 13800
Andrén L 35282
Andreoli C 29625 42658 52028
Andreoli M 3863 3882
Andreone A 42664
Andreoni O 29741
Andreotti L 1968 1969 1970 37411 37412 37413
Andres R H 5877
Andrésen D C 17580
Andresen R H 22306 29873
Andreu Kern F 4070
Andréu Oller L 44519
Andreuzzi P 27467 37431 37437 37438 39364 48990 52083
Andrew O 34902
Andrewartha H G 52436
Andrewes C H 21525
Andrews B E 2209
Andrews D 46890
Andrews E D 19552
Andrews F N 12733 17809
Andrews G A 54724
Andrews H L 20930
Andrews H S 17570
Andrews J M 16686
Andrews L P 19955
Andrews M M 48231
Andrews N C 5872 24724
Andrews W H H 47611
Andrezen E E 22553
Andria M 9414 21483
Andrieu G 26955
Andrieux C 25106
Andrisano R 36954
Andriushin Iu N 47866
Andrivet R 21256
Androulakakis A 34364
Andrzejewski C 35018
Andujar J J 10264
Anduze-Acher H 19770
Andy O J 43126 50939
Anello V J 3332
Anemona C 7513
Anfossi C 36810
Anfrés P 44502
Angel A 20997
Angel W 55516
Angela S 13516
Angelakos E T 446 12561 36584
Angelergues R 5801
Angeletti E 49402
Angeletti P U 48098
Angeli A 25529
Angeli F 1499
Angeli G 6053 25547 37394
Angelico R 53805
Angelini C 32128 48099
Angelini F 8054
Angelino P F 6912 14032 35635 36690 47750 52085 52088 52089 52091
Angell E 41294
Angelo G 530
Angelov A 32781
Angenot I 48362
Anger 15285
Angervall G 35724
Angervall L 23953 23966
Anghinah A 43481
Angiboust R 51483
Angielski S 53202
Anglade 42424
Anglade G 42447 54155 54159 54160
Anglade J P 14366 14371
Angiesio E 42619
Angliker E 49322
Angove R 2223
Angrisani G 39673 39679 39686 39691 51988 53770 53780
Angrisani P 15245
Angrisani V 36207
Angrist A A 15551
Angulo O 1820
Angus D L 14580
Angus T A 2569
Angyal J 37241
Angyal L 4129 46080
Angyal S J 47718
Ángyán A J 44211
Angyán J 52907
Anichkov M N 10742
Anichkov N N 25753
Anichkov S V 33171 33471
Anigstein L 10241
Anikandrov B V 41504
Anikevich V A 22635
Anikin I D 45659
Anishchenko I S 12134 33583
Anisimov I T 32562
Anisimov P I 34619
Anisova A A 7931
Anjos M B 4353
Anjou A 41396
Anke W 43524
Ankenman G J 14652
Anker H S 7951
Anker L 30619
Ankermann H 23597
Anlyan W G 4518 27545 33081 46520 54668
Anmuth M 12479
Ann Joachim, Sister 16175
Annamuntho-do H 12864 22712
Annan C M 35877
Annan G L 14401
Annau E 25426 40905 52424
Annear D I 25776
Annest L 22735
Annis J W 28350
Annoni G 48750
Annoni S 52022
Anokhin P K 24054 49529
Anokhina S V 11495
Anos J 42561
Anosov N N 28810
Anques J 6353
Ansari M A R 1040
Ansari M Y 5163
Ansbacher H L 20842
Ansbro F P 12974 19910 34969
Anschütz F 13081 27156 33996
Ansel R 3270 29035
Ansell B M 14036
Ansell H B 43152
Ansell J S 618
Anselmi A 670
Anselmi G 19390 35625 36939
Anselmino K J 15980
Anselmo C 31402
Ansfield D J 11075

Ansfield F J 22906
Anso T 16467
Anson B J 1188 6227 10073 31579 54753
Anson J H 35062
Anstreicher K 3187
Ant M 902
Antaki R 15174 15175
Antal E 29164
Antal J 24016 24028 38175
Antaloczi S 36036
Antalóczy Z 11182 27447 46107
Antanasiu P 47412
Antelava N V 9882 54550 55184
Antener I 16370
Anterion H 21757 47753
Anthony A 54581
Anthony J 37579
Anthony J E 22025
Anthony J E Jr 5343
Anthony S O 22176
Anthony W L 31401
Anthony W P 41900
Antia F P 18408 27989
Antić N 35060
Antić R 51723
Antila L 47369 24796
Antila L E 24831 24852
Antipina A N 27312
Antoine (Mme) 31051
Antoine G 47373
Antoine M 18011 18012 18013
Antolini C 37510
Anton A H 50345
Anton H U 11314
Antón V 8855 8856 8865
Antón Garrido T 44485
Antón Pacheco L 44491
Antonacci D 3896
Antonaci B L 1937
Antonello C 37294
Antonescu E 51812
Antoni A A 17875
Antoni N 45342
Antoniani C 38548
Antoniazzi B 44313
Antonijević D 39707 39708
Antonini E 13407
Antonini E 47952
Antonini F M 9939 37422 37423
Antonini M 54280
Antonio G 44320
Antonio Zeolla O 32456
Antoniotti F 245
Antonipulle P 14473
Antoniuok M R 55223
Antonova L T 43547
Antony M 52889
Antoš J 39031
Antoš K 39032
Antunes T 8821
Anunziato L 53361
Anwyl-Davies T 18714
Anyżewski J 43692
Anzano O 36833 36834
Aoki K 7166
Aonuma S 49235 49236 49237
Aoyama Y 16444
Apajalahti E 36038
Apak S 34114
Apakidze V K 18236 41514 45229 54573
Apakova S A 45700
Aparicio A 31838
Apatenko A K 41658
Apelbaum J 8979
Apelo R 7993
Apelqvist G 20353
Apffel C A 25922
Apgar V 28143
Aplas V 3207
Apley J 53509
Aponte A J 40236
Aposhian H V 13830
Apostolakis M 35121
App A A 1391
Appel B 36338 43152
Appel J Z 4632
Appel K E 47172
Appel W 29912
Appelberg B 35387
Appelmans 36693
Appels A 42903
Appleby L 28645
Appleton R 50225
Aprigliano F 8748 31810
Aprison M H 5477 25433
Aprosina Z G 45102
Apte N V 4188 4189
Aptekar H H 24585
Aptekareva E I 9859
Apter I M 46338
Apter J T 24566
Aquaro G 52086 52089 52092
Aquino C 16121 44438
Aquino C de 16119
Ara M 31762 31763
Arabehety J 12522
Arabehety J T 31024
Arabin H 55750
Aragão J B de 13588
Aragon L 44638
Aragona F 29698
Aragona V 8190
Arahama M 4339
Arajärvi T 47492 47493
Arakawa K 41018
Arakawa T 22264 22265
Arakcheev A I 45164
Araki S 18364 52586
Arancia L J 4586 50269
Aranda L 31876
Aranda S 24326
Arañez J B 4616
Aranow H Jr 2363
Aranson A 41088
Arany L S 12795 47215
Arase M 28387
Arata N N 48757
Arato C 42751
Araújo J de 20245 43480 43486
Aradjo J de B 49728
Aradjo M B de 36905
Araujo Belloso J 21167
Araújo Filho H G de 28090
Arauz J 8705
Arauz J C 8175
Aravanis C 23643
Araz A 45434 45435 45436 52416
Arbelt S R 12250 35638
Arbelo Curbelo A 1809
Arbo J C 23719
Arboleda Diaz C 44546
Arbuckle B E 16688
Arbuzov S la 33462
Arcadi J A 5921
Arcadio F 41399
Arcangeli A 25584
Arcay Solá A 8947 8950
Arce J 9695
Archambault A 38709
Archambault G F 4125
Archambault P 41000
Archambault R 41000
Archer B C 32493
Archer C J 51344
Archer D M 27423
Archer E J 17261 28336 28337
Archer G T 18038 19498 36992
Archer M 50301
Archer R K 52441
Archetti I 31704
Archibald H M 37681
Arcidiácono N V 53950
Arco M T 42375
Arcoleo G 9378
Arcomano J P 12712 49485
Arcona S 49056
Arcos J C 13636 36922 36935
Arcos M 13636 36922 36935
Arct W 38464
Arcuri J 43909
Arcuri P B 16355
Ardaillou R 9025 53980
Ardaiz-Soicha-ga J 8864
Arden G P 20475
Ardenne G D 26890
Ardenne M von 11181 22966
Ardimento G 21436
Ardisson J L 26773 32057
Arditi E 29734
Ardoino A L 1486 1528 13953 21297 37305
Ardoino L A 13952 36708 37469
Ardouin 31997
Ardouin M 31996
Ardouin P 9073 31930 44660 44661
Ardran G M 14420 26090 31614
Ardry R 54881
Arduini A 5520
Arduino E 8739
Are R 43932
Arealis E 55553
Arean V M 11750
Arel F 32992
Arenal V 53941
Arenas N 8708 20045
Arends A 50712
Arendt A A 10953 55305
Arendt J 47220
Arendt W 22921 25353
Aresu G 21004 27762 27768 53791
Areta J F 8197 8198
Areta J M 8198
Aretinskii B V 52980
Arfel G (Mme) 36670
Argal I 20166
Argay I 41986
Argenta G 32129
Arghittu C 19187
Argil G 3681 6612
Argonz J 31801
Argonz V E 24743
Argozorov E G 8260
Arglielles A 8690 8699
Arglielles A E 50437
Arguelles Teran L 44536
Argyros T G 29271
Arhiri M 9468
Aria Vallejo E 8852
Ariaev L N 45852
Arian E 42692 42698
Arianoff A A 9505 40967
Arias B A 21250
Arias I M 49713
Arias Alvarez A 31819
Arias Bellini M 8700
Arias Capetillo O 31864
Arias-Stella J 23469
Arias Vallejo E 44508 44517
Arieff A J 8470 8471 43125
Ariel R B 27219
Ariens E J 20315 49600
Arient M 19492
Arienti A 36784
Aries P L 50213
Arievich A M 22502 36382
Arima J 26787 48932
Arima K 2807 2808 2809
Aring C D 7952 29267
Aris-Dijkstra M 29980
Aristovskaia T V 19105
Ariyoshi J 13328
Ariyoshi U 36175
Ariztia A 40229
Arkaev V A 39604
Arkatov V A 51178
Arkhangel'skii V N 33489 55191
Arkhipova V V 28834
Arkin W 28039
Arko H 11897 24856
Arla J E 43901
Arlet J 9224 21392 21394 26950 40462 47896
Arlet P 9069
Arline R E 28184
Arlt E 22771
Armaly M F 34906
Armand M 39472
Armand P 47755 54044
Armando Soto C 1551
Armant J F 16842
Armas-Cruz R 578 3690 8905 8912 21199 53962
Armatys H 7832
Armbruster O 34066 45823
Armbruster W 45393
Armen D 24408
Armengaud M 49744
Armengol Reixach F 44503
Armijo R 13890 13908 24424 37250
Armington J C 680 790
Armitage G L 877
Armitage H V 877
Armitage P 12654 35941
Armitage S G 53615
Arms A V 17555
Armstrong G G Jr 41172
Armstrong H G 4694
Armstrong J A 25060
Armstrong J G 2617 28597
Armstrong J T 47003
Armstrong M D 43499
Armstrong R G 4912
Armstrong S H Jr 50717
Armstrong W A 19510
Armstrong W G 40764 40765
Armstrong W M 7165
Armuzzi G 27640
Arn H 54342
Arnal M C 26739 26755

Arnaud G 14451 43776
Arnaud J 26219
Arnaud M 6397 28091 35045 51440
Arnaudet M 17651
Arnaudov D 28700 28747
Arnavielhe-Bony M 19350 24773
Arndt E M 4053
Arndt H 37005
Arndt H J 3957 42327
Arndt J 55722
Arndt W F 31321
Arne L 44733
Arneil G C 20545 32364
Arnemann W 2289
Arner B 35125 54801 54807
Arner O 35075 36595
Arner R S 696
Arnesen K 22247 23946 23947
Arneson W A 17615
Arnfred A H 45523
Arnfred E 55106
Arnhoff F N 40865
Arnholdt F 42899
Arnold A 884 12702 16103
Arnold E 32053 32329 43842
Arnold E A 14619 28575
Arnold E T Jr 29316
Arnold G E 110 19325 41901
Arnold H L 27789
Arnold J D 33060
Arnold J H 32536
Arnold J S 51302
Arnold M 9834 32323
Arnold O H 11256 15813 23016 32681 33834
Arnold R D 17457
Arnoldi C C 38848
Arnon D I 7168
Arnon H 43517
Arnot P H 10459 45926
Arnott W M 41879
Arnould G 9099 9134 9135 9143 54112 54113
Arnould P 24783 26938 38757 54041
Arnous J 30970 54445
Arnovljević V 10919
Arnstein H R 13774
Arnstein M 24486
Arnulf G 6294 18556 37768 53408
Aroldi A 29561 51970
Aromando L 42225
Aronstam E M 34873
Aron A 13088
Aron C 3109 8895 15146 26877 26946 36048 36509 38762 53952
Aron E 1453 1454
Aron M 26702 26935 43981 53952
Aron-Brunetière R 36052
Aronoff A 2602
Aronoff S 48455
Aronova G N 15769 49536
Aronovitch J 2682
Aroński A 12889 20446 20453 29050 42890
Aronsohn R B 25030 36278
Aronson A E 5841 5842
Aronson D L 35914
Aronson M E 16509
Aronson S G 47251
Aronsson T 32256
Arora M M 27987
Arora R B 5743 40077 40078 40079
Arora V D 4199 50002
Arpai J 19465
Arpesella G 9298
Arquilla E R 28014
Arrans S B 26680
Arrastia F 21127
Arrazola M 8812
Arredondo A 6613
Arrighi A 31008
Arrighi F P 8677
Arrighi L 43895
Arrighi L A 31008 32448
Arrigo L 1985 1986 1987 1988 1989
Arrigoni E 15749
Arrigoni G 42525
Arrigoni I M 33237
Arrigoni O 47933
Arrigoni O M 22157
Arrigoni-Martelli E 37336 37337 37338 37339 37513 37514 49413
Arrington G E 47061
Arrospide Basabe J 1800
Arroyave G 1262
Arroyo J 6611 15516 29381 29385
Arroyo Cabrera M 31872 53978
Arroyo Sevilla E 51623
Arruda R M de 53850
Arscott P M 8661 39553
Arseni C 261 19769 41224 43120 44754 46705 46706
Arseni K 34813
Arsenijević K 51683
Arshas A Kh 31195
Arshavskii Iu I 47983
Arslan M 1179 44656 54423
Arslanov M D 9857
Arsov D 32608
Artamonova L M 5963
Artamonova V A 13859
Artamonova V G 33179
Artaud P 30478
Arteaga A 44562
Artemenko G N 49430
Artem'ev E N 32900
Artem'eva A M 39589
Artem'eva E T 22511
Artem'eva L P 55328
Arteta J L 21151 31840
Arthuis M 44727
Arthur H R 50984
Arthur R P 13164
Arthure H 14049
Artiaco I 44339
Artigas G V 21094 44468
Artigas V 44502
Artime M 18147
Artiukhina N I 25759 36986
Artner F 42921
Artom C 16902 17074
Artunkal S 22378 32995 55085
Artusio J F Jr 957
Artz C P 32718
Aru L 9353 16007 43261
Arustamian T A 18881
Aruthunov V D 55170
Arutiunov V Ia 21891
Arutiunova A S 22661
Arvanitaki A 25518
Árvay A 5880 23742 23743 34472 35367
Árvay S 51420
Arvieri W 25714
Arvola A 44285
Arvold N V 4476
Arvy L 15112 34434
Arzouman J E 22071
Asadov G Z 5952
Asahina E 7166
Asai K 27170
Asai M 2818 14931 18165
Asai T 14912
Asano B I 49665 49666
Asay L D 28594
Asayama R 24108
Asbeck F 10025
Asboe-Hansen G 208 2678 51308
Asbury G F 52769
Ascenzi A 502 53821
Ascenzo Cabello J 7597
Asch L 3109 15146 26877 26946 36048 36509 38762
Aschan E 36032
Aschan G 35309 35313 35314 35315 35339
Aschan P E 21995
Aschenbrenner R 42917
Ascher E 47174
Ascher K R 14474
Ascher L 31670
Aschheim L 7866 20252 20253
Aschieri G 42607
Aschkenasy A 3078 40461 48864
Aschkenasy-Lelu P 15076 26811
Aschner B M 34851
Aschner M 5097
Aschoff J 30526 30577 34029
Ascione A 37370 37371 37372 37373 37374 37375 37376 49586
Ascoli R 21487
Aseev D D 31169
Asensio C 13799
Asfora J 16137 21076 42191
Ash J E 35662
Ash R 20261 51043
Ashbel' S I 3823 54553
Ashe W F 8117
Ashenburg N J 52674
Asher H 44100
Asherman J 49834
Asherman J G 16084
Asherson N 17629
Ashino K 2831
Ashkar E 44593
Ashley D J 4884 32353
Ashley F L 20384 30661
Ashley J D Jr 16852
Ashmore C M 10250
Ashmore J 2704 46956
Ashmore P G 37962
Ashoub M R 44033
Ashton F 53233
Ashton G C 7171 19590 19625 19652
Ashton N 14108 53538
Ashton S 5648
Ashurkov E D 9924
Ashwell A 13811
Ashworth C T 10263 12473
Ashworth T G 9828
Ashworth W J 8541 31617
Asia M A 39099
Asiel M 1331
Asis Ramfres N 21207
Ask-Upmark E 22127
Askanas Z 32260
Askerkhanov R P 18210
Askevold F 19935 24067 45420
Askew M W 20856
Askew P A 43364
Askonas B A 13725 49250 52306
Askovitz S I 11564 11565 16515
Asläksen B B 54960
Aslan A 9242 42576
Aslan C M 8722
Aslan M 51810
Aslanian G G 20832
Asling C W 8536 11544
Asling C W 12924
Asmar J 31956
Asmussen E 12027 32240
Aso K 29810
Asoskova S M 22157 33207 33236
Aspen A J 6755
Asper W 21252
Asperger H 30050 55397
Aspin N 44295
Asratian E A 11505
Assaf M S 13591
Assali N S 3011 5264 35799 40279
Asselineau J 26304
Assem J van den 33134 33140
Assem F J van 30006
Assen G A van 29964
Assenmacher I 38715
Asset G 23375
Assis L M 50435
Asso J 26900 38635 47408
Assus A 26216
Astakhova E I 10831
Astaldi G 21626 42591
Astanina L N 49426
Astarita N C 39109
Astavatsaturov K B 9849
Aste J M 24711
Astengo F 1505 8467 20908 36725 36745 36749
Astiz J M 31003
Astoin M 38654
Aston J N 4796
Aston R 55008
Astore P 27653
Astore P A 19188 39695
Astrachan L 13754 22605
Astrada J J 3112 3114 8992 8994
Astrakhanskaia N A 48048
Aström A 46697
Astruc P 8322 44164
Astrup C 53627
Astrup T 10336 22231 27100 46036
Astudillo M D 26848
Aszalós Z 40051
Aszkanasy C L 2637

Aszkanazy C L 17794
Asztalos G 51426
Ata A A 4951
Ata A H 4958 11306
Ata S 16384 34468
Atabegova M A 22646
Atabek A A 31146
Ataíde S 55521
Atakhanov E I 33469
Atal C K 40377
Atamanov G S 53457
Atanasijković A 21951
Atanasiu M 19349
Atanasiú P 18850
Atanasov A 28701 28720
Atanasov A P 34824
Atanasova D 32766
Atanasova M 16405 28779 32817
Atasagun M 47495
Atay F 25477 39912
Atchley F O 53649
Aterman K 28955 29825 42968 51285
Atherton D R 31347
Atherton H E 45086
Athonisen P 10627
Atiasov N I 18192 32566 55263
Atik M 22059
Atin H L 35670
Atkin I 48310
Atkins E L 48450
Atkins H 44052
Atkins H J 37692
Atkins J 2655
Atkins J B 26040
Atkins L 48055
Atkinson G R 20308
Atkinson J B 20308
Atkinson R C 5021 33125
Atkinson W B 31370
Atlee H B 14575 38051
Atsev E 32735 45291 46310
Attadia E R 8772 21086
Attal C 43006 54448 54449 54450 54451
Attali P 44782 44783
Attarian E 43169
Attarova I N 31171
Attiaso M 15135
Attwood H D 5693
Atuk N O 19972 19977
Atwell R J 921 24733
Atwood E L 40038
Atwood J 19545
Au W Y 50450
Aubaniac R 54161
Aubel G 26297
Aubert F 41378
Aubert J 24300
Aubert L 30477
Aubert M 43959 54443
Aubert P 54106
Aubert X 175
Aubertin 41130
Aubertin E 5320 5321 5327 5329 17652 41103 41117 41118
Aubertin N 52065
Aubigné R M d' 9211
Aubin A 1017 1020 36150
Aubry M 1009 1471 19765 20128 45024
Aubry P 24256
Aubuchon M 16198 40016
Auckland G 37555 37556
Auda B V 1716
Audebaud G 47399 47400
Audenino R 27233
Audia M 12508 35817 47108
Audibert J 26364 26367
Audoinot R 38718
Audouze L 31072
Audrain L 13815
Audy J R 10468
Audy K 14893
Auer K H 34122
Auerbach A B 52782
Auerbach M B 50141
Auerbach M E 41294
Auerbach O 42079
Auerbach R 27404
Auerbach S H 11807
Auerbach S I 23326
Auerbach V H 19554
Auerswald E 944 22898 30052 41725 41769
Auffermaur M 11292
Auffret M 37938
Aufranc O E 28158
Aufricht G 20395
Augagneur J 24779 26689
Auger C 25989
Auger L 26347
Augier J 13039 36086
Augier P 31110
August J T 17064 30102 30112
Auguste C 39480
Augustine D L 29263
Auinger W 22902
Aujard C 26747
Aukland K 43244
Auld F Jr 50103
Aulenbach D B 15259
Aulia 6329
Aulisa B 42542
Aulong C 14360 14361
Aulong J 14366 18631
Aumüller W 1598
Aun Y S 6484
Aupaix M 36515 36522
Aurbach G D 49271
Auria H d' 21075
Auricchio G 35386 43346
Auricchio G 20130
Auricchio L 54204
Auricchio S 3437 13981 13982 15016 20213 20217 20230 20231 31674 31675 39913 52331
Aurizi A 7518
Ausherman H M 54537
Aussannaire M 25442 25487
Austen F K 14990
Austen W G 18124
Auster F 11219
Austermann O 42293
Austin C R 3517 44036 44037
Austin F J 17393
Austin G M 26641
Austin H 39163
Austin J H 2019
Austin S 12966
Austin W H 49213
Austin W T 16844
Austoni M 11953 11971 32694 33997
Austrian R 13767
Ausubel D P 19075
Auterhoff H 1321 47668 52219
Autherhoff H 43606
Autian J 4561
Autio L 24844 32244
Autric C 13059
Autrum H 15703 33937
Auvergnat R 26712 26950
Auvert J 9166 33442
Auvigne 26975
Auvigne J 26273 43750
Auvray C 48915
Auxier J A 23334 23338 27792
Auzépy 44748
Auzépy P 37854 37855
Avachian D 11859
Avakian A A 22496
Avampato J M 31294
Avanzi J J 9708
Avanzi J J 32453
Avanzini C 25570 35012
Avanzino G 1989 14361
Avar Z 51424
Avčin M 29394
Avdasheva L P 46300
Avedisov S S 22539 32567
Avegno R P 8361 24926
Avella A 8576
Avellan L 32713
Avenburg R 31013
Avendaño J de J 8949
Avendaño O 31874
Avenirova A I 7935
Averette H E Jr 22221
Averina E P 51209
Aversaari E 20244
Avery H 27533
Avery J K 17213
Aves E K 50844
Avetisov E S 22551
Avi-Dor Y 13807
Aviado D M Jr 17945 47338
Avilés Nugué F 31825
Avio C M 19189
Avisov P B 10757 10888
Avivi L 13820
Avogadro G B 36586
Avram A 11110 19454 21744
Avram L 9484
Avramov N 22638
Avratiinskaia B A 41694
Avratová-Makešová L 14814
Avron M 13805
Avrutskii M Ia 3411
Avtsyn A P 36399
Awad F I 12772
Awad N A 29669
Awazu S 2815
Awe W 47679
Awwaad S 13484 36697
Axelrad A A 41181
Axelrod A E 13797
Axelrod B 52318
Axelrod D R 31397
Axelrod J 4770 4771 5737 9560 13813
Axelsson J 313 35381
Axer A 40626
Axler G 55598
Axmann K 48658
Axt E 51261
Axt W 12088
Ayari H 55096
Ayers C 15593
Ayers M A 39936
Ayers W A 28217 28219
Aykan F 22371
Aykan T 44740
Aykroyd W R 15754 15756
Aymard M 32910 32911
Aynes E A 7015 52813
Ayoub J E 18688
Ayres A J 24526
Ayres P J 13727
Ayres S Jr 10
Ayres S III 10
Ayres W W 12276
Ayyangar M C R 17422
Azadova N B 22707
Azagra L 29366
Azan L 457 5707 8836 13550 31820
Azán Cano L 8833
Azar J E 55064
Azarnoff D L 20718 41184
Azbukina V D 34776
Azcoaga J E 25660 25662 25664
Azémar R 44671
Azerad E 37924 37925
Azevedo A de C 35030
Azevedo E 53884
Azevedo J F de 50079
Azevedo J G Jr 13619
Azevedo M D 26732
Azevedo M L de 8775
Azevedor R 16479
Azhipa Ia I 1751
Azima H 766 39153
Azina M A 32549 45200
Azizi S 44688
Azizi S P 11946
Aznarez E P 44576
Aznaur'ian K S 47860
Azone G F 37100
Azorin D 41998
Azoulay C 24253
Azoulay E 13043 38645
Azovskaia I I 54553
Azukas J J 36349
Azulay D 20660 31002
Azulay R D 44461
Azzali G 37166
Azzario P 42631 42656
Azzato N M 28561
Azzena D 1505 1514 8467 20908 36769
Azzolini A 29584
Azzolini G 39655
Azzone G F 37101
Azzopardi J G 17882 51026
Baadj A G 25129
Baalen C van 25414
Baar S 7134 35168
Baars H 7288 7289 43056
Baars H 52488
Baart N 36570
Baasch E 44911
Baatz H 18937 29400
Baba H 40425
Babaian E A 55848
Babaiants R A 33318
Babaic A 44562
Babak N M 19120
Babakitis M 7864
Babarin P M 51764
Babbott D 4508
Babbott F L Jr 53658
Babbott J G 19839
Babchina I P 46341
Babcock A L 41095
Babcock V I 26458
Babcock W E 28193
Babeau P 431
Babeeva M I 45136
Babel J 54069
Babenko R A 33233
Babenkovová J A 48673
Babenskas M 33711
Baber J 13159
Babić D 51703
Babich A N 41534
Babichev S I 41510 51170
Babický A 19635
Babics A 46765
Babicz U 33692
Babikian H 15563
Babikian H M 7467
Babini B 2969 26821
Babinov L 32750
Babkin P S 7920 49532
Bablet J 14432
Bablik L 22780
Babmindra V P 13577
Babolini G 1532
Babow I 4483
Babskii E B 25914 49529
Babudieri B 53808 55676
Babuna C 47012
Babushkina L M 22648 33558
Bacal H L 38040
Bacaner M 12210
Baccanelli F 19173
Baccarini V 53812
Baccetti B 1971
Bacchetta V 39773 52125
Bacchus H 12354
Baccioni R 47793
Bach A 11373
Bach G 30496
Bach H 34267
Bach H E 28993
Bach H G 15438 15446 18991
Bach M K 29829
Bach S J 1674
Bach-Nielsen P 22390
Bache I F 22451
Bachem E 17205

Bacher E 11322
Bachiu K 41567
Bachl I 45939
Backman A 27297
Bachman A L 6225
Bachman H 35915
Bachmann A 3323
27230
Bachmann A J 20073
Bachmann D 3276
Bachmann F 10324
10353
21643
39879
Bachmann H 7107
Bachmann K 23013
38100
Bachmann K D 15646
Bachmann W 46153
51849
Bachofner J 29437
Bachrach A J 12589
Bachrach D 24027 29019 41629 48818 48848
Bachrach W H 12288
20493
31380
Bachs A 43119
Bachtel D H 40401
Bachurina V G 36371
Bacialli L 14520
Baciu C 35280
Baciu I 9247
41330
Baciu K 34290
Back E H 37618
Backelin B 43227
Backer B 24547
Backer K H 3179
18582
18586
Backer M 30145
Backer O G 19138
23691
Backett E M 20575
48335
Backhauss R 16074
Bachlund V 52729
Backman A 47494
Backus L H 30664
Baclesse 36152
Baclesse F 31492
Bacon A P 2213
Bacon E E 42960
Bacon H E 3384
22046
39143
40950
Bacon J S 42960
Bacon S D 19918
Bacq Z M 36610
Bacques M 18624
Bacsich P 19659
Bácskai J (Mrs) 7687
Baculard A 30444
Bačun M 18517
41927
Bačun-Kubović M 10520
Baczko A 8066
Bączyk K 30791
30799
30800
Baczyk K 30805
Badano Repetto J L 25943
Bădărău G 43992
Badawy A M 37588
37589
37590
Badeeva T I 22687
Badellino F 42545 42547 42549 42551 42645 42647 42649 42651 44817 44818 47815
Badenoch A W 14061
37549
53543
Badenski A 31122
Bader H 33944
Bader J P 17246
48937
Bader M 3952
27745
Bader O 38455
Bader R E 7108
Bader S 38146
Badger G F 554
555
Badgery A R 2636
Badiali C 9361
Badillet M 53379
53386
Badin J 35212
35227
Badinand A 36089
Badmaev K H 48025
Badmaeva V V 25741
Badosa (Mme) 41481
Badot J M 21587
Badr M 28314
Badré P 31939
Badt M I 594
Badtke G 42269
Badudieri B 53807
Badziak T 43692
Bächtold H P 26993
Bäckdahl M 52711
52712
Baeckeland E 48791
Bäfverstedt B 22132
Baehr J J 21861
Baekeland F 24758
Baeken 1336
1337
1338
Baelden J 54475
Baena-Cagnani C 39096
Bänder A 1600
Baens A 7991
7992
Bär C G 23013
38100
Baer D M 4373
12206
Baer E 40529
47695
Baer H 20738
24505
52837
Baer J J 24606
Baer P 10324
Baer R L 50643
Baer S B 23484
Baerends G P 46688
Bärlocher P 21600
Baertsoen A M 36405
Baerwolff G 39391
Bässler K H 25895
47928
Bättig K 25185
Bättner K 3270
Bäumler J 29782
Baev B 28724
Baeva E A 34660
Baevskii R M 18301
Baeyer W von 49058
Baez J 12472
Baez J J 15483
Baeza Goñi A 36856
Baffes T G 30418
Baffoni A 24931
Bafinov L 32804
Bagaeva M I 10716
Bagby B B Jr 42084
Bagchi D K 5157
Bagchi K 17447
Bagdasarov A A 8257
45629
Bagdon R E 39156
55003
Bagga O P 40103
Baggenstoss A H 3686
6974
27541
30108
Baggett B 37116
Baggio G F 9768
9769
37384
Baggiore P 9762 9768 9769 37384 42725
Baginski E S 32865
35663
Baglietto L A 39107
Baglio C M 52772
Baglioni A 44805
Baglioni C 36804
Baglioni T 55092
Bagnara J T 5070
Bagnati E P 20050
Bagnères H 9232
Bagni G 6275
Bagolini B 13934
13941
Bagot 32187
Bagramian E R 31149
Bağrıaçik N 45488
Bagshaw M A 8525
Báguena Candela J 18843
44490
Báguena Candela R 6573
44534
Bahadur K 3442 3443 4348 27369 47652 49298 52292
Bahamondes L 21198
Bahder 33915
Bahls G 11421
Bahn G C 32530
Bahn R A 18120
Bahn R C 47126
Bahner C T 2727
Bahnson H T 22060
41452
Bahr G von 23868
Bahr J 8913
Bahrick H P 5066
Bai A 44579
Bai A F 44577
Baiandina S A 53040
Baier H 6074
41733
Baier M 25299
Baier P 24917
Bail C 18565
Baila A E 15405
Bailbé N 14499
Bailey A A 38020
Bailey B N 14065
Bailey C P 489 10447 16514 35633 38629 50623 53573
Bailey D 53227
Bailey E J 25995
Bailey H 9267
50637
Bailey J M 10692
Bailey K R 28653
Bailey K V 6456
Bailey L 30381
Bailey M R 33666
Bailey N J 697
Bailey O T 50930
Bailey P 19816
30487
Bailey P J 964
Bailey R A 47697
Bailey W S 38074
Baillart P 21016
Baillet J 2480
Bailliart P 14501
Baillie T W 2039
Baillod A 30609
Bailly H 14437
14438
Ballone S 53848
53884
Baily E H 14299
Baily H S 9842
Baily N A 20929
Baily R W 5092
Bain A D 5682
Bain G O 206
12277
48575
Bain H W 26417
Bain J A 41279
Bain K 20251
Bain M 54707
Bain W A 41792
Bainborough A R 38019
Bains G S 37586
Baiocchi O 12894
Bair W J 23304
55892
55893
Bairati A 9585
29632
42218
54422
Baird D 50970
Baird D M 12729
Baird H H 52753
Baird H W III 19787
23413
51047
Baird J A 30199
Baird J W 36336
Baird S 28618
Baird W F 6116
Baird W O 43364
Baird-Parker A C 40835
Baisden L A 12766
Baistrocchi J D 43891
Baltsch H 42907
Bajardi F 36420
Bajares A C 670
Bajek E M 13342
Bajer A 2787
27403
38482
Bajpai J S 5166
Bajusz E 24313 26504 33991 35622 39355 44936 46587 47904 49266
Bak A F 27337
Bak T A 19508
Bakács T 43429
Bakalos D 48067
Bakay L 52575
Bakeeva E N 49554
Baker A A 17746
17754
17755
17756
Baker A B 17805
19811
Baker A Z 14264
Baker B B 16689
Baker B L 12945
41007
Baker C 51912
Baker C H 26078
Baker D G 44301
48462
Baker D J 5847
Baker E C 43333
Baker E D 40397
Baker F D 13393
Baker G C 39723
Baker G D 20786
39939
Baker H D 5231
17534
Baker H J 16193
Baker H L Jr 8562
Baker J A 48986
Baker J P 10440
Baker J R 10470
12690
17380
48233
Baker J W 22095
Baker K C 28430
Baker K E 788
Baker L A 15036
42073
46951
Baker L D 16584
30220
Baker M P 20360
Baker N F 4627
15241
Baker O 38487
Baker P T 721
16267
Baker R 16592
Baker R D 13339
Baker R G 44295
Baker R V 5783
Baker S B de 5655
Baker S J 5368
Baker S J 17281
40081
Baker S L 4795
Baker S P 44111
50586
Baker S R 37950
Baker W D 40337
Baker W J 5920
33102
33114
55024
Baker W S Jr 642
24515
Baterspigel A 38035
Bakery J P 26129
Bakhtiarov V A 25769
47883
Bakke J L 50415
Bakke O O 45410
Bakker J H 30011
43038
Bakker N J 33450
47845A
Bakker P G 43024
Bató G 10275
Bakopoulos B 55553
Bakos L 7708
Bakoss P 38171
Bakradze T L 18868
Bakst K B 49991
Baksova R A 37137
Bakst H J 13677
Bakulev A N 18180
18287
Bakuleva T P 44021
Bakuleva V P 41659
Bakulin F M 41551
Bakwin H 30426
40227
Bakwin R M 30426
Balabanoff V A 55695
Balabanov A R 45854
Balabanov K 45288
Balabanova V 32818
Balacco F 13945
Baladan V G 7902
Baladi K 43297
Balaeva N M 11500
Balaeva O I 41682
Balagué Formiguera J 44520
Balaguer-Vintró I 443
Balakina N A 20296
Balakrishnan S 16298
16299
Balan A 32185
Balas S 32200
Balandier G 27952
Balandra M 2477
Balashev V N 33581
Balasheva M I 7903
Balashov Iu S 18887
Balashov V N 47891
Balashova E G 47881
Balashova E K 37132
48041
Balashova I I 43568
Balassanian S 8674
Balasubrahmanyan M 48302
Balasundaram S 16901

Balasundaram S 17825
Balatre P 1054
Balaz V 31070 34034 46098
Balazs E A 7361 28385 49462
Balazs T 48444
Balázs V 11197
Balázsy L 35367
Balbi M 29747
Balbo R 34607
Balboni G C 1967
Balcázar M 8816
Balcázar Rubio de la Torre M 21116
Balcélis-Gorina A 21109 53903
Balch C C 2085
Balch H 2510 24391
Balchev G 28765 41579
Balckwood W 51022
Baldamus U 32958
Baldassaire G 44623
Balde A 14392
Baldelli R 42538
Baldi G M 9329
Baldini E 3724 42663 42713 53756 53836
Baldini G 1978 1979 25593
Baldini L 21226
Baldor J F 21224
Baldor de la Vega J F 31122 31127
Baldovin C 2500 25567
Baldrati F 17821
Baldridge R C 42784
Baldrighi M 19398
Baldrighi V 31707
Balducci D 42705
Balduini M 32163
Balduzzi E 42608 54274
Balduzzi G 42516
Baldwin A L 2834 2835
Baldwin L 13316
Baldwin M 5501 47337
Baldwin R L 19520
Baldwin R R 13403
Baldwin R W 48397
Baldwin W Jr 16686
Bale W F 11550 23348
Bales H W 54674
Balesdent-Marquet M L (Mme) 3048
Balestra E 44312
Balestra F 44331 53763
Balestreri R 36721
Balestrieri A 25639
Balfour J 14652 37993
Balfour J A 14165
Balfour W M 17365
Balgairies E 32060
Balian J V 23433
Balicka N 13055
Baliga B R 54411
Balík J 21575 21576 44873 44874 44875 44876
Balikov B 15938
Bálint A 28856
Balint J A 27535
Balint M 38989 40155
Bálint P 53077
Balis M E 19586 28258
Baliu I 52961
Baljozović A 9967 21961
Balkarei V D 45750
Balkemore W S 10089
Balkissoon B 50204
Ball A J 15457
Ball C O 12351
Ball E G 40523
Ball G D 10537
Ball J 13294
Ball K P 26050
Ball M F 463
Ball M G 40458 50328
Ball M R 1218 6749
Ball R M 26441
Ball W C Jr 47126
Balliabio C B 8664 31733 31767 31768 31773 31778
Ballance P E 1658
Ballanger R 2007 41378
Ballantyne D L Jr 10489 22307 47557
Ballantyne J C 6545
Ballardin E 37453
Ballerini A 27659
Ballerio C 13106 27734
Ballester D 44564
Ballesteros Barahona M 29354
Ballicu P 53796
Ballif L 46316
Ballinger W F II 1236
Ballio A 52411
Balliner H 46022
Balló T 34087 46140
Ballog A 27901
Ballon H C 14712
Ballou C E 47698
Ballou J E 20732 27802
Ballowitz K 23152 23153
Balls A K 1363 40491
Balmasov A A 45894
Bálló G 43430
Baló J 29179 54384
Balogh I 41607
Balogh J 2801 39430 48678
Balogh K 20154
Balogh K Jr 20154
Balogh L 41639
Balon J E 39129
Balonov L la 34759
Balotin N M 50739
Balow R M 8573
Balsamo V 20206
Balsano F 13946 13947
Bălțăceanu O 43996
Baltadzhieva M 28750
Baltch A 19828 25006
Balter I 15491 15519
Balter M 31280
Baltscheffsky H 4778
Baltzer H 23234
Balukiewicz I 7827
Balvers A G 29978 29979
Balyn' I R 37200
Balz G 32650
Balzarini E 29654 29745
Balzer H 29896
Balzereit F 18968
Bamann E 1320 47678
Bamatter F 43810
Bambov D Kh 32822
Bames H O 20389
Bamforth J 13306 28293 37664
Bami H L 4167 4168
Bamji S 16901
Bammel E 52237
Bammer H 19764 34005
Bán A 24019 28795
Banach S 8092
Banaschak H 23607
Bancale A 10533
Bancaud J 54098
Banche M 19178
Banchetti A 13915
Banchi G 39307
Banchieri F R 7664
Bancroft H 53657
Bancroft P M 7265
Band D 20546
Bande J 46557
Bandeira J L 39468
Bandelin F J 16693
Bandes J 24416
Bandholtz Frank L 4533
Bandiera G 49579 49580
Bandini A 6816
Bandler M 534
Bandmann H J 38856
Bando T 40204
Bando Y 34174
Bandoni A J 20629
Bandurski R S 16926
Bane H N 2707
Bane R 44283
Banerjee B 5179
Banerjee D 26102
Banerjee K 48702
Banerjee S 4174 12534 16292 16293 31342 40073 40074 40076 40102
Banerjee S K 36292
Banerji L K 4196 4208 16311 27980 27995 40096 50001
Banes D 4555 4569
Bănescu E 31133
Bánfai I 3651
Banfi A 8550 19271 53713
Bang F 22435
Bang F B 26448
Bang H O 41963
Bang J 10653
Bang N 43179
Bang N U 4459 48699
Bang T V 21284
Banga I 29179
Bangham A D 19459 29804
Bangham D R 6134 14477 44032
Bánhidi F 41609
Bánhidy F 24023
Bani U 31105
Banić S 23148
Banide P 26949 37917
Banik N D 40095
Bank E 770 23231 51427 52924
Bank H 24989
Banker D D 4197 4207 16312 27979
Banker G S 4556
Bankhead A S 43522
Banks A L 7039
Banks B M 49715 49716
Banks G B 26092
Banks H H 40615
Banks H S 6188 18691
Banks L L 53290
Banks W C 16765
Banner A H 20750
Banner C 26942
Banner E A 6978 12384 43301
Banner R L 54655
Bannister R 55421
Banse H J 52249
Banshchikov V M 46329
Bansi H W 3296
Banta J E 10687 19139
Bantz W 11391
Bañuelos P 1802
Bányász T 34337
Banzet P 18630 36665
Banzi C 27366 42680
Bapat D R 5175
Baptista A M 35855
Baptiste C 41146
Baquerizo L 31823
Baquerizo Amador L 31826
Baquet R 18633
Bar D 13095
Bara B 30811
Barabadze E M 20196 33652
Baraban H 32171
Barabas C 7718
Barabás I 37193
Barabash M E 55198
Baraboi V A 39581
Barac G 3117 13450 13451 15152 21315 26958 38768 38769 47736 48927 48928
Baracchi F 8549
Barach A L 909 17015 34871
Baradnay G 7688 23130 34169
Baraff A A 16596
Barag 39482
Barahona R 8915 21173
Barak A J 16526
Baralt J 13529
Baran L R 37897
Baranchuk M 1550
Baranczak J 20192
Barandun S 21640 27846
Baranger W 4293
Barannik G Kh 6005
Baranova A G 33578
Baranowski T 30889
Barański S 32177
Bárány E 43346
Bárány E H 36583
Baraona E 21198 53957 53964
Barash E S 48778
Barashnev Iu I 45202
Bárász Z 10565
Barat D B 17431
Baratella B 2975
Baratgin B 7767
Baratz G 44418
Baraud J 48825
Baravalle N 35966
Barb K 23783 52375
Barbaccia F 29657
Barban H 53152
Barban S 4742
Barbanti A 31624 42564
Barbanti A 44809
Barbara L 25645 30343 47822 47824
Barbarowski H 33677
Barbash R 4395 4396
Barbaso E 31755 42232 42627 44382
Barbato E 436 46872
Barbato R 32098 47501
Barbazza M 25557 25560
Barbé N 25521
Barbeau A 50900
Barbee G C 4093
Barben H P 44937
Barber B 30649
Barber C 28494
Barber H R 35742
Barber J B 50204
Barber J F 12396
Barber K W 27969
Barber L M 5897
Barber M 6267 26122
Barber R 29816
Barbera G 30669 30670
Barberio G 2006
Barbero B I 35971
Barbero G J 30430 43490 53008
Barbey K 28950 30586
Barbier F 24106
Barbier G 48011
Barbier J M 47752
Barbieri A 42806
Barbieri D 20245 43480 43486
Barbieri E 37350 37351
Barbieri G C 51989
Barbieri L L 25629
Barbieri M 19265
Barbieri P 31773
Barbisio O 9344
Barbizet J 5502 9196 15512 32919 38795 38807 44745 48941
Barbolini G 25558
Barboni F 7743 25526
Barboriak J J 35804 50957
Barbořík M 15774
Barborka C J 8484 35674 39460
Barbosa A 53869
Barbosa F S 2446
Barbosa J F 8740 34930
Barbosa N de C 947 21083 35959

Barbosa P 29357
Barbour C M 54712
Barbour J M 49951
Barcan F 31133
Barcelar P 13613
Barcellos J M 8744
Barceló P 4733 6725 8884 8886 8887 35211
Barchfeld W P 4614
Barchi E 48992
Barcia A 35456 36676
Barcia D 31832
Barcia Goyanes J J 18835
Barcia Salorio J L 54104
Barckley V 20002 52801
Barclay P S 20594
Barclay R K 2706
Barclay W R 12810
Barczewska H 30703
Bard M 18004 41360 41383
Bardach J E 17237
Bardenstein M B 40613
Bardi J A 15492
Bardiaux M 44643
Bardier 24290
Bardier A 17662 41136
Bardino M 14002 14003 14004
Bárdoš V 2769 22768 22808 26545
Barea de Carámbula A 1560
Bareau A 43756
Barelare B 18145
Barendregt J T 29980 43049
Barer A S 1753
Barer G R 5785 48222
Bar'er L A 18235
Baret A C 22046
Baret R 37831 37832
Barettoni A 9340
Barfield D 15544
Barfield W E 13211 40287 41156
Barfod H 370
Barfuss F 49322
Bargagna M 9274
Barger A J 816
Bargeton D 15119
Bargetzi J P 49328
Bargheer R 23252
Barglow D R 9427
Bargmann W 15429 19449 33126 34412
Bargoni N 27883 49883
Bariéty M 9250 15096 28358 43772 44606 54167
Barigozzi C 49326
Barii E 55115
Barilenko V P 21918
Barison F 25637
Bariusso L 26950
Barjon P 54902
Barkagan T S 7783
Barkagan Z S 18298
Barker D 42105
Barker D C 39285
Barker H A 47713
Barker H G 7874
Barker J C 14320 50835
Barker M 17591
Barker N W 31471
Barker S B 20752
Barker W F 54685
Barkhan P 13715 19627
Barkman E M 21915
Barkman R 44901
Barkov D A 51182
Barkov G D 49798
Barkov Iu I 22534
Barkve H 10379
Barla-Szabó L 43437
Barlas A 17604
Barlattani M 26626
Barlović M 33370
Barlow A L 5395
Barlow E D 2262
Barlow G B 19466
Barlow J L 45831
Barlow R M 20706
Barme M 48850
Barmeyer H 42277
Barna A 23782
Barnabas J 4177
Barnabas T 4177
Barnabei O 1944
Barnard C N 54662
Barnard E A 35554
Barnard P J 14789
Barnard R D 39789
Barner H D 13788
Barnes A C 646 2996 12413
Barnes A U 146
Barnes B A 25042
Barnes D 26143
Barnes D W 10487 53498
Barnes E C 27808
Barnes H D 9793
Barnes H G 8303
Barnes J E 154
Barnes J M 5639 37738
Barnes J P 40293
Barnes L L 11764
Barnes M J 52444
Barnes M L 41024
Barnes N 23452
Barnes P H 2627
Barnes R H 5541 47167 52680
Barnes R W 4523 39147
Barnes W H 22010
Barness L A 52994
Barnett A J 442 29304 29305
Barnett A V 43361
Barnett C H 16792
Barnett C P 55278
Barnett D J 53731
Barnett E O 26077
Barnett F R 7005 21507 52136
Barnett J C 12712 49485
Barnett L (Mrs) 19609
Barnett S A 2121 26079 53695 53696
Barnett W O 837 6986 12705 47286
Barney H L 1201 5824
Barnhart G W 17221
Barnhart M I 4657
Barnholdt B 28061
Barnhouse D H 10091
Barni M 21462
Barnitville H T 48319
Barnlund D C 50097
Barnola J 21170
Barnoud R 3096 26924 48886
Barns H H F 10058
Barnum C P 12536
Barocelli C 39503 42703
Barochez Y de 25500
Baroff G S 33835
Baroian O V 22697 45632
Baroldi G 47800
Baron A 14508
Baron B 45406
Baron C 8236 14379 24750 26800 26819 48869 48871
Baron D N 17238 31592
Baron F 13069 31927 31999 38798 44636 47485
Baron H 9999 29030 52251
Baron J G 46439
Baron J H 2197
Baron L S 50598
Baron M O 72
Baron S 50251
Baron S H 6223
Baron V 27858
Barone M H 52673
Barone P 37154 37155 37156 37157 37158
Baroncfsky I D 642
Barontini F 32144
Barousse A P 31016
Barousse R S 49159
Barquet Chediak A 31821
Barquet Chediak J 13546
Barquet Chediak J 13552
Barr A 2118
Barr J 385
Barr J S 19273 40636 42824
Barr M 32834 32854 32862
Barr M L 8640
Barr N L 42836
Barr R 133
Barrack B B 42118
Barraclough R 20376
Barragán R F 44557
Barral P 32015
Barranco A 2934
Barranco G 11821 27634 39666 54196
Barrantes J J 43908
Barraquer J 14499 51239
Barraquer-Bordas L 25772 27341 43119 44208 44478 44486
Barras G 31836 43847
Barratt R W 13255
Barraud M 26980
Barraya L 1456 42422
Barre C 7509 53390
Barré E 43758
Barré N 3065 15109 15122 26662 26670 26818
Barreau R 50768
Barreiro J M 8894
Barreiro O C de 44413
Barrera F 12218
Barrera G 21180
Barrera J A 31021
Barrett A M 4793
Barrett D C 5395
Barrett G M 10310
Barrett H V 54535
Barrett J T 50225
Barrett J W 6521
Barrett M K 47565
Barrett N R 36310 39090
Barrett P K 20697
Barrett R J 5399 5898 41453
Barrette W C 871
Barretto M P 8729 8732
Barrié J 20517 26678 51379
Barrie R 8387
Barrientos G 17101
Barrière 37891
Barriere H 14090 37892
Barrile N 3333
Barrio de Medina J L 339
Barritt J L 37947
Barriuso J 21392
Barrnett R J 28384
Barrollier J 46181
Barron A J 16658
Barron A L 705
Barron C I 4690 16596
Barron F 9617
Barron J 39144 39934
Barron J N 20694
Barron K D 52586
Barron S L 28986
Barros J de O 3700
Barros M de 8768
Barros R P 50435
Barros de Fernández E 36846
Barroso E 21154
Barroso G 13587 13588 36894
Barroso-Moguel R 1549 25668 36836 43939
Barroux P 53378
Barrow D W 15928
Barrow G I 5612
Barrow J 48339
Barrows C H Jr 40875 50579 50961
Barrows W T 4546 40337
Barry F M 14967
Barry G T 52398
Barry J 26695 26933 50777
Barry J M 13718 53475
Barry K G 49691
Barry M J Jr 53633
Barry P J 27814
Barsa J A 24626
Barsantini J C 950
Barsel N 27479
Barskii B I 41700
Barskii I Ia 37146
Barsky D 23432
Barsky J 41278
Barson T E 41301 41302
Barsotti J 42433
Barsukov M I 32539 48664
Barsy G 23766
Barta L 13093 16066 20168 39741 47496
Bartalena G 1856 25962 37311 48110
Bartalena R 29736
Bartalini E 51656 51657
Bartel G 49126
Bartelheimer H 6081 6100 11020 39052
Bartelings H J 7270
Bartels C C 4521 19823 51317
Bartels E C 6121
Bartelt I 38944 38958
Bartenbach G 17501
Barter R H 3025 12420 38594
Bartesaghi T 6858
Barth E F Jr 52304
Barth G 10015 31662
Barth L 11128 38445
Barthe J 42001
Barthel H 22193
Barthelemy E 14372
Barthelmess G 28881
Bartholomay A F 30097
Bartholomew A A 38621 50847
Bartholomew E A 32535
Bartholomew J W 52403
Bartholomew L G 20812 27543 49709 49720 52134
Bartholomew R A 47017
Bartlett C J 5126
Bartlett D J 42991
Bartlett F 21521
Bartlett F C 799
Bartlett G W 53497
Bartlett R G Jr 4659
Bartley S H 11693
Bartman J 14328 23935 30108 35355
Bartmann K 25793 25800 35918 36999
Bartner H 19016
Bartůk I 23110 23130
Bartoli V 1969 1970 37412 37413
Bartolomei G 32692 36049 39349
Bartolomucci E 9300 21438 54220
Bartolotta G 10536
Barton A A 15698
Barton F W 36875
Barton J 19285
Barton M 10059
Barton R T 45929
Barton T C 17327
Barton W E 47163
Bartorelli C 44364 48989
Bartos G 36449 37752
Bartos J 13098
Bartos V 40047

Bartosiewicz R 31292
Bartoszewski A 33707
33743
Bartoszewski J 30764
Bartoušek V 22564
Bartsch E 20846
Bartsch J 45969
55401
Bartsch W M 29796
Bartsch W 35581
Bartstra H K 7310
Bartter F C 18465
21715
36315
52644
Bartyzel' A I 48051
Baruah B D 29877
40089
40090
50606
Baruch C 13470
Baruch D W 28018
Baruffini A 3538
27426
27427
49415
Baruh S H 55094
Baruk H 27013
50442
Barwise C 20834
Baryshnikova O L 18230
Barzin J 21324
50358
Baš A 39711
Bas Figueroa C 20620
43861
53352
Basabe H 21791
32466
Basan L 15770
Basave E F 44512
Baschieri I 39350
44324
49588
Baschieri L 49588
Bascom G S 22052
Bascoulergue P R 42038
42039
Basek M 112
Baserga A 9592
9603
Baserga R 2343
Bases R 38059
Bashinskaia V A 45753
Bashkirov S D 22634
Bashkov Iu A 41691
Bashore S M 45550
Bashour F 24350
Basila N 1817
1823
Basile L 6920
6928
Basilico F 3911
Basiliou B J 44697
Basille D 26353
Baskina N F 46334
Basnuevo J G 13545 21162 21163 25677 31844 31845
Bascom W C 42152
Basowitz H 46449
Basquiche M 35139
Bass A 38206
Bass B 4945
5064
Bass D E 11530
23301
Bass L W 24412
Bass M H 47775
Bass P 36555
Bass R K 54861
Bass R R 12
Bassani G 6805
Bassen F 50867
Bassen F A 37631
Bassères F 54891
Bassermann F J 22191
24227
34339
Basset (Mme) 40459
Basset A 37853
Basset G 37912
Basset G (Mme) 37919
Basset J 13044
Bassett C A 10484
Bassett H F 10313
Bassett L W 5593
Bassett S H 4846
51921
Bassi G 27356
Bassi M 19467
31747
32591
Bassiliana R 32371
Bassleer R 46564
Basso G 43925
Bassoe H H 52746
Bassoli G 3909
Bassols F 35679
Bassot J M 38707
Bast T H 1188
6227
24604
31579
Bastai P 9601
Bastenie P A 13437
13438
Bastenier H 28231
Basternier H 28230
Bastian G 36925
Bastianini L 37463
Bastide G 53419
Bastide J 19343
Bastien C 30617
Bastien J 14391
Bastin R 2487
8243
32048
52263
Basto E L 1569
Basto L P 4357
40211
Bastos Ansart M 6608
Bastrup-Madsen P 43224 45493 45500 45506 45509 45514 45522
Basu A K 14205
18055
Basu D K 4221
28414
Basu D P 49991
Basu P K 47063
Basu S N 4233
40098
Basu Mallik K C 49997
Bata G 3430
24014
46210
49286
Batacchi G 25533
Bataler G 983
Batalin V I 55296
Bataller Sallee J E 46668
Batchelor A L 37628
Batchelor F R 52411
52446
Bate J G 18392
Bate J T 35882
Bateman M 30916
Bates A 24404
Bates H C Jr 45800
Bates M W 728
Bates R 50911
Bathurst M E 51728
Batini F 16030
Batista A C 53853
53854
53855
Batiuk I F 34637
Batizfalvy J 54874
Baixo B 53152
Batolo D 36706
37154
37155
Batongbacal V I 30184
52670
Batrak G E 49543
Batson H M 464
Batson R 7865
Batt R C 6495
Battaglia A 15515
Battaglia G 34427
47790
Battaglia L 26594
Battaglia S 32091
Battaglini P 15131
Battarino P 6855
Battegay R 9529
9533
43113
Batten E H 40788
Batterman R C 1274
Batterman R C 30175
Batterman R C 41282
43731
Battersby W S 4927
4930
11707
Battezzati M 17513
Battig W F 5065
Battigelli M C 8614
Battin J J 17660
Battistelli F 49746
Battisti A 27671
29686
Battisti G 30686
Battistini A 29130
Battistini C 47809
Battistini F D 41903
Battle R J 41412
Batty I 5659
Batzenschlager A 28677
48890
Baud C 28070
Baudeau H 26350
Baudey J 18002
Baudon J 17995
36636
Baudot C 10957
Baudras B 39824
Bauer D J 14095
Bauer E 19323
22782
Bauer F 5296
13673
46258
Bauer G 6695
36428
48712
Bauer G C 32670
Bauer H 4140 5143 5144 6652 8823 13833 27155 28925 44271 55359
Bauer H G 35700
40251
Bauer J 55396
Bauer J A Jr 47553
Bauer K H 1329
41762
41892
47677
Bauer K M 26167
29417
55590
Bauer L H 6412
41010
42818
55284
Bauer R 39413
Bauer R Jr 36318
Bauer S 12333
Bauer T J 20895
Bauer U 25791
25792
Bauer W D Jr 47307
Bauer W W 14068
26021
37548
Bauereisen E 6069 11205 22947 30501 30581 43577
Bauermeister A 27827
Bauersfeld S R 24331
Bauffe J 13080
Baugh C M 47279
Baughman E E 17197
41350
Bauld W S 14164
14646
Baulieu E E 3034
9022
35118
54450
Bauli P 21255
Baum G 24570
32661
Baum G L 52279
Baum H 1649
1650
Baum R N 49188
Baum S J 23314
23316
25927
Baum W S 12652
Bauman P M 24699
Baumann J 39564
Baumann C A 5552
41232
Baumann E 18969
39845
Baumann E S 1191
51353
Baumann F 28150
Baumann J 413
27031
30448
Baumann M 15294
Baumann M E 2714
Baumann O 50781
Baumann P 42262
50781
Baumann T 39915
44942
Baumann-Grace J B 32299
32300
Baumatz S 39554
Baumbusch F 55592
Baume L J 2374
Baumel J J 23558
Baumgärtel T 6708
46797
Baumgart R 23189
Baumgarten A 24039
Baumgarten K 45973
Baumgarten W 1393
Baumgartl F 11422
38973
Baumgartner D A Jr 35639
Baumgartner G 25378
Baumgartner H 19446
Baumgartner J 35420
40979
Baumgartner L 2359
40108
Baumgartner P 49748
Baumgartner R J 5711
Baumgartner T 39924
Baumgartner W 9531
54357
Baumler A 48569
Baur L S 50963
Baur P 17653
Baurmash H 20147
Bausá Alcalde M 49419
49420
Baust G 12196
Bautista A G 8010
Bauwens P 20700
Baux R 26711
28886
Bauzá C A 1558 1561 36845 36847 36859 44600 47635
Bava F 16035
Bavay J 1461
Bavetta L A 11772
49375
Bax H R 21815
25683
43074
Bax J 15837
Baxter C F 28254
Baxter C R 34841
Baxter D 17796
Baxter D L 9
Baxter H 8039
22319
47544
53118
Baxter J N 43461
Bay E 49065
Bayadal K 45446
Bayer B 19047
Bayer J 20326
Bayer J M 29460
Bayer O 11250
13352
21119
Bayer R 45968
Bayle H 41380
Bayle J 48891
Bayles A 1292
Bayless A E 27082
Baylet R J 14429 14435 14443 14446 54030 54031
Baylin G J 27545
35858
54668
Baylis J H 48170
Bayliss R I 13183
14201
20697
37726
Baylon H 31041
Bayne G M 559
Bayne H G 16881
Bayonne 24285
Bayraktaroğlu E 33005
Bayreuther H 36489
Bayreuther K 28526
Baytop T 45438
Bayzelon C 48094
Bazala V 46028
Bazan M 3897
27632
Bazan O I 33271
36881
Bazan P 6810
29574
Bažant S 11852
Bazex A 14084
47380
Bazhdekov B 32743 45302
Bazhenova A P 5944
Bazilevskaia L S 55797
Bazin 26253
26254
Bazin S 21383 36080 44617 44631 53991
Bazunova L P 55766
Bazyleva N N 39345
Bazzano E 33375
Bazzerla M 29673
Beach E F 38556
Beacham D W 26377
38566
Beacham W D 26377
38566
Beachtel W R 6748
Beaconsfield P 4430
13008
Beadle L D 53664
Beahrs O H 50417
50423
50425
54734
Beal G 12987
Beal G A 26400
Beal J 51917
Beal J L 40378

Beal J L 40379
Beal J M 3970 35872 47274 54690
Beales P H 41054
Beall A C Jr 18135
Beall W A 35815
Beals G S 25048
Beals P D 45
Beaman A. 16889
Beamer P D 40395 55006
Bean J 27251
Bean J W 741
Bean W B 4015 10427 11615 17073 33034 46427 51674
Beani L 37415 37416 37417
Beard A 16853
Beard A B 19153
Beard A J 26121
Beard C 33025 34920
Beard J 6282 12858
Beard M A 42123
Beard M F 52634
Beard R Jr 18758
Beardsley H 1473
Beardwood J T Jr 10993
Beare M 26025
Bearn A G 9562 40813 53535
Bearzi V L 30245
Beaser S B 7428 7438 52595
Beasley H 16851
Beasley Y M 28611 51084
Beath D H 43311
Beaton A C 37955
Beaton E J 48526
Beatrice L 11959
Beattie C P 6143 17394
Beattie E J Jr 22015
Beattie J 20917
Beattie M K 5618
Beatty C H 40531
Beatty R A 17229
Beatty W K 14352
Beau A 18013 25486 31975
Beaubien L de G (Mme) 2524
Beaudoin J 41922
Beaudoing A 2401 41939
Beaugard E 16592
Beaulieu M 41921 45540
Beaumariage M L 3118 13454 15161 19526 26780 28022 32196 38770 47737 50018
Beaumont G 51583
Beaumont J L 21269 21280 36671 43757 44607 44987 53980
Beaumont P 47934
Beaumont V 21280 36671 44607
Beaune A 9641 9642 9643
Beauregard J M 33406
Beauregard P 38010 48529
Beaurepaire Y 44619
Beausaart M 54097
Beauvallet M 15068 26750 26791 26808 48831 48855 48857
Beaven P W 19923
Beaver D L 5637
Beaver H 21520
Beaver P C 7854
Beavers W R 12560 16826
Bebar B A 21703
Bebin J 5505 39926
Bebry J 36990
Beçak W 44979
Becana Crusellas M 31862
Beccari A 2967
Becchini M F 1916 29715
Becchoff J 2298
Becerra B G 3115 8995
Bech K 23887
Bech V 35363
Béchac 1470
Becher R 36507
Bechgaard P 33402
Bechinie E 11353
Bechner A 31509
Becht G 308
Bechtel H B 11577
Bechtle R M 36344
Bechtold R 49320
Bechynie E 38888
Beck B 19420
Beck C 15948 16921 36441
Beck C S 5891 28163 32725 50890
Beck E 16050 22341
Beck F 22979
Beck G 15846
Beck G E 21653
Beck G J 17015
Beck I T 2605
Beck J C 24982 38013
Beck L 15969 17943 49757
Beck L K 23036
Beck S J 24596 34899
Beck W C 3933 3936
Beckenstein N 20833
Becker A 38993 51808
Becker A B 54751
Becker B 659 12439 23443 47023 47035
Becker B A 31283 55005
Becker B J 43165
Becker C H 40364
Becker D V 49253
Becker E J 28573
Becker E L 50599
Becker F 29049
Becker F F 44119
Becker F T 6959
Becker G 18320
Becker G L 3379
Becker H 7526 49928
Becker H C 27332
Becker J 32636 32675 52559
Becker R 15399
Becker R A 19793 24765 30641 40487
Becker R R
Becker S W Sr 3
Becker T 11393 46569
Becker W 11257 29407
Becker W C 17133
Becker W H 35262 35263 54941
Becker W T 33874
Beckermann F 32967
Beckers C 46594
Beckett A H 41315
Beckett D W 10511
Beckett E B 23554 23562 23569 46550
Beckett M B 47208
Becklake M R 26056
Beckloff G N 40348
Becklund W W 5599
Beckman L 23722
Beckman R O 3792
Beckmann G 19009 23028 27473 42379
Beckmann H 13444
Beckmann R 34111 36430 47650
Beckmeyer W J 43510
Becks H 2374
Beckwith J 52757
Beckwith J R 19972 19977
Béclère C 15162
Becmeur A 6355 6388
Beco V 38282
Becsei D 19748
Bedard J U 10677
Bedarida G 9354
Beddard J R 2038
Bedell A J 55050
Bedford D E 22291
Bedford J 26054 26060
Bedford P W 14279
Bedford T 8274
Bedies J 18608
Bedir O 25493 45432
Bedjanič M 51719
Bednář B 26536
Bednařík T 9430
Bednarski W 30736
B-Bedő M 20168
Bedő M 39740
Bedoya J M 3741 3742 3743 4058
el-Bedri L 630
Bedrin A V 43388
Bédrine H 9665
Bedroustián P 29169
Bedson H S 52362
Bedson S P 14098
Beebe R A 3021
Beech H R 17119
Beech M 42088
Beecher H K 8355 50179
Beechey R B 1665
Beeckmans C 36199
Beek C van 3363
Beekhuis H 25683
Beelar V P 42045
Beeman A 46973
Been M 13455
Beer J 23166
Beer M 1691
Beer R 29048
Beerens H 20679 47388 47389 53017
Beerman H 12318 24438
Beers R F Jr 7127
Beersaerts J 47739
Beesch S C 35563
Beesley W N 25063
Beeson W M 32340
Beestra A 29991
Beetham W P Jr 16833
Beetlestone A 2133
Beetstra A 36863
Beeuwkes H 7311 10518 25138
Begab M J 24475
Begani R 42526
Begemann H 3280 42903
Begemann N H 52507
Begg C F 14759
Beggi D 1112 1120
Beghelli V 1525 1527 37316 37317 37318 48121
Begishvili G R 55225
Begov A 28704
Bégué H 26360
Beguê-Cantón M L 8859
Béguet M 1420
Beguadian-Khatchatrian V 9141
Behar A J 17892
Béhar M 50959 50960
Behar S 16136
Beher W T 20788 31401 39939
Beheyt P 23647
Behmann F W 30494 30495
Behn H 54367
Behnamou J P 54012
Behr D J 1125
Behr G 41798
Behr J 42943
Behre R 13642 54318
Behrend A 47600
Behrend C M 42296
Behrend H J 13375
Behrend M 40994
Behrendt H 22341
Behrens O K 1252 55293
Behrer M R 17914
Behrle F C 20255
Behrman S 48134
Behrman S J 9582
Behrouzi E 27497
Beickert A 33895
Beickert P 23043
Beidleman B 29524
Beier A 35260
Beier V A 6042
Beierwaltes W H 17618 50412 50426 50433 50438
Beigelman P M 3353 49172
Beigler R 3257
Beilby J O 2164
Beiler J M 15720 34599
Beilikhis G A 21936
Beilin H 40860
Beilin I B 22618 51203 54578
Beilin Ia Z 10812
Beilin L 3959
Bein E S 34012
Bein H J 2373 44939
Beinert H 16904 16905
Beinfield M S 27553
Beischer D E 4703
Beisel W R 12546
Beiler J J 51556
Beitul E A 32897 33627
Bejan S 27714
Bejan Z 9478
Bejar L O 1047
Bejarano J 6828
Bejarano J F 8965
Bejat G (Mme) 28373
Bejrablaya D 48236
Bekaert J 37028
Bekdik F C 15159 26841
Beke D 1324
Bekemeier H 46570 53098
Beker S 15944
Bekerus M 32614 32637
Békési I 7186
Beketaeva A M 45255
Bektatov A I 3553
Bekhtereva E I 5960
Bekhtereva M N 51930
Bekierkunst A 19563
Beexer J H 36513
Bekker Z E 36374
Bekkerman A G 10715 55164
Bekkum B W van 19592
Bekrum D W van 43044 43054
Bel A 31052
Bélafalvy L 52810
Belaisch J 9189
Belamarić T 10910
Belán A 9431
Belan M G 52871
Béland J E 12463
Belanger C 14661 41912 41914 41916 41917
Belanger D 2577
Bélanger L F 44087 51297
Belart W 43800
Belavsl G S 45557
Bélay M 51421
Belbey J 15504 44411
Belcher C D 49000
Belcher E H 26030 32695
Belcher J H 25303
Beldedova P 32770
Belden E 44294
Belden E A 19830
Beleda R V 9906
Belekhova M G 49562
Belelli E 24938 27366 32592
Belen'kaia G M 49226
Beler B 22367 22374 22379 45487
Beleslin D 14125 14135
Beley A 986 27340 47439
Belezhki U 20768
Belfanti S 37358
Belfiore F 37343 37343
Belgeri R 55648
Belhaj A 25453
Beliaev G N 19126
Beliaeva K G 46806
Beliaeva M I 51928
Beliakov A D 45673
Beliakov B D 33502
Beliakov V D 55792
Beliava E F 55193
Bélik E 28408
Belik I E 41541
Belikov M N 33329
Belin L 35103
Beling A 46229

# CURRENT LIST of MEDICAL LITERATURE

Bello M L 46517
Belisle C 12825
Belisle J A 24627
Bélisle L P 55118
Bélisle M 33407
Belitsli A E 9905
Belitskii A S 39598
Belitskii G Iu 46331
Belitzer V A 46566
Belkhode M L 31466
Belkin M 48563
Belknap E L 28122
Bell A 18729
Bell A D 28979
Bell A I 4287
Bell A N 7528
Bell B M 7441
Bell D B II 16099
Bell E A 37064
Bell E J 28324
Bell F C 46360
Bell F E 16911
16912
Bell F R 9780
Bell H 9810
Bell H G 35868
35875
50422
Bell H L 45079
Bell J A 553
30120
Bell J C 10429
Bell J F 17482
Bell J L 5487
31592
32721
40604
Bell J W 11718
24725
36701
43619
Bell L G 19638
28088
Bell M F 10445
Bell P K 42126
Bell R Q 2832
2833
Bell T A 28164
Bell W J 50225
Bellaart A C 43588
Bellak L 37583
41349
Bellamy D 37058
Bellamy W D 8518
Bellander E 32989
Bellardo G 31761
Belle E A 14705
Belle J 53444
Belle M 12258
Belle M S 17292
28167
Bellec A 36508
Bellelli M 9079
Bellenghi G 1098
1099
19190
Bellens R 13437 13438 13439 15159 26840 26842 48906
Beller F K 3745
11896
41743
48069
Beller M L 49778
Bellesia L 230 6891 6897 6914 21612 35188 37231
Bellet P 1059
Bellet S 41
449
35699
Belleudy M 26774
Bellew L N 12386
Belli E 30975
Belli I 29646
52931
Belli L 21015
Belli M 51614
Bellieni A 42709
Bellin L 50058
Bellin L B 50225
Bellinger W R 50685
Bellini F 20940
Bellini J 37831
37832
Bellini L M A 6721
Bellini O 26584
26588
Bellini S 9766
Bellis D M 19530
Bellisario G 7745
Belliveau R R 12363
Bellizze A M 13593
21051
21085
8741
Bellman S 18125
Bello J A 44471
Belloc N B 662
Bellocq P 10041
Bellod Garcfa G 46674
Belloiu D 9476
Bellomo J 17612
Bellon M 30483
Belloni F 21009
27755
Bellotte J 42041
Bellows M T 2888
36247
Bellucci R J 1189
Bellussi G 19269
Bellville J W 13456
Belmonte R 39969
Belochitskii A F 45867
Belokonskii I S 6638
Belopavlić S 51721
Beloshapko P A 12143
Beloshapko P A 46833
Belostotskii E M 22551
Belotte J 6420
Belous S R 10231
Belousov A Z 39597
39607
Belousov P I 43387
Belousova A K 37145
Belousova I M 9897
Belova A P 7886
Belova S F 39590
Belovich D 2937
Belowski H 20418
30701
53181
Belozerskii A N 1729
19104
19117
Belsey R 43623
Bélski M 14855
Bel'skaia G M 34734
Belta 41409
Beltrami L 25591
Beltramo A 19237
Beltrán Alonso A 35538
Beltrando L 41409
Belugina Z T 45755
Belvert O 22109
Belykh G A 51931
Bembnowski B 30706
BeMiller J N 35550
Bemrose J 6448
Ben Abdallah T 22387
Ben-Ami M 39822
Ben-Gershom E 49299
49300
Ben-Gurion R 17303
Ben-Ishai Z 50063
Ben-Porath M 50061
50063
Bena E 30955
Benacerraf B 31428
47083
Benagiano A 52039
Benaim S 14249
14250
Benard H 26660 26753 26795 26804 38720 48856
Benari Y 17601
Benassi E 13117
19239
29611
42611
Benassi P 37315
42688
54270
Benassy J 21386
53427
Benavent W J 30663
37249
Benavides L 5189
37254
37255
Benavides de Anda L 3840
Benavides de Anda P H 36840
Bénazet F 9047
Benazzo L 39060
Bence J J 549
Benchimol A B 12256
48149
Benchimol A S 8199
Bencini A 23645
37411
37412
37413
Benciolini F 30341
Bencze B 14854
23746
Bencze G 11200
29151
36305
43428
Benda C E 50928
Benda F 38335
Benda G T 45832
Benda H 53604
Benda L 11029
25839
Benda N 44172
52080
Benda P 985 15104 27339 27345 37922
Benda R 2493
9635
26565
38168
Bendall D S 25862
Bendelac J 6393
Bender B 23358
Bender C E 13160
Bender G A 32514
Bender L 26289
Bender L F 17769
48761
Bender M B 4927
4930
11707
28303
Bender-skaia E A 34658
Bendersky G 34983
Bendet I J 1694
22610
Bendich A 10198
16964
Bendick A J 51553
Bendig A W 17131
17165
40754
Benditt E P 13232
28387
Bendkowski B 26103
Bendorf G 15376
Bene E 37580
Benedek T 24102
Benedetti A 8362
20963
Benedetti E L 5905
9597
Benedetti G 31684
42516
Benedetti G B 25600
Benedetti-Valentini S 6803
6816
Benedetto V 42655
Benedict A A 45839
Benedict I 6585
Benedict P H 19862
Benedict R G 25159
Benedict W H 5858
Benedikt A 51197
Benediktsson G 41782
41783
Benedini E 194
25568
47813
Benegiamo A 39684
Benelli C 32932
Benelli S 16016
Beneš B 35041
Beneš V 38355
Benesch H 34204
Benešová D 48582
48607
Benešová O 38234
38235
Benetato G 9247
41329
41330
52961
Benetato V 41330
Benetti M P 31700
Benevent J 1466
Bendvent M T 15130
26659
Benex J 37783
Benezech C 5771
Benfey B G 16898
31887
Benforado J M 48230
Bengisu N 14490
Benhamou E 32181
Benhamou J P 21259 21282 24222 32687 44608 54009 45010 54468
Benians R G 14158
Benichoux R 42409
54043
Beninson J 11784
Benirschke K 7628 12690 20081 30422 41258
Benítez Bribiesca L 48742
Benitez Soto L 31866
48742
Benito Arranz S 53898
Benjamin H B 11795
12999
17501
54751
Benjamin J A 33096
Benjamin J D 44253
Benjamin N R 42139
Benjamin R B 22009
Benke V 34417
Benkő A 11188
27184
36417
Benkő S 23749
41613
41623
54875
Benmussa S 10593
55100
Benn K M 18749
Bennett A G 4558
Bennett C G 49846
Bennett E 25155
Bennett E L 47102
50920
50921
Bennett E M 3770
49773
Bennett E O 25156
Bennett G A 26291
Bennett H S 3766
Bennett J H 36973
50652
Bennett J R 48336
Bennett J S 38046
Bennett L L 49278
Bennett L L Jr 1254
Bennett L R 136
137
10123
35677
Bennett M F 12525
Bennett M H 20005
Bennett R A 18035
Bennett R L 48758
Bennett T V 28494
Bennett W 44300
Benney C 19070
Bennhold I 6696
Bennholdt-Thomsen C 15408
22868
Bennike T 11870
25829
Benoist F 9631
Benoist J 25504
25505
25506
Benoist M 54183
Benoit A 36694
Benoit E P 24451
46961
Benoit J 15078
Benoit J C 36142
Benoit M 29133
Benoit O 36688
Benoit P 9200
Bensel A 17725
Bensimon H 8200
8201
Bensley E H 14646
15040
Bensley S H 46938
Benson B B 44977
Benson D F 19806
Benson E M 25428
Benson E S 751
Benson G K 44069
53471
Benson R C 2988
12419
22731
52760
Benson R P 9827
Bensoussan C 32204
Bensoussan H 15960
Bensoussan P A 32408
Bensted H J 17394
Bentall H H 26121
Bente D 11282
Bentejac R 48252
Benter W 18943
Benthaus J 10359
43578
Benthem L H van 7297
Bentivegna S 46919
Bentivoglio L 15550
Bentivoglio L G 2904
Bentley G A 37535
Bentley J F 41884
Bentley O G 25407
Bentley P J 17224
51102
52353
Bentley R 13784
Bentley R E 42952
Benton C D Jr 45090
Benton D A 17807
50962
Benton D P 40139
Bentzen A E 54963
Bentzen O 35310
Bentzon M W 14181 26390 48250 48405 48406
Benua R S 24402
50413
Benvenuto R 8480 10107 42632 42638 42661 54683
Benyamine R 26484
29212

Bényi P 6341 7700
Benyó I 51431
Benz E G 616
Benzecry E 32435 39125 43897
Benzecry L I 21785
Benzer H 6050 46019
Benzer S 19609
Benzi T 6808
Benzing H 39962
Ber A 7774
Beral H 53094
Beran J 2784
Beran V 14836
Beranbaum S L 825 24653
Beránek R 19604 38187 38210
Bérard (Mme) 39474
Bérard J 21402 28377 43777 53230
Bérard P V 31083
Bérard-Badier (Mme) 30472 44729
Bérard-Magistretti S 218 23727 23728 23729
Berardi G F 20215
Béraud C 41387
Béraud C L 36639
Béraud T 2372 39889
Berberian D A 12702 40266
Berchtold R 30597 39836
Berci G 18727 18740
Berconsky I 1550 31006
Bercovich Rodríguez R 15508
Bercovici B 17840 20094
Bercovici L 32916
Bercovici M 20328
Bercovici S 21384
Bercu B A 12363 36325
Berdan C 13472
Berde B 38549
Berdet H 9159 32379
Bérdi J 10575
Berdinskikh M S 33650
Berdjis C C 131 35532 47796
Berdnikoff G 13012 38039
Berdonneau R 1437 1438 25505 25506
Berdrow J 12085
Berducou J 3033
Berdyshev G D 44013
Bereczky E 21971
Beregi E 20172
Beregovich J 44565 53956
Beregovskaia Z G 33641
Beregszászi G 24031
Beremzhanova I A 1745
Berenbaum M C 28300
Berenblum I 26001
Berencsi G 10568 23149 33952 34517 45471 51422 55693
Berendes J 38942
Berenguer G 29542 29543
Bereni J 47755
Berens A 29766
Berens C 103 47062
Berenskii P I 3566
Berényi L 29158
Berényi P 25349 25360
Berenzon Ia Kh 21905
Beres D 44242
Bérest N 29230 29237
Berest N L 29235
Bereterivde J J 18848 49692
Beretta L 42756 52110
Berezeniseva G F 51739
Berezhkov L F 20284
Berezhnoi E G 45652
Berezhnov I P 45876
Berezin 36160 36165
Berezin A 5762 29529 51505
Berezin A I 32880
Berezina E K 36374 36399
Berezinskaia D I 22558
Berezov E L 5980 10735
Berezov Iu E 5984
Berezova E F 33153
Berezovskaia N N 22685 37131
Berezovskii K K 49219
Berezowski F 30066
Berfenstam R 32842 45356 54488
Berg B A 52745
Berg B J van den 18572
Berg C P 17819
Berg D 34188
Berg G 6073 6092 10852 34050 37011 37018 48061 55134
Berg G M 44853
Berg H 32641 42289 55524
Berg H H 39017
Berg H M 41052
Berg I A 17193
Berg J van den 5843 26495
Berg J A ten 33146
Berg J H van den 15804
Berg J W 38064
Berg M 47049
Berg N O 35440 46716
Berg P 4752 4753
Berg R B 43507
Berg S 27130
Berg T 38674
Berg T van den 19736
Bergadá C 8685
Bergallo J A 21211
Bergami G 35001
Bergamini F 8664 37307
Bergamini G 1982
Bergamini V 19248 32142
Berge T 35996 45345
Bergeder H D 9995
Bergeijk W A van 13276
Bergel F 1666 19661
Bergel M 9669 9678 31803 32439 53362
Bergemann E 54872
Bergen M E 44245
Bergen S S 52633
Bergen S S Jr 11632
Bergendahl G 3519
Bergenstal D M 8031 16565 20741 48574 51298
Bergenstam R 12001
Bergentz S E 35073
Berger A P 30423
Berger A S 8428
Berger D 17156
Berger E 22881 51235
Berger E Y 47112
Berger F 23041 46155
Berger F M 4877
Berger G 11039
Berger G P von 48116
Berger G P von 48117 48118
Berger H 16370 32697
Berger H D 18319 34188
Berger H E 35700
Berger J 8140 39548
Berger J P 39809 50677
Berger K 14895 46236 52252 55486
Berger L 577 19667
Berger L R 13752 47942
Berger M 1701 9519 21360 36433 48074 49814 54869 54872
Berger S 23966
Berger S H 25009
Berger S M 16512 50119
Berger U 25234 25785 34055 34070
Bergeret B 24119 37106 51516
Bergeret P 51494
Bergerhoff W 34610
Bergeron A 36637 36638
Bergeron J 18499 18501
Bergeron J A 21972
Bergerot-Blondel Y (Mme) 3129 3130
Bergersen F J 17306 40839
Berges J 14364 50442
Berggren O G 54804
Bergh R van den 37034
Bergh R C 12241
Berghe I V 37042 37044
Bergier E 10222
Bergin J J 13169
Bergin K G 50322
Bergkvist A 23697
Bergler E 16367 39168
Berglin C G 45049
Berglund A 25167
Berglund E 43219
Berglund F 17324
Berglund G 11999
Berglund K 22115 22116 45047
Bergman H 18157
Bergman L A 10052
Bergman N A 956
Bergman P 10174 23824 35437 45328 54808
Bergman P S 12592 19788 34894
Bergman R A 37812
Bergman R T 18152
Bergmann 51449
Bergmann B 20847
Bergmann C 11157
Bergmann E D 19494
Bergmann F 6753 12529 13743 47940 51100 51101
Bergmann G 6102
Bergmann H 27909
Bergmann L 25809
Bergmann M 18997
Bergna L J 12271
Bergnach A 15901
Bergogne E 32043
Bergol'ts V M 1759
Bergomi Massarani M T 13129
Bergonzelli V 29583
Bergot J L 42038
Bergouignan A 41106
Bergouignan M 9158 34733
Bergquist G 45338
Bergs V V 5014 5015 5016
Bergsma D 43062
Bergstedt J 35353
Bergstedt M 35314 35339
Bergstrand A 34410 51034
Bergstrand C B 44892
Bergstrand C G 287 35079 35353 45351
Bergstrand H 43200
Bergström J 32849 44897
Bergström L 37098
Bergström R M 12025 35392 35393
Bergström S 311
Bergstrom W H 52993
Beric B 20046 34579 39751
Bering E A Jr 26646
Beringer A 32827 33821 51820
Berini Giménez E 23906 23914
Beritashvili I 30906
Beritić T 25723 25724
Beritov I S 49546
Berlushev K G 3811 39575
Berk M S 14964
Berk N G 62 51589
Berke R N 46453
Berkeley J 26413
Berkeley W 20773
Berker F 45483
Berkesy L 11193 29161
Berki E 52925
Berkley J L 40950
Berkley K M 23345
Berkman M 21753 32392 51509
Berkman V C 40704
Berkmen R 22373
Berkovich B I 18892
Berkovich E I 18892
Berkovits L 52894
Berkow S G 7639
Berkowitz B 47197
Berkowitz D 38488
Berkowitz L 20858
Berkson D M 28166
Berkson J 6187
Berkut V 34626
Berl S 50922
Berlacher F J 40286
Berlandi 45025
Berli W 39895
Berlin B S 17590
Berlin H 32242 35182
Berlin L 11660
Berlin L B 33627
Berlin N I 41042
Berlin R 32242 35182
Berlin V I 31168
Berliner D L 1380 31295
Berliner F 17758
Berliner R W 13172 23401
Berlinghoff W 27113
Berlinguet L 51358
Berlineva K F 55240
Berlow L 4120
Berlowski J 31537
Berlyne D E 5049 26081
Berlyne G M 2270 18464
Berman A 10701 45565
Berman A J 21675
Berman D T 16888 40393

Berman E F 21803 40954
Berman E R 41278
Berman G 34781
Berman H H 50929
Berman H L 55133
Berman J 11184
Berman J K 35884
Berman L 25926 26455
Berman L B 15906 24480 25011 49651
Berman M 50456 50457
Berman M B 27221
Berman M L 40363
Berman N A 55341 55161
Berman R A 973
Bermann F 15079
Bern H A 2674 31311 38089 41006
Bern J 3198
Bernabeu E P 8412
Bernacki E 20413
Bernadac P 17652
Bernaerts M J 47974
Bernaldo de Quirós J 6709 21204
Bernanke D 52606
Bernard A 51143
Bernard B 51393
Bernard E 17653 28370 28372 32070
Bernard F D 20390
Bernard G 18754
Bernard H R 11801 17578
Bernard J 9011 9018 9024 9027 31083 18002 18003 19593 20668 20675 21266 21269 37802 53334 53335 53336 53337 53338 53988 53989 54001 54298 54300
Bernard J G 2489 9222 14383 24768 43980 47342
Bernard M 14377 31915
Bernard P F 22151
Bernard P M 29369
Bernard R 20522 25669 30474 30481 30482 35028 54082
Bernard S R 23325 49855
Bernard-Griffiths 36635
Bernard-Weil E 15101 32375
Bernardelli E 39772
Bernardi M 42784 42788
Bernardi R 8707
Bernardini V 21066
Bernardo J R 22044
Bernardon J C 3311
Bernardy L 25457 25458
Bernaschek W 23206 46029
Bernasconi A 25602
Bernasconi C 1500 1501 21635 36811 36812 36813 36814 37302
Bernasconi P 35607
Bernat J 10277
Bernatz P E 16571
Bernbeck R 7109 52244
Berndorfer A 1001
Berndt H 48589 55527
Berne E 12634
Berne R M 2925 31307
Berneaga A 11394 34256
Bernelli-Zazzera A 19467 32591
Berner A 17506
Berner M H 44431
Berner P 33836
Bernfeld J (Mme) 8246
Bernfeld M J 40730
Bernhard C G 15691
Bernhard G 25820
Bernhard H 12086 39059
Bernhard K 16387 27915 49924
Bernhard P 19025
Bernhard R 43829
Bernhard R A 19676
Bernhard W 2322 5905 30269 38700 48842
Bernhard W G 5211 30657
Bernhart E L 41163
Bernhart F W 31452
Bernheim J 43841
Bernheim M 30452 30457 54172
Bernheim P 54377
Bernheimer H P 13767
Berni A 52775 52776
Berni B 43262
Bernick S 11772 12929 24388
Bernier B 37059
Bernier J 33408
Bernier J J 1448 15200 15204 15208 15224 26970 26977 38797 48950 48951 48956
Bernier J L 7682 38065 40237
Bernier J P 48488
Berning H 49673
Bernirschke K 51287
Bernkopf H 40900 50059
Bernlohr R V 4709 7234
Bernollin F 422 424
Bernot J 31120
Bernou A 20524 43740
Bernshtein A L 28811
Bernsmeier A 18332 53074
Bernsohn J 5492
Bernstein A 17720 20854 24588
Bernstein D 31133
Bernstein D E 39196
Bernstein D S 31395 50432
Bernstein E F 29749
Bernstein G S 49477
Bernstein H L 10202
Bernstein I A 28268 28269 28441 50649
Bernstein J 23514
Bernstein J S 39461
Bernstein L 4915 44120
Bernstein L M 4448 4682
Bernstein S 8633
Bernstein W H 12340
Bernstein Z L 43164
Bernstine J B 35764
Bernstine R L 12668
Bernt A 34119
Bernt O 11371
Bernuchon J 3037
Bernuzzi S 42606
Beroniade V 6584 47745
Beroqui M E 8967
Berović R 32604
Berović Z 9957
Berquist A 40550
Berra A 42220
Berra J 13005
Berré 43760
Berreta J A 21034 21035 53361
Berri G G 8713
Berrian J H 47552
Berridge F R 2128 5574
Berrien C 28143
Berrios R 8909
Berrios X 21192
Berrod F 47429
Berruet B C 32874
Berruto G 1984
Berry C A 4700 55129 55885
Berry C E 16201 16214 49955
Berry E G 2450
Berry E H 30202
Berry F B 19966 22468 22571 54743
Berry H K 46539
Berry J E 15036
Berry J F 41208 41209
Berry J N 50227
Berry R 52339
Berry R E 147
Berry R J 40877
Berry W T 53259
Berryman G H 24435
Bersani F A 34976
Bersani R 50643
Bersch H W 36458 47674
Bersin T 46212 47675
Bersohn I 21034
Berson I 30973 42306
Berson M I 49385
Berson S A 35717
Berswordt-Wallrabe R von 25194 25195
Bert J M 54895
Bert M 28568
Bertamino F 52071
Bertani G 22593
Bertarelli P 1850
Bertcher R W 31454
Bertè F 37441 37442
Berte S J 12812 12813
Berteau B A 17595
Berteaux S 13051
Bertelli A 37496 37497
Bertelli G 37434 37435
Bertelsen S 43214
Bertelsen T 23862
Bertelsen T I 23890
Bertematti J 13533
Bertha H 33837
Berthaux 2475
Berthaux P 26762 26820
Bertheau M 21404
Berthelsen H G 22389 35099
Berthelot J 54127
berther A 21485
Berthet E 44692
Berthet J 36069
Berthier 39479 44646
Berthold H 39037
Bertholet G 44613
Berthon 42417
Berthood E 41933
Berti T 43263
Bertier 13083
Bertieri A L 39528
Bertinchamps A 14754
Bertinchamps A J 21693
Bertini F 19248 39512 42724 42725
Bertini M 43921
Bertier Å 46695 49348
Berto R 42679
Berto Roman R 31831
Bertocchi F 8465 11829
Bertola A 1990 2004 6916 37532 37534
Bertola G 29668 36730 36746 36768 42613
Bertolani F 8554
Bertoletti P L 51962
Bertoli F 26620
Bertoli P E 6858
Bertolini A M 335 35534 37515 37516
Bertolini M 37165
Bertolotti T 7728 30299
Berton 14446
Bertoncini G 25969
Bertone C 32107 44809
Bertoni 21258
Bertoni R 14387 14388
Bertotto E V 9739
Bertoye A 3099 30439 44771 48890 50785
Bertram C 9987
Bertram D S 7202
Bertram F 1591 22809 46040
Bertram H F 54863
Bertrand A 19351 19355 32049
Bertrand C 19794
Bertrand C 33409
Bertrand D 15067 48798
Bertrand I 9140
Bertrand J 13753 30461 48882 48896 48897
Bertrand L 19351 19355 31058
Bertrand M 26679
Bertrand P 6305 15165 51385
Bertsch W F 5836
Bertsche F T 40009
Bertschmann M 32304
Bervar M 10912 10921
Bervoets W 1080
Berwick L 26457
Bersina T 54752
Berson D 6163
Bess A A 14471
Besançon F 41333
Besarović Z 51710
Besch N F 28340
Beschwitz H C von 27746
Beselin O 3953
Besendorf H 26993 49359 49693
Beskid M 38456 53151
Beskina S R 33654
Beskow A 45577
Beskow B 54486
Besman I 35688
Besman I R 49180
Besoaín Santander M 21194
Bescid F 3252
Bespalova Iu G 52855
Bessa J dos S 50090
Bessa Júnior O 16485
Besse B E Jr 12659 12660
Besse C 48947
Bessède P 32406
Besselaar H J 21827
Besserer G 29434
Bessière 37895 37896
Bessiere E 41122
Bessis C 26261
Bessis M 21260 21300 21303 44628
Bessler W 44302 44309
Besson A 37771
Besson D 46858
Besson J 18004

Besson J 41383
Besson R 21276
53990
Bessonov S M 22685
33508
Bessonova M A 33656
Bessou 31991
Bessou P 26708
26885
Best C H 5003
48708
Best E J 53852
Best F 24273
Best M M 5535
Best P V 5640
5688
Best R J 22012
Best W R 20786
Besta B 1540
Bestagno M 36724
Bestieu R 32410
Bestieu-Caudière (Mme) 32410
Bestugina A A 10710
Beswick T S 5684
17906
Besznyák I 54384
Beszri A 7508
Betancor M 31838
Betetto G 13139
13143
36214
36219
Bethell F H 5255
5256
17581
Bethell M F 55522
Béthenod 50786
Bethenod M 41945
47425
Béthoux L 37917
Bethoux R 53404
Bethune J E 51341
Betina V 19518
Betke K 21634 27391 34116
37229 52167
Bétoulières P 44677
Betourne C 216
29197
32033
Betson J R Jr 20093
Betson Y 17067
Bettag W 34601
49120
Bettega J L 21094
" 44468
Betteiheim F A 29808
Bettendorf G 9985
10012
Bettex M 8147
Bettge S 3208
Betti L 13936
Betti O O 44408
44424
Bèttica-Giovannini R 8580
31667
Bettinazzi N 32157
Bettinger A 20002
Bettini D 3637
Bettini S 31714 31723 49353
53806 53817 53818
Bettini U 1487
1489
36714
36715
Bettink J G 52483
Bettley F R 14083
Bettolo G 42504
Betts A O 7256
Betts J S 50412
Bettzieche H 55473
Betz E 6686
29478
Betz E H 9017 13016 24225
26205 26724 26725
Betz K 33820
Betzien G 28044
Betzler H J 51802
Beuerman V A 12440
Beukering J A van 10522
Beuren A 12557
Beusekom G T van 24074
Beust M 37857
Beutler E 13875
17596
48054
Beutler H K 43301
Beutner E H 12796
Bevacqua R B 27428
Bevacqua V 8583
20959
Bevan W 50508
Bevans M 46501
Bevebård S 35179
Bevelander G 7686
Beveridge E 7155
Beveridge J M 2541
47703
Beverley J K 6143
Bewley D K 37628
Bews D C 14703
Beyda E 45010
Beyer A 15353
38885
Beyer F Jr 46494
Beyer F D Jr 34881
Beyer K H 13176
Beyer K H Jr 23404
Beyer P 25470
25474
Beyer T 45039
Beyerl M C 52803
52818
Beyns A 36192
Beyreder J 11060
Beytout D 6370
Bézanger-Beauquesne L 1055
8315
Bezem K D 19723
Bezer A E 47696
Beserra de Menezes R 53868
Bèsze H 6301
Bezjak B 18517
Beskorovainaia Z G 33340
33341
33355
Beslutskii G S 45122
Besman A 50723
Besman A L 40571
Beznosova Zh A 54577
Bezon A 42036
42037
Bezos D H 21221
25466
Bezos E H 21221
21222
Bézos I H 25466
Bezri A 7512
Bezruk P I 3561
49432
Bezsonoff N A 36085
Bezubik B 33786
Bgantsev N I 45206
Bhagavan H N 54411
Bhagavan R K 4219
Bhagwan R K 2082
37586
Bhagwat R R 27986
Bhakthaviziam C 28283
Bharadwaj T P 18408
27989
Bharucha E D 49999
Bhaskar S N 7682
38065
Bhaskaran K 5086
17448
Bhatia B B 233
40914
40923
Bhatia D S 37586
Bhatia M L 4163
4164
4165
17425
Bhatnagar S S 4180
Bhatnagar V N 4165
Bhattacharjya S S 38481
Bhattacharya A K 17406
Bhattacharya D K 40918
49997
Bhattacharya K R 13391
Bhattacharyya D 5183
Bhide N K 40093
Bhonslay S 46517
Bhonslay S B 14979
Bhose L 50981
Bhushan C 40914
Bhusary B R 17206
40767
40768
Bhuyan B K 16876
16878
Biaggi H R 29371
Biagi F 13901
18851
37257
43938
Biagioni J C 39988
Bialkin G 13486
Białowąs M 30790
Bialowas-Wysocka K 6866
Biancalana D 44323
49592
49595
Biancalana L 52013
Biancani G 3853
16026
27439
29700
Bianchedi S 40872
Biancheri V 25539
Bianchetti E 9527
Bianchi A 35163
Bianchi C 1916 3844 13917
29715 48106
Bianchi C M 2001
2002
37531
39320
Bianchi E 15903
29606
36822
Bianchi G 36557
36558
43461
52935
Bianchi M 1863 15126 19252
26919 42720 54483
Bianchi N O 9725 21794 30242
44396 44402
Bianchi P 1871
1872
37380
37381
Bianchi R 32692
Bianchi S 49367
Bianchi V 1935 1936 6832
6833 32086
Bianchi Donaire P M 53329
Bianchi-Malocchi A 3785
Bianchini P 1909 1910 1911
31671 37329
Bianco A 35781
Bianco A A 19921
Bianco I 53587
53591
Bianco R 1880 33380 37369
44822 44823 54242
Bianda E 43845
54380
Bianki V L 15758
Biasci L 32148
Biassoni P 36738
Bibby B G 16536
Biben R L 13166
Bibergal S 31510
Bibergeil H 1604
Bibergeil H 15637
32968
Biberi S 55834
Biberstein E L 16886
Biberstein H H 38860
Bibikova P D 55831
Bichel J 45493 45500 45506
45509 45514 45522
Bichoe G 42423
Bichol' K G 55831
Bick E M 40778
52679
Bick H D 29465
30098
Bick M W 12454
Bickel E 15391
Bickel G 32318
Bickel H 28943
Bickelmann A G 16820
45044
Bickenbach W 15418
Bickerich R 48071
Bickerman H A 17016
Bickers W 22580
Bickford B J 10321
Bidart Malbrán J C 53327
Bidault C 44989
Bidder T G 4512
Biddington W R 20155
Biddle A 11630
Biddulph C 16836
Bidegaray A 8369
Bidmead D S 13757
Bidoggia H 21036
Bidwell R G 21665
Bieber P 2420
Bieber S 2670
48579
Bieder J 27340
Biedermann G 55747
Biedrzycka R 7836
Biegler R 3250
Biehle H 52208
Biekert E 49892
49926
Bielawiec M 30760
Bielawski W 30804
Bielecki A 11428
Bielewicz J 30742
Bieliauskas V J 40714
Bielicka E 30775
Bielicka I 20237
Bielicke H J 46219
Bielka H 23618
Bielski J 20469
Bielski T 38477
Biemond A 10570
49619
Bien E J 30186
Bienengräber A 55643
Bieniass G B 11722
Bieniass A 43653
Bier E H 16733
Bier M 1394
Bierer B W 462
4623
28188
Bieri J G 31368
37587
47972
Bierich J R 27392
49288
Bierkowski E 55679
Bierman H R 2699
Bierman J M 16674
Bierman J S 44246
Biermann G 34128
Biermann H 55630
Biermé R 54306
54307
Biernacki A 30809
30838
Bierschenk H 34353
Biersdorf W R 790
Bierstedt P 11222
Bierwag K 25214
Biesalski P 3256
29446
Biese A 11335
Biesele J J 13252
13253
40513
Biesold D 55464
Biesold J 49016
Bieter R N 2720
Bieth C H 54190
Bietti G B 31920
Biesuner J 10683
Bifani I 39671
Bifano U 26628
Bigalli A 54219
Bigalli G 31827
Bige G 29156
Bigelow N 20834
Bigelow W G 10103
26428
54687
Biget P L 24905
38732
Bigg E 8472
Biggers J D 19533
19561
25873
44033
Biggi S 36733
Biggs N L 32627
Biggs R 11924
41856
Bigham T J 28030
Bigi N 1995
Bignami A 6942
Bignamini A 29648
Bigne J R 46677
Bigot P 3092
Biguet J 26829
36172

Biguet J 48823
53027
Bihler I 27370
Bijl W J van der 39551
Bijou S W 2841
Bijtel J H 499C
7358
Bilash I 50588
Bilbao Paz C 13547
Bilbey D L 7237
7252
19479
Bilden H M 9265
Bile G 32106
53588
53783
Bilecen Y 45476
Bilek K 6664
Bilek M 31536
Bilek O 43085
Bilek S 30912
Bilesio E A 30994
Bilger R C 18481
Bilger S 34591
Bilibin A F 45114
Bilikiewicz T 30910
Bilimoria D P 17375
Biliotti G 52076
Biliuk M Ia 41666
Bill A 45361
45364
Billa B 37450
Billet B 14506
Billet D 38669
Billet L 30477
Billet R 44690
Billia P 6809
Billiard-Duchesne J L 37807
Billiet L 37041
Billimoria J D 18437
Billingham R A 21669 22308 44035 47555 47568
Billings C 20778
Billings M S 136
137
Billingsley J S 20812
Billitteri A 36802
36803
37521
Billman J H 39291
Billow B W 30153
Biloon S 19834
Bilowicka M 30768
Bilski-Pasquier 50558
Bilski-Pasquier G 32187
54303
Biltz C I 47115
Bilweis J 9175
Bimes C 26948
Bimmer E 23167
34329
Bina H 3311
Binaghi A 9712
Binaghi R 38698
Binazzi M 3904
8588
Bincer V 6888
Binda B 43466
Binda T 47348
Bindborg J 28103
Binder A 4369
Binder H 9546
21604
Binder L S 54732
Binder M J 53572
Binder S S 41447
Binder W 38981
Bindoni M 37503
Binet J P 20523
51881
Binet L 5764 5765 20677 26796 38637 44791 58804 54899
Binet P 5764
5765
Binet du Jassonneix C 24787
Bing J 23969
Bing L B 12461
Bing R J 2366 2921 12557 14970 14995 24988 25985 33057 46866
Bing Y K 41976
Bingel K F 25220
29443
Binger C M 14540
Bingham E L 55131
Bingham J A 2243
Bingle J P 26128
Bingley T 24085
Bini E 35008
Bini L 9356
15247
Binia A 8989
26721
Biniecki S 1045
36180
Binkley F 49275
Binkley F M 22036
Binkowska-Fellman K 53169
Binks J B 29305
Binn L N 17470
Binson G 14437
Binswanger L 32264
44225
Bintarningsih 15606
Biörck G 10157
11976
21808
37822
Bion W R 4284
40156
Biondetti P 42521
Biondi F 6280
16030
Biondi S 3597
39366
Biondini B 33443
Biot J 30443
Biot N 24779
26689
Biozzi G 14099 21262 26915 32684 38722
Bir Ü 3746
Biraben J 3082
17656
26825
41375
Biraben M F 38735
Birarelli B 29681
Birath G 49179
Birch A J 27478
Birch C A 53270
Birch D 40825
Birch-Andersen A 34235
Birch-Jensen A 10597
Birch-Lindgren G 42853
Birchall I 17968
35135
Birchall R 464
Bircher J 39831
Birchfield R I 7396
Bird B 11652
Bird T J 20730
Birdsall E 6495
Biressi P C 31777
31779
Birge E A 4477
20065
Biriukov D A 33479
49545
Biriukova L F 10945
Biriukova Z I 11509
Biriukovich A A 9916
Biriulina T I 33574
Birke E 54831
Birke G 10185 11902 23689 35208 52711 52712
Birkeland S 32211
32212
Birkenfeld L W 4854
Birkenhoven E 25239
Birkhäuser H 20611
32332
Birkhoff R D 23337
27793
Birkinshaw J H 1640
Birkmayer W 29404
33838
39040
46657
Birkner R 9998
Birkovskii Iu E 55784
Birmingham H P 5018
Birnbaum M D 17601
Birnbaum S J 12804
Birnbaum S M 1359
25431
Birnbaum W 3382
Birnberg C H 47014
Biro C 21156
Biró I 28895
34443
Biro L 52897
Birov V V 25751
Birrell J F 5289
28471
Birren J E 40880
40881
50587
Birt L M 13736
13737
Birzle H 15878
Birzu N 47413
Bisaro A 3646
Bisbal R 43909
Bisca B V 832
Biscala A L 24040
Bischof E 39400
Bischoff A J 3
Bischoff F 12497
Bischoff J 46266
Bischoff L 22958
Bischoff P 33438
Bischop G de 47756
Biserte G 3086 3087 3091 25465 27721 35354 37827
Bisetti A 333
20405
26636
30674
Bisgeier G P 43708
Bishof J K 12933
Bishop C C 3166
10132
Bishop D W 52285
Bishop E B 46982
Bishop E L 48539
Bishop G H 9579
17278
39185
Bishop H A 48423
Bishop H C 43493
Bishop J 48982
Bishop J M 38618
38619
Bishop L F 19891
Bishop M B 26121
Bishop M W 44036
44037
Bishop P J 22334
Bishop P M 18668
18686
19642
20479
Bishop P O 19501
28553
Bishop R C 5256
Bishop W A Jr 13556
Bistiani M 37513
42494
42676
Bistarina V P 7898
31192
31228
Biskind J I 52827
Biskind L H 43706
Biskupska G 30788
Bismuth 31069
Bismuth V 54444
Bisogno E M 11295
Bisquerra 421
Bisquerra E 24250
Bissanti A 9282
Bisschop G de 18010
41411
Bissery M 32392
Bisset G W 18393
Bisset K A 7191
Bisset S K 41839
Bistoni A 35627
Bister F 25186
Bistocchi M 44790
Bistolfi F 17989
31662
Bistolfi P 8553
Biswanger L 46451
Bitancourt A A 44976
Bitencourt D M 39991
Bitker M 9145
Bittel R 44762
Bittel-Dobrzyńska N 20242
Bitter W 35399
Bittini M 23305
Bittner J J 9570
13248
17773
Bittner W 29020
Bittrich K 11262
Bittrich N M 35977
Biujle R 7133
Bixler D 17208
Bizard G 3088
54903
Bizos 18618
Bizzarri D V 12970
Bizzell W E 12729
Bjegović M 22354
Bjerkelund C 25837
Bjerner B 43215
Björk V O 10312
54915
54933
Björk-von Bahr S 23856
Björkesten G af 11864
54646
Björkesten G A 35189
Björklund B 4260
Björklund V 4260
Björkman S E 18462
44904
Björksten K af 40840
Björnberg A 22136
23710
Björnerstedt R 54412
Björnesjö K B 19947
19948
35347
Björnsson S 55105
Bjørnstad P 10363
Bjorkse 4437
Bjorksten J 4437
Black A 35640
Black A H 4940
17075
Black B M 12693
14751
50416
Black D A 17985
31254
Black E F 14713
Black H 35717
41451
Black J 50975
Black J A 41846
41884
Black J E 17960
Black J I M 2194
Black M B 11756
Black M E 2998
Black M M 23468
34951
Black R H 23315
Black R L 29279
Black W P 50986
Blackard E 27086
Blackard E H 38491
Blackburn C 41355
Blackburn G 45921
Blackburn J W 11534
Blacket R B 13663
Blackett N M 51300
Blackfield H M 5212
Blackford F 40933
Blackith R E 34385
Blackler A W 4993
Blackman L S 50104
Blackman N 53613
Blackmore W M 16763
Blackstad T W 46548
Blackwell G W 28115
Blackwell H R 28010
Blackwell R Q 35819
Blackwood U B 31357
Blade W R 30099
Blades B 4492
5887
10099
32526
Blagodatov R I 22541
Blagojević M 10563
33369
51690
51700
Blagoveshchenskaia N S 45728
Blagoveshchenskii M A 45703
Blagoveshchenskii V A 1731
55761
55762
Blaha h 3245
Blaho G 11195
52909
Blaich W 18093
36436
36437
Blain D 9262
Blain G 10663
Blain J A 41323
Blaine G 1229

Blaine G B Jr 28548
Blainey J D 13154
Blair D 17732
Blair D M 2452
Blair E 41457 54731
Blair E H M 52805
Blair G W S 10057
Blair H A 40803
Blair J E 25123
Blair R M 13830
Blair W 48341
Blaisdell E R 41092
Blaisdell F 54593
Blaisdell F W 32731
Blaisdell P C 840
Blaisdell R K 13875 17596
Blaiset C 41381
Blake C C 14737
Blake D A 54676
Blake E M 27077
Blake F S 5370
Blake G C 5308
Blake H 5370
Blake H A 32724
Blake J B 17705
Blake J R 11610
Blake T M 505
Blake W P 4610 16771
Blakely W P 17361
Blakemore W S 5889 17061 22046
Blakey D H 5577 17848
Blakley R L 52314
Blalock A 22016
Blalock J R 911
Blamoutier J 9632
Blamoutier P 9632
Blanc A 3626
Blanc C 49317 54076
Blanc F 21376
Blanc J 6316 51398
Blanc M 6369 19775 24300
Blanc P 8143 26678 42427
Blanc P M 54121
Blanc R 31052
Blanc W A 7871 14747 50935
Blanc-Garin J 47445
Blanchaer M C 41260
Blanchard A J 14681
Blanchard J 25497
Blanchard M 36118
Blanchard O 31030
Blanchard R L 23333 23337
Blanchard W G 40438
Blanche R R 15517
Blanchet A 42504
Blanchi J A 32937
Blanchon P 9659 41107 41129
Blanck J 43008
Blanco G 489 16514
Blanco J A 44495
Blanco R L 45726
Blanco-Otero M 16371 46680 53947
Blanco Rabasa E 53888
Blanco Soler C 1804 31841
Blanco Soler Ros C 31843
Blanda F 29629
Blandau R 49483
Blandau R J 49499
Blane G F 54924
Blank A A 28589
Blank C H 9425
Blank F 36427
Blank H 7634 11570 11587 23360
Blank I H 5217 28438
Blank N 42083
Blank R H 45817
Blank W H 17676
Blankenburg W 32265
Blankoff B 9515 11993 21588 35501 50634
Blanpin O 3079 20796 37923
Blanquet F 9037
Blanquet P 3083
Blanquet P 26825
Blansfield H N 27047
Blanton F S Jr 54675
Blanton W B 10417
Blaquier J A 44594
Blaquier P 33435
Blas Zingale S 29345
Blaschke B 15870
Blaschko H 3543 51110
Blaschkowski E 46280
Blasi A 1533 1534 47828
Blasi W di 25181
Blasko B 2771
Blaskovic D 14796 22802 24214 24217 38165
Blass J 13043 26313
Blatrix C 32403
Blatrix C 50737
Blatt I M 6214 13274 18487 36271
Blatt M A 24495
Blatt M H 53359
Blatt N 24277 28858
Blattner R J 5719 17924 28603 41276 51056
Blatz G 23088
Blatz H 46368
Blatz W E 2573
Blau J N 25978
Blau L 16600
Blau M 16349
Blau S 25020
Blaustein A 14687
Blaxter K L 8279
Blay E R 6455
Blaydes R M 20095
Blaylock H C 50677
Blayney A M 4326
Blayo M C 53985
Blazek J 7966 43597
Blazek O 14883
Blažková L 35042
Blažkové P 9488
Blazsik C 3365
Blazsik C F 4461 30149
Blecher M 28260
Blecher O 34348
Blechová D 38307
Bleckwenn H 11123
Blécourt J J de 11288 43027 52524
Bleeker G M 3758 3760 23428
Bleha O 38120
Blehová B 14773
Bleiberg J 4571
Bleiberg N 52675
Bleiching E P 21623 29421
Bleier W 23212
Bleifer D J 11613
Bleiker M A 48406
Bleikher V M 34777
Blekher D S 45730
Bleksmit Z D 22532
Bleyer J M 35673
Bliakher S L 11484
Blickman J R 40468
Blignault A P 9797
Blinick G 43305
Blinov N I 9890
Blinov N O 36386
Blinov P N 34633
Blikh S S 3832
Bliss A H 45279
Bliss B E 28645
Bliss J Q 48729
Blitch P A Jr 10439
Blitek D 24064
Bliuger A F 36358
Bliumberg N A 41700
Bliumenfel'd L A 47993
Bliumkina M I 55240
Blixenkrone-Møller N 22391 38847
Blizzard R M 52615
Bloch B 40643
Bloch C 43802
Bloch J 48899
Bloch K 3246 13834 40488
Bloch K J 40311
Bloch P 18017 54617
Bloch R 10040
Bloch-Michel H 36053 54183
Blochin N N 51281
Block B 7864
Block I R 22084
Block J 17153 31547
Block L 7023 52160
Block M 20944
Block M A 11784
Block S 5463 49329 49863
Block S L 53624
Block W 29023 35260
Block W D 4 35725 50650
Blocker T G Jr 7522 10684
Blocksom B H 21871
Blöch J 22853
Bloedow C E 28583
Bloem G W 7336
Bloise W 50435
Blokhuis E W 21648 29971 29993 43050
Blom G E 7880
Blom S 49349
Blombäck B 5760 35378
Blomfield G W 14200 37729
Blomquist C 46707
Blomquist H E 23972 35068
Blomqvist G 10157 11970
Blond K 40982
Blondal H 19622
Blondeau M 44988
Blondeau P 9007 15956 18996 29045 42506 53438
Blondeau R 54418
Blondheim S H 50063
Blood B D 48095
Blood F R 41229
Bloom B L 40721
Bloom G 46610 49356
Bloom M A 46894
Bloom W 46894
Bloom W L 14607
Bloomberg A E 47597
Bloomberg R 17149
Bloomer W E 14757
Bloomfield A L 9970 54590
Bloomfield D K 13834
Bloomfield J J 475
Bloomfield S 50868
Bloomquist E R 15932 18806
Bloomquist H 48383
Bloor W R 32348
Blosser T V 23334
Blossom R C 40259
Blosstein R 48448
Blough D S 17346
Blough P M 5589
Blount S G Jr 8128 30417 40297 51159
Blow D M 7198
Blowers R 18669
Blubaugh F C 40354
Bludova N M 45651
Blue G D 5934
Blümcke S 34419
Bluemel C S 5817
Blümel G 26163
Blümlein H 6103
Bluestone E M 8127
Blum A 54530
Blum A S 50728
Blum B 1444 41288
Blum C 26980
Blum E 17988 28677
Blum F G Jr 34904
Blum H F 2316
Blum J 6311 6327 26278
Blum J C 24876 38633
Blumauerová M 52449
Blumb W 11463
Blumberg B S 2365 4800 13690 35718 36915 52399
Blumberger K 12056 12058
Blume H 7375
Blume J 4581 34147
Blume N R 10180 10181
Blume N R 22138
Blumel J 23517
Blumenberg F W 12062
Blumencron W 11298 49878
Blumenfeld H L 50467 50468
Blumenfeld O O 50569 50570
Blumenkrantz N 47058 48215
Blumensaat C 54945
Blumenthal B J 25130
Blumenthal H T 17369 28957 40879
Blumenthal J 44212
Blumenthal S 47776
Blumer A 3925
Blumstein G I 50132
Blundell A E 19910 34969
Blundi E 51636
Blunt M J 50296
Blutinger M E 50797
Blyth W 52282
Blythe R H 714
Blythe W B 12546
Bo G 16009 16010 16011 21475
Bo W J 20782
Boackle L 46939
Boada G 55000
Boag J W 44296
Boak R A 48253
Boake W C 48144 52605
Board F A 46449
Board R 8391
Boardman N K 45835 45836
Boardman W K 4385 17353 26083
Boaro G 42745 51958
Boas N F 3418
Boatman K K 1227
Boba A 10134 20057 46871 48392
Bobalik G 44100
Bobath C K 356
Bobbio A 44319
Bobbitt R M 55364
Bobek K 14889 41649 46289
Bobek P 53101
Boberg-Ans J 23848 30215 48997

Bobin V V 13572 13581
Bobiński H 8098
Bobin G 251
Bobkova T S 36387
Bobkova V V 46332
Bobon J 35252
Bôbr J 20184
Bobra S T 6502 14688
Bobrov N I 22621 49788
Bobrovskaia G D 34713
Bobrovskaia M N 46337
Bobrow M L 3980
Bobrowa-Porwit Z 20190
Boccacci M 31714 31715 31723 49353
Boccalatte F 39361
Boccanera S 32128
Boccard R 38693
Boccardi S 6844 6845 6846 6847 29607
Bocci V 37445 37446
Boccolesi L 9729 9730 21775 21782 32440 32441
Boccitto G 30674
Bocek R M 40531
Bochalli R 19049
Bochenek Z 30329
Bochkor B 18602
Bochkov N P 37217
Bochnik H J 25365 25366 27166 27167 27168
Bochořák Z 21545
Bochud J M 9112
Bočírnea C 9459
Boek C A de 48228
Bock E 3298 10293 38296
Bock F G 2689
Bock H E 371 18979
Bock K 41598 49067
Bock K D 18321
Bock K J 42301
Bock P 34127
Bock R 12449
Bock R D 20862
Bockel P 6667
Bockel R 21265
Bockemüller W 55558
Bockman A A 15939 24435
Bockoven J S 11659
Bocquet C 3061 38642
Bocquet L 32070
Bocquet P 15116
Bocye F F 22049
Boczko M 19805
Boda D 12000
Boda D 28785
Bodansky O 24402
Bodart A 21332 31963 31964
Bodas M K 50617
Boddington M M 7208
Bode H H 24916
Bode J J 52524
Bodechtel G 7080
Bodeker M P 19147
Bodell B 19910 34969
Bodenhamer G S 40033
Bodenicharov E I 34824
Boder H C 42925
Bodfish R E 46586
Bodi T 10543 18649 35645
Bodian E L 40168
Bodkin P E 6130
Bodman R I 18051
Bodner H 30937
Bodnia I F 10816
Bodó T 43442
Bodoky G 30287
Bodon G R 22023 47249
Bodrogi G 11009 29152 52886
Bodrova N A 47885
Bodungen N F 9882
Body R A 52387
Bodzay J 3211 3997
Boebel R 34258
Böck J 22762 22766 22774 45953
Böckel V 43608 49886
Böcker H 34100 34117
Boecker W 10285 15463
Bödecker H 22968
Boeder K J 6676
Bøe J 35712
Bøg-Jensen R 10595 30214
Böger J 6734 13385 39952
Bøggild A 10613
Boegler F 4043
Boegly W J 23331
Böhlau V 55440
Böhlick I 25251
Böhle E 3250 3257
Böhler J 6054 11392
Boehm B 11283
Boehm J J 23521
Böhm L K 46231
Böhm R H 13364
Böhm W 3274
Böhme A 15359 47688
Böhme B 11175
Böhme D 18330 38968
Boehme E J 42053
Böhme H 6069 11205 13364 22947 23066 30501 34031 36461 47670 47681
Böhmer M 49344
Böhmert W 6660
Boehmler R M 5835
Böhnel J 55380
Böhni E 32314
Böhringer V 34037
Boek W E 7546 7876
Boekamp K J 27748
Boeke P E 29984
Böke W 42241 51245
Boekelman A J 15990
Boeles J T 13435 38609
Boellaard J W 55610
Boelsche A N 50965
Boelsma E 52369
Boelsma-van-Houte E 41815
Boely C 53394
Boeminghaus H 11312 11319 11321 55603
Boenheim M 38930
Böni A 22869 43801
Bönicke R 55493
Boenigk J W 16724
Boenninghaus H G 23031 46151
Boer de 52548
Boer J 29957
Boerema I 29949 40952 43067 52495
Boeri G 32147
Boericke G W 16078 16079
Boeriu I 55471
Börner W 397 23014
Börngen S 15326
Börnig H 49905
Börőcz L 11409 52913
Boerrigter A H 19730
Børrild K 35317
Boesaart J W 52552
Bösch J 25343
Boesche P 34457
Boesen I 27098 42507 42513
Böseler E 38643
Boeswillwald M 27704
Böszörmenyi J 41830
Böszörményi M 10565 22359
Böticher C J 41815 52369
Boeticher F P 23064
Boeticher W 25293
Boette G 34192
Böttiger H 29493 39751
Böttiger L E 41040
Böttiger M 25167 25168 43227
Boeva E M 33504
Boeva M N 32786
Boevé J 36870
Böwing G 6685 6696 9991 18981 48068
Boffi L 1493 1494 1495 5876 6787 6800
Boffi V 40180
Bogacz J 26470
Bogaert L van 49620 54105
Bogart W M 25161
Bogartz W 28332 28333
Bogatyrev M F 45881
Bogdan F 31135
Bogdan L 31135
Bogdanić I 51726
Bogdanik T 8084 30734 53146
Bogdanikowa B 8070 8081
Bogdanov F R 33487 43404
Bogdanov L 10904 10915
Bogdanova E A 45882
Bogdanova E V 33342 33345 33346 33347
Bogdanova Z 28755
Bogdanove E M 49246
Bogdanovich V V 51737
Bogdanowicz G 215
Bogdanowicz J 32396
Bogen E 4453
Boger M 8020
Boger W P 559
Bogert A B 40309
Bogetti H 31029
Boggino J 12698
Boggio-Gilot G 9657 38550
Boggs D R 52607
Boggs H W Jr 11794
Boggs J 47252
Boggs T 17029
Boghossian H M 11779
Bogićević D 30093
Bogicevic J 255
Bogin M 17912
Bogle J H 19716
Boglione G 52060
Bognár R 7186
Bognár S 52180
Bogner R L 40383 47735
Bognibov E A 55329
Bogoch A 48484
Bogoch E S 52376
Bogoch S 52376
Bogolavlenckaia N V 13866
Bogolavlenskaia M P 8257
Bogolavlenskii Iu K 25919
Bogolavlenskii N A 10753 21923
Bogolepov N K 34733 34773
Bogomazova V P 41677
Bogomil'skii R D 43541
Bogomolova A P 47859
Bogomolova N S 22674
Bogorodinskii D K 46292
Bogorodskaia T A 48039
Bogosian A 13332
Bogoslavskii A L 33594
Bogoslavskii R V 10790
Bogri S M 47870
Boga U 7973 20325
Bogsch A 15297
Boguss J 20409
Boguszewska N 20236
Bohan E M 27108
Bohenszky G 43447
Boh Kwee T 36567
Bohle A 33544 51778
Bohle J S 8438
Bohlig H 15383
Bohm E 23794 32858
Bohm R H 36461
Bohman V R 3926
Bohndorf W 49012
Bohnenkamp H 6102A
Bohnslav P T 468
Bohnstedt R M 32657 46652
Bohrod M G 19885 28015
Bohuněk V 52566
Boiadzhiev Ts 32754 45300
Boiadzhieva A 32775
Boianov L 32742
Boiarshinova M S 31234
Boichev B 28730 41592
Boidin A G 15239
Boies L R Jr 47265
Boikina B S 3634
Boilot Y 54908
Boineau N 24295 30467 30470 46856 46858 53015
Boinet B 15181
Boinet G 15180 15181 15182
Boiron H 26676 37829 37830
Boiron M 9011 15123 54298
Boirot J 6400
Bois I 11906
Boisot J 41110
Boisseau 29238
Boissier J R 13099 26750 54890 54901 54913
Boisson 37863
Boisson L 41467
Boistel J 28625 38691
Boisvert P L 13626
Boiteau H 29234
Boiteau P 38743 46872 48873
Boittelle C (Mme) 47455
Boittelle G 47454 47455
Boittelle-Lentulo C (Mme) 47454
Boiu S 43993
Boiuklieva B 32770
Boivin J M 36679
Boivin P 32938 53990 54294
Boivin P A 14567 14568
Boixadós J R 21118
Boixel J 30465
Bojanowicz K 30756 53189
Bojc F 51724
Bojinescu A 9474
Bojszkó I 7711
Bok J 52539
Bokelmann G 54344
Bokhanov I T 55222
Bokma L H 13047 47618
Boko F 51678
Bokonjić J 51679
Bokshtein M E 52859
Bokslag J G 29981

Bolam R M 14089
Boland E W 14542 32428 36299
Boland F P 49830
Boland J E 31242
Bolande R P 23464 34993
Boldingh W H 3617
Boldizsár H 41621
Boldon E I 22905
Boldrini R 23065
Boldt R E 12013
Boldt W 3740
Bole G G Jr 45569
Bolech P 6105
Boles R S Jr 39458
Boles-Carenini B 35776
Boley F I 19515
Boley J O 10316
Bolgár E 52893
Bolgert M 37857 37858 37870 37882 54473
Bolia M C 1110
Bolin B J 767 20857
Bolin J C Jr 16690
Bolin V S 40419
Boling E A 6749
Bolinger R E 7273 41016 51919
Bolívar J 25936
Boll I 15776 15777 15778 24228
Boll W G 54414
Bolla A 30341 32289
Bollack C 18543 19776 53369
Bolle A 30600
Bollea G 11242
Boller R 22854 55398
Bollet A J 31421 50438
Bolli C 16012
Bolliger A 36987 44938
Bollman J L 47117 49713
Bolliobás B 14852 20531 30230 31046
Bologa V L 9922
Bolognari A 48128 48129
Bolognesi C 1855 30339 30345
Bolognesi G 44165
Bolognesi M 17989
Bolonina N I 33596
Bolotina T T 1736
Bolotkina L I 39345
Bolotnikova F I 8257
Bolotovskii V M 34677
Bolstad D 36283
Bolt R J 49722
Bolt W 10445 12066 22189 46199
Boltanski E 36663 36664 55113
Bolte A 30548
Bolte E 38010 48529
Bolter S 50861
Bolton B 10435
Bolton H E 40935
Bolton J H 42110
Bolton P R 27808
Bolton R N 652 22731 35753
Bolzani L 44912 45396
Bolzinger R 21254
Boman Å 43221
Boman K K 35395
Bombelli R 25609
Bommer S 3224 19380 36434
Bommert R 38914
Bompiani A 13113 15183 15185 29656
Bompiani G D 26502
Bóna E 43455
Bonacker R D 19095
Bonacossa Torrent R J 6604
Bonadies A 21457
Bonafede V I 50929
Bonafos 41476
Bonafos M 47326
Bonain 26370
Bonamour 26361
Bonamour G 6322 51386
Bonan R 29691
Bonanni M P 27641 42556
Bonanni R 1514
Bonanno S 19168 21437 27642
Bonanomi L 6948
Bonaparte M 50034
Bonard E C 9125 21287 39875 44715
Bonati F 3862 49367
Bonavolonta A 13943
Bonazza R 29682
Bonazzi C F 53342
Boncompagni P 13101 49593
Bond C F 742 3414
Bond J F 28163
Bond J O 17291
Bond R G 54629
Bond V P 1773 11931 44134 51309
Bond W M 10127
Bondalevich V Ia 28771
Bondar' N I 31186 51208
Bondar' Z A 22160
Bondar Z A 33484
Bondareff W 21875
Bondarenko A A 31203
Bondarenko E D 10773
Bondareva N V 18894
Bonde G J 24003
Bondet P 51395
Bondi A Jr 16709 40359
Bondi C 9322
Bondil J N 32371
Bondo J 22400 27102
Bonduelle M 9197 15963 31053
Bondurant S 16867 23351 40438 46379 49187 50321
Bondy P K 25425 27080 40536
Bone A D 13692
Bone J N 16721
Boneau C A 40819
Bonebakker A 19734 33146
Bonechi I 6950 29635
Bonel L 36144
Bonelli L 42580 42597 42598 42599 42600 52116
Bonelli M 27640
Bonetti G 9272
Bonetti U 32169
Bonfiglio M 40613
Bonfiglio V 52778 54240 54241
Bonfils S 7767 9202 32039 32927 44627
Bongartz G 34409
Bongi G 7662
Bongiorno A 1111 27649 36216
Bongiovanni A M 4865 17029 17044
Bongiovanni A M 53007
Bonham-Carter R E 53542
Bonhoeffer K 30540
Bonhomme C 44662
Bonhomme R 43737
Bonhorst C W 52853
Bonhour A 27216
Bonhoure G 15127 26767
Boni A 44820 52779 54238
Boni R 20939
Boni V 11349
Bonica J J 4520 50671 50745
Bonichon A 34434
Boniece W S 13335
Bonifacio A 9321
Bonifazi M 43833
Bonilla K B 45548
Bonilla Martí F 42210
Bonilla-Naar A 8159
Bonime W 8390
Bonis 17654
Bonitz K 6652
Bonivert M 46559 46562
Bonjean M 51396
Bonk A K 24608
Bonn P 50939
Bonnal J 9158 18006
Bonnard A 16757
Bonnaymé R 2384
Bonne A J 19726
Bonneau E 22149 41482
Bonneau M 53417
Bonnefoi A 38662 54004
Bonnefoy J 13086 41147
Bonnel P H 10968 13042
Bonner C D 3778
Bonner J 47948
Bonner J T 4977
Bonner R H 55899
Bonner W A 11748 31385
Bonnet D 26855
Bonnet D D 890
Bonnet E F 8724
Bonnet F 35356 54034 54035
Bonnet H 25444 30459
Bonnet I (Mme) 26374
Bonnet J 2423 2426
Bonnet J L 1065 26374 31988
Bonnet P D 13676
Bonnet-de-la-Tour J 49749
Bonney G 40630 50387
Bonnier C 25132
Bonniot A 20517 51379
Bonniot R 20802
Bono F 35007
Bono G 19166 29728 42797 42801
Bonola A 31739
Bonomini B 13124
Bonomini V 3853 3875 27439 29699 29700 39897
Bonomo I 42192
Bonomo L 31756
Bonomolo A 44170 44175 53584
Bonse G 15458
Bonsel J 33138
Bonser G M 44066
Bonsignore A 9588 26336 32093
Bonsnes R W 3002 20092
Bonte F J 8567 31645 38487
Bonte G 35413 36689 41364
Bontke E 3504 15978 30494
Bonu G 29589 42553
Bonvallet M 34834 41332
Bonvini E 16309 42782
Boogert J A van der 33452
Boober R J 54649
Booij J 15805 15838
Bool P H 25141 33139
Boon T H 14052
Boone I U 469 2712 5435
Boone J A 28650
Boor C de 53598
Boorman J P 10476
Boos O 18914
Booth A 7192
Booth B A 48572
Booth C C 41883
Booth J 37074
Boothroyd W E 48485
Boozbaum M M 40166
Boos 35233
Boos G 26725
Bopp K P 21623
Bopp K P 29421
Boquet P 53381
Boquien Y 15188 31982 36661
Borba P 16137 42191
Borba P de Q 16139
Borbély L 24034 35375
Borbolla L 53889
Borbolla Vacher L 21128
Borchardt K A 13345
Borcherds D A 50431
Borchers R 28572
Borchgrevink C F 35187
Borda-Bossana D 44120
Bordeleau J M 45546
Borden A B 16512
Borders D 39291
Bordes L R 14391
Bordet F 28355
Bordet P 26176
Bordet R 32910 32911
Bordet S 23927 26778
Bordier H 26672 26858
Bordier J 37883
Bordier P 8795 9653 24771 44776 45012 47349 53441
Bordin E S 17180
Bordiushkov In N 1768 13870 53467
Bordjochki A 1421
Bordley J III 10419
Bordner R H 1309
Bordone S 30346
Bordoni C 1995
Bordulin In D 28833
Boreau T 21752 27716
Borecka D 29503
Borecký L 46773
Boreham P 37640
Borek B A 50565
Borek Z 38133
Borel 18564
Borel C 39867 54350 54361
Borel J 47437
Borel L J 43984 48252
Borel M 50786
Borell L R 38502
Borell U 15984 23820 43195
Borelli G 13501
Borelli L R 19893
Boren H G 42067
Borenstein D I 3340

Borenstein P 36116
Borensztajn D 29497
29498
Boreš J 14879
Borg D C 4856
52301
Borg E 10375
Borg R E van den 20540
52497
Borgatti G 37316
37317
Borgeld W A 11834
Borgen P H 23533
Borgersen A 35448
Borges F 28085
Borges S 53848
Borghetti A 3881
Borghi G 10618
Borghi M 36779
Borglin N E 10187
54829
Borgna E 32138
32158
Borgomano M 38748
Borgoño J M 21184
53955
53968
Borgström B 31404
Borgström K E 35282
Borhani N O 24984
Boriani V A 42747
42750
42756
Bories J 35449
Bories S 6419
51519
Bořfková E 288
11996
Borinevich V V 34760
Boring J R III 20883
Borisenko F F 45253
Borishpolets V I 45707
Borisov A V 47891
Borisov V V 45872
Borjanović S 27860
Borkenhagen R 24691
Borkowski M 6968
Borkowski T 7825
23581
Borley W E 55015
Borloz S 43818
Borm D 2283
34373
Borman A 1583
13189
13190
55294
Borman C N 52130
Bormann von 6668
Bormann F von 46227
Born E 11356
44206
55649
Born G V 48229
Born J 46163
Born J L 32698
Born W C 10007
Borneff J 25232
Bornemann K 22938
Bornemeier W C 40056
Bornemiza G 16276
18591
23180
Bornet V D 28154
Borniche P 32389
32390
32391
32393
Bornmann G 13654
Borno R 44580
Bornschein H 33941
33942
55450
55453
Bornstein M B 16941
Borodin O 2753
Borodin V P 55813
Borodina T A 24210
Borodkin Iu S 33184
Borok J G 48592
Boroň P 8064 30744 30760 30857 30866 43639
Boron R 8244
14366
Borona H 20632
Boros E 24415
Boroughs H 20750
Borov I 16424
Boroviagin V L 47992
Borovyi E M 18215
21935
41507
Borowska S 30804
Borowska-Kuźmicka J 33734
Borowski J 29517
Borowsky B A 20746
Borrachero del Campo J 8888
Borrás J A 42217
Borras P E 27201
Borrazzo A 14008
14009
Borreguero A D 8872
Borreli S 8898
31840
37081
Borrelli G 31762
Borrelli J 48056
50462
Borrey F 10225
Borri G 13494
Borri M 19251
Borrie J 2212
52692
Borries B von 11343
55611
Borrmann H 15361
Borromeo V 1276
Borrone C 6244
37508
37509
50235
Borroni J C 9674
Bors E 17487
25514
28146
Borsal L 31122
Borsari G 32325
39865
Borsay J 10590
34288
34289
Borshchevskii I Ia 10761
Borshtenbinder V M 45851
Borsook H 19611
44110
Borsos D (Mrs) 10573
Borsos T 31314
Borsotti P C 52025
Borst H 29048
Borstel R C von 54584
Borszewski J 20457 27602 20832 30845 30852
Bortagaray C A 25937
Borth R 17027
21618
35120
Bortman M 9684
Bortner T E 23337
27795
Bortolami R 47792
47797
Bortolotti G 24936
24942
25567
Bortoluzzi A S 21219
Borts I H 1827
Borum K 23974
23975
Borun E R 12334
Borut S 52284
Bory J 47353
Bory L 20666
32930
Bory R 3710
3711
Borzani W 4712
Borzilleri C 45082
Borzone R A 9677
Bos C 49474
Bos C C 21648
43050
Bosc R 30476
30480
Boscaino N 30667
30668
Bosch D 26468
Bosch D K 26467
Bosch H R 27381
Bosch J van den 46455
Bosch L 26006
37122
Bosch S J 20621
51618
Bosch T 27034
Bosch Olives V 38533
Boschann H W 13213
24139
24141
Boschetti A E 11618
Bosco G 43260
43265
Bosco H F 7673
Bosco L 19854
Bose A N 17415
40105
Bose B C 4191 4203 36581 36582 49993
Bose J 5174
17446
Bose K S 17423
17454
Bose S 4172
Bose S K 4221
13750
Boseila A W 208
35084
35096
Boseila A W A 35087
Boselli G 12998
26589
52075
Boselli P L 54211
Boshamer K 45582
Bosher L H Jr 54676
Boshes B 5492
Boshko G V 18902
Bosi M 27621
Bosinelli M 8620
8626
Bosisio M R 37333
Bošković M 29395
Bosma J F 5818
43499
Bosman R I 22472
Bosman-Schavinga M T 7313
Bosniak M A 45550
Bosque P 26680
Bosque P G 7090
Boss T E 11092
Bossak H N 8453
Bossart C D 16736
Bossart P A 46512
Bosser C 53391
Bossert O 41600
Bossi E 30672
42717
Bossi R 242
Bossina K K 29954
Bossio V 33549
33554
Bosso L 12815
Bossone J E 17723
Bossu A 13064
Bost J 26871
26952
26953
Bostick W L 13237
Bostock J 6458
6466
29311
Bostock N L 24473
Boström H 35173
Boström I L 23888
Boswell L S 3417
Boswell R S 19791
Boswell W L 47217
Bosworth D 39159
Bosworth D M 30167
Bozsormenyi-Nagy I 26985
26986
Bot G 23773 24013 24018 28790 28797 41626 41635
Botar J 23578
Botas García-Barbón V 8797
Botelho E L 21150
Botelho J A 53672
Botelho L 4355
35855
50089
Botelho L da S 4361
40219
Botella García J 53902
Botella Llusiá J 7577
Botella Llusiá J 9753
Botella Llusiá J 38536
Botero D 24697
Botev Z 32748
Botev Shch 32757
Botev Sht 45302
Botez A 1048
Botez M I 2022
38291
44754
46336
Botham R J 10078
33871
46056
Bothe F A 10993
Bothier F 41398
Botos A 11194
Botseas D S 47599
Botsford J H 12238
Botsman N E 33473
Bottiacin C 25627
27352
27354
Bottelberghs R 35488
Botti E 47809
Botti G 3844
Botti R E 4858
Bottiglioni E 27367
47819
47821
47823
Bottiglioni F 9400
25709
Botting F A 16260
Bottini A C 25950
25957
Bottone J J 12712
Bottou M 6382
Bottrill D E 48301
Botts H H 49937
Botwinick J 40885
50591
Bouboulis C J 40487
Boucek R J 4503
Bouchard J 31495
Bouchard M 41920
Bouchard R 51507
Bouche J 13082
Boucher 50784
Boucher H 9253
Boucherle A 36089
54911
Bouchilloux S 15130
26298
26299
48827
Boucot K R 49774
Boudêne C 984
Boudet 7065
7069
7075
Boudet C 7062 7066 7072 14506 54116 54117 54118 54119 54120
Boudin G 9153 9155 9196 32036 37938 48941
Boudoures P C 18123
Boudoures-ques J 9156
Boudouresques 29189
29193
Boudreau D 23418
Boudreau J C 50481
Boudreau R P 817
Boudreault A 14660
Boudwin J W 52770
Bouhuys A 11973
Bouilland R 54005
Bouillet R 35279
Bouisset L 1034
26710
26887
26954
Bouisson 47756
Boujard O 14483
Boulad L 54117
54118
54119
54120
Boulangé M 21336
24783
37934
Boulanger E 35504
53237
Boulanger J B 26430
Boulanger P 13753
37805
48839
Boulard C 24259
31045
32411
44638
Boulet P 54902
Boulet R 53430
Boulger L R 22296
Boulin M 8250
Boulin R 9649
Boulle M (Mme) 37871
Boulle S 37871
Boulous 32410
Boulpaep E 15157
Boult E H 7213
Boulu R 26851
Boulware J R 7877
Bouma C 28222
Bouma N G 19737
Bouman J 1690
1711
Bounameaux Y 10326
10356
13452
31949
Boumans J C 7305
Boumard B 1464
36671
Boumard G 43759
Bounhoure J P 9008
54469
Bounous G 42491
54718
Bouquet (Mme) 43952
Bour H 9049
9050
Boura M 38745
Bourde C 29203
Bourdeix G 36633
Bourderon G 37833
Bourdet L 6361
Bourdet P 43735
Bourdial J 43952
Bourdon G 54011
Bourdon R 9664 18004 24787 41383 49741 53989
Boureau M 21367
43976
Bourel M 13013
Bourestom N C 4431

Bourestom N C 40253
Bourg R 24128
Bourgain M 13042
Bourgeois 43803
Bourgeois J G 33406
Bourgeois M 50562
Bourgeois R 1461
Bourgeois-Gavardin M 12965 24764 47330 54538
Bourgeois-Spinasse (Mme) 43964
Bourgeois-Spinasse J 17526
Bourgeon R 399 400 411 24248 24264 24291 30468 42442
Bourgoin L 41920
Bourgon 16997
Bourguet 32003
Bourguignon A 37938 38734 54882
Bourhis (Mme) 2430
Bourhis J (Mme) 37859
Bourimborde A O 15533
Bourlière F 9051 27567
Bourne G 6150
Bourne G H 2076 15686 23554 23562 23569 29859 46550
Bourne G L 20081 26150 38621
Bourne H 6467
Bourne L E J. 28335
Bourne M S 41817
Bourne R B 22483
Bournot K 7972
Bouroncle B A 3234 46608
Bourra... C 6319
Bourret J 38092 47765
Bourret P 9214
Bourroul Filho C 436
Bourse R 26955
Boursier D 2007
Bousfield W A 17345
Bousingen R D de 54603
Boulka J 38358 48668
Bousquet 44668
Bousquet G 51483
Bousquet J J 44157
Bousquet J P 33407
Bousser J 37936
Boussier G 26347
Boustedt B 49781
Boutet L 32015
Boutin 5325
Boutin J 41995 41996
Bouton J 33012
Boutou G 37851
Boutselis J G 24504
Boutwell R K 26467 26468 48572
Bouverot P 26683
Bouverot P 26909 36591
Bouvet M 4297
Bouvier C 51496
Bouvier J 40965
Bouvier J M 36054
Bouvier M 29139 29140
Bouvrain Y 31086
Bouwdijk Bastiaanse M A van 29990
Bouwens van der Boijen G 2478
Bouyala J M 18641
Bouyard P 38665 38685
Bouyer 31999
Bouygues P 31053
Bouzas A 14495
Bouzayen A 55100
Bovard E W 20864
Bovarnick M 31397 45900 50565
Bove J R 29259
Boverini A 20620
Boverini A H 53352
Bovi A 27674 27676
Bovington M S 26449
Bowden L 54649
Bowdler A J 30917
Bowe A B 19999
Bowe R 23310
Bowen D A 6133
Bowen E H Jr 47309
Bowen H F 14618
Bowen J A 17505
Bowen J F 25013
Bowen S S 54851
Bowen W J 12537 47936
Bowen W R 31337
Bower A G 14546 18795 28140
Bower G C 927
Bower G H 50485
Bower J R 53063
Bowerman C I 23811
Bowers C Y 38067 41263
Bowers D 14668
Bowers E 4895
Bowers H J Jr 24413
Bowers J E 8425
Bowers M K 28038 47197
Bowers P A 5400
Bowers R F 1225 11800 23472
Bowers W F 45548
Bowkiewicz J 30711
Bowlby J 37582 40157
Bowling D C 35787
Bowman C B 20076
Bowman E R 55007
Bowman F W 50254
Bowman K M 26984 47156
Bowman N 42087
Bowman P H 51899
Bowman P W 5313
Bowman P W 46975
Bowman R L 19692
Bowman W C 28619 48244
Bowman W D 3455
Bowmer E J 48501
Bowness J M 13707
Box E D 40948
Boxaca M 15510
Boxer G E 4739
Boy J 26747 26969
Boy J L 25449
Boyack G A 36347
Boyce W H 17074 19964 35464 55039
Boycott B B 52381
Boycott J A 21538
Boyd A 39566
Boyd B A 26444
Boyd D A Jr 24623
Boyd D H 48188
Boyd D P 41785 51316 54765
Boyd E 35797
Boyd E M 2542
Boyd G F 40867
Boyd G S 14194 55290
Boyd H B 40608
Boyd I A 28631 28632 28633 28634
Boyd J 53549
Boyd J D 54530
Boyd J F 14030
Boyd L J 24414 28120 30150 41032 46919
Boyd M L 53110
Boyd R A 28011
Boyd W C 28431
Boyden S V 8328
Boye E 55110
Boyer A 33054 46537 46538 54006
Boyer B E 20388
Boyer C H 38818
Boyer F 2301 13052 48834
Boyer G S 40815
Boyer M G 45274
Boyer R A 35634 48703
Boyer S H 14982
Boyes T 43504
Boyland E 1653 37074
Boyle A C 36295
Boyle A J 40122
Boyle E 50730
Boyle J F 28156
Boyle M H 29005
Boyle R E 12368
Boyle W 41323
Boyles P W 24409
Boyles W A 1305
Boylston B F 35924
Boynton R M 11695
Bozduganov A 16425
Bošek J 53180
Bozeman F M 50538
Bozhanov A S 45317
Bozhinov S 32736
Bozhkov B D 6048
Bozilian Kh A 9915
Bozkowa K 6882 14859 20236
Bozler E 12487 12488
Božović B 32606
Bozsóky S 51421
Bozukov V 45285
Bozza M 19254 42483
Bozzani V 29661
Braak J W ter 7319
Braams R 38853 42958
Braams W 54313
Braams W G 42997
Braasch J W 39136
Brabcová S 46605
Braccini L 1113
Bracco M 53798
Braceland F J 50859
Brachet J 37826
Brachmann F 7111
Brack C B 12424 38606 43303
Brackbill Y 50501
Bracke G 7300
Bracken E C 5637 20739
Brada Z 11353
Bradáčová M 14847
Bradbeer T L 41072
Bradbury J H 13731
Bradbury J T 3000 4848
Bradbury S 16956
Bradbury W C 10462
Braddock G T 50406
Braden A W 49489
Bradenburg W 55654
Bradford B Jr 47252 55362
Bradford F K 35925 50312
Bradford M L 36996
Bradford V A 1227
Bradford W B 12383
Bradford W G 4552
Bradford W Z 12383
Bradham R R 28651
Bradin F R 26381
Bradl M 46577
Bradley A 37697
Bradley A F 16843
Bradley D 35812
Bradley D E 40449 51942
Bradley E A 52624
Bradley G M 17401
Bradley J D 43255
Bradley J E 5363 5711
Bradley J E 10987
Bradley M H 46952 46953
Bradley N J 12594
Bradley P B 14010 42973
Bradley R F 17765 27249
Bradley R H 2572
Bradley R M 28243
Bradley S E 13178
Bradley S G 20754 28211 31441 50344
Bradley S M 24343
Bradley T R 52329
Bradley W H 7034 40892
Bradlow B A 6179 9785
Bradshaw A L 37623
Bradshaw H H 18120
Bradshaw J P 11678
Bradshaw P 41219
Bradshaw R L 23333
Brady D M 17732
Brady F C 36319
Brady J V 20874 32358 49451
Brady M A 10024
Brady R O 28239 28242 28243
Braekkan O R 29847
Braestrup C B 35848
Bräuer W G 35599
Bräuniger H 7968
Bräutigam W 43108
Braga A I 31853
Braga J M 44469
Braga R 32421
Bragdon J H 34 17577 37121
Brage D 21790 31805 32438
Bragina A N 39600
Braginskii Ia S 9927
Braglia C 53692
Braham J 2189
Brahen L J 43297
Brahic J 29191 38750
Brahma S K 4986
Brahmachari H D 52373
Brailbanti T 15843
Braier L 32193
Brailey A G Jr 29753
Brailovsky D 12254 21192
Brailsford J F 48166
Brainbridge M V 26121
Brain R 25972 25983 28960 41863 51336
Brain R H 20348
Braintree 4141
Braithwaite G D 29811
Brakier T 21315
Brakke B E 17820
Brakke M K 10851 10857
Braley A E 33029 55018
Bramati C 19191
Brambilla G 1978 1979 25593
Brambilla I 1906 1907
Brame R E 23339
Brameri C 8549
Bramesfeld B 25898
Bramezza M 52051
Brancaccio G 35162
Brancato P 9360
Branch C L 5511 5512
Branco F 4797
Branco F G 13605
Brand C A 22718
Brand G 34079 34459
Brand I 43354
Brand L 16891
Brand P W 40623
Brand V von 46116
Brand-Aurahan A 50049
Brandão H 44475
Branday W J 22719
Brandberg R 19930
Brandeberry K B 43328
Brandel M 32393
Brandenburg A J 29963
Brandenburg H 23158
Brandenburg J H 55137
Brandenburg P 26490
Brandenburg R O 24352
Brandes J 21586
Brandes N S 43324
Brandis H 38949
Brandly C A 13771
Brandman O 50824
Brandon A M 3096 26924 48886
Brandon M W 2240
Brandone H 39476
Brandrias M W 28327
Brandrup E 43211 52735
Brandstaetter S 39781
Brandstetter F 22889
Brandstrup E 55112
Brandstrup N 50584
Brandt A 38913
Brandt A B 47987
Brandt H 5128 39061
Brandt H J 22196
Brandt H M 6113
Brandt I K 4762
Brandt J L 16845
Brandt L 52745
Brandt M 35577
Brandt M L 655 30185
Brandt P W 27397
Brandt R M 3771

Brandt U 35316
Brandt W 27791
Brandt-Nielsen E 35269
Brandtzaeg Merton B 23720
Brandwijk A C 25151
Brannan W 55044
Brannelec A 3072
Brannen F S 20074
Brannon E W 16971
50373
Brass L M 7277
Branscome W 40682
Brant C S 20900
Brante G 22120
22121
32242
35182
Brantl V M 7523
12371
Brantschen G 44305
Branu-Falco O 3229
Brard P 3150
Brasch J K 40124
Brasch J P 32647
Brashear R G 5857
Brasic P R 40253
Brasil A 16131
16143
39982
Brass K 8947
Brass W 12878
Brasseur R 35242
Brassfield C R 35796
Brassinne A 9084
21328
Brătianu A 31134
Brătianu S 31134
Bratić-Mikeš V 33367
Bratkówska-Seniow B 30729
30743
Bratrude A P 15230
Bratt L O 54820
Brattgård S O 15690
19524
Bratu I 23171
55726
Bratus' N V 7801
Bratus' S I 10783
Brauchle H H 30604
Braude A I 36381
54737
Braudo J L 21824
Braun A 21573
Braun H 46253
Braun H A 55004
Braun H W 5042
Braun J P 18014
35420
Braun K 450 492 27779
35623 35636 36606
39784
Braun L 51635
Braun O H 34127
46270
55515
55690
Braun P 30286
52370
52894
Braun R N 19394 19411 19425
29445 51780
Braun R R 49967
Braun S 43082
Braun T 19580
28799
Braun V 42288
Braun W 3201
3204
Braun W E 28131
Braun-Falco F 3954
Braun-Falco O 6091
25292
52374
Braun-Menéndez E 13152
21048
50729
Braune J F 46272
51799
Braunitzer G 11273
27912
Braunstein A E 23631
Braunstein J R 2910
Braunsteiner H 11061 22900 23095
33828 34020 38999
41769 46043 46602
55365
Braunsteiner P 3956
6715
18920
Braunwald E 14973
38486
Braure A 18082
Braveman W S 465
581
12254
Braveny P 36618
Bravo G J 7397
1798
28649
Bravo Morate F 8958
44590
Brawn C E 51898
Bray G 14565
Bray H G 37057
Bray P F 43526
Bray R 47964
Bray R C 1666
19661
Braye M 44634
54056
Brayer F T 11549
Brayshaw H A 43371
Brayton D 54713
Braz J 8820
53933
Brazda A W 47146
Brazhnikova M G 36395
Brazis A R 1307
Brdlík J 38341
38342
Brea C M 44404
Brea M M 13913 15503 25948
27229 43887 44395
49147
Breathnach A S 17527
Breathnach C S 14160
28455
Bresalt H J 26424
Brebeniuk V I 22535
Brebner D B 8543
31615
Brebner D F 41343
Brecelj B 35059
Brecher G 11931
Brecher G A 2915
Brecher I 51275
Brechmann H 15636
Brechner V L 12973
34981
Brechot P 3050
Brecht K 28950
33934
Breck L W 16991
48771
Brecy H 10960
Bredillet M 13096
Brednow W 6716
6736
33891
Bredt H 55477
Breed J E 29774
Breen H 4634
Breen J L 12407
20075
24511
43295
Breffeilh L A 41080
Bregadze I L 33610
Brégeat P 14483
Breger L 28332
Breger M A 37200
Bregnballe G 10651
Brehant J 24265
Brehler B 16093
Brehm H 18940
Brehm H von 55628
Brehm W F 3935
12845
Brehme T 41606
Brehmer C 43009
Breidenbach H 35597
51195
Breidenbach L 864
Breig A 49640
Breijer H B 29959
Breil M A 27041
Breila I 25197
28786
Breinin G M 688
Breit A 10008
35417
Breitfellner M 45996
Breitinger H 18980
29478
Breitner C 15566
Brejcha M 14776
23055
Brejna S 30689
Breme J C 35621
Bremener S M 31204
Bremer F 260
Bremer J J 29984
Bremer J K 21836
Bremner J M 36308
Bremner R A 40627
40633
50396
Bremond 51445
Brena S 35945
Brena Zorrilla M 35536
Brenan R A 15026
Brendel R 15720
Brendel W 30490 30491 30492
30493 30576
Brendler G 46175
Brendler H 50427
Brener Z 44429
Brener Z 51013
Brengelmann J C 17733
50856
50857
Brenk H A van den 18739
Brennan C F 37718
Brennan J C 20256
Brennan J J 4510
Brennan R L 4584
Brenner A J 534
Brenner I 106
Brenner M 31550
Brenner O 14044
Brenner R 34178
Brenner S 19609
Brenning R 32847
Brent L 6202
8330
22308
47552
Brenton A 30441
Bres P 6424
Bresch C 34391
Brescia M A 5730
Bresciani F 23073
Breslau L R 40572
Breslavskii A S 53462
Breslaw L 588
36259
Breslin A 27813
Breslow L 2512
10457
38485
Bressan G C 6816
Bressani R 1262
5559
50959
50960
Bressanin S 6823
6825
19171
29592
Bressel D 27189
Bresser P H 27486
Bressler E C 36244
Bresson 47762
Bret A J 53424
Bret J 3136 15841 31898
31899 44642 44643
44644 44645 44646
44647
Bret P 41396
Bretagne J 8881
Bretán M 11182
Bretey J 13030
13031
Breton A 25443 25465 25484
26965 30464 30466
35354 51495 51496
51497 51498 51500
52014 53017
Bretón F 36840
Breton J 44628
Breton-Gorius J 21302
Bretschneider H 22997
Brett L 40032
Brette R 36853
54462
Brettell R O 36529
Breu K 22336
Breuer E 38332
Breuer H 367 27899 35115
42965 46177 46595
51280
Breuer J 12806
Breuilland J 26954
Breukers E M 15806
Breuninger H 25334
25340
27737
Breusa M 19239
Brewer C L 40711
Brewer D B 51027
51028
Brewer D W 11721
Brewer E 30128
Brewer G J 33060
Brewer H E 40770
Brewer J I 38583
Brewer L M 10428
Brewer R L 35737
Brewer W A 34970
Brewerton D A 1202
Brewster P G 28394
Brewster W R Jr 14342
Breyer B 18763
Breznak S 4572
50289
Brezina E 22870
Brezina R 46775
Brezos D H 21222
Brezowsky H 19043
42374
Bria-Berter G 8581
Brial E 20670
Briani S 42726
42744
Briantseva Z M 46321
Bricaire H 9188 9191 26212
36054 36055 43970
Bricaud H 41107
42415
Brice J 16061
Brice M C 25436
Briceño R I 8935
Brichant J 39893
Brichta G 27197
33832
Brichzy W 10015
Brick I B 1152
35672
46475
Bricker N S 17578
Brickley P M 48429
Brickner R M 28545
37820
Bricot 6407
51464
Bricot R 35052
Bricteux-Grégoire S 42969
42970
Bride J 5580
Bridenbaugh L D 16615
Bridge E V 12798
12808
Bridge H G 18350
Bridgers J D 53012
Bridges B J 7547
Bridgforth E B 12352
28169
Bridgman O 50046
Briem A 22831
Brier R L 42150
Brierley M R 47632
47633
Briess F B 34935
Briët W Jr 19418
Brigante T R 40858
Brigden W 18680
Briggs A H 54395
Briggs A R 12201
Briggs C A 17902
Briggs D 1155
Briggs D I 43618
Briggs D K 1785
49512
Briggs D L 42467
Briggs D R 1354
Briggs F N 5741
Briggs G E 40823
Briggs G M 31368
Briggs H M 54528
Briggs J D 12290
Briggs J F 17612
Briggs J H 29241
Briggs M 14291
Briggs M J 40839
Briggs N T 45839
Briggs P F 40703
Briggs T 7179
Briggs W P 12476
Brigh M 40012
48382
Brightenback G E 12728
Brightman I J 7462
20888
47528
52662
Brignoli C 6957
Brignon J J 3108
37843
43946
Brihaye J 11988 35231 35232
35245 35422 44738
Brikman L M 34693
Bril C 1712
Brill H 26288
47189
Brill L 24588
Brill N Q 47176
Brill W I 21981
Brille D 9009
32056
Brimblecombe R W 11534
Brimfield C H 50241
Brimson J A 27
5384
Brin M 17056
Brin V I 33205
Brina A 42231
Brinberg L 28510
50870
Brinberg S L 19118
36356
Brinch O 26560
Brindeau A 47326
Brindeau F 47326
Brindley C O 48549
Brine K L 13629
50382
Briner G P 19507
Bringhurst L S 49654
Bringuier R 26372
Brini A 54618
54624
Brink C J 9817

Brink R W 40707
Brinkbok G C 40465 52481
Brinkhorst A P 43068
Brinkhous K M 11925 23462
Brinkley D 51333
Brinkman G L 39932 46527
Brinkmann O 11366 25182
Brinkmann W 42247
Brinley J F 40805 50591
Brion A 38676 44761
Brion G de 47384
Brion S 53368 53400
Briquel P 21333 21758
Briscoe A M 31332
Briscoe W A 4857
Brisgand 42441
Brisgand M 47470
Briskier A 31108
Briskin B S 36415 36416 45693
Brisolin G 19270
Brisou J 47387
Brissand H E 44472
Brissaud H E 8786 26178 30437
Brisset F 49228
Brisset J M 21368
Bristol M 49771
Bristow R B 40714
Britt C I 22050 24724
Britt E M 4717 4718
Britt L P 21868
Britt R L 17911
Brittin G M 5514
Brittingham T E 31365
Britton C J 40129
Britton R C 26607 27072 47238
Brix J 13352
Brixey A M Jr 27967
Briz J S 7999
Brizard C P 30455 41142
Brizard J 27493
Briziarelli G 8635 40811
Brizio P D 42569
Brizzee K R 35080
Brizzi R 29686
Brizzi R E 29687
Brkić I 51697 51711
Brmbolić-Janković A 10906
Bro-Rasmussen F 45502
Broadbent D 19658
Broadbent J L 14117
Broadbridge A T 14145
Broadhurst A 50841
Broadhurst A 50842
Broadhurst P L 17266
Broadway P 52808 52820
Broadway R T 20687
Brobst D 16770
Brobst W A 46369
Brocard H 21378 53421 54164
Brocca F 2979
Brocchi G 20405
Broccolo E 18794
Broch O J 45426 54958
Brochier M 415 35604 35605 35608 35609 35610 53401 54464
Brochner R 5527 31581
Brochner-Mortensen K 45494
Brocić M 51695
Brock J F 9786 21818
Brock N 36824
Brock R 5550 35632
Brock R C 13304
Brock T D 4730 36348
Brockbank W 6444
Brockelt G 45847
Brocker R J 4481
Brockhaus J 10347
Brockhaus L 18957
Brockhurst R J 23427
Brocklesby D W 22295
Brockman R J 53613
Brockman S K 22060 28639
Brocq P 38675
Brod J 2743 28513 30780 31789
Broda E 32680
Brodal A 46454
Brodén B 35471
Broder H M 5727
Broders A C Jr 12286 12293 35671
Brodey M 46391
Brodey R S 4624 40412
Brodhage H 8142 32313
Brodie A F 21683
Brodie B B 1263 6754 19667 20502 52368
Brodie J L 16672
Brodine C 50704 50722
Brodkin E T 17723
Brodovali N P 55259
Brodovsky E R 28570
Brodskaia I A 22666
Brodskii A L 54568
Brodskii Iu S 22664
Brodsky A 37815
Brodsky B 50283
Brodsky I 29841
Brodsky I 32343 42999 44104
Brodsky L 19861
Brodthagen H 22417
Brody A L 5020
Brody B 4507
Brody D A 439 35615
Brody E B 4600
Brody H 16513 47103
Brody M 20493
Brody S 19586 23820 29848
Brody S L 43332
Brody T M 41277
Brøchner-Mortensen K 35218 45504
Broen W E Jr 17154
Broer Y 26804
Brofman B L 28163 28533 35638
Brogden W J 28338 40824
Brogdon B G 820 4685 10686 45558 47226 53744
Broge R W 40769
Broggi G 19249
Broggi R J 24554 34907
Brogi G 1996
Broglia F 31757
Broglia S 19248 32142
Broglio G 20963
Broicher H 15644 27196 39010
Broide L 8187
Broitman S 40571
Brokhovich A I 33224
Brokman H 20235
Brolin S E 23959 42455
Brom A G 29047 54918
Broman L 52286
Bromberg B E 24686
Bromberg P A 54406
Bromberg Y M 207 16072 17840
Bromberger-Barnea B 32354 35794 48737
Bromelow J H 29988
Bromer W W 1252 55293
Bromig G 41731
Bromley D B 40883
Bromley L L 26121
Bron B Z 8260
Bron O B 55778
Bron P 44670
Brongers E E 7337
Bronisch F W 19371 32266 42281 43114
Bronk J R 1685
Bronkhorst M 34831
Bronner A 17721 54623
Bronshtein R E 7889
Bronsky D 51673
Bronstein I P 4141 21022
Bronstein J 8675 27842
Bronstein L J 47707
Bronston G J 16747
Bronte-Stewart B 14195
Bronzini E 39661
Bronzini R 29683
Brook J 45553
Brooke E M 19339
Brooke M S 47573 52616
Brooke N H 52701
Brookhart J M 5520 12528
Brooking D G 32908
Brooks A J 22025
Brooks C M 12482 21032
Brooks D K 20462
Brooks D M 50388 50389
Brooks E A 18769
Brooks F P 5778
Brooks H E 6765
Brooks J M 6470
Brooks L H 3383
Brooks L O 28333
Brooks M S 50258
Brooks R V 36067 37693
Brooks W 12964 49494
Brooksbank B W 46593
Broom J C 17396 28984
Brophy D 5218
Brophy E M 2059 36349
Broquist H P 1258 40452 40453
Brosch E 38889
Brose E 23634
Broseghini A 23326
Broser F 55556
Broshianu G 41567
Brosin H W 12606
Brostus M 18277
Broes I D 4839
Bross W 6880 6881 12889 20426 20446 20453 20458 29050 38455
Brosset A 35272
Brossmer R 28951
Brossy J J 54505
Brosteanu E R 38291
Brothwell D R 29288
Brotmacher L 16062
Brotman H L 2616
Brouet 38780
Brouet G 35904 37932 54166
Brouillet F 987
Brouillet J 38010 48529
Broukal J 2799
Broun G O 19810
Broun G O Jr 43133 52597
Broussalian S L 2350
Broussin J 41377
Broussolle B 31925
Broussolle P 47456 47457
Broussy J 26711 26886 26947
Broustet P 41107 41129 42415
Brovina I I 10722
Brovkina T A 43405
Brovkovich V Kh 33182
Browder E J 22007
Brower T D 48393
Brown A 17875
Brown A D 37124
Brown A L 871
Brown A S 28961
Brown A V 10197
Brown A W 11080
Brown B 28259
Brown B G 3028
Brown B J 7523 12371
Brown C D 12817
Brown C E 11605 11764
Brown C H 1 1166 1167 2937 3655 41238
Brown C R 41244
Brown D 12868
Brown D B 26146
Brown D F 18461
Brown D M 40539
Brown D R 50108
Brown D W 49847
Brown E 17055 17339
Brown E A 1122 13144 21027
Brown E B 35721
Brown E B Jr 4656 5254 12556
Brown E C 40756
Brown E G 7152 13741 19641
Brown E H 14299
Brown E S 47332
Brown F 7238
Brown F A Jr 12525 53115
Brown F C 9838
Brown F G 28993
Brown F R 16521
Brown F U 12514
Brown G 17914
Brown G B 40513 40514
Brown G C 28428
Brown G L 5787 10197
Brown G M 6621
Brown G W 18386
Brown H 24994
Brown H A 28559
Brown H B 2945 28144
Brown H E Jr 4503
Brown H M 41831 48297
Brown H W 16648
Brown I W Jr 12965 18116 22011 24979
Brown J 6202 12580 15597
Brown J A 42170
Brown J A Jr 46943
Brown J A K 10508
Brown J B 28246 40802 40803 50521
Brown J E 16969
Brown J H 40598 44100 50829
Brown J L 28203 40441
Brown J O 656
Brown J R 50524
Brown J R Jr 14978
Brown J S 4945
Brown K D 54586
Brown K N 19610
Brown K T 685
Brown L 5826 41096
Brown L B 42105
Brown O W 20257
Brown P E 36297
Brown P K 29802
Brown P S 19699 29802 40793 50518
Brown P W 28578 28579
Brown R 18791
Brown R B 32716 46525
Brown R D 40809 40869
Brown R E 4121 16232
Brown R F 10441
Brown R H 38854
Brown R J 48334
Brown R L 24183 48539
Brown R R 50968
Brown S A 14606 48443
Brown S S 19670
Brown T A 2032 2033
Brown T E 31426
Brown W E 12381 32517 38568 50172
Brown W F 17399 28208
Brown W H 7537
Brown W K 48341

Brown W L 4935 4936 4937 5119 17360 23280 23340 23341 50492
Brown W M 20584
Brown W M C 14424
Brown W W 40406 40418
Brown-Grant K 44083
Browne D 53543
Browne F J 17855
Browne H A 50891
Browne J C M 3007 15968 18689
Browne K W 17853
Browne M K 48143
Brownell A S 46365
Brownell G L 16346
Brownell K A 47127
Browning C B 41226
Browning C H 17908
Browning E 48201
Browning F L 7645
Browning H C 2673 22067
Browning R H 41171 46431
Browning W H 50673
Brownlee H 47566
Broxup P 44702
Broš J 48611
Brozek J 778 7556 21687 47512 49980
Brózik H 20233
Bru A 41368
Bru M 32063
Bru P 1457
Brubach H F 4659
Brucchieri A 37520
Bruce A K 20737
Bruce H M 10056 53480
Bruce J 51120 51138 53533
Bruce L G 22327
Bruce L M 19968
Bruce M 4807
Bruce R 14271
Bruce R A 7504 22326 46861
Bruce R G 35784
Bruce W 14466
Bruce-Chwatt L J 2260
Bruce-Lockhart P 47000
Brucer M 29764
Bruch H 12648 14027
Brucher J M 259 35242
Bruchon M 50775
Bruck C G vom 24234
Brucker W 25328
Bruckner W J 46926
Brůčková M 2768 28413
Brudevold F 4402 40763 50136
Brücher H 15442
Brüchle H 19386
Brück K 25192 30503 30505 30551 30575
Brück M 25192 30503 30551
Brücke F 6565 22762 22774 22839 46633
Brücke H G von 29032
Brückel K W 3286 34188
Brückner C 45403
Brückner L 14895 30943
Brüda E K 24198
Brüdigam B 1319
Brüggemann J 52210
Brüggemann W 16101 39949
Brühl W 6657 8089
Bruel R 9660
Bruell J H 48765
Brüning E J 12063 34442
Brüning K 49090
Brüning L 42888
Brünner H 11257
Brünner S 7485
Brünner S A 7486
Bruera R 44410
Brues A M 9577
Brüschke G 11223 22953 27193
Brüster H 15410
Bruetsch W L 774 24628
Bruezière J 41470
Brug J 19664 48228
Brugnetti I 20887
Brugnolo L 23676
Brugo B 13939
Brugsch H 51790
Brugsch H' 30105 46111
Brugsch J 11210 46120
Brugsch T 42917 55476
Bruguairolle A P 10037
Bruhin H 25810 32306
Bruhn-Petersen F 41965
Bruice T C 13826
Bruijn G W 15840
Bruijn J H de 25140
Bruins C 47845
Bruins J W 43078
Brull L 21327
Brumberg E M 37146
Brumfitt W 20474 37566 51021
Brummelkamp W H 36869
Brummer P 24832 24833 35176 35190
Brumpt L 26661
Brun C 10627 11629 45507
Brun J 9228 29138 32061 43774 43779 48694 50557 54163
Brun R 15667 23096 32280 38852
Brun S A 28824
Brunaud M 32921 32949 32950 54907
Brunaud S 32949 32950
Brunck H J 24911
Brundo P 8575
Brune A (Mme) 47770
Brune G 41758
Bruneau 47746
Bruneau Y 36646
Brunel A 20667 21354
Brunel D 19351
Brunel M 21381 49735
Brunelle M F 40140
Brunelli L 6953
Brunelli M 9415
Brunelli M A 25629
Bruner E 44188
Bruner J S 793 17094
Brunet 43953
Brunet B 15179
Brunet J 51360
Brunet M 33406
Brunet d'Aubiac P 51876
Brunetti F 42754 44675 52036
Brunetti P 42601
Brunfeldt K 35113
Brungard J M 5851
Bruni A 7515
Bruni B 42798
Bruni G 49404
Bruniquel G 27715
Brunish R 1362 35136
Brunner A 6291 7077 22173 52240
Brunner D 3961 13153 16401
Brunner G D 1480 25515 25516 36701 43619
Brunner M J 50189
Brunner W 30267 39829
Brunner-Frei J 30962
Brunnschweiler H 44913
Bruno E 6832
Bruno F 35160
Bruno G 44806
Bruno V 52068 53767
Bruns B P 36392
Bruns D L 9973 54684
Bruns F 25884
Bruns F H 25891 25899 25900 25902 49920
Bruns P D 12415
Brunschwig A 38601 47239 48543 54699
Brunskill R A 44860
Brunson J G 48724
Brunst V V 24664 44076
Brunsting L A 41273 43515 50989 52141
Brunt H H Jr 51905
Bruntsch K H 19439 39534
Bruntse E 27096
Brunyate W D 21527
Brusa P 42762 52122
Brusca A 14032 35628 35635 36690 52084
Brusca A E 13953 37305
Brusca E A 13954 36711 37479
Bruscagli G 36717
Brusco C M 15522
Bruser M 20953
Brush B E 11784
Brush M G 40799
Brushlinskaia L A 21930
Brusilow S W 52998
Brusselmans P 13688 37038
Brust A A 35730
Brust M 750
Bruszt P 43450
Brutar V 14820
Brutkowski S 30907
Brutsaert P 1083
Bruun E 24305 35002
Bruwer A J 8562 10111
Brux J de 9201 13014 24133 24153 31899
Bruyet P 1466 47356 53410 53443
Bruyn H J de 55616
Bruzzi B 15784
Bruzzoni N 53332
Bryan G H 50268
Bryan R S 12700
Bryan W H 5211
Bryan W R 50888
Bryans J T 48975 48979
Bryant B J 44115
Bryant D R 20958
Bryant J C 2700 5424 5425
Bryant J C 5430
Bryant M 37066
Bryant M D Jr 35734
Bryant M F 41152
Bryant M J 28222
Bryant R E 14993
Bryant S H 50574
Bryantseva M K 55191
Bryc Z 31515
Bryce-Smith R 51106
Brychtová J 11353
Brychtová J 31796
Bryer C J Jr 16776
Bryer M S 5412
Brygoo E R 13033
Bryk V E 55313
Bryndum B 10618
Bryngelson B 5810
Bryson G 12497
Brzaković P 32614
Brzdękiewicz Z 27587 27588
Brzezicki E 30067
Brzosko W J 25445
Brzozowska I 27589
Bsteh F X 26165 41703 46001
Bsteh O 38435 45982
Bsteh P 19324
Bubani B 9371
Bubani V 24961 24962
Bubb H 45054
Bube F W 34473 55682
Bublichenko L I 46831
Bublitz C 25879
Bubulanu E 41329
Bucaille M 36659 49157
Buccarelli G 11822
Bucci E 40180
Bucci G 42793
Bucciante G 1962 1963 20963 36808 37425 37426
Bucek W 42987
Bucha G 42865 42876
Buchan D J 2593
Buchanan D 23355 26652
Buchanan D L 1390
Buchanan E U 36537
Buchanan G D 12923
Buchanan J 18394
Buchanan L M 25158
Buchanan M 29338
Buchanan M F 36531
Buchanan R E 1612
Buchanan T J 28999
Buchanan W W 18394 18459
Buchanan-Davidson D J 40903
Buchberger H 22760
Buchbinder W 46285
Buchborn E 38994
Buchel L 24748 26743
Buchenhols B 8408
Bucher A 11008
Bucher K 46179
Bucher K E 47675
Bucher O 2376 27840 34224
Bucher U 9531
Bucherer H 55608
Buchet R 41381
Buchheim A 3152
Buchheim C E 39394
Buchholz C H 17589
Buchholz W 23040 25333
Buchhorn P O 32655
Buchman M 39814
Buchmann G 43194
Buchmann H H 28928
Buchnea D 47695
Buchner H 51236
Bucht H 34410 44897 51034
Buchtala V 19375
Buchthal F 33389 33395
Buchwald A M 50549
Buchwald G 34032
Buchwald H 4394
Buchwald J 11675
Buchwald K W 48552
Buck A A 34327 55579 55580 55677
Buck N F 31243
Buck R C 702
Buck R M 21853
Buck R W 7420
Buck-Gramcko D 38439
Buck-Gramcko H 25359
Buckell M 4885
Buckingham J C 12413
Buckland C W Jr 34867
Buckle D F 28175
Buckley J J 5138 5139 10469
Buckley J P 16701
Buckley K A 17961
Buckley R 33064
Buckley W R 11558
Buckman N 50138
Buckner A J 24702
Buckner F 10090
Bučko A 22678
Buckup H 46220
Buckwalter F H 4565 13336
Buckwalter J A 28448
Buckwold A E 48490
Bucky N L 37625 48142
Bucur N 31144
Bucy P C 50220
Buda D 39672 39675 39688
Budagovskii M T 45884
Budak V Ia 55212
Budde M L 3927
Budden F H 55058

Budillon G 37370 37371 37372 37373
Budimir M 54308
Budimir Š 9961
Budimirović-Stanojevic M 39709
Budin H 37917
Budko L N 51756
Budlovský J 22678
Budtz-Olsen O E 42102
Budulici I 9461
Budzyński A Z 30897
Buebendorf D P 22911
Bücher K 55606
Bücheri E S 12071 22192 22205 22215 41759
Bücheri R 22205 41759
Büchi J 7957 30614
Buechley R 2512
Buechley R W 38485
Büchli K 11628
Büchner F 38941
Buechner H A 42070
Büchner M 49017
Büchter L 38879
Bücker H 29837
Bühler M 33935
Bühlmann A 21600 54367 54932
Büki B 42386
Buel P S 10032
Bülbring E 5774 48234
Buell A H 23495
Buell B 24649
Bülow H 23056
Bülow K 26496
Bingeler W 7086
Bünger P 6699
Buenger R E 22025
Bueno de Mesquita J 10525
Buentello E 39440
Buentello y Villa E 18853
Bünzli G H 35487
Bürgel E 30278
Bürger M 22942 39955 46067 52186
Bürgi H 39862
Bürgi S 9548
Bürgin A 30613
Bürkle de la Camp H 29066
Buermann A 50728
Büschelberger H 11115
Büsing K H 12183
Buess H 27575 27577 39025 43843
Buetti C 39825
Büttiker W 35486
Büttiker W W 35487
Büttner B 47682
Büttner I 42295
Bufalini G N 51611
Bufano M 9267
Buff H U 22178 39826
Buff I E 35644
Buffa F 3468 42602 42697
Buffat J D 27022
Buffett R F 31415 48568
Buffoni F 37420 37421
Bugár-Mészáros K 52875
Bugard P 14380 24784 32017 47351 54126
Bugarin N L 17501
Bugaro L 49576
Bugher J C 46758
Bugiardini G 25688
Bugnion M 44304 54372
Bugnon C 26695
Bugyi B 10581 14881 30950 45473 49127
Buhl K 10610
Buhn W H 47650
Buhr G 34185 46794 51837
Buhr J L 32182
Buhrke R 15299 38936 49018
Buianov P V 45883
Buice J W 38568
Buinauskas P 13319
Buis R 26930
Buisson F 31503
Buisson J F 47453
Bujard E 15667 44710
Bukeavich A P 13214
Buker W H 43332
Bukh F L 20203 52967
Bukhman A I 51174
Bukhman L A 55216
Bukin Iu V 47873
Bukorov S 21957
Bukrinskaia B Kh 9918
Bukrinskaya A G 46774
Bukur N 41654
Bulacio Núñez A W 8162
Bulang B 33914
Bulanov L P 5982
Bulaschenco H 40672
Bulatova T I 37176
Bulavintseva A I 22541
Bulavintseva V I 45199
Bulbrook R D 1402 52422
Buldakov L A 51755
Buldmann C 49287
Bulgakov P P 6005 45150
Bulgarelli n 29726
Bulgrin J G 8570
Bulikowski W 42996
Bulkina Z P 20199
Bull A B 21826
Bull G M 8920 20544 31255
Bull J 20596
Bull L B 5613
Bulla L R 7580 20051
Bullen M A 35451
Bullo E 27752
Bullock A C 4502 27517
Bullock K 41304 41305
Bullock T H 15697
Bullock W K 34974
Bulmer D 50299
Bulmer M G 24971 37720
Bulska M 43646
Bultasova H 39266
Buluk K 30905
Bumm H W 33531
Bunce P L 940
Bunch L D 17597
Bunch R L 52304
Buncke C M 11579
Bundesen W 31587
Bundt F B 43621
Buneder J 8913
Bunge H L 20008
Bunge R G 4848
Bungenberg de Jong W J 27555
Bunim J J 29279 36916 40311
Bunim L A 46998
Bunjé H W 55882
Bunker J P 46949
Bunkina L S 15767
Bunn P 10421
Bunn P A 19828 25006 25012 35911
Bunn W H Jr 7646
Buño W 23544
Bunster E 3140
Bunting R A 52467
Bunting R W 28104 40334
Bunts R C 48390
Bunyan J 19698
Buonincontro L 36231
Buonocore M G 28102
Buonomini G 1113 9341 9375 43268 54234
Bur G E 7583 31804 44596
Burack B 16819
Burack W R 2903
Buraczewski S 28840
Buraggi G 27765 31627
Buraggi G L 6798
Buratowski J 28847
Buravtseva G R 34698 34708 39324
Burbacher C R 17289
Burbank P M 20137
Burbridge C E 16244
Burbridge D H 18047
Burby G 41798
Burch G 34869 46870
Burch G E 52 1180 2884 2896 12208 15001 16348 17572 18130 23386 31318 31319 48722 50708 50709
Burch G R 12756
Burch J E 32520
Burch T A 654 46996
Burchard E M 31544 44227
Burchell H B 14971 21517 38494 38495 46433
Burchenal J H 53339
Burckard J 26881
Burckhalter J H 12468 16722
Burckhardt W 20602
Burde B I 12155
Burdea M 31134
Burdette W J 13254
Burdick H A 16502
Burdin J C 31973
Burdon K L 3466
Bureau H 18646
Bureau J 10218 22147 54839
Bureau R 15225
Bureau Y 14090 37891 37892
Burenin P I 22612
Bureš J 38180 38181 38182 52342
Bureš Z 14877 15122
Burešová O 38180 52342
Buret J P 3065 15109 26662 26670 26764 26818
Burford T 5886
Burford T H 5890
Burg E 11429 11440 11443
Burg J van der 11526
Burganov Kh Sh 45635
Burgasova V A 20270
Burgele T 41497
Burgemeister B B 12590 19792
Burgemeister G 55469
Burgen A S 48441 48470 48729
Burger A 40382
Burger A J 45788
Burger E 739 36507 42261
Burger H 3737 25210 25211 38963
Burger M 31396 42960
Burger P 26240 26277
Burger-Wagner A 45788
Burgerjon A 38662
Burgers A C 35870 46683
Burgess A R 4729
Burgess B F Jr 16866
Burgess C M 27787
Burgess F 11533
Burgess J A 48251
Burgess R C 15754
Burgess R W 14458
Burghartz N 18970
Burghele T 9477 28675 28678 35886 46762 55703
Burgher J A 48986
Burgi E 10870
Burgi E J 28662
Burglasser H 9161
Burgman A V 25743
Burgman G P 10945
Burgos M H 8991 26723
Burgos de Pablo A 44540
Burgsdorf E V 45153
Burgueño Cela A 49421
Buri J 45005
Burian F 14772 23651 29578
Burian H M 7002 11684
Burian K 22778
Buriánek J 38105
Burijan J 9951 21956 51722
Burin P 26828
Burk D 5432 5433
Burk K W 5849
Burkart F 10581 30950
Burke D C 14091 14092 19634
Burke D G 14147
Burke E C 41270
Burke F G 19872
Burke H A Jr 34882
Burke H E 10420 35909
Burke H R 17355
Burke J F 5672 22065
Burke W 19501
Burkens J C 55867 55874
Burket L W 50144
Burkett J E 20001
Burkett N 49947
Burkhanov A I 12157
Burkhardt D 33936 33937
Burkhardt E 39920
Burkhardt F 25233
Burkhardt F 25244
Burkhardt G 42395
Burkhardt H J 46160
Burkinshaw J 19933
Burkle A 11101
Burtle J S 49707 54760
Burla A 21000 31128 51640 53886
Burlachenko G A 10801 10816
Burlachenko M A 31191 54577
Burlando A 21771
Burley D 6176
Burliai G S 28807
Burlina A 36806
Burlingham D 44056
Burloux G 31052
Burman D 1410 17853
Burman M 16988
Burmeister A 34096
Burmeister H 15335 22931 33909
Burmeister W 13092 42259
Burmester B R 50884 50885
Burmistrov V M 22613
Burn H F 1180 1193
Burn J H 2036 2258 10506 41345 41821 48236 48238 48331 53546
Burnand R 44713
Burnard E D 14294 48200 48259 53541
Burnasheva S A 1727
Burne J C 5663
Burnell J M 12564
Burner M 21341 21624
Burnes A J 16502
Burnet M 7406
Burnett C H 23390
Burnett G W 16531
Burnett H S 24698
Burnett L 1155
Burnett W 6145 18059 21731
Burney L E 10477 37796 50317 53651 53665 55415
Burnham D K 11756
Burnham P J 972 4527 12775 46526 50201
Burnham R W 28590
Burniston G G 43724
Burns C 42168
Burns C L 4403
Burns D N 50991
Burns E 33082
Burns J E 26100
Burns J J 577 19667 36912

Burns L E 21410
Burns N 37986
Burns R O 22729 45917
Burns W M 31636
Burnside A F Jr 16571
Burnside R M 12445
Burnstock G 5774 5796 5797 14118
Burr H S 12940
Burr J M 50648
Burr V 13455
Burr W W Jr 35830
Burrell S B 19871
Burrell Z L Jr 51597
Burrier C N 44593
Burrill D Y 4409
Burrill L 17820
Burros H M 1276
Burroughs A D 49964
Burrows B 5892 12810
Burrows B A 29256
Burrows R B 51003
Burrows R G 8026
Burruano F 31692
Burstein C L 30159 30181
Burstein M 21271 21288 21299 31978 32198 39258 53997
Burstein R 28957
Burstin G von 28865
Burston J 37732
Burstone M S 5436 17383 40779
Bursztyn D 9693
Burt A M 42961
Burt R L 20069 35739
Burthiault R 53404
Burtniek E M 32889 36358
Burton A C 4694 29878
Burton C 3427
Burton C C 10112 22055 36318
Burton K 39221
Burton L K 42952
Burton P J 2029
Burton R F 11545
Burton R M 28239 40556
Burwell R R 28209
Busacca A 13060 14500
Busacchi V 2505
Busanny-Caspari W 55640
Busby T 7493
Buscaglia S 4501
Buscaino G A 27002 37436
Buscaino V M 15783
Buscarini L 36811 36812 36813 36814 37302
Buscemi R 1115
Busch D 197
Busch D 49919
Busch E 10618 10619
Busch H 2695 5745 26473 38078
Busch K 19331
Busch K A 10852
Busch S 37834 38761
Busch W 26492 46066
Buscher H 31564
Buschke F 31486
Buschmann G 3234
Buschor O 48965
Buse J 51147
Buser F 54349
Buser P 48859
Busetti L 3645 35006
Bush C K 51915
Bush I E 50515
Bush L G 17923
Bush O B Jr 50030
Bush R C 47331
Bushanskaia N B 3806
Bushnell N III 49970
Busila F 9074
Busila S 9063
Buskirk E R 11530 16833 23301
Buslaev M A 18885
Busnengo E 9390
Buss A H 4387 5041 40741
Busse E 55751
Busse E W 19959
Busse Grawitz P 25178
Bussemaker J B 52482
Busset R 48927
Bussey H J 25990
Bussey J L 46459
Busst L 32188
Bussmann A 29777
Busson A 1461 47747
Busson F 24119
Bussy 29145
Bustad L K 12747
Bustamante A M 8706
Bustamante F M de 44433
Bustamante J A 8918
Bustamante M E 39444
Bustamante Marcayda R A 8832
Bustelli M 24479
Bustingorry A 15508
Busu I 9245
Busuttni L 53828
Butcher H R Jr 11813 54651
Butcher W A 46967
Butenandt A 49892 49926
Butenko Z A 22695
Butin J W 50670
Butkhuzi S M 49523
Butler B 13553 49492
Butler C F 30138
Butler E A 28962
Butler E F 21853
Butler E J 37595
Butler F S 24676
Butler J 38625 52796
Butler J A 1646 13732
Butler J H 49297
Butler R A 789
Butler R N 18656
Butler R W 4793 27089
Butler T C 49472
Butler T J 8473
Butler W J 50863
Butler W M Jr 51078 51079
Butler W W III 3412
Butliashvili N S 45597
Butori P 24267
Butt A J 14163 21861
Butt E M 35650
Butt H R 49713
Butt W D 19504
Buttafuoco J 35688
Buttenberg D 10021 18927 18928
Buttenberg H 3612
Butterfield J 27246
Buttermann K 25190 25191
Butterworth J S 44787
Butterworth K R 42974
Butterworth R F 18756
Butterworth T 53063
Buttery S H 19696
Buttiaux R 36199
Buttner A 2447
Buttner W 5542 17210
Buttò M 11958 36826
Butturini U 39897 48123 48124 48125 48126 48127
Butuzov A A 45608
Butzengeigér K H 49094
Buu-Hoï N P 3058 15062 19662 21284 37847 48802
Buurman G 34574
Buvallo S A 25728
Buxton C L 2986 7620 20562 43306
Buydens R 26195
Buyer R 2408 41949
Buyssens N 23107
Buytendijk F J 52508
Buzas A 38651
Buzesco M 53245 53247
Buzina R 25722
Buznikov G A 55176
Buzzanca R 13963
Buzzi A 6599 6601 8156 8184 13005 20633 53345
Buzzi G 29608
Bychkova E N 55776
Bychowski G 4291
Byerrum R U 35 36 16920 40548
Byers C 20778
Byers S O 12515 24393 24394
Byers W H 7025 7028
Bygdeman S 46702
Bykhovskaia A N 33326
Bykov I I 18299
Bykov L T 34613
Bykov V D 13846 37173
Bynke H 23865
Bynoe M L 18460
Byrans C I Jr 47009
Byrd B F Jr 34971 47253
Byrd B R 54676
Byrd C W 19962 36328
Byrne J J 529 23477 30122 47241
Byrne R N 49654
Byrne W L 40552 40553
Byrnes V A 4530
Byron F X 36316 40289
Bystedt U 54828
Bystricky V 23146
Bystrov S S 55260
Bystrova V V 51760
Bystrzano-waka T 30311 30732
Bywaters E G 1413 8286
Bywaters E G 13296 14036
Byzov A L 47982
Bzonek J 38889
Cabana J E 22467
Cabanis H W 11171 32641
Cabanne E 53331
Cabanne F 47429 51883
Cabanne R 51439
Cabannes R 24285 24294 25462 32182 32197 53015
Cabarrou A 9725 21794 30242 44396 44402
Cabassa N 14020
Cabasso V J 24423 31294
Cabau N (Mme) 9241
Cabaud P G 511
Cabello J 21173
Cabezas J 8914
Cabiran L R 17639
Cable J V 19924
Cabré Fiol V 44519
Cabrera E 25670 25673 36837
Cabrera H 30236
Cabrera Gutierrez M 31871
Cabrini R L 8984 16976 26717
Cabut M S 8986 26719
Caccialanza P 20971
Cacciari C 25561 25562 29633 54424
Cacciari E 2967 26621
Cacciatore R 21867
Cacciola E 37355 37356 37357
Caccuri S 13469 15782 31061 44369
Caceres E 24184 46749
Caceres de Costas M 37248
Cachay Díaz H 1555
Cachera J P 14382
Cachin M 2482 31912 54471
Caciolo C 12309 17017 36302
Cacioppo F 13962 13963 13992 13993
Cacopardo A 21428 54210
Cacudi G 3856 39656
Cadario F 39506
Cadariu E 47487
Caday L B 4616
Cadigan J B Jr 46403
Cadilhac J 7757 15137
Cadili G 42594
Cadman E F 2208
Cadmus R R 40035
Cadore F de 13029
Cadwallader D E Jr 16697 16698 40364
Cady L D 10261
Caeiro A 8704
Caen J 9027 21269
Cipriotti A 25313
Caër 54027
Caesar G V 35551
Caesar R 55621
Caffaratti E 42798
Caffaratto T M 42574
Caffarello J 39103
Caffery E L 33088 34993
Caffey J 821 822
Cafruny E J 17943
Caggioli P 31651 41389
Cagianelli M A 39654
Cagianut B 24881 32293
Cagini P 20215
Cagnard J P 8237
Cagnazzo R 1934
Cagnoli N 48097 39306
Cagnoni M 1900
Cahalane S F 35652
Cahan W G 19821
Cahen J 42429
Cahill G F Jr 46955
Cahill J M 23477
Cahill T J 53051
Cahn C H 26442
Cahn J 3065 9172 15108 15109 15110 15122 26662 26670 26764 26818 32922 32923 32951 54912
Cahn L R 52841
Cahn M M 41004
Cahn R 48416
Cahoy H E 52465 52468
Cahué A 44496
Cahuzac 17662 24290
Caiafa L 18533
Caicedo Cuéllar J E 8951
Caillon R 25464
Caillouette J C 10995
Cain D F 19491
Cain H 34151 34164 34165
Cain J 48915
Cain J C 10098 30108
Cain J R 51149
Cain R B 5080
Caine T M 17738
Caíno H V 9725 21794 30242 44396 44402
Caira E G 47276
Cairella M 2981 26637
Caissel J 28672
Cajano A 54235
Cajoleas L P 47780
Caki J 30947
Calabrese A I 21773
Calabrese L 26635
Calabresi P 4476 44086
Calabrò F 25618

Calafati F 37162
Calamaj M G 42714
Calamari F 6276
10532
Calame A 18548
Calamel 2015
Calapá F 53687
Calapaj G 54264
54265
Calapso P 37152
37484
37522
Calas E 2429 2430 37859
37877 41946
Calas M E 37890
Calati A 25615
Calavita N 42543
Calberg G 11995
Calcagni V 42745
Calcagno P L 30428
Calcandi V 9485
Caldarera C M 37319
Caldarera G 36802
36803
Caldeira J A 8771
Calderazzo A 52074
Caldeyro-Barcia R 47007
Caldini P 32354
48737
Caldirola P 52103
Caldwell A L Jr 13193
39194
Caldwell A V 41240
Caldwell D M 14547
Caldwell E H 54650
Caldwell H C 16722
Caldwell M J 10341 12215 16823
16824 22226 35652
Caldwell R C 16536
Caldwell W E 40864
40866
Caldwell W F 48341
Caleel G T 50243
Calendini M 8880
Calesnick B 35701
Calfa X 53877
53878
Calhoun F P Jr 99
Calhoun H D 27330
Calhoun H H 11641
Calhoun J B 53650
Calhoun M L 12761
Calhoun N R 17877
Calí A 54235
Calí V 27462
Caliceti G 30335
Califano G 1924
36965
Caligara F 24502
Caligaris F 19267
Calió A 39663
39669
39674
Calió R 13997
Calisti G 9357 29688 29689
43271 43272 54243
Calk G L 12854
Calkins L L 23423
Call T G 40349
Callaghan J C 2645
38001
Callahan A 19272
Callahan B 16192
Callahan D H Jr 33114
Callahan J F 40042
40248
Callahan N 45093
55276
Callahan R 46952
46953
Callahan R J 23511
46986
Callaway J J 505
Callaway S 48226
Calle Yuste P 8799
Callegari G 9415
Callens C 42007
Callens J 18615
Callens M 46619
Callhan D H 5920
Callieri B 25630
Callige P 24260
24261
Callingham B A 19616
Callis L M 44586
Callomon F T 39792
Callow A D 17643
Calloway D H 48442
Calma C R 8006
Calmettes 1470
31991
Calnan C D 2161
37552
Calò A 15251
Calogeras R C 15996
Calop R 32026
Caltabiano S 39363
39654
Caluag J D 7992
Caluzzi F 6788
47290
47291
53766
Calva E 39446
48577
Calva Cuadrilla E 31866
Calvert D N 41277
Calvert J 3042 15143 15144
26703 26704
Calvert J J 28647
Calvert R J 1776
14073
Calvet J 8235
31992
44745
48870
Calvet J P 31069
44775
Calvi N 25606
Calvin A D 785
Calvin J L 30251
Calvin M 47726
Calvin M 50336
Calvin M E 12487
Calviño J M 457
5707
Calvo R 8989
26721
Calvo Celada A 22273
Calvó Fonseca R 8917
53938
Calvo Lairet A 46754
Calvo Melendro J 8803
8814
Calvy G L 7429
Calzaretto A O 8202
Calzaretto J 43888
Calzavara F 21441
Calzolari G 25690
Cama H R 16901 17825 17829
17830 19684 49296
Camacho E 39938
Camacho Gamba J 8822
8830
44601
Camain R 13011
24220
26676
53378
Camanni F 13467
35098
42546
42646
Camaño M C 950
Camarda V 2958
9389
Camardese N M 7648
Camargo B de 20244
Camargo G A 13592
Cambiaggi A 13942
25968
35776
37444
Cambier J 9209 31482 37933
44748 54882
Cambieri F 9366
52069
Cambini C 2881
Cambridge G W 8027
Camelin 5335
Camelin A 31120
47755
Camerer W 52211
Camerini F 35946
48991
Camerini G 42791
42792
Camerino B 35117
Cameron A J 26068
Cameron C 52396
Cameron C M Jr 52747
Cameron C S 46728
46750
Cameron D C 11064
51900
Cameron D E 27049
21823
Cameron D J 1174
Cameron E 44197
Cameron G D 2582
Cameron G R 5646
17904
17909
Cameron H 5305
Cameron H C 39713
Cameron H S 28224
Cameron J L 20837
Cameron J R 16537
Cameron K 18694
55518
Cameron M E 26064
Cameron R 21720
28292
Cames F O 39133
Camien M N 9555
31445
Caminha P 16132
Caminiti F 29627
Caminopetros J 6181
Cammack K A 19474
Cammack K V 12694
50866
Cammarella C 25575
Cammer L 28120
Camo 13058
Camosso M 3447
Camp E H 19957
Camp F A 46496
Camp J L III 19972
19977
Camp P D 45809
Camp W J 20499
Campagna-Pinto D F 12833
Campagnari F 13509
37493
Campagnoli G 7579
Campana A 39705
Campanacci L 3585
3882
Campanacci M 27439
Campanella F 9355
13929
39648
Campanella G 27677
Campanella J A 15518
Campanella R 29650
Campani M 43341
Campanini H 44179
Campanini T 14022
14025
Campbell A E 22327
Campbell B A 50512
Campbell D 16570
17734
Campbell D A 37603
Campbell D H 48469
50528
52325
Campbell D T 17091
17343
Campbell E 12369
Campbell E A 25017
Campbell E H 23445
Campbell E J 48300
Campbell E O 2601
Campbell E S 18110
51150
Campbell E W 55026
Campbell F W 19545
Campbell G D 52692
Campbell G S 5884
30098
44073
Campbell H 19650
Campbell H E 54282
Campbell J 12431
Campbell J A 10308
17891
51025
Campbell J D 48434
Campbell J E Jr 41448
51156
Campbell J H 32906
33092
41076
Campbell J M 5934
50538
Campbell J S 2601
10671
20260
Campbell L J 17820
Campbell L L Jr 28277
46375
Campbell M 7546 14289 14326
20726 48147
Campbell M M 17192
Campbell P N 6127
Campbell R E 40679
Campbell R J 20838
Campbell R M 37588
37589
37590
55277
Campbell S M 37960
Campbell T J 17607
Campbell W R 14714
26433
Campeano S 32199
Campeanu S 7095
Campeti F L 14963
48704
Camphyn 24125
Camphyn R 35521
Campiglio A 15750
Campinchi R 26357
Campkin V 48164
Campmajó A 23912
Campo C 30450
Campo C (Mme) 21750
25444
30459
Campo V 21231
Camponovo L E 20629
Campos A 20620
43861
53352
Campos E A 8968
Campos F 8843
Campos F de A 55563
Campos J 25659
Campos L 55000
Campos P 7980
Campos R 8909
Campos Filho C de M 53840
Campoy F 53941
Campoy Vidal F 44483
Campo 44664
Camps F 19351
44678
Campsall E W 38035
Campus G 25965
Campusano M 8225
Camurri M 44829
Camus G 9185
Camus J P 21390
44783
Camus L 27013
Cañadas Sauras E 8847
Cañadell-Carafi J 44478
44486
Canal 32931
Canal N 1947 1948 37451
37495 39239
Canale G 39622
Canali G 3721
Canallini A 21049
Canalis A 36223
36232
36233
Canary J J 4843
Canazio P 3899
9277
27630
Canby C M 34854
Cancela-Freijo J 27879
Cancella L de C 29360
Cancellieri R 39161
Cancelmo J B 20305
Cancio M 44099
Canciullo D 1855 30334 30340
30347 36273 36797
Candaele N 1623
47913
47914
Candardjis G 41931
44714
54372
Candau M G 7692
9092
Candeias J A 6728
Candela F 3899
9277
27630
Candela J L 53953
Candela V 31738
Candeli A 16012
36222
37424

Candia L 27470
Candiani G B 24953 24954
Candura F 1918 1941 1942 37443 49584
Candura M 8359 44810
Candura M D 27759
Cané P 6781
Canel E 23056
Canelas H M 36906
Canepa G 25636
Cánepa L 8683 29345
Canessa I 21180
Canessa M 21192
Canestri G 42771
Canestrini L 32125 32133
Canet J 7507 25498
Canetti G 13031 32062 46722
Canevari M 3348
Canger G 31694 44352
Canham P A 6199
Caniggia A 35195
Caniglia M 21423
Canivenc R 26673
Canivet J 45001 49076 53432
Cañiza A 8008
Čanković T 9951 21956
Canlorbe P 32389 32390 32391 32393
Cann H M 4517 5705
Cannada E 21428 54210
Cannan R K 506 5269
Cannata D 15245
Cannavò C 42755
Cannefax G R 53657
Canney P C 2922
Cannizzaro C 32156 44355
Cannon A 22477 24410
Cannon B 20392 47582 52632
Cannon D S 2261
Cannon J A 5152 30118 47577
Cannon J G 40369
Cannon P J 16382 28079
Cannon P R 24344
Cannon R L 49983
Cano D 8874
Cano Balzola M 13547
Canonne P 12987
Canosa C 21136
Canosa C A 3689
Canossi C 31626
Canova G 4025
Canova G F 42777 42789
Cantarella M 6830
Cantarow A 2677 26456 35108
Cantell K 24837
Cantelli M 32601
Cantelli T 44168
Canter A 41351
Canter H Y 17783
Cantero A 2701
Cantero-Gómez F 8861 8864
Cantey W C 5807
Cantlin M L 5724
Cantón J C 43852
Cantone A 1894 1904
Cantoni M 24378
Cantor A J 12581 24612
Cantor E B 43297
Cantor G N 46969
Cantor M O 3923
Cantore G P 32116 53818
Cantrell F P 24991
Cantrell J R 22074
Cantrell W 40944
Cantú E 8927 27526
Cantwell K L 54700
Cantwell R J 8115
Canuteson R I 50686
Cap M P 33066
Capacci A 6791
Capaldi E J 17102
Caparelli N 12099
Capdevila J M 336
Capdeville J 42006
Capeci N E 35729
Capehart J 4946
Čapek R 36569 36248
Capel L H 18406
Capell 54996
Capellá G 23908 23916 31935
Capella Valls R 31834
Capelle R 25490
Capener N 40622
Capińska K 44182
Capitolo G 51980
Caplan A 3668 10309
Caplan H 5678
Caplan S 30996
Caplier P 3710 3711
Capmale M 26851
Capobianco A 19226
Capobres D 36873
Capodacqua A 6855
Capodaglio E 1864 27467 37432 37437
Capone C 3598 27463 39351
Capone M 8361 21424
Capone Braga P 53833
Caporale G 44338 49403 53832
Caposzi L 52039
Cappa A P 24151
Cappato E 8466
Cappeller V 46966
Cappelletti G A 16023 39761 44810
Cappelli P 3864
Cappelli U 47804
Cappellini O 9348
Cappellino G 42741
Capper A 50117
Capper W M 18675 18677
Cappetti C A 6849 6851 42567
Cappon D 2595 14672
Cappuccilli P 21008
Cappus C 30445
Capra C 39305
Capra D 8060
Capra P 20403
Capraro V 1894 6934 7249 13972
Caprile J A 8712
Capriles M A 670
Capriotti A 25325 25326
Capris T A 8713 21033
Capron A 1037 36172 53027
Capron P 2488
Capuani G 6894
Caputo A 47952
Caputto R 1709 10434
Caputto R 28233
Cara M 7387 54016
Carabasi R J 12793
Caracag G 9471
Caracausi S R 39670
Caracò A 54239
Caracostas 51884
Carafa V 39511
Carafoli E 37100
Caramanian M 31113 36680 54173 54174
Caramelli Z 18826
Caramia M 6778
Carapancea M 54109
Carasso N 36511
Carasso R 31987 36659
Caratzali A 48875
Caravaca J 1696
Caravaglia C 42227
Caravaglios R 14006 14007
Caraway W T 38561
Carayon A 4820 6413 6425
Carayon-Gentil A 32941
Carbajal B 8184
Carbajal U M 3526
Carballo J 21214 32521
Carbeck R B 10692
Carberry D M 51164
Carbo R J 24552
Carbonara L 13499 13500
Carbonara P 21501 21502
Carbone A 42766
Carbone G 20999
Carboneli Vercher P 18842
Carboneli Romero F 18837 18838 18843
Carbonera P 25565
Carcassi U 31690 36972
Carcassonne M 6408 18635 18640 18647 51442 51447 51461 51466
Carcassonne Y 29207 42016 51442 51474
Carcò P 30352 36273
Card W I 51123 53530
Carda Aparici P 31860
Cardenal C 336
Cardenas Conde N 21165
Cárdenas Vásquez B 31828
Cardeza A F 3354 49173
Cardia M 226
Cardillo L R 46960
Cardinet J 25100
Cardini C E 29867
Cardis F 9118 32331
Cardona F 44374
Cardona Mateo L 46671
Cardone U 44811
Cardonnet L J 35969
Cardoso P L 24161
Cardot J 3101 15070 26685 26872 26873 26929 48881 48891
Cardozo R 18113
Careddu P 14020 27641
Carelli A 52099
Carelli E 42681 52061 52063 52064
Caren R 567
Carenza L 36964
Carenza P 11953 11971 32603 32694 33997
Caresano C 9418
Caresano G 53682 53691
Caretta G 52781
Carette J 54087
Carew L B Jr 35807
Carey B 775
Carey D 50188
Carey G C 4658 12222 26061 40137
Carey J B 29757
Carey J B Jr 17058
Carey J C 4645
Carey J M 12709 50990
Carey J W 4645
Carey W F 50598
Carhart R 5838 11738
Cariani A 1861
Caricchio C C 53846
Carillo J 5189
Carini A 54213
Cariou J 1063 26760
Carissimi M 49405 49406 49407 49408
Carithers R W 4079
Carjewschi M 19454
Carlassare M 37297
Carlberg G 35361
Carlberger G 35179
Carles J 38638 48789A
Carleton A 40699
Carleton R A 52604
Carletti B 6953 42791 42792 42803 52122
Carley E J 28642
Carlgren L E 48145
Carli C 6270 6826 6829
Carli G 42557
Carli J 13059 36158
Carlier G 31087
Carlier J 9082 9086 21315 21317 26194 26497 28354 31951 35028 36677 38769
Carlin J 2427
Carling E R 20588 31571
Carlizza L 8659
Carlon C A 187 13658
Carloni G 8620 54279
Carlostella F 9345
Carlsen E 5107
Carlsöö S 23787
Carlson A S 4998
Carlson B 23948
Carlson C C 27513
Carlson D J 4477
Carlson E 10996 54714
Carlson E A 35693
Carlson E T 24624
Carlson J C 12689 31643
Carlson L A 44898
Carlson R I 5881 51152 54656
Carlson V A 4626
Carlson V R 17077
Carlson W W 2723
Carlsson A 32678 35391 46695 46696
Carlsten A 35368 44896
Carlström N E 10070
Carlton C E Jr 35935
Carlton P L 23296 32345
Carmel P 36908
Carmeliet E 15157
Carmichael D B 642 35618
Carmichael D S 26111
Carmichael E A 52588
Carmichael E B 5356

Carmichael J A 41419
Carmichael L E 15236
Carmichael R C 40357
Carminatti H 44117
Carnahan J E 50338
Carnat G 2375
Carnazzo A J 4671
Carneiro A S C 51649
Carneiro P 13613
Carneiro R 29357
Carneiro R D 48149
Carneiro Filho L 13614
Carnes H E 13341
Carnes W H 11631
Carnevali G 20941
31659
Carnovali N 43900
Caro M R 34852
Carolei P 42669
Caroli G 1879
44824
Caroli J 31979 31983 31984 36658 43967 43974 43979 49155
Caroll S E 51563
Caron J 36689
41364
45004
Caron J P 44690
Caron M 46890
Carone F A 22722
40686
Caronia F 32094
Carothers E L 35466
Carotti A 15248
Carp A 40750
Carp C 6593
Carp E A 7280
15809
Carpender J W 50215
Carpent G 36077
Carpenter B 50509
Carpenter C M 48253
Carpenter F A 12975
Carpenter F G 12486
Carpenter F H 47720
Carpenter J A 17084
Carpenter J T 50509
Carpenter K J 2083
Carpenter M B 5514
Carpenter M P 28233
Carpenter R L 12930
Carpentier E 44686
Carpi A 46989
Carpinişan C 9467
53245
Carpitella A 8623
Carr A J 48179
Carr C D 1191
51352
Carr C J 16727
Carr C W 1389
Carr D T 12798 12808 12809 30104 47213
Carr E A Jr 17618
28023
50412
Carr F D 16172
Carr H L 8430
Carr I A 7255
19659
Carr J G 7141
25139
25150
Carr J G Jr 19300
Carr J J 41282
Carr L B 3491
39271
Carr R M 4935
4936
Carr S 15683
Carr W R 14788
Carral E 44361
Carrain G 44833
44836
54252
Carral R 1551
36841
Carrasco M 53965
Carrasco-Asemar J 443
Carrascosa J 8163
Carratino L 13513
36819
43467
Carravetta M 8591
47811
Carraz 29143
Carraz G 54911
Carraz M 3099
Carré A 13069
54028
Carré L 26300
Carrega N 36154
Carreño M P 22022
Carreño O C 25958
Carreon F 44074
Carreras A 13929
Carreras F 22271
55000
Carreras Picó J 53896
53907
53928
Carreras-Roca 15187
Carrère J 36119
Carrere L 36085
Carrescia P M 9378
Carret L 14360
Carretier L 36118
Carrie A W 50379
Carrié C 29430
Carriger B K 53666
Carrillo J 1818
37255
Carrillo N 39582
53770
53782
Carrington E R 24484
36587
Carriuolo J 7247
Carrisosa R G 38503
Carro S 35972
Carroll C J 28428
Carroll D 14347
Carroll F D 10148
55012
Carroll G J 54541
Carroll J J 26423
40258
Carroll P T 7649
39139
Carroll R T 10334
Carroll W R 40542
Carroll W W 22104
Carron 3138
Carron C 15164
Carron M 9167
Carroxzini V 2879
Carruthers C 1388
48569
Carruthers G B 10050
Carruthers N C 38008
48527
Carruthers W 30654
Carryer H M 16518
Carson H G 17713
37563
Carson J S 47594
Carson L 19094
Carson P E 1138
Carson R P 157
Carson T E 22911
Carstairs G M 2174
18386
Carstairs L S 31252
Carstens M 25182
Carstensen E 38443
Carstensen G 387
Carta G 53788
Carta Q 39525
Cartasegna F 31777
31779
Carteaud A 53425
Carteaud A J 37864
Carter A C 50434
Carter A E 37657
Carter B 12423
38564
Carter B B 3467
24510
Carter B N H 10843
Carter B S 41061
Carter C 40629
47507
Carter C H 1275
25131
29323
Carter D B 24579
Carter D V 41314
Carter E 19853
Carter E L 1219
Carter E R 26148
Carter F H 14541
Carter F H Jr 33124
Carter H A 48581
Carter H E 40482
Carter J 24476
Carter J V 12974
Carter M E 21970
Carter M K 31388
44127
Carter R 836
Carter R D 1218
Carter R E Jr 30227
43258
Carter S 30432
Carter T C 7194
Carter W E 50024
Carter W J 17215
Cartier G E 22461
33411
Cartier P 33411
36644
38723
Cartier R 3707
26251
Carton A S 17262
Cartouzou G 47756
Cartron J 50360
Cartwright A 2173
51949
Cartwright D S 17158
17178
Cartwright F F 22290
Cartwright G E 1783
31301
40538
Cartwright S F 19489
Carucci L V 36211
Carughi O 43880
Carvaillo R 47748
Carvalho A A de 35030
Carvalho A M de 12901
16144
Carvalho A P de 3701
48720
48721
Carvalho C A de 8776
Carvalho G 35957
35958
Carvalho M 16484
Carvalho M A 40304
Carvalho O 16153
40223
50075
Carvalho P 23737
Carvalho S 30877
Carver M J 1351
28551
39150
Casa G 3590
3873
8050
Casademont M 8884
Casadio S 3537
Casado Corzo J 53929
Casaer J 46768
Casal M A 8154
20647
35994
Casale M 13982
Casalonga J 23642
31068
Casals J 900
24695
Casanova P 29202
42016
Casanovas M 35535
Casares López R 47302
Casares Rendon G 3841
Casarett G W 11549
23347
Casarett L J 11593
Casas N S 32471
Casas R 8893
Casasola M 3646
Casasus P M 3891
Casati A 6274
Casati G 29646
Casberg M A 5366
10684
Casby J U 53650
Cascio G 13949
37296
43352
43470
Cascio J 52817
Cascione M 8610
Cascone A 27753
27760
27766
Cascos M A 3985
Case A C 35465
Case J T 31487
Case R W 50286
Case T C 7618
30183
43173
Casellitz F H 34331
42917
55677
Casella D 23755
Casellas A 36840
Caselli P 34017
36705
Casentini S 37497
Caserta J A 35877
Casertano F 1509 1511 1513 1514 1516 1981 1983 36729 36739 36741 36742 36743 36760
Casetta R 21456
Casey A 40756
Casey A E 10488
Casey J G 10488
Casey S P 2590
Casey T M 46450
Casey W C 33107
Casgrain G 22462
Casida L E 11940
Casiello A 2953
3336
39105
39970
Casier H 9311
Casirola G 1500 1501 32155 37153 39769 39771
Caskey J A 48518
Casolo G 8687
31758
43456
Casolo P 39671
Caspar W A 21742
Caspari R 43574
Caspe S 15034
Casper A 21715
Casper J 50064
Caspers F 35505
Caspers H 30522
30527
30540
33984
Casperson T 24142
Caspersson T 2684
Cass L J 11619
30141
Cass M H 18359
Cassady J V 33024
Cassagnou M 27720
Cassano A 54209
54212
Cassano C 29216
31680
31682
49588
Cassano N A 1860 37313 48112 49591 49597
Cassarino M 43863
Cassel C 520
Cassell W F 14717
Cassells J S 4680
Cassen B 17606
Casserd F 43133
52597
Cassetti A 52010
Cassi E 54309
Cassia B 1917
Cassiano O 1913
1914
Cassidy H G 13760
Cassidy J J 43307
Cassidy R E 26376
26382
Cassie A B 51343
Cassie G F 22029
Cassiers L 11986
46618
Cassiet A C 3685
Cassinari V 13494
Cassoli P 42589
Castagnoli B 31710
31711
31712
53829
Castaigne A 54904
Castaigne P 37933
44748
54882
Castaing 50772
Castaing J 9003

Castaldi C R 2590
Castaneda A 50546
Castañeda H 8929
Castañeda J 1816
Castañeda J de J 37263
Castañeda-Agulló M 5105
50575
Castano M 28357
Castegnaro E 3591
Castel (Mme) 29196
Castel P 54887
54888
54889
Castelain C 31064
53374
Castelain G 31064
53374
Castelain P Y 41946
Castelazo Ayala L 3837
7572
Castelfranco M 49574
Castellani A A 16916
Castellani L 29668
42613
Castellani-Bisi C 16916
Castellano L D 31000
Castellanos A 5707
21121
35430
Castellanos A Jr 457 5707 8833 8836 13550 31820
Castellanos H 12426 31034 40670 43294 43863
Castellazzo M 3727
Castelli L 31707
Castelli M 53808
Castello R A 15038
Castello R L 18831
Castells B 8693
Castells Pérez J 47833
Castelluccio R 18481
Caster W O 12207
Casteret 30440
Casteret P 30474
30481
Castermans A 22309
48929
Castermans-Elias S 36523
Castets B 3142
Castex M R 20628
53343
53351
53360
Castiau J 15155
26836
48922
48924
Castiaux P 16952
Castigliano S G 12685
Castiglione J F 15506
27217
Castiglioni A 43960
Castiglioni C A 6721
43960
Castiglioni E B 27209
Castiglioni G 2877
Castiglioni G C 32101
42641
51993
Castiglioni M C 49326
Castillo C A 4873
41035
Castillo E 8548
Castillo P A 12218
Castillo R 35978
Castillo R A 5609
Castillo S 44554
Castle J E 50338
Castle J N 29525
Castle W B 29972
Castleman B 1238
Castner C W 39154
Castoldi P 31759
Castor C W 23460
35190
Castor W C 37825
Castorina G 18492
Castorina S 44842
Castrejón O 13901
Castrén O 52707
Castringius R 28944
Castro A F 32518
Castro C M 8681
Castro F L 8758
Castro F P de 8791
Castro L F de 16127
Castro M D de 8776
Castro R M 51803
Castro Anaya E 3838
Castro Bianchino O 33015
Castro Villagrana B 2431
Castro Villagrana J 2931
Castroviejo R 47072
Castrucci D 19182
Casuccio L 13958
Catalán Pellet A 3347
Catalano D 20227
Catalano G B 9067
9079
Cataiano H 400
Cataiano V 44358
44359
Catalino G 20071
Cataliotti F 2880
51977
51981
Cîtană I 31128
Catanei A 1419
36541
Catania V C 33374
Catapano R 21776
Catarus U 8839
Catayée G 15133
15134
Catchpole B N 54653
Catcott E J 4639
Cate G ten 7357
Cate J ten 46686
Cate R S ten 49764
Cate W R Jr 54669
Catel W 18906
19412
39018
Catelli P 6916
37532
Catena E 1533
1534
1535
47829
Cater C W 1382
Cates J E 48283
Cathala H P 9006
37939
Cathala J 7509
20670
30231
53390
Cathcart R T 1248
41003
Catinat J 31107
Catinat M 31100
Catita A 40213
Catlin B W 40844
Cato J 21158
Catron D V 5548
Catros 31997
Catros A 31996
Catsch A 10023
32652
32667
Catta J 53244
Cattan R 1460 2491 18623 31985 31988 32180 36659 36662 37923 49157
Cattaneo A 42670
Cattaneo A D 17513 35004 42468 42633 50632
Cattaneo C 34061
34490
55502
Cattaneo F 1994
42691
Cattaneo G 21491
Cattaneo L 8545 9587 29658 33926 38543 42758 52110 52942
Cattaneo R 6892
36785
Cattáneo de Peralta Ramos M 44593
Cattanéo-Lacombe J 47934
Cattell R B 4899
4900
17731
24587
Cattenoz F 54050
Catterall R D 48255
Catterina A 47807
Cattin R 26976
Cattini G C 20815
Cattoni M 17198
Caturegli L 49575
Catz B 37942
Catzel P 41463
Cau G 9255
36091
36095
Caucci M 29692
40955
Cauchie C 35151
53995
Cauchoix J 9001
Cauchon R 10660
18505
Caudrelier J R 25443
Caudron J 1621
Cauer H 47687
Caughey J E 17393
30203
40634
Caughran B 45082
Cauhépé J 20667
Caujolle F 26706
38660
38710
Caulet T R 28365
32065
Caulk R M 5227
Causa A 44510
Causeret J 48820
48837
Causey G 15690
20712
Causi N 13959 13960 13961 37387 37388
Causse J 47470
Causse R 31041
43980
Cautenet B 48882
48896
48897
Cauthen G E 12730
Cauwet R W 16580
Cavalca L 25633
Cavaliere R 42472
Cavalieri U 6905
16034
27622
42586
Cavallero C 16032
35117
Cavallero G 7747
7748
7753
Cavalli G 25561
27363
47798
54424
Cavalli P 6860
29623
Cavallini A 25697
25701
25715
25718
Cavallini D 53813
Cavallini L 39654
Cavallo A 31752
Cavallo G 9935
Cavanagh D 632 633 903 7635 12388 35749
Cavanagh J B 16055
16060
25980
39720
Cavanagh J R 2333
Cavaroc M 21300
Cavassini G B 25632
47820
Cavatorta L 51085
Cavazzini M 1895
1896
Cavazzini P 3872
Cavazzuti G B 26622
42634
Cave E F 29274
Cave P 2135
Cavelliat L 26233
Caveny E L 12778
Cavicchi E 36968
Cavier R 8309
9088
32928
Caviezel R 30606
30609
Caviglia E 1501 1515 36730 36747 36750 36751 36759 53838
Caviglia Staricco E 37931
Cavigneaux A 32406
47758
Caviles A P 23509
Cavilles A P 23508
Cavina C 24965
Čavka V 51675
51677
51696
Cavro E 12991
Cawkwell J M 13730
Cawley A J 48985
Cawley L P 5241
Cawte J E 42105
51524
Cawthorne T 6230
6234
22278
53553
Cayet R 13480
Cayla J 54182
Cayler G G 30410
Caylor H D 12704
Cayol R 25469
Cayotte J L 54051
Caypinar E Y 40305
Cayré R M 3100 26690 26865 26874 26921 48879 48889
Cayuela M L 8915
Cazaban R 44665
Cazac G 38806
48952
Cazal P 31902
Cazal P 54002
Cazalis C 4821
Cazard P 48859
Cazemier 29995
29996
Cazort A G 40278
Cazzalino J D 16145
Cazzani E 52931
Cazzaniga G 3915 20180 39526 42668 42684
Cazzaroli L 8364
Cazzato G 32134
Cazzola D 9413 21488 21489 21498 44840 54262
Cazzola G 8622
Cazzullo C L 32141
32150
39692
54480
Cease E A 47184
Ceausi G 9465
Ceballos R L 21208
Ceballos Uriarte A M 21218
Ceccaldi J 13034
13035
Ceccaldi P F 7755
Ceccarelli A 2971
Cecchi E 11295 21406 31735 31744 53812
Cecconi F 25541 25545 25551 47805 47810
Cecere C 8576
Čech M 51941
Cechowicz W 31516
Cecil H C 4675
27573
Cecil J T 18060
Cedaha J 41383
Cédard L 15094
Cedercreutz C 43218
43223
Cedrangolo F 15639
Cefali F 45395
Cegielska A 41503
Cegielski M 30694
Ceha M M 29984
49611
Ceia M 1571
Cejas S 8688
Cekon F 22761
Celander O 23542
Celano M 55349
Čeledová V 28420
Celers J 15244
Célice J 32916
32935
32942
54893
Celis M J 18852
Cellerino A 19179
Cello R M 48983
Celma Delgado R 2949
Celotti A 3627
Cembala D 6872

Cember H 34865
Cembrano C P 8015
Cenacchi G 42610
Cenacchi G C 1861
35001
47817
Cenciotti L 2497
2498
2503
14521
Cendron H 27567
Cendron J 32391
Cendrowski W 30769
30909
43681
Cenek R 38134
Centaro A 9399
44829
Center S 5890
Centonze M 53604
Ceoara B 44618
Čepelák J 16362
34684
Čepelák V 46289
Čepelová L 30252
Cerbonnet G 9140
Cerchiai E 6277
42690
Cerchiai E G 43342
Cerçi I 39912
Cerciello C 9332
Ceresa F 1893
31774
35093
Cereseto P L 3327 8203 15470 15514 49164
Cerf F 32056
Cerf J A 28305
Cerf M 1460
32180
Cerha H T 26378
Cerhová M 38223
Ceriani B P 948
Cericola G 6802
21466
Cerisola J A 20630
31010
31020
Čerkes L 28408
Cerletti A 27854 38549 39238 39861 54332
Cerletti P 49323
Čermák L 9492
9493
24767
Cernea P 36145
Černoch M 37141
47067
Černohorský J 31792
Cernuschi E 38548
Černý J 9435
33979
Černý M 31167
Černý V 26570
Cerone D M 20071
Ceroni T 30343
Cerra R 8603
Cerrato B 26613
Cerrato G 19234
Cerretelli P 1906
1907
Cerri A 25968
52941
Cerri B 36753
Cerrini L 20178
Cerrito B 35160
Cerruti G B 42528
Certhoux A 27347
Certonciny A 50355
54456
Ceruso D 29698
Ceruti G 6910
Červa L 26569
Cervantes L 4498
Cervantes L F 44557
Cervellera G 13502
25961
Červeňansky J 30029
Červený O 26549
38104
38124
38133
Cervià T 8798
53908
Cervià T Jr 8798
Cervini C 31734
42693
Červinka F 48582
48607
Cerviño J C 37776
Cervino J M 6721 8689 8700 37931 44389
Cervone L 31729
Cervoni P 31339
Cerwonka R H 5609
Césaire O G 37829
37830
Cesari M 19260
Cesáro A N 27764
Cesio F R 44585
Cesnik H 45962
Cestnik I 33365
Çetin E T 45433
45443
Çetingil A I 2075
22369
Cetnarowicz H 30718
Cetrangolo A 42185
Cetrángolo C A 43924
Ceulemans G 40964
Ceypek T 30308
30319
Chabard A G 1039
Chabaud A G 14449
26815
36173
Chabaud M A 14457
Chabbert Y 52015
Chabbier P 3057
Chabert F 47445
Chabot J 37937
Chabrier P 3053 15068 26791 32941 46831
Chace J F 44
49181
Chachia K N 10793
Chachiashvilli L G 20304
Chacko L W 28305
Chacko S 50983
Chacón C 2949
Chacón E 51621
Chacornac R 6294
Chadli A 33382
Chadwick C S 5685
40064
Chaffee J S 36327
Chagas W A 40677
Chagovets R V 32540
Chahuneau J 32055
Chaiban R 18153
Chaigneau H 36126
Chaikin N W 12297
Chaikoff I L 16903
47694
Chaikovskaia E V 33183
Chaikovskaia S M 36374
Chain E B 1255
52411
Chain F 20672
Chaio J 21232
Chait A 5918
9699
Chait L O 1550
Chajęcka-Paszkiewicz M 30401
Chakar A C 34249
Chakhava O V 34656
Chaklin V D 18206
43372
Chakravarti A 5161
Chakravarty P K 28414
Chakravorti B P 40104
Chalazonitis N 25518
38664
38678
Chalegre J A 53890
Chalfin D 44140
Challier A 27730
Chalke H D 8432
21531
Challen P J 26054
26060
Challice C E 3513
Chalmers J 50407
Chalmers J N 52400
Chalmers J N M 41851
Chalmers T C 25015
Chalnot P 9096 54459
Chaloupka J 19118
Chaloupka M 17820
Chaloupka M M 50967
Chaloupka Z 38232
Chalupa B 30951
Chalut 26211
Chalvet O 26453
Chalvignac M A 13054
Chalyx M A 54577
Chambaite C 9251
Chamberlain C 1276
Chamberlain D 14272
Chamberlain P H 43501
Chamberlin G W 46402
Chamberlin J A 35928
Chamberlin R I 46421
Chambers A C 24373
Chambers C B 10995
Chambers F W 53727
53739
Chambers K 48564
Chambers P L 20617
Chambers W N 16641
Chambers W W 28307
Chambler K 41853
Chambon L 47400
Chambon M 37777
Chambon P 26944
31041
Chambry L 36792
Chaminade P 54183
Chamlin M 34908
Chammas F 8731
Chamouard J L 28357
Champeau M 36668
Champeix J 13475
47757
Champeymaud F 21390
Champigny O 38682
Champion J 7071
Champion R 20382
Champion Y 47446
Champion-Basset J 47446
Champlin G A 42463
Champod Y 27695
Champy C 38724
Champy M 27023
32002
Chams G 11948
11949
11950
Chan Jon Chu J R 43069
Chanal R 36633
Charnarin I 20709
26035
Chance B 1367
4778
19683
28274
Chance E K 37123
Chance J E 17140
Chance O 4318
Chancel-Gandonniere J 26775
Chancel-Gandonnière J 37838
38749
Chancogne M 37847
Chandler A H 46063
Chandler B V 19576
Chandler C S 46985
Chandler E M 14730
14734
Chandler E T 19958
Chandler G N 18371
18372
Chandler P A 11699
47075
Chandra S 27990
40914
Chandrasekhar S 16288
Chandrasekhara M R 4215
Chanel J 13460
26682
26925
Chanes R 20621
51618
Chaney A L 351
Chaney E 40020
Chanes-Bel C 8878
Chang C A 37958
Chang C C 2862
Chang C H 813
27050
Chang F C 38398
Chang H 38398
Chang H L 2846
24212
Chang H T 2857
14942
Chang H Y 51284
Chang J J 21721
Chang K J 38381
Chang K S 38380
Chang M C 15614
49487
49511
Chang N C 14942
Chang R G 49048
Chang R S 31312
50535
Chang S H 38381
Chang S L 10852
55134
Chang T L 38400
Ch'ang T S 19677
Chang Y C 2858
Chang Y H 38399
Chang Y L 38372
Chang Vergas A 31909
Changus G W 37553
Chanley J D 37479
Channick B J 35756
49481
49490
Chanock R M 21668
25109
38609
50186
Chanoit P 36127
44200
Chantegreil B 17654
Chantraine R 36523
36525
Chantresne H 1251
40903
Chanutin A 52757
Chany C 31077
47386
Chany E 26747
Chao H 2863
Chao J H 46544
Chao M L 38411
Chao S K 38380
Chao T T 38400
Chao Y C 38397
Chaouat Y 21382
44784
50353
Chapa J S 46524
Chapadeiro E 47794
Chapanis A 28331
Chapchal G 21593
29960
Chapelle E H la 25687
Chapin E W 36600
Chapin M A 50705
Chaplen P 1640
Chaplin H Jr 17695
37223
Chaplin R A 14569
Chaplinskii V V 9868
Chapman A B Jr 22577
Chapman A L 3663 3783 4314 7943 44267 53676
Chapman C B 38487
40685
Chapman D 52364
Chapman D J 51563
Chapman G B 16951
Chapman H 890
Chapman J F 17469
24708
Chapman J P 53643
Chapman J S 51674
Chapman K M 11551
Chapman L F 21720
33062
34880
Chapman L J 20862
Chapman P T 41453
Chapman R G 16846
Chapman S B 21840
Chapman T H 3919
Chapman T S 27803
Chapman W M 47202
Chapp J D 13309
Chappaz G 3706
Chappel C I 40444
Chappell J B 19530
Chappell J R 5075
Chappellart P 36665
Chapple C C 4435
Chappon C 54893
Chaptal J 16372 21750 25444 30450 30459

Chapuis H 43819
Chaput A 37893
Chaput M 34839
Char F 34988
Charamis J 36140
Charatan F B 24621
Charbeneau G T 40236
Charbonnel A 44721
Charbonnier A 49155
Charconnet-Harding F 38639
Charcosset 28369
Chardon G 26855
38690
Chardon H 46561
Chardonnet Y 21312
21313
Chardot C 2324
13068
Charest G 22460
Chareton J 3104
Chargaff E 13758
37115
40484
40515
Charié-Marsaines C 47392
47416
Charipper H A 18067
Charkes N D 11621
Charlas R 42004
42005
42006
42008
Charles J L 13337
Charles P 26776
Charles Adele, Sister 16223
Charles-Vallin (Mme) 46746
Charleux J 26364
Charlex B 51384
Charlier R 36615
Charlo Dupont T 29365
Charlton P T 41314
Charlwood P A 1657
25869
Charmion 2403
41941
Charmot G 14444
14454
Charnley J 40624
Charnock J S 19672
Charny I W 51890
Charnyi A M 33617
Charonnat R 1055
Charoy Y 6364
Charpin J 9627 18007 24300 28359 31062 44772
Charpy J 37859
Charrat A 6312 30443 30453 30461 53032
Charret 43803
Charrier C 50559
Charron K C 2583
Charry R 40998
Charsha R C 474
Charsha R C 11804
Charters A D 49212
Chartrain E 1463
12051
Charvát A 9436
21551
Charvát J 26540
38117
38118
38119
Chary R 15116
Chase H F 47594
Chase J 2899
Chase M 40858
Chase R A 18092
Chasin W D 37908
Chassagne D 17998
41384
Chassagne P 21306
32915
54006
54152
Chassagnon C 28488
Chassard A 2389 2395 2396 2411 2412 2413 6320 51388 51390 51391 51394
Chassard J L 41396
Chassignol S 47392
Chastang S 38666
39289
Chastant H P 5298
Chastrusse L 26226
Chatagner F 37106
Chatagnon C 47419
54465
Chatagnon P 54465
Chateau M 21355
Chatelin C L 53429
Chatignoux G 43966
Chatigny M A 50341
Chatillon J Y 21289
Chatin 36651
Chaton J 9660
17659
Chatonnet J 36575
Chattás A 53882
Chatterjea J B 5167
Chatterjee B M 675
Chatterjee H N 28414
Chatterjee I B 25870
Chatterjee P K 17437
Chatterjee R N 23795
Chatterjee S 48214
Chatterjee S C 17437
Chatterjee S N 50031
Chatterjee S S 10536
Chatterji A 5168
Chatterji N N 50607
Chatterji P N 5608
Chatterton C C 12700
Chatton P 31119
Chattopadhyay H 40076
Chatwin B 20375
Chatys-Skirzyńska H 27603
Chatzinoff A 24562
Chaubin F 42505
Chaucer N G 38827
Chauchard P 38659
38731
Chaudhry A P 14741
17869
Chaudhuri A 4214
50005
Chaudhuri J N 4214
4217
16318
50005
Chaudhuri K C 4214 4224 4229 4231 50005
Chaudhuri R N 24707
Chaudhuri S 51348
Chaudiron 36665
Chaumerliac H (Mme) 36632
Chaumont A J 27139
36096
Chaumont P 41388
Chauncey H H 17216
Chausovskii S S 45899
Chauveau J 2477
9031
Chauvenet A 36641
Chauvergne J 50766
Chauvet J 13762
Chauvet M 32318
Chauvin E 42533
Chauvin H F 18638
20684
41480
41482
Chauvin R 38716
Chavan S B 26281
37810
Chavanne H 26362
Chavanne J 35614
Chavany J A 8231 9157 31112 32379 44163 44730
Chavarria A P 22176
Chaves A D 12806
Chavez M 11650
Chávez Rivera I 25671
Chavy A 39487
Chavykina-Krygina T B 7928
Chayen M S 27773
Chaytor R G 2194
Chazan A A 26112
Chazerain M J 36179
Cheatham W J 44090
Cheboksarova E P 11477
Checa Sagra M 23921
Checcacci L 42652
Chechan C 26856
Chechel'nitskaia S E 34671
Chechulin Iu S 52976
Checkerdemian M 8690
8699
Chedid E 53880
Chedid L 48834
Cheema L S 4167
Cheesman D F 53489
Cheever A 11571
Cheever A W 24428
Cheka J S 23337
27793
Chekatilo G A 55833
Chekharina E A 41580
55341
Chekherdemian M 50437
Cheldelin V H 4721
37979
40478
40479
Cheli E 42634
Cheli R 1450
25569
Chella S 6784
6785
29559
Chelminowa W 30750
Chelnokova A A 18232
51223
Chemin 9056
Chemin J 14365
Chemin-Roche T 21401
Chemishanski G 32815
Chemnitius K H 23589
33983
36585
Chen C H 21725
38376
Ch'en C J 2855
Ch'en C K 2847
Ch'en C S 38414
Chen G 5746
Chen H P 17797
32867
35665
Chen J T 47221
Ch'en K H 38390
Chen K K 51077
Ch'en L Y 2863
Ch'en P C 14940
Chen P S 39234
Chen S D 28568
Ch'en S J 38376
Ch'en W H 14937
Chen W T 51479
Ch'en Y H 2858
Chen-Yao C 43593
Chêne P 39487
Chenebaut J 6350
Cheng C C 11522
Cheng C L 38392
38406
38413
Cheng D W 49267
Ch'eng F K 2844
Cheng H T 55768
Cheng K K 5679
5696
Cheng P Y 10858
Cheng T S 39369
Cheng W F 2852
Cheng Y F 38410
Chenon M 48789
Chenou C 26920
Chenoweth M B 31341
Chentsova O B 45712
Cheptea A 34501
Cheraskin E 4412
40238
Cherbova N A 10233
Cherches E 9479
Cherchi A 6912
Cherednik A M 10783
Cherednik E A 22628
Cheremnykh L N 12161
Cherian A G 46684
Cherigié E 1021
32384
Cherkas G P 11483
Cherkas M S 41278
Cherkasky M 20896
Cherkasskii L A 33266
33578
Cherkasskii L P 20202
Cherkedemian M 31025
Cherkezova E 28756
Cherkinskii S N 39582
Cherney L S 36329
Cherniak M M 43495
Cherniavskii G A 34698
Chernick S S 20767
47121
Chernick W 30430
Chernoff A I 504
54399
Chernoff B 50429
Chernogorskii G 18288
Chernokhvostova E V 11475
Chernomordik A B 11472
36412
Chernov B E 28642
Chernov G A 52959
Chernov V A 6033
8261
Chernova A M 53454
Chernukh A M 37200
Cherny W B 12423
38564
Chernysheva E V 10231
25743
Chernysheva M I 55790
Cherpillod C 53316
Cherrier F 54057
Chertkov I L 44014
Chertkova F A 55811
Chervenakov A 28719
Chervenivanov G 28741
Cherviakov I V 22533
Cherviakov I V 33218
Chervinskii A A 10251
Chervonskii V I 34677
Chesbro W R 19669
Chesky V E 17512
Chesney L C 626 1142 3004 4868 6743 51569
Chesney A M 33040
Chesney W M 20554
Chesnie J J 2619
Chesnokova G D 18186
Chesrow E 46954
Chester M A 16680
Chesterman J T 29001
Chestnut H W 14650
Chetta N J 35230
Chetverikov G N 13844
Chetverikova G A 48007
Chetvertak D S 15764
Chevais 50772
Chevalier H 31100
31107
43949
Chevalier V 25490
54621
Chevallier F 7760
Chevallier J 3624 9236 9239 9240 35904
Chevallier P 54124
Chevance L G 35304 36163 44667 47477 47478
Chevassu D 48694
Chevassus J 42010
Chevat H 14364
14382
Chévez A 1549
25668
36836
Chevillard L 26667
26739
26755
48862
Chevreau J 41335
Chevrel M L 13013
Chevreul P 31048
Chèvremont M 48791
54033
Chèvremont-Comhaire S 48791
Chevrier 6384
Chevrier J L 16996
36670
Chevrier J M 10656
Chevrot L 24256
Chey W Y 13159
Cheymol J 3053 3057 7756 32941 44633 54897 54899
Ch'i C W 37143
Chi C Y 21726
Chi H H 12443
47019
Chi L 38609
Ch'i W L 2867

Chiamori N 38514
Chianca L 29671
Chiandussi L 37325 37326
Chianelli H O 21034 21035
Chiang C 13783
Chiang C H 7451
Chiang P J 14936
Chiang S C 14939 38374 38378 55773
Chiantese S 30666
Ch'iao H P 49550
Chiappa S 16027 31648
Chiappelli U 21461
Chiaramonti E 32135 32144 32153 32154
Chiari H 45951
Chiari H H 23795 37753 46002
Chiari K 45983
Chiarini P 3548
Chiariotti F 53712
Chiario B 1848 1980 15748 52007
Chiasserini A Jr 23806 42721 42722
Chiat H 20951
Chiaudano C 52038
Chiaudano G 29630
Chiaudano M 42522 42523
Chiaverini P 29669
Chiba M 4337
Chibrikova E V 55766
Chicha P 17992
Chiche P 9009 31113
Chichester C O 52421
Chichizola R 15063
Chichorro V 4359 28088
Chichua Iu V 44018
Chick E W 13339
Chicou M 6394
Chidsey C A III 47115
Chieco-Bianchi L 1878 37483
Chieffi G 19502
Ch'ien H C 48679
Chien S 47134 47135
Ch'ien T S 38382
Chieppa S 25540 47502
Chierici F 3846 3868 25634 25635 27613 27614 39647
Chierici L 36954
Chiesa F 1526 36807
Chiesura P 6938 27464
Chifflet A 35965
Chighizola R 3104 9648 48884
Chigier E 291
Chikamune T 49238
Chikiameo P S 7995
Chikisheva G V 5993
Chikov V V 45612
Chikovani K P 55306
Child C G III 44084
Child R M 2228
Childs B 7868 48389
Childs D S Jr 17031 20812
Childs M T 17820
Childs T F 1484
Childs W A 49280
Childs-Quay L 17340
Chiles W D 5044
Chill D 16252
Chilman W 20240
Chilov K 16403 16406 16423
Chilton N W 52851
Chimènes H 9649 36059
Chimenz B 31695
Chimion D 5516
Chin E F 14273 54924
Chin H C 9912 45878
Chin H P 20765 24384
Chin L 40367
Ch'in S Y 25911
Chin T D 808 28445
Chinaglia V 36214 36219
Chinard F P 16842
Chini G 18155
Chini V 52093
Chinn A B 8118
Chinn R M 43126 50939
Chiodi H 44595
Chiofalo N 19780 19781
Chiolero J 22179
Chionetti I J 8989 26721
Chiong A T 8009
Chiorino R 19783
Chiotan N 31904
Chippaux C 12981 24747 26973 26979 38774 38781 38786 38791 38803 38811 47322
Chirco M 7728
Chirescu M 31122
Chirescu N 1048 36156
Chireshkin D G 43561
Chirico M 30299
Chiricuta I 11858
Chirillo R 3720
Chirijí P 43996
Chirol C 21308
Chiron A E 12978
Chirtoc G 6582
Chirvan-Nia P 3064 26807
Chisholm A W 14982
Chislovskii K I 12119
Chistiakov I A 49544
Chistiakova A M 31201
Chiti W 3548 3549 49412
Chittaro Míspero J C 44414 49148
Chittenden R A 11532
Ch'iu C L 38379
Ch'iu F H 38385
Ch'iu M S 38398
Chiurco G A 8902 40973
Chivers C P 48204
Chizhkov M S 31235
Chizhov A I 10235
Chizzolini M 44835
Chkhaidze L V 25912
Chlabus H 8075
Chlídek M 43614
Chlídek V 14768 14842
Chlap Z 7780 20190 30390
Chlenov L G 34812 46327
Chochia K N 51763
Chloupková K 2756
Chlouveraktis C 6181
Chmiel J 27589
Chmielowa M 20234
Chobanian A V 13186
Chobanova D 16409 16427 32811
Chochia K N 10833
Chochieva Z R 18876
Chocholle R 3075
Chocholová L 38191
Chocjanov L K 30940
Chock R Y 14342
Chodack M 26575
Chodera A 43668 46193
Chodera L 30794 30807
Chodkowska S 16046
Chodkowski A 34086
Chodorova J L 46566
Chodos D D 44150
Chodos J 14494
Chodos R B 13401
Choffel C 53421 54164
Chogoshvili N E 10837
Chogovadze A V 7924
Choi C S 11683
Choinacki M 37128
Chojna J W 30705
Chojnacka L 31528
Chokanov K 16414 28738 28764
Chokshi H R 49291
Cholak J 12223 46417
Cholden L S 18028
Cholewa L 30862
Chollat L 41396
Cholmeley J A 44044
Chomé 13081 36152
Chomé J 41469 44618
Chomet B 35889
Chomiczewski J 29512
Choné B 19399
Chopin J 37845 38712
Choquette G 33412
Chorazak T 49010
Chorąży M 7180 53206
Choremis C 17910
Choremis K B 25275
Chorlton S H 42957
Chorobski J 44725
Chossegros H 41145
Chosson J 9032 9037 30472 36056
Choteau P 51140
Chou K J 2859
Chou P A 14943 14944
Chouard P 44764
Choubey P N 35403
Choubrac P 9250 28358 49733
Choucroun N 15080
Choudhry A S 53071
Choudhury J D 24988
Choudhury P K L 10471
Chouhy Aguirre S 30996
Choukroun 24298
Choukroun J 44641
Chouroulinkov I 2318
Chouteau J 26932
Chovin P 3055
Chow B F 35738 39572
Chow C T 9605 16930
Chow K L 21670 40732
Chow T L 40406 40418
Chowaniec W 33710 33751
Chrást B 35416
Chrétien J 32066 49642
Christ A 33451
Christ P 39012
Christahl K H 42353
Christe P 44940
Christensen E 2250 45490
Christensen G M 49275
Christensen H N 40507 40508 44152 53070
Christensen J F 22450 48981
Christensen K 10619 23809
Christensen L 46470
Christensen L K 32218 32226 35192
Christensen M D 1302 1303
Christensen M K 23297 34863
Christensen P J 32219 44890
Christensen R E 37051
Christensen R O 7679
Christenson W N 8424
Christensson B 46693
Christian C D 19868 35102
Christian C L 10420 20763 47895
Christian D 772
Christian E 10860
Christian J E 4556 16696
Christian J J 15603 31410
Christian J R 9840 21838 27960 43514 46544
Christian R T 12421
Christian S H 18753
Christiana, Sister 49945
Christiani S 22939
Christiansen B 11889
Christiansen E 35317
Christiansen J A 11908
Christiansen J V 10610
Christiansen K H 16002
Christiansson G 43184 45356
Christie A 1163
Christie B G 51325
Christie J H 16347
Christie M 20671
Christie R 17698
Christie R W 19817
Christin P 39882
Christina, Sister 16157
Christl G 34587
Christl H 34306 34315
Christmann F E 15493 49162
Christoffel P 18958 23134
Christofferson P V 28179
Christofinis G J 5690
Christoforidis A 8565
Christoforidis A J 46431
Christol D 36665 37936
Christophe J 4673 13437 13438 15617
Christopher W I 49953
Christopherson E H 4099 43529
Christy N P 31457 50439
Chryssanthou C P 14687
Chrzanowski J 20466
Chrzová V 31795
Ch'u C 2855
Chu C H 5220
Chu C M 28397
Chu C S 2851
Chu E H 17781
Chu E M 2863
Chu F I 16283
Chu H H 38379
Chu H T 2848
Chu H Y 23658
Chu K C 38399
Chu S H 14941
Chu S P 49424
Chuchelov N I 55150
Chuchkalov V P 45179
Chucker G N 20954
Chudáček Z 2747 14878
Chudnovskii P D 18197 18274 41510
Chudnovskii V S 46298

Chudomel V 48583
Chudziak M 53170
Chue Y C 9605
Chueva L F 20269
Chukova-Bozhinova T 45312
Chumakova M Ia 33659
Chunderlik V 46819
Chung H L 38385
Chung J 38576
Ch'ung-Sung F 18878
Chungcharoen D 35795
Chunn C F 32733
Church B 50332
Church B D 52404
Church R M 4940
Churchill E D 5888
7434
Churchill J A 39926
Churchill-Davidson H C 8200
Churg J 40601
47081
Churý Z 43083
55651
Chute H L 21976
Chute R 29266
55028
Chvapil M 25183
Chvalla R 41719
Chwiajkowska C 30715
Chytil F 38202
38257
38258
48447
Chytil M 33446
Chytilová M 11843
Ciaccio G 36071
Ciak J 47620
Ciambellotti E 53711
53756
Cianpa F 12582
Ciampalini L 31677
Ciba T 30727
Cianciarulo R 44471
Ciarpaglini L 39380
Ciaudo D 53436
Cibelli S 8621
8628
Cibert J 28679
Ciblé P 36636
Cicardo V H 9671
32465
Ciccarelli T Y 15491
15519
Cicchella G 19475
37389
39357
40806
Cicchini T 20400
Ciceri L 3644
Cicero Amigó H 13531
Ciciani M 19192
19193
39696
39702
Cicin-Sain S 41929
Ciccira E 29671
Cid J M 9743
Cid Guevara A 39618
Cieciura S J 28329
Cier 21257
Cier A 3051 3092 48828 48883 48888
Cier J F 3102 21273 36688 38692 48883 48887 48888
Cieślak H 30396
Cieutat V J 5051
Ciferri R 7117
7119
Cifonelli J A 4740
49463
Cigada G 21493
Ciganek L 54094
54095
54096
Ciges Juan M 23922
Ciglar M 51689
Cignoli F 9673
9718
Cignolini P 13123
Cigorraga J R 12995
Čihák R 34251
Cihelka Z 14886
Čihula J 38313
Čík J 9457
Ciliberti B J 30159
30181
Cima V 13944
Cimino A 13072
37309
Cimino R 1928
9364
Cimino S 36802
36803
Cimmino C V 20952
Cimpoeşu M J 55554
Cinelli J A 113
Cingolani E 53832
Cintra A B 50435
Cintra A U 53847
Cintrón-Rivera A A 1793
Cioară N 31137
Ciobanu M 9070
Ciocatto E 47290
47291
Ciocchi A 1114
Ciocci A 8669
Ciocco A 20310
Ciocia D 3871
21427
Cioffi L A 14005
Cioglia L 43261
Ciomfrini I 8688
Cioni A 19182
Cioni L 29701
Cioranescu-Dinu M 20671
Ciordia H 12729
Ciotti M M 40556
Cipilijauskas L J 40529
Cipolla L 53714
Cipriani G 1953
Cirio Malbrán J D 9679
Cirla A 8548
Cirla E 31771
31772
31780
Ciropol J 9485
Cirsten M 5768
Cisek T 20435
Cismărescu I 31124
Cismigiu F 18619
Cisneros F 30409
35625
Cisneros R 37278
37280
Cisternino A 37521
Ciswicka M 6865
Citri N 47976
Citrinovitz J 39127
Citro A 51971
Citron K M 10318
Citroni G A 8545
Cittadini A 36705
Cittadini E 13955
13956
37439
Citterio C 23065
Ciuca M 34501
Ciulla U 13105
13112
Ciurea L (Mme) 31047
Ciusa W 3544
Cival O 6781
Civatte J 2377 2379 32034 37854 37855 37869 37871
Civeira F 53954
Civeira Otermín F 2952
Civelli V 29652
Civen M 4764
28265
Civia W H 4009
16098
Civino A 30301
30303
42525
Čížek S 28408
Čížinský B 11425
Claassen L 46532
Claassen M 32248
Claassens H J 45068
Clack F 40394
Claes H 11342
Claes J 46553
46562
Claeys C 32917
Claeys E 36075
Clagett A H Jr 2901
15265
Clagett O T 6187
10078
13311
16571
Clahr H 52825
Clahr J 4475
24522
Clain A 43723
Claire du S. Sacrement, Sister 2535
Claireaux A E 1416
31269
Claman L 21984
Clancy R E 30143
Clanet F 31945
Clapesattle H 48381
Clapp H D 52143
Clapper W E 1293
Clappier M H 40312
Clara M 42398
Clarenburg A 25136
25143
43059
Claret I 53942
Claret Corominas I 21139
44528
Clarizia E 36971
Clark A 16503
Clark A G 2519
Clark A M 34379
Clark B J 19854
Clark D A 38058
Clark D B 7399
Clark D E 44075
Clark E 54398
Clark E G 41049
Clark E M 41087
Clark F L 8431
Clark G 17799
17800
43296
Clark G M 7430
Clark H F 1309
Clark H H 7506
Clark J 53230
Clark J F 50898
Clark J W 40887
Clark L B 8527
Clark L C 143
Clark L C Jr 18115
Clark M A 24984
Clark P G 17208
Clark R J 48232
Clark R M 41420
Clark R T Jr 16836
Clark S D 4528
Clark S J 40244
Clark S L 13210
Clark S L Jr 12352
24372
Clark W H Jr 40578
Clark W K 51289
Clark W M 27321
Clark W S 13629
50382
Clarke A 48341
Clarke A D 42178
Clarke C A 8492
Clarke D A 2706
40513
Clarke D D 1395
Clarke D H 900
Clarke E G 17957
40642
Clarke F R 794
Clarke H T 1249
Clarke I D 1298
Clarke J M 19927
Clarke J S 13313
Clarke K H 26144
Clarke N A 10852
Clarke N P 11552
40438
46379
50321
Clarke P R 5500
Clarke R 39117
48257
Clarke R S 17976
Clarke S K 14292
Clarke T H 22105
Clarke W G 53708
Clarkson J K 52409
Clarkson P 16052
Clarkson T B 20748
Classen R A 23411
Classen K L 11807
Clastrier J 1426
36543
Clater M 54581
Clatworthy H W Jr 52623
Claudio F 21436
Claus 1335
Claus W D 27798
Claused D M 39245
Clausen B 23692
Clausen E G 22036
Clausen J 17076
50882
50883
Clauser H 13808
13815
Clausse J 24285
24297
53019
Claussen F 35593
Claveau J C 18506
Claveau P 14660
Clavel B 9165
9640
Claverie G 9064
Claverie P 41136
Clavero Núñez A 20056
Clay A 3089
29135
Clay K 50694
Clay R 2495
Clayden G E 14780
Clayson D B 44066
Clayton B E 50523
Clayton G D 28012
Clayton G W 3422
35707
40668
Clayton H D 4911
Clayton M L 40315
Clayton W H 19072
Claytor M 15593
Clearkin P A 14203
Cleasby G W 87
Cleeland R 31406
Cleghorn J M 29148
Cleghorn R A 49474
Clein N W 28028
Cleland C C 51598
Cleland J B 18757
Cleland K W 53492
Cleland M 31382
Cleland W P 26121
Clemedson C J 757 12016 32980 35458 45366
Clémençon G 49073
Clemens M 52879
Clément G 24386
26306
Clement J 14363
26306
Clement R 8881 18009 37911 37916 41406 41408 45004
Clement W B 17291
Clement W E 41819
Clemente M 19213
Clementi A 37341
37504
Clementi F 37349
Clementi M S 1948
Clements F W 42131
Clements R L 21685
Clementsen H J 11866
45519
Clemetson C A 50979
Clemmesen C 11127
33396
45524
Clemmesen S M 35203
Clemmons L H 47277
Cleophas, Sister 49962
Clerc J 15190
Clerc P 47467
Clerck P de 29989
Clercq M de 13839
26310
Clerget O 24206
Clerici E 1908 15676 32590 33375 42218 51653
Clerici Bagozzi I 47376
Clermont Y 27417
Clermont-Ferrand 43803
Cléroux A 33407
Cleve E A 11643
Cleve H 46190
Cleveland W W 163
Cleverdon R C 50346
Clewe T H 49475
Cleyndert 55870
55876
Cleyndert P C Jr 34829
Cliffe E E 1660
19527
Clifford D H 16774
Clifford S H 41258
Clifton E E 11920
22225
48699
Clifton C E 40454
Clifton K H 48562
Cline B 8394
Cline J 7873
Cline M J 52616

Clode W 23734 35855
Clodius L 32267
Cloeren S 49901
Close H P 41003
Close J 1072
Close J R 15021
Closon J 26658 26866 26736 26752
Closs K 38512
Clough P W 24995 47521
Clough W S 20059
Cloutier F 33410 55123
Cloutier L C 54717
Cloward R B 28560
Clowes G H 31420
Clowes G H Jr 150 11816
Cluff L E 14343 48376
Cluxton H E Jr 31580 54759
Cluzel R 54466
Cluzel-Nigay M 54466
Clyde D F 896
Clyman S G 16342
Coaker T H 7253
Coakley C S 32526
Coakley J B 50298
Coan R W 4899 49772
Coassolo M 52036
Coates E O 28946
Coates J B Jr 42461
Coatney G R 14458
Coats D A 28620
Coats E A 4433
Cobb B B 28208
Cobb L M 48985
Cobb S 28291
Cobb W M 5444
Cobbin L B 47732
Cobble M A 23331
Coburn F G 26443
Coburn H 44139
Coburn J G 37559
Cobus A E 6500
Cocchi U 9974
Cocco F 42578
Cocco M R 3311
Coceani L 15250
Coch Frugoni J A 31717
Cochran B Jr 30628
Cochran D G 28276
Cochran E 18032
Cochran H A Jr 31243
Cochran H D 13558
Cochran J B 21737 22328
Cochran L W 27794
Cochrane A L 6193
Cochrane C G 17244 50530
Cochrane P 8117
Cocisiu M 45019
Cock A G 40782
Cock T C 14540
Cockburn D M 2110 26073
Cockburn W C 14461
Cockcroft J 6249 6946 54401
Cockett A T 48734
Cockings E C 2040
Cockrell D 3426
Cockshott P 8490
Cockshott W P 4792 17284 55355
Cocuzza F 9304 54195
Cocuzza G 9367 18491 20228 44821
Codaccioni J L 9038 36056
Codazzi Aguirre J A 9717
Coddon D R 12336
Code C F 12518 12519 15946 20809
Codecasa A 6278
Codes F J 44474
Codevilla A 35134
Codias G 25604
Codington J B 45083
Codounis A 44689 54910
Cody D T 48506
Cody M L 20066
Coe D M 10853
Coe E L 37103
Coe M 50682
Coe R M 46985
Coelho E 50077 53198
Coelho R R 50915
Coelho Neto A S 50435
Coenegracht J 7298 51407 51409
Coenegrachts J 9084
Coenen J P 18132
Cöster C 54827
Coetzee J N 9779
Coetzee T 21814
Coevorden S J van 7283
Cofano A R 39807
Cofer C N 40856
Cofer O S 12854 41155
Coffey R J 22081 24684 54660
Coffey V P 4325 50050
Coffin F M 5306
Coffin G S 1279
Coffin G S 25128
Cofman S 2473 24878
Cogan D C 82 86 88 2898 7426 11594 34946 46456 46467
Cogan J E 44050
Cogate A N 4198
Coggeshall H C 29275
Coggeshall L T 50809
Coggeshall R E 20720
Coggs G C 53739
Coghill N F 26037 37715
Coghlan J D 5675 28984
Coghlan J P 52329
Cogo L 3912
Cogswell H D 47283
Cohadon F 17660
Cohen 54300
Cohen A 15939 18003 31435 32723 37624
Cohen A C 42075
Cohen A E 16525
Cohen A I 40170 48571
Cohen A M 29999 35138
Cohen B 1208 24682 36253 47042
Cohen B D 465 12213
Cohen B M 20132 52846
Cohen C 44088
Cohen D 28307
Cohen E 27908
Cohen E D 12254
Cohen E L 20591 29287
Cohen F 1355 17720
Cohen F M 44105
Cohen G 11655 32497 32510
Cohen G N 4726
Cohen H 7277 12618 38075 47122
Cohen H H 25137 40898
Cohen H K 47090
Cohen H P 8344
Cohen J 6605 16992 26082 39787 40782 50381
Cohen J H L 29287
Cohen J J 47115
Cohen J L 30100
Cohen L 37624
Cohen L A 28554 28555
Cohen L B 17024
Cohen L R 49773
Cohen M 17023 50096
Cohen M E 36251
Cohen M I 12484 50938
Cohen M M 8344
Cohen M R 13208 28138
Cohen N K 16525
Cohen N N 15267
Cohen P 16400
Cohen P P 40522 48577
Cohen S 12598 37054 37949 50905 53107
Cohen S G 4397 5193 16517
Cohen S I 1376 46378
Cohen S M 45830
Cohen S N 30140
Cohen S S 13788 24729
Cohen T 40252
Cohen W 7500 19463 26575
Cohen W C 49177
Cohen-Gazire G 13747
Cohen-Solal J 14086
Cohen-Solal L 31051 32180
Cohet C 18080 18081
Cohler J R Jr 26573
Cohn D V 50024
Cohn E 42914
Cohn E M 35678
Cohn G L 4762 40536
Cohn I Jr 25018 36312 39459 54742
Cohn J 12802
Cohn M 40524
Cohn M L 32342
Cohn P 13732
Cohn R 11662 36281 41191 52321 54593
Cohn R B 54684
Cohn Z A 50538
Coidan R S 49808
Coiffard 36683
Coignet J 6944
Coimbra L 29357
Coin C G 819
Coirault R 8236 14376 14381 14389 31041 31914 31915 31916 47458 54014 54015
Coke H 35213 35214 54187
Coker J L Jr 20141
Coker S T 4570
Coker W Z 47607
Coxinis A J 40961
Colabawalla H M 5504
Colaco F M 35855
Colagrande C 15867
Colajacoma A 1984
Colalongo G 37322
Colao G 39520
Colarizi A 4025
Colarusso R 40347
Colas J 3487 3486
Colas M C 3068 26305
Colas R 44758
Colas-Belcour 2475
Colbert E G 2520
Colby M Y Jr 53733
Colby R A 41254
Colcock B P 7437 12831 41784 50755
Colding A 23836
Coldwell B B 26418 44287 48445
Cole D 48150
Cole F C 54429
Cole G V 42172
Cole H 23370
Cole J R 4563
Cole J W 22080 54708
Cole L J 5421 10501 23313 47116 54415
Cole R B W 48282
Cole R D 40492 47706
Cole S 44300
Cole S L 3372 4486 39437
Cole W H 11791 13319 39138 48409 52657 54663 54770
Cole W R 11780 37618 54679
Colebrook L 10508
Coleman C C Jr 20397 45813
Coleman C R 16981
Coleman E L 50448
Coleman E M 53696
Coleman E N 32364
Coleman G S 19655 47946
Coleman J 40660 40661
Coleman J M 2645 12298 35877 40055
Coleman J U 2618
Coleman M K 2680
Coleman M L 20853
Coleman N 894
Coleman P N 48148
Coleman S S 35873
Coleman W P 45810
Coles D R 51106
Coles J C 38018
Coles R B 14227
Coles R R 18078
Coles R S 34909
Colescott R L 39150
Colesnicov C 25467
Coletta A 6955 20207
Colette C 44634
Coley B L 858 22039 22070
Colhoun E H 29840 48466
Colillas R 43888
Colin J 29230
Colin M 3129 47423
Colin R 18005 41404 42508
Colizzi C 44805
Coll I 14207
Colla G 42567
Collaço F M 3704 49727
Collado Otero F 297
Collard 32875
Collard J 35253 46622
Collard P 4891 48256
Collarini H A 8160
Collart P 24805
Colldahl H 10163 34802
Colle E 53002
Colle J 36605
Colle R 1618 1619 1626
Colledge E H 50341
Collenot A 15075
Colleoni A 3546
Collet F A 14335
Collet F C 3366
Colless D H 6483 19598 47609
Colleson L 54007
Collet A 15074 21294 28763 32382 47740
Collet R 54325
Collette J M 14510
Collette T S 12845
Colley E A 21536
Colli A 55488
Collier C S 34962 54697
Collier D R Jr 4690
Collier F C 11770
Collier G 1003

Collier G 17087 17267
Collier H O 14120 29858
Collier J R 40418
Collier L H 37599
Collier L L 42064
Collier W A 10517 10525 33139 33142
Collignon E 1422
Colling M 16882
Collings H Jr 11647
Collins A D 28080
Collins C C 28203 40441
Collins C G 26375 26381
Collins D H 17898 35196
Collins E M 24669
Collins E N 30924
Collins F D 13695 13696 19547
Collins H A 12836 35921
Collins J 13420
Collins J F 16179
Collins J H 26379
Collins L 4010
Collins M E 36320
Collins N P 23488
Collins R F 14121
Collins R J 7622
Collins R T 47159
Collins S C 22321
Collins V J 28447
Collins W 12452 32351
Collins W F 5509
Collipp P J 52647
Colliton W F Jr 45092
Collman R D 46970
Collmann R D 604
Collomb H 992 47444 47445 51520
Colly M 54847
Colman B H 28479 41068
Colmant H J 7380
Colmart C 21339 31983
Colmegna H 53885
Colmenares B 8894
Colobert L 3090 9047 36084 47383
Colomb 26363
Colomb D 2385 2389 2394 2395 2396 2397 2405 2409 2410 2411 2412 2413 6313 6320 28489 36089 41943 41950 51387 51388 51389 51390 51391 51394 54098
Colomb L 2406 41947 47771
Colombani J 10966 11927 54303
Colombi G C 3911 3912 3913 3917
Colombini M 15246
Colombino C 13106
Colombo C 42658
Colombo F 7732
Colombo F V 36324
Colombo G 30301
Colombo I 6844 6845
Colombo L 54843
Colombo O 55733
Colombo U M 6903
Colombrita G 9304 54195
Colomer Sala J 44534
Colón J I 17468
Colonna D 45028
Colonna L 15247 15249 31738
Colonna S 24939
Colonna V 1101
Colonna d'Istria J 36154
Colonnello F 9705
Colosi G 1972 47780
Colosimo J 2555
Colover J 20705
Colque C A 8701
Colquhoun W P 14222
Cols A 1543
Colson J A 6387
Colson P 47374 54135
Colston J A C Sr 33101
Colston J A C 50209
Colter J S 8333 19707
Colton R 15535
Coltorti M 13980 49599
Colucci C F 20813
Colucci E 43462 43463 52936 52937
Columella F 42723
Coluzzi A 9375
Coluzzi M 9377 9380 9381
Colver V 2680
Colvez P 1465
Colville K I 75
Colville P L 48304
Colvin E D 47017
Colvin S H Jr 50188
Colwell A R Jr 30936
Colwell C A 44108
Colwell F O 40110
Colwell L C 21696
Colwell L S 50710
Coma A 53945
Coman C 27444
Comar J 54897
Comarr A E 25514 28146
Comb D G 13775
Combaud A 30463
Combe P 46856 46858 53020 53022
Comberiati L 25532
Combes B 41136 41137
Combes F C 6531
Combes P F 9008
Combes R 9633
Combescot C 48863
Combey P 43774
Combiescu D 46271
Combs G F 31316
Comeau M 38029 45541
Comeau-Montasse 15196
Comel M 13656 36963
Comesaña F 461
Comfort A 40874
Comfort M W 27543
Comín Ferrer J 46670
Cominardi A T 51959
Comiti J 6408 35047
Comiti M J 6401 6405
Comline J C 38149
Commare G 32940
Commerford S L 31415
Commichau G 3948
Commins B T 25996 40136
Common R H 14605
Comões S 16145
Comolli R 19467 32591
Comotto C 21043
Compere C L 12696
Compere E L 12696
Comproni E M 46885
Compton A P 28581
Comroe J H Jr 5107 23387
Comsa J 5766 19500 13437 13438 15158 15159 30547 30571 35085
Comstock G W 36542
Comte P 26323
Conant J B 50811
Conard V 26727 26840 26841
Conardeau 2012
Conca G 42800
Conches L 8978 25869
Conchie J 46789
Concilio C 1966 36587 36589
Concina E 52095
Conde E 44099
Conde Gargollo E 1814 31843
Conde Jahn F 23919 36157
Condit G W 5307 15937
Condon G P 4869
Condon J H 24345
Condorelli A 27624
Condorelli L 12048
Condrea H 34585
Condry R J 24993
Conduruso R 42475
Conestabile E 53812
Confalonieri C 8045 8663
Confort A 50580
Conforti G B 8052
Conforto D 14435
Conger A D 31606
Conger G T 649
Conger J J 4380
Congiu A 53793
Congiu L 1486 1528
Cónill V 7576
Cónill Serra V 44527
Conklin W S 1221 5879
Conlan P K 50694
Conley B E 13459
Conley C L 47511
Conley J J 6242 13278
Conn H L Jr 12565
Conn H O 7436 19838
Conn J H 18651
Conn J J 3773
Conn J W 3351 17761
Conne G 39824
Connell A M 37643 48265
Connell G E 37980
Connell J F Jr 54741
Connell J J 13703
Connell J N 43310
Connell M C 26096
Connell W F 2541
Connelly C M 19683
Connelly F C 2137
Connelly J L 4780
Connelly J P 30144
Conner H 23326
Connerty H V 12281
Connolly C 37643
Connolly D C 23395
Connolly J 46529
Connolly J E 54684
Connolly J H 6126
Connor W E 28446
Conquy T 35611 48910
Conrad D 20874
Conrad F G 12312 35736
Conrad J 2707
Conrad K 43116
Conrad L L 41241
Conradie F M 54504
Conrads H 43358
Conran P 3391
Conraux C 32002
Consbruch U 25369 27016
Consigli R A 5186
Consiglio C 9327
Consoli F 9692
Consoli G 330 1926 1927 13998
Consoni R 8730
Constable B J 1639 38617
Constable F L 4897
Constam G R 44928 51815
Constandoulakis M 4888
Constans J P 9656 43117
Constant M A 47041
Constantin B 12988
Constantine H P 12275
Constantinesco N 47413
Constantinescu A 15311
Constantinescu D G 20328
Constantinescu G 6296
Constantinescu S 31133
Constantinides P 127
Constantoulis N C 10954
Contamin F 2485 37939
Contamin R 27736 29706
Contartesi J C 9692
Conte J P 42022
Conte M 2490 54296
Conte W R 21509
Conte Marotta R 20816
Conterno G 6892
Conti A 29705
Conti C 24145 31897 49585
Conti F 54209
Conti M 44828
Conti S F 7207 16880
Conti T 25531
Conti U 3858
Conti V C 3311
Contini D 21002
Contini R 47527
Contopoulos A N 15616 20736 31289
Contorni L 3877 19156 51969
Contreiras D C 18828 51647
Contreras A R 9744
Contreras F 13620
Contreras G 53955
Contreras M 19779
Contreras R 1549 25668 36836 36843
Contreras V 21182
Converse J M 1231 8042 10489 20386 22307 30662 47557
Conway E J 17961
Conway H 10490 30658 47541
Conway J 33435
Conway R R 42140
Conybeare E T 18702 29789
Cook A W 22007
Cook C D 16814 21968
Cook E B 36566
Cook E N 9428
Cook E R 13302
Cook E S 7209
Cook G B 32707
Cook G T 19340
Cook H P 20688
Cook I J 17717
Cook J 41886
Cook J C 828
Cook J O 28342
Cook J W 11610
Cook L 51072
Cook L C 50826
Cook M H 12322 14998
Cook M J 23327 23328
Cook M K 38609 50186
Cook P B 4801
Cook R W 2907 2908
Cook T J 4690 7672
Cook W C 17485
Cook W F 19654
Cook W H 2545
Cooke D E 28197
Cooke J W 7027
Cooke L T 4094
Cooke P M 23411

Cooke R A 4392
4393
16519
Cooke R E 52998
Cooke S L 34911
Cooke W T 15945
38626
38627
Cooksey D E 41246
Cookson H 48295
Cooley D A 1233 2437 5895 11803 22032 35920 35921 35922 41075 46514
Cooley L M 477
Cooley R N 4017
Cooling C I 8116
31276
Cools M 11839
Coombes W N 37646
Coombs R R 2067
40129
50473
Coon M J 1267
Coon W W 2432
Coonery M K 8823
Cooney J P 24666
Cooney M K 5143
5144
Coons A H 3768
Coop M C 4646
Cooper B A 19460
Cooper C 47937
47943
Cooper D A 49774
Cooper D R 47950
Cooper D Y 17061
Cooper E H 3509
Cooper E R 23555
23567
Cooper E S 35699
Cooper G N 42120
Cooper H 3427
Cooper I S 1798 7397 8129 13491 26649 34891 43713 53534
Cooper J 40358
Cooper J A 10707 17684 17701 31443 55888
Cooper J F 33123
Cooper J R 26460
26461
Cooper J S 10941
Cooper K E 51106
Cooper N R 22911
Cooper O 40523
Cooper P D 17309
17310
42961
Cooper R M 2575
50588
Cooper S S 19984
Cooper T V 37736
Cooper W 55059
Cooper W F 18765
Cooper W L 50699
Cooperman B 16986
Cooperstein I L 44140
Cooperstein I L 50563
Cooray G H 24177
Copcutt W A 20932
Cope E 48284
Cope I 50971
Cope O 1238
25042
Cope T I 5564
Cope Z 6442
38150
Copeland G D 439
562
35615
Copeland L V 24519
Copello F 7828
Copelman L S 19349 32009 32010 32913 44767
Copelman S 44767
Copeman P W M 18397
Copeman W S 35217
Copenhaver J H Jr 12540
Copenhaver R M 30564
Coper H 43003
Cophignon J 2487
Copin 11835
Copinschi G 48907
Coplan M M 40109
Copland S M 39145
Coppage W S Jr 32522
Coppen A J 20876
Coppens R 3041
Coppi F 25595
37457
37496
Coppini M A 21459
Copplestone J F 30205
Coppo M 31903
32089
Coppola C F 7738
Coppola M 21426
Coppola O 25580
25581
Coppridge A J 5715
Coppridge W M 1282
Coquelet M L 24100
26661
Coquet G 21212
Coqui C 38507
Coquoin-Carnot (Mme) 26213
26249
26250
Corà D 3867
44167
Coraboeuf E 15117
38691
38727
48865
Corach L 3308
3312
Coraggio F 1880 9291 9352 9365 37369 37370 37371 37372 37373 37374 37375 37376 44822 44823 54242
Corazza L J 19873
Corazza R 7743
Corazza R 25527
47803
Corban M S 4756
Corbaz R 15671
Corbeel L 30458
Corbella E G 29646
39521
Corberi E 44801
Corbett J J 39277
40909
Corbett J L 2079
Corbett R S 12706
Corbetta L 13496
Corbin H 52813
Corbin J L 43870
Corbin K B 13292
Corbo L 567
Corbo S 31701
Corbos R 9521
23808
Corbus H F 37944
Corbusier-Ledoux M 36514
Corcelle L 1472
Corcelles 5318
Corcoran A C 698 2897 2912 4016 12463 12555 50123
Corcoran T M 18043
Corcos A 32204
Corday E 24336
42833
Cordebar J 31048
38787
Cordeiro A 1568
51648
Cordeiro Ferreira N 25492
Cordell A R 18120
Cordero A A 8170 31009 43873 43874 53348
Cordero Funes J 8684
Cordes H 23138
Cordier D 3095 3096 5770 13460 26681 26682 26862 26868 26924 26925 36614 48880 48886
Cordier G 3094
Cordier J 44749
54112
Cordier M 3095
5770
26862
26868
Cordoba J L 9745
Cordoba Duran A 44512
Cordon T C 1298
Cordy D R 15239
Corelli F 6890
9376
Cori C F 40472
40563
40564
Cori O 37068
Coriat J 3193
Coriat P 405
24247
27708
Coriell L L 5437
Coriell L L 38073
Corinaldesi F 2504
Corke C T 2571
Cormack D V 2134
14147
Corman H H 12699
Corman J 25159
Cormia F E 11566
46386
Cormier J M 51881
51882
Cormier M 48852
Cormier M J 13804
Cornacchia M 2005
Cornand G 36549
Cornatzer W E 7216
52132
Corne S J 14139
Cornejo A 9734
Cornejo J A 15471
Corneleac E 34562
Cornélis G 35243
35244
50361
Cornelis J 47911
Cornelison A 24591
Cornelius C E 48982
Cornell R G 17603
Corner B D 53507
Cornet 36683
Cornet A 9647
20674
Cornet E 43742
Cornet L 4820 5314 6425 50765 51510
Cornette de St-Cyr M 42002
42007
Cornfeld D 36247
36248
53006
Cornfield J 50888
Cornforth J W 14191
Cornish A L 5248
Cornish H H 4
50650
Cornman T 48131
Cornsweet T N 17865
21684
Cornu L 48917
Cornu M 54467
Cornwell P B 7188
Coroianu V 23171
55726
Corolleur J 32057
49732
Corominas E R 36838
Corominas Beret F 44537
Corona L 8691
Corone A 1026
44680
Corone P 25501
Coronini C 46243
Corradetti A 31728
Corradi C 25601 25614 29717 29718 42738
Corradini H B 20244
Corrado F 8630
32098
Corrado M A 14985
Corral H B 3194
Corral J F 8836
Corrao F H 53328
Corrêa A 53837
53871
Correa C 21087
Corrêa J C 19583
Correa Iturraspe M 37277
Correale P 1873
5478
Correll N O Jr 10110
Correll R E 11661
Correns H J 3947
33899
Corrigan J P 14128
14129
Corriol J 26484
Corriol R 21403
Corrion R 38809
Corripio Quijano F 338
Corscaden J A 10133
Corsellis J A 41218
Corsi M 15896
20975
Corsini F 2963
Corsini G 36753
36818
Corsino G M 32159
32164
Corso P 22320
Corson E F 46387
Corson J K 46387
Corssen G 12891
24759
Cort J H 30782
Corte G 44114
Corte Zapico A 44536
Corteguera H 21162
Cortejoso Villanueva L 1801
Cortes R 35456
36676
Cortés Mendoza E 44544
Cortés Pérez V 6570
Cortés Prieto J 21132
Cortesão E L 28083
Cortese M 9938
Cortese N H 20649
Cortesi C 1854
48108
Cortesi M 42790
42794
49404
Cortesi R 25597
Cortesi S 11954
Cortéz F 8927
27526
Corti G C 6285
Corti L 44841
Cortinovis R 3858
Cortot H 3084
15071
Corunzi C 30974
Corvalán H 8913
Corvese W P 54671
Corvilain J 11892 21267 21268 44613 44616
Corwin L M 40568
Cory R A 48196
Cosbie Ross J 2148
Coscas G 15966
39496
39502
52891
Cosemans J 47910
Cosén J N 21034
21035
21061
Cosenza B J 50346
Cosgrove A S 28185
Cosgrove G E Jr 44118
Cosgrove R A 38592
Cosi L 7154
46377
Cosín A 9674
9702
Cosin Alvarez M 44512
Cosío A I 38501
Cosma D 52847
Cosmos E 35818
Cosnett J F 48278
Cosnier J 3098
26863
26867
48895
Cossa P 15964
Cosset J 433
Cossio P 8184
20619
43859
Cossman F P 5244
Cosson R 6307
51373
51380
51381
Cossu P 39513
Costa A 8163
9591
52104
Costa B da 4353
Costa C 36728
Costa C C da 35954
47297
Costa E 12603
Costa F J 31856
Costa F M 2711
Costa G 21417
29636
42766
Costa I A da 21094
Costa J 53199
Costa M B da 50078
Costa O 20244
Costa U 1505 8467 20908 36725 36727 36745 36748 36749 36769
Costa V 12896
Costa Y 37931
Costa Lizaso J E 31014

Costacurta A 16485
Costaguta R 39093
Costales F 53888
Costamaillere L 44564
Costantin L L 47107
Costantini O 15031 38546
Costas Durieux J 1794
Coste F 9223 9230 11287 21393 50354 53413 54178 54182
Costeau J 14506
Costello C G 40723
Costello M J 11583 46388
Coster J de 37031
Costero I 1549 3679 25868 36836 39442
Costerousse G F 36178
Costes J 26707
Costes-Sodigné G 38742 48874
Costich E R 17213
Costlow R D 4723
Costner A N 5864
Coston H M 52790
Cotarcă N 9463
Cotarcea S 31122
Cote M 26255
Côté R 10098
Cotes J E 4660
Cotone A G 15507
Cotrel Y 9001
Cotrufo P 23757
Cotta H 36454
Cotta-Ramusino F 31716
Cottafavi M 42565 52104
Cottalorda J L 41402
Cottam G I 17615
Cotte (Mme) 54077
Cotte J 6312
Cotteleer C 38765 38765
Cottenot F 2379 37869
Cotter H 2645 42090
Cottet J 26319 31039
Cottier H 3937 9534 21640 34361 39901
Cottier P 34361 39888
Cottini G B 16090
Cottini G F 1834
Cottino F 52104
Cottle M H 111
Cotton J W 5034
Cotton L T 20558
Cottonaro C A 27214
Cottone D 11821 54196
Cottrille P A 16679
Coturri E 42686
Cotzias G C 4856 4860 21693 52301
Couch J R 34954 46463
Couch N P 22029
Couch R D 24411
Coucourde F 29658
Coudert J 980 2386 2390 2398 2399 2410 6314 36089 45035 51387 51389 51396
Coudray P 9660 17659
Couerbe J 3073 26296
Couinaud C 23561 31979
Coujard R 9184
Coulant 37894
Coulet M 25449
Coullaud D 15120
Coulomb B 39190
Coulombe M 26445
Coulombre A J 720 4984 24571
Coulombre J L 4984 24571
Coulonjou R 9137
Coulot M 21743
Coulson R A 31459
Coulson W F 42966
Coulter N A Jr 12566
Coulter P P 19149
Coulter W J 7606
Council F E 10264
Counseller V S 3022
Countryman J L 22605
Coupe C 44643 44647
Coupez F 31898 44642
Coupez F J 53424
Couppie G 27736
Courbaire de Marcillat 43803
Courbier 35050 51452
Courbier R 6403 43983
Courbil L J 51518
Courenenos S 42501
Courjon J 54077 54090
Courlander P 2107
Cournand A 5893 9029
Courriades H 42416
Courrier R 53561
Coursaget J 21357
Court-Brown W M 11917
Courtecuisse 6365
Courtieu A L 3099 47392
Courtois J 15180 15181 15182 54987
Courtois J E 1058 26316 26335 36175 37788 38708
Courty L 41435 41436 51141
Courville C B 2352 16616 37818 50932
Courvoisier B 41932
Coury C 21380 54167
Cousin J 16590
Cousin J P 45029 45036
Cousineau A 44255
Couteaux R 15696
Coutel Y 30465 45008
Couto D 8759
Coutts W E 31877
Couture H 41997
Couve P 30445
Couvelaire R 31078 31090 33442
Couves C M 46597
Cova P L 23913
Covalt D A 12848
Covalt N K 32524
Covell L L 12448
Covello L 27635 37363 37364 37365 37366 37367 46640
Coventry M B 4496 29281 52138
Coverdale H 55052
Covian M R 20528
Coviaux P C 47486
Coville W 40017
Covino B G 12560 16826
Cowan D 28989
Cowan F F 2330
Cowan F P 27801
Cowan I I 24443
Cowan K 21524
Cowan K M 21667
Cowan M A 18378
Cowan S T 40847
Cowen E D 10309
Cowen E L 50094
Cowen J E 17150
Cowen R H 54699
Cowgill G R 50957
Cowie A T 53471
Cowie R S 40636
Cowles J 25928
Cowles P B 4716
Cowley P S 41319
Cowley R A 12822
Cowling D C 51323
Cowper S G 10975
Cowser K E 23333 27810
Cox C V 47312
Cox D H 4638 16766
Cox D M 48433
Cox E C 8494
Cox E V 15945 38626 38627
Cox L B 46846
Cox M J 20483
Cox R A 53486
Cox R H 22581
Cox R I 17231
Cox R S Jr 24714
Cox W A 23478
Coxam B 9105
Coxe W S 5519
Coxon T L 44858
Coyas A 5295
Cozad G C 28426
Cozen L 34975
Cozzi V 21199
Cozzolino D 1881 13981
Crabb E D 25033A
Crabb H S 53552
Crabbé J 17034 17035
Crabol J 32410
Crabtree N L 17636
Crăciun E C 31130
Crăciun T 6582
Cracovaner A J 6235
Craddock C G 17579
Craddock C G Jr 33065 37225 46430
Cradic H 54545
Crafft W M 4704
Crafoord C 2900 10178 29044
Crafoord C 46662
Craft K L 55021
Craft M 5380
Crafts R C 12950
Cragg B G 19481
Craib M F 2240
Craig A J 40616
Craig B M 2568
Craig C E 30251
Craig D E 31391
Craig D R 40574
Craig F N 23298
Craig J 32367
Craig J M 2360 5735 21968 30421 51054
Craig L C 49467
Craig L G 33113
Craig M 24488
Craig M S Jr 16858
Craig W S 7846 36531
Craighead C 54545
Craighead C C 54659
Craighead J E 21668
Craigie J S 21665
Craigmyle M B 10491 19708
Craik D J 41312
Cram R W 47589
Crambiett H G 19844 44123 15925
Cramer H 39543
Cramer H R 53715
Cramer L L 16750
Cramer R 13763 13764 52430
Crampton G H 683
Crampton R S 52633
Crandall V J 2842
Crandell A 5372
Crandell D L 37956
Crandell E M 2542
Crandell R A 12767
Crane F L 44975
Crane G E 17788
Crane J T 53739
Crane L 50763
Crane M G 17605
Crane W A 49261
Cranefield P F 40152 48720 48721
Cranley J J 54670
Cranmore D 8520
Cranston E M 2691 2720 47741
Cranston W I 31281 51106
Craps L 23705
Crastilneck H B 12969
Crastes de Paulet 54902
Crastes de Paulet (Mme) 54902
Crathorn A R 1646
Cravario A 8363
Craver L F 7423
Craver W I 23471
Craveri A 6956
Craveri F 1849 36954
Cravero D 6814 29565
Cravetto C 31774
Cravetto C A 1893 35093 36809
Cravioto H 36253
Cravioto J 13897 13898 24370 36530 48078 48080 48081 48082 48083 48084 48087 48088 48089 48090
Crawford B M 5031
Crawford D T 28389 28390
Crawford E 30159 30181
Crawford E J 50915
Crawford E J Jr 46992
Crawford E S 1233 4511 5895 11803 19798 35920 35923 46514 49866
Crawford H H 8035 20399
Crawford J D 4862 7838 30144 51918 53010
Crawford J F 46936
Crawford L V 36242 37110
Crawford M D 37674
Crawford M N 30356
Crawford S E 46540
Crawford W L 4152
Crawley F T 30166
Crawley M A 20935
Crawley S J 47006
Crawley W E 52383
Craxf P 13967 13968
Creadick R N 12423 22164 38564
Creadrick R N 12387
Creber I 7554
Creditor M C 47519
Credner K 29906 35953
Cree E 42066
Creech O Jr 13317 18117 40318 46518 54677 54763
Creed D L 6116
Creel F L 50447
Creelman L 2849
Creese R 5742 17966
Creevey K 30100
Creevy C D 6966 7495 19969 19974 52755
Créhange J L 2378
Creighton H 24480
Crelin E S 720
Crema A 48234
Cremer G 7122 7329
Cremer H D 28072 45268
Crémieux A 9133 29185
Crémieux Y 29190
Cremonesi G 36723 42749
Crepaldi G 37225 50736
Crepaldi V 49577
Crepax P 25647 36801
Crepet M 6938
Crepinko I 27904
Crespi G 20178
Crespi M 36795
Crespi O 43931
Crespo Álvarez A 1797
Crespo Gonzáles J de J 8952

Cresseri A 1904 13974
Cressin A 31127
Cresson H 42427
Crestfield A M 47699
Cretin A 976
Cretius K 47630
Creton R 14390 51488 51489
Cretti A 8064
Creutzfeldt O 7383
Creutzfeldt W 1602 15628 39058
Crevasse L 24330
Crevasse L E 14969
Creveld S van 7301 7321 15649 18569 25461 49316 52532
Crevier M 36604
Crevling V 13313
Crew F A 40931
Crews E R 12837 47281
Crews J 15941
Creyssel J 6304 6306
Creyssel R 29143 32209 44629
Crezee P 52502
Criado Cardona R 51627
Crick F H 10205
Criep L H 50010 50129
Crigel E 34813
Crighel E 5763
Crikelair G F 12697
Crile G 23475
Crile G Jr 2936 2940 6411 22090 26606 50424
Crisalli M 29732
Criscitiello M G 46959
Criscuolo D 16815 16836 23284
Criscuolo E 15508 49163
Crismer R 35149
Crismon L 536
Crisp D J 44040
Crisp G O 25010
Crispell K R 45810
Crispolti G 3914
Cristau B 1046
Cristea A 46074
Cristiani M 30349
Cristiansson J 23867
Cristini M 1502 3852
Cristofari 20520
Cristoffanini Trucco A 53960
Critchley G G 21530
Critchley M 6630 14304 48597
Critchlow V 12512 15612
Crittenden I H 46541
Critz J B 47132
Croccel L 18079 18082 24781 51140
Croce J 53847
Croce L 30672
Croce M 20180 42684
Crocetti G M 801
Crocioni U 21791 32466
Crocker A M 41272
Crockett J E 28148 35629
Crockett R 31477
Crockett W A 32691
Cröll H 38996
Croes-Buth S 46596
Crofton H D 30358 30359 30360
Crofton J 37011 54637
Crofts N F 14154
Croizat P 18562 29142 29143 31052 32205 32206 32209 41141 44698 44701
Crokaert R 26321
Crolle G 6790
Cromack I 19087
Cromartie W J 40812
Crombie W M 1658
Crome L 5627
Cromer J K 21872 46991
Cromwell R L 46974
Cromwell T 52403
Cron M J 24998
Cron R S 20065
Crone P B 7035 19341
Crone R I 13169
Crone-Münzebrock A 18966
Cronheim G 44958
Cronholm B 10161 46707
Cronin K 26105
Croninger A B 38080
Cronk G A 25029
Cronkite E P 11931 31306 32618 44134 51309
Cronvich J A 2884
Crook E 12760
Crook J C 2130
Crook S L 19146
Crook S L Sr 6507
Crookall J O 42952
Crooke A C 26140
Crooks H 16548 24373
Crooks H E 31614
Crooks J 37741
Crooks R N 40143
Crookston J H 5564
Croon M Y 52541
Crosato F 27670 32143
Crosato M 29740 52124
Crosby E L 8444 12320 40038
Crosby R M 817 26645
Crosby W H 575 17057 22474 25931
Crosfill J W 18072
Crosland D B 45081
Crosley A P Jr 40679
Crosnier J 31084
Croson M (Mme) 3050
Cross A G 14058 48173 48218
Cross B A 8652
Cross F 28457
Cross F S 13320 23479 31307 5883
Cross H D 52577
Cross J M 16692
Cross K W 14294
Cross L C 24652
Cross R B 14133
Cross R M 14462 17903
Crosse V M 13415
Crossfield H C 31304 39204
Crossland A 2084
Crossley D A Jr 23326
Crossley M L 2685
Crosswhite L H 38066
Crosta C 29665
Crosti P F 31776
Crotty J M 18741
Crouch H W 46890
Crouch R L 8474
Crouzet J 14517
Crow E W 50290
Crow N E 820 4685 10686 45558 47226 53744
Crowe F W 41001
Crowe M E 48975 48979
Crowe W W 34911 41247
Crowle A J 1611 4258 5145 17609
Crowley M C 40236
Crowley R T 5898
Crowther B 44273
Croxato O C 29344
Croxatto H 15675 21197
Croxatto O 33013
Croxatto O C 21042 27229 43887
Cruchaud A 39883 44932
Cruchaud S 9123
Cruchet R 55120
Crudeli R 1106 9764 42719 51985
Cruickshank B 5695
Cruickshank E W 53260
Cruickshank R 28294
Cruise A J 18064
Crum J D 35545
Crum R B 34972
Crump C H 16820
Crumpton C W 1141 4873 41035
Crumpton E 47176
Crumpton M J 37082
Crutcher J C 1272
Cruttenden L M 4416
Cruz E 4237
Cruz F Da 35855
Cruz J N 7986
Cruz O R 25771
Cruz P G V 38611
Cruz W O 12562 16817 24039
Cruz-Coke R 21187 53967
Cruz-Coke Madrid R 21190
Cruz-Horn A 26660 38720
Cruz Poso R 21194
Cruze K 13513 36316 40289
Crymes T P 7404 51161
Cryssel R 32206
Crystal M M 51002
Csaba B 24020 24021 24022
Csaba G 28784 45795 55523
Csaba I 25197 28786 41619 41988
Csabay L 49813
Csallany A S 44136
Csanády G 42459
Csánk I 32320 39867
Csapó G 22812 41623 43441
Csegedy J 36594
Csegezy N 22934
Cseh G 24012
Cseh I 4130
Cseppentő I 43454
Cserháti I 23745 46603
Cserhati S 6305
Csermely G 39432
Csermely H 4130
Csernohorszky V 30288 30296 55702
Csernovszky M 3464
Csernyánszky H 24020 24021 24022
Csete B 52898
Csiki T 29155
Csiky P 36494 36497 36499
Csiky T 6093 34085
Csillag A 23033 26122 38980 43435
Csillag F 28876
Csillag I 7713 10139
Csillag S 39428
Csillik B 35257
Csizer Z 9467
Csóka I 37239
Csokonay L 34471
Csonka E 23765
Csonka G W 13303 36306
Csorba A 40051
Csornay M 29890
Csadra M 45376
Csatrecasas J 31807
Cube H M 8005
Cubiles J A 8784 15556
Cubillos L 54943
Čubrilović B 51682
Cuccia D 9273 44690
Cuccia D 54202
Cuccioli U 43468
Cucu A 6583
Cuculiu S P 33882
Cuddihy R 2710
Cuddy T E 41241
Cudkowicz L 14997
Cudworth A L 12230
Cuellar V 21174
Cuénant J 10592
Cuenca E 36938
Cuenca L 1015
Cüppers C 3291
Cuervo Muñoz C 6574
Cuervo Muñoz D C 18819
Cueva J A 8922
Cuff J R 5452
Cugell D W 46403
Cugudda E 19236
Cugurra F 36586
Culban F 7977
Culban L 7977
Culbert S S 17265
Culbertson C G 47090
Culbertson J W 50703
Culbertson W R 158 1241
Culiner M M 14363
Cullen A M 31353
Cullen M 8685
Cullen M L 16514
Cullen P K 20073
Cullen W G 35976
Culling C F 46492
Cullington D E 53647
Cullumbine H 55008
Culp D 33093 55046
Culp D A 33100
Culver D 37
Culver G J 24493
Culver J O 15652 17582 24425 40899 50725
Cumings J N 5489 27032 53536
Cumley R W 24165
Cumming C 38609
Cumming J B 24615
Cumming R A 41788
Cummings E J 37810
Cummings J N 4655 12571 35740
Cummings M M 561 42074
Cummings V 4509
Cummins A J 7430 12285 35897
Cummins C F 35979
Cummins G E L 6484
Cunescu V 9464 31133
Cunha C 16140
Cunha D P da 8819 53932
Cunha S L 8775
Cunningham A W 6117
Cunningham D J 20916
Cunningham F J 19699
Cunningham G J 28301
Cunningham H H 45551
Cunningham I J 48260
Cunningham J R 35947
Cunningham L S 40844
Cuny G 21334 43946
Cuocolo R 42474 42475 42476
Čupić V 32615
Čupkova E 22768
Cupp C M 12211
Cuppuni R 15248
Cupta S S 36581
Cuq P 44780

Curatolo S 27355
Curbelo A 8837
53940
Curbelo Hernández A 13551
Curchod A 8139
27696
Curci G 56825
Curia L 8170
Curjel H E 18075
Curnow D H 29296
Curone A 3730
Curotto Costa D 23924
Curran D 21523
Curran F H 35830
Curran G L 69
41184
Curran J A 39347
Curran R C 14200
17899
17900
54653
Curran S A 17347
Curran W J 36997
Curreri A R 5894
22906
Currey J D 50304
Curri S B 1945
46638
Currie D J 14657
Currie G A 48439
Currie J C 31260
Currie J D 17741
50855
Currier R D 7391
10698
33436
Currier W D 18490
Currò S 42473
Currò Dossi U 54271
Curry A S 17955
Curry G J 12694
37799
Curtain C C 29812
Curtarelli G 27206
Curth H O 34851
Curti B 37393
37394
Curti P C 53798
Curtin B J 55014
Curtin J A 10423
Curtis A C 11585
23366
28441
50649
Curtis C 18437
Curtis D R 5505
7162
12023
51112
Curtis G C 5467
Curtis G H 46405
Curtis H J 8526
Curtis J K 27258
42066
Curtis J M 39202
Curtis M R 31309
31310
Curtis R W 9574
Curtiss C 555
Curtius F 39000
Curto Cardus J 29348
Curutchet J L 8204
Curveillé J 29237
Curwen M P 26101
Cury G 26937
Curzio G 20987 39691 42474 42477 51987 53780
Curzon G 5489
27005
53537
Cushing I B 16713
Cushing I E 15536
Cusick P L 35773
Cussini G 3868 6786 25634 25635 27613 27614 39647
Cust G 41806
Custer J H 1350
Custodis E 51243
Cutait D E 22042
Cutcudache C 32185
32186
32200
Cuthbert J 22327
Cuthbertson D P 37588
37589
37590
Cutillo S 6955
20213
20225
Cutlar K L 40247
Cutler A 13196
Cutler C W Jr 10074
Cutler J G 20258
Cutler P R 21515
49193
Cutler R L 17180
17183
Cutler S J 28290
Cutolo E 36919
36933
Cutroneo A 29126
Cutsforth M G 23506
Cutter A V 19069
51892
Cutting W 1290
2721
9971
Cuttoli J P de 45013
Cutts R A 606
Cuveland E de 15851
34250
Cuvelier R 36629
Cuyler W K 38564
Cuypers Y 3122
Cuzacq J 32369
Cvetković J 9963
Cvetković V 45913
Čvorić A 32615
Cwalina G E 50256
Cwynar S 30069
Cybulski L 30697
Cynkin M A 19704
Cywicki J 7820
Czackes J W 46
Czagany F 7364
Czaja H 20185
Czanik P 24025
45467
Czapnicka M 30390
Czapski Z 33791
Czar B 44892
Czarnecki E 24049
Czarnecki N 17586
Czarnecki R B 25155
Czarmecki W 30838
30867
Czebotariew R S 33686
Czechowska Z 30718
Czentár B 28801
45797
Czeredarczuk O 171
Czerniak P 13120
Czernobilsky B 14968
Czerny E W 47283
Czerwińska B 53213
Czerwińska W 28841
Czipott Z 37758
Czipri M 11460
Czirner J 52920
Czubalski F 24045
24050
Czuchro 47764
Czurkó G 20176
Czuwar S 30748
Czwink C 15318
Czyba J C 3098
26863
26867
48895
Czyzewski K 6289 20407 20417 20418 30724
Czyzyk A 1604
Dabadie J 2014
36645
Dabash A 12754
12755
Dabbah M 36116
D'Abbicco V 189
Dabbs C H 10119
Dabbs J W 45078
Dabelstein D H 47529
D'Abreu A L 42514
Dabrowski L 19706
54381
Dąbrowski T 31517
42830
Dąbski H 53185
Dachman R H 20883
Dachy A 23930
Dacie J V 11926
20691
26031
Dack G M 47628
DaCosta F M 44974
Da Costa P B 19627
D'Addabbo A 6678
27888
Daddi G 6272
9257
32090
D'Adesky R G 17771
Dadone G 42685
Daela H 36693
Daesch G 41204
Daeschner C W Jr 21863
Däsler H G 7976
Dätwyler A 54344
D'Afflitto V 19164
Daffner J E 1166
1167
Dagenais-Pérusse P 55115
Dagert C 55065
Dagher I K 51162
D'Agincourt R G 48524
Dagneaux 36635
D'Agnelli A 54230
Dagnini G 32597 32598 32599 32600 32601
D'Agnolo B 29612
D'Agostini N 27667
D'Agostino Barbaro A 25640
Dagradi A E 49725
Daguet G L 13053
Dahl G C 16734
Dahl L O 50135
Dahl M 43193
Dahl N A 17365
Dahl O 32644
46720
Dahlberg A A 40775
Dahle B M 13241
Dahlin D C 860
20131
49703
52134
Dahlman E 32844
Dahlstrom W G 5027
Dahm P 25268
Dahm P A 21711
Dahmen H 52196
Daichman I 7612
Daikhes A I 55219
Dail C W 42057
Dailey J E 929
Dailey J P 39150
Dailheu-Geoffroy P 36692
Daillez P 51144
Daillie J 1670
Dailly R 9150
Dain J G 6496
Dainton F S 37609
Dainty J 17326
Daitsch J 43902
43907
Dakić M 9959
Dal' M K 25739
Dalal S R 4201
Dalal U C 45377
Dalaut J J 24298
26219
30469
53023
D'Alba A 42630
D'Alberto T 55389
Dal Brollo F 39314
48103
Dalby M A 22427
Dal Canton G 54257
Dale B 26439
Dale E H 24180
Dale H H 13307
Dale M M 9781
Dale W A 156A
46516
54736
D'Alessandro A 1898
1899
Dalessio D J 18718
Daley D E 50240
Daley R 48144
Dalfino G 2978
Dal Fiume E 1107
D'Alfonso G 1535
Dalgaard J B 35712
Dalgård O Z 587
33391
33392
Dalgliesh C E 354
45449
Dalhamn T 43177
43178
52706
Dalheim L G 30254
Dalith F 24989
Dalitsch W W 24674
Dall G 9808
Dalla Costa F 9317
21453
Dal Lago H 9704
D'Allaines C 10734
D'Allaines F 10734
15956
Dallalana L M 13584
Dallam R D 13400
52415
Dalla Pria M 15892
Dall'Armellina P J 53326
Dalla Rosa C 44320
49576
53759
Dallas N L 14185
Dalla Volta S 31676
35028
49576
Dalldorf G 17245
Dallemagne M J 26324
Dalle Ore G 42726
Dallgaard S A 46505
Dalli G 29669
Dallison J 35444
Dallmann L 23605
23628
Dall'Olio G 1951
27430
Dalloz J C 21264
Dalloz-Bourguignon A L 29232
Dalmais 6315
Dalmais J 6326
Dalmak R 45448
Dalmas H 6397 18639 35045 35046 51440 51446 51456 51460
Dalmasso A 13612
Dalmau M 20640
Dal Monte A 28592
D'Alotto V 6492
53422
Dalous 41137
Dal Palù C 3894
29612
49577
Dal Ri H 29886
29898
Dalsace J 3705
8323
28251
Dal Santo G 11952 37325 37326 42737 44321 53760
Dalsgaard S C 47920
Dalsgaard-Nielsen T 25832
Dalton A J 19566
D'Alton C J 16006
Dalton K 48263
Daly D 20807
Daly J F 36277
Daly M de B 17969
28623
51109
Daly M M 50532
Dal Zotto E 2878
28583
46639
Dam H 319 3473 19525 35382 46699
Dam R 18579
10622
12961
52727
Dam-Bakker A W van 2078
36191
Damany S J 40926
Damasio E 14366
Damast B 31376
D'Amato C J 11746
D'Amato M R 50499
Dambeck H U 38908
Dambly R 46556
Dambowy G 42928
43318
49071
Dambrin L 10405
D'Ambrosio G 19194
43264
D'Amelio F E 31031
Dameno E 9738
43927
Dameno R D 9690
Dameron T B Jr 50378

Dameshek W 227 12271 13876 31333 46500
Damian E 31124
Damiani R 25563
D'Amico G 15632 31431
D'Amico M 21010
Damiean-Gillet M 33137
Damm H C 31439
Dammann G 25263
Dammann J F Jr 18126
Dammin G J 12358 24328 46959 47573 48055
Damminger R 46268
Damon A 719
Damon E B 17398
D'Amore A 31710 31712 53807 53829
D'Amore D 31711
Dampeer T K Jr 17642
Damsker M 6591
Damville G 26358
Dan K 16958
Dán S 3429 51190
Danan M 53397
Danaraj T J 6483
Dance C Jr 12972
Dančević Č 45902
Dancewicz A M 23582 23585
Dancheva K I 45315
Dancis J 4869 37735
Dănciulescu I 6596 47471
D'Ancona S 26597
Dancot H 13077
Dancu J 34059
Dandliker W B 47958
D'Andrea S 54258
Dane D S 14290 14291
Danell G 32985
Daneo P 43465
Daneo V 31774 42667 44378
Danes J 51139
Daneš L 14797 26565 38154
Danese A 6279
Danesino V 37392
Danetskaia O L 33324 33325 39578
Danev N 32821
Danforth D N 52823
Danford H G 31471
Danforth W H 12363 17047 25985 36325 46866
Dang H T 41536
Danga F 4710
D'Angelo S A 13271 17234 49246
Danhof I E 45378
Daniakhii M A 46810
Daniel A I 17932
Daniel B N 48454
Daniel C 27728
Daniel E E 2548 48454 48484
Dániel F 6337 35947
Daniel J M 22729 45917
Daniel P 47386
Daniel R A Jr 5881
Daniel W 22845
Daniel W W 48543
Daniel-Mousard H 26763 47740
Daniel'bek D A 18195
Danielćzyk W 35261
Danielewicz J 7810
Danieli G 16031
Daniell H W 37226
Daniells J F 3769
Daniels E W 17274
Daniels R A 1150
Daniels R G 19139
Daniels R S 5463 53624
Daniels T 40371
Daniels-Bosman M S 25149
Danielson E 16819
Danielsson H 311
Danilin V A 9889
Daniliuk I G 18237 22542 45233
Danilov E N 45663
Danilov I V 23263 49530
Danilova V A 7909
Danilović M 10924
Danilović S 9962
Danilovic V 38773
Danis A 3123 9005 11855 23664 23665
Danis F 43974
Danishevskii G M 33455
Danishevskii S L 33327
Danjou R 15198
Dankoff M H 20152
Danley D A 47562
Dann G E 10149
Dann H A 1155
Dann M 43489
Dann S 16521
Dannenberg A M 23516
Dannenberg A M Jr 12469
Dannenberg E 9670
Dannenberg H 15433
Dannenberg M 12 11583
Danoff S 33054
Danon S M 39592
Danon-Boileau H 15660
Danopulo D 22364
Danov L 28738 41589
Danovich B Z 45146
Danowski T S 24431 28132
Danrigal A 43758
Dansker V L 1756
Danthine R 35356
Danto J L 41002
D'Antona N 3588 53689
D'Antuono G 3592 13935
Dany A 19776
Dany H 36642 39485
Danysz A 30382
Danz J N 13489
Danzer W 55081
D'Anzi M 54205
Danziger L 3386 26997
Danzker M 53737
Dao C 2867
Dao L 8948
Daoud K A 24706
el-Darawy Z 1477
Darbinian T M 3410 18246
Darbon A 14367
Darby W J 12352 24372 28169 41229
Darcet 28372
D'Archagelo P 36805
Darchen R 48796
Darcissac M 40976
Darcourt G 9133 29188 31062 51469
Dardanoni L 13927
Dardari M 8554
Dardarian L 4092 4109
Dardenne G 11863 12986
Dardenne U 46843
Dardik F G 46811
Da Re P 3546 3547
Dargallo Reventós J 8868 21131
Dargent 51880
Dargent M 9645
Dargent M 22172 51883
Dargeon H W 7423
Darget 2008
Dario R 24944
Dark J F 51343
Darke C S 17898 54923
Darkshevich V N 25920
Darley F L 5850
Darley W 40041 50815
Darling C E 3922
Darling H 30142
Darling H F 15561
Darling R C 7872
Darlington C D 55071
Darmady E M 18404 18405
Darnaud C 54472
Darnborough J 26147
Darnell J E Jr 22606 22607
Darner C B 5276
Darnis F 32021 43967 43979 44626 45031 54468
Daróczi G 23204 37756
Daróczy J 11417
Daron P B 11804
Darpõ B 32837
Darras J C 50560
Darrasse H 47416
Darroch F 44287
Darrow D C 52995
Darski J 33722
Dart D 34902
Darte J 37994
Darter R W 17503
Dartnall H J 2105
Da Rugna D 43824
Darvill F T Jr 3779 13333
Dary M 18001 41371
Das A K 16319
Das B 16305
Das B K 7616
Das D 5161
Das J P 5037
Das N 40919
Das N K 48697
Das P 5155
Das R P 35097
Das S K 17437
Dascomb H E 23399
Daseler E H 54753
Dasent L E 22719
Das Gupta 5177
Das Gupta A 17444
Dasgupta B 30370
Dasgupta K 5264 12212 35799
Dashniam P 3563
Da Silva M M 4443
Daskalov A 32801 30373
Dasler W 20744
Daston P G 17191 40728
Date J W 32214 32215 44907
Datta H 50609
Datta J 13391
Datta L E 50108
D'Attilio E 19195 19196
Daubert K 6679
Daubinet G 54062
Dauchy S 37840
Daudel P 48789
Daudel R 26453
Dauer C C 8435 8448
Dauff L 51945
Daugherty G W 31476
Daughtry D C 35893
Daum S 38126 38205
Daume E 23634
Daumet P 28365 28376
Daumézon G 36129 47446
Daunas J A 8822
Dauncey T M 48157
Daure P 9066
Dauri A 42482
Daurova T T 49220
Daus A T Jr 31322
Dausset J 3129 10957 10960 10966 11927 11929 11932 44604 54303
Daussy H 990 991
D'Autilia A 9346 21470
Dautrebande L 13444 13445 13446 40691 55898
Dautrevaux M 3087
Dauverchain J C 21389
Dauzier L 38684 40822
Da Vanzo J P 2675 31304 39204
Davčev P 51715
Dave P J 4173
Davenport F M 1159
Davenport H T 14045 37961
Davey D G 897 14122
Davey T F 18509 51364
Davey W N 32481 39439
David D 42073
David G 21752 37235
David H 28003 33533 36418 55619 55661
David H V 14473
David J C 40653
David M 3499 3699 36630 41627 41633 43117 44752
Dávid M A 3431
David P 14663 30477 33412
David S 37114
David-Chausse F 5327 5329
David-Chausse J 5329 17651 17657 41124
Davidenkov S N 46352
Davidou P 31915
Davidovich N Ia 51218
Davids A 16493 17132
Davidsen H G 11887
Davidsohn I 4143 55340
Davidson (Mme) 9663
Davidson A M 2625 14676
Davidson A S 17634
Davidson C S 522 12348 17056 17571 20771 43129 43130
Davidson D 26504
Davidson D A 30660
Davidson D G 50452
Davidson E 4887 35874 38014
Davidson E W 16687
Davidson G 7189 19505
Davidson G M 8380
Davidson H A 5374 12611 46907
Davidson J 48546
Davidson J D 28969 39457 41042
Davidson J H 16513
Davidson J N 1379 1647 1679 7244
Davidson J S 18398
Davidson K S 16488
Davidson L A 14037
Davidson N W 1798
Davidson O W 44387
Davidson S 6173 6174 28349 31591 50555
Davidson W M 2063

Davidson W M 29846 48459
Davidsson D 25870
Davies A 2188
Davies A M 50057
Davies B N 5787
Davies D A 37082
Davies D F 38614
Davies D H 40297 51159
Davies D R 19600 35560
Davies D W 48285
Davies F G 25008
Davies G B 26070
Davies G E 19469
Davies G H 10131
Davies H E 39729
Davies H G 3762
Davies J B 5134
Davies J I 47280
Davies J R 51015
Davies J W 15060 42984
Davies M 3969 52353
Davies M R 6131
Davies P 48142
Davies R E 19491
Davies S 41811
Davies T A L 6484
D'Avignon M 32863
Davila C 9074
Dávila J B 13887
Davila J C 484
Davin A 2423
Davini A 42719
Davis 2063
Davis A 26132
Davis A D 5592
Davis A K 8520 8534
Davis A L 33056
Davis B 48569
Davis B D 47716
Davis B R 2567
Davis C Jr 22025 50369
Davis C G 13560
Davis C L 32342
Davis D 24710 35896
Davis D A 937 17677 45923
Davis D E 12759 31371 53668
Davis D L 5151
Davis D R 12311 37585
Davis E 803 12315
Davis E R 455 456
Davis E V 1300
Davis F E 1562
Davis F G 42835
Davis F J 23338 27812
Davis F W Jr 35643
Davis G 7008
Davis G D 30123 30133 38570
Davis G H 40835
Davis H 12527 13287 33031 43501
Davis H C 28601
Davis H D 12361
Davis J 43490
Davis J B 859 19715 54533
Davis J C 5681 17890 17901 51016
Davis J D 4944
Davis J E 19961 31447
Davis J M 1218 6749 26578 31274 52437
Davis J O 40695 47126
Davis J R 2695 38078
Davis J S 20757 35883 43128
Davis K 22741
Davis K S 29769
Davis L 5527 37801
Davis L J 20567
Davis L L 20082
Davis M 14121
Davis M B 17666 50804
Davis M E 2997 12412 13201 49170 49498
Davis M G 40344
Davis M J 23362
Davis N 29927
Davis N B 28160
Davis N C 42092 42098 50451
Davis O F 15948
Davis P 571
Davis P C 10986
Davis P L 18793
Davis P R 37733 50302
Davis R 19501
Davis R A 10073 31581 48178
Davis R B 474
Davis R E 47624
Davis R T 4939 5115
Davis R V 16713
Davis R W 40418
Davis S S Jr 7633
Davis T 971
Davis T P 47590
Davis T R 46360
Davis W A 35878
Davis W C 5870
Davis W D 40701
Davis W S 21511
Davison A N 13396 14626 20346 41211 41799
Davison F W 6219
Davison H M 5340
Davison K 13301 30920
Davison M H A 25988 31266
Davison S 6208
Davison W C 8517 19968
Davisson J W 28215
Davitt W E 14147
Davitti L 6849
Davitz J 31550
Davoli E 15043
Davolos D D 24337
Davoodzadeh N 43163 52830
Davost P H 31995
Davydova N N 18232
Davydova V F 45161
Davydovskii I V 33476
Davys R 4326
Dawber T R 36251
Dawe C J 17782
Dawes B 19607 19629
Dawes E A 37091
Dawes G S 51107 55070
Dawes R K 5217
Dawidowska I 31533
Dawkins M J 19558 51037
Dawson A M 38616 52363
Dawson A R 32534
Dawson B H 2021
Dawson H 41817
Dawson H A 4643
Dawson J 37611
Dawson J G 19076
Dawson J P 25924
Dawson J W 4841
Dawson R M 20364 29804 37056
Dawson R M 53694
Dawson W M 41176
Dax E C 42107
Day E 11589 24136 24151 24199 46729 48410
Day H J 12312 35736
Day J C 41450
Day M 48567
Day M E 12623
Day M J 37612
Day N K 44965
Day P L 4765
Dayan E 14256
Dayton N A 608 27090
Dayton P 19667
D'Costa T B 2114
De K 50981
De M L 19613
De S K 5164
De S N 10471
Deabler H L 41356
Deadrick R E 40690
Deák E 14817
Deák P 29168
Deal C P 47138
De Albertis P 29609
Dealey J B Jr 47573
De Ali J 44395
De Ali J A 27229 43887 43919
De Allende I L 3114 8994 43293
De Almeida D F 50918
De Almeida Franco L T 52427
De Alvarez R R 4506 20922 40260 46999
De Ambrosi C 19239 19240 19241 19242 29605
Deamer W C 13554
DeAmesti F 13278
De Amicis E 13496
Dean D C 12275
Dean M L 50691
Dean N M 41464
Dean R F 4225 51048
De Andino A M Jr 1792 37247
Deane H W 15704
Deanesly R 7137
De Antoni E G 3629
De Antoni O A 43925
Dear E 19648
De Argumosa J A 18860 29375 51661
Dearing W H 4456
Dearing W P 40323
DeArmon I A Jr 34863
Dearnaley E J 17337 26082
De Arzua Zulaica E 8805
Deatherage B H 12527
Deatherage F E 1308 20745
Deaton W R Jr 15555 19965
Deavers S 12494 12495
De B.De Biagi A M 18851
De Backer D 16200
De Baets P 54315
Debaille R 24269
Debain J J 1010 1018 13065 36150
De Bakey M E 1233 2431 2437 4511 5895 11803 19798 22032 31444 35920 35923 35936 46514 49866
De Barbieri A 37359 37360 49417
De Bast A 14331
De Bastiani G 26591
Debatin F 39909
Debeaumont A 54883
DeBeer E J 75 17945
Debeljković N 27870
De Bellard E P 22022
De Bellevaux J N 36197
De Bellis E 27639
De Bellis N 31655
De Bello R 952
Debenedetti R 21253 37782
De Berardinis E 13137 49331 49332
Deberdt R 41439 46620
De Berman R G 1822
De Bernard E 9295
De Bernardi A 6919 42708 42711
De Bernardi E 44318
De Bernardis F 191 11824 23671 23675 46580
De Bersaques J 36617
De Bertolis G 31669
Debes A C 436 46872
Debes R R 43362
Debesse B 2482
Debeugny P 30463
Debey H J 50969
Debeyre N 35212
De Biase G 32149
De Biasi R 53588 53783
Debiasi S 44167
De Biasio B 3894
Debicki K 6985
Debijadi R 22641
De Bisschop G 29369
De Biasi A 32100 42640 51992
De Biasi R 54245
De Biasi S 19155
Deblock S 36172 53027
De Bodo R C 47120
De Boer J 35801
Debois J M 50363
De Bonis B 6779 19157 37533
Deborsu F L 19766
Debot P 41134
Debov S S 33570
Dębowska D 7819
Debray C 13019 26355 26901 31044 45539 54444
Debray J 54296 54305
Debray J M 31081
Debray M 2477 2479
Debray P 9238 25495 54074
Debray-Sachs M 24769
Debré R 3281 4220 24282 24970 30444 37762 54597
Debrot S 39824
De Brúne T L 3942
Debrunner H 21421 34271
De Brux J 53420 53435
Debry 21337
Debry G 9097 14428 21338 32194 37934 54007 54049 54052 54057 54058 54059
Debska W 19472
Debuch H 5483 27898
De Burgh P M 43000
Debus G 29711
De Busscher G 23713
De Busscher J 15807 15808 35057
De Caligaris L C 44386
De Camillis L 38545
Decamp P T 27264 46511
De Caprio P 20212 43478 43479
De Cardenas A 13550
De Cárdenas y Pastor J 46681
Décarie L 45543

Décarie R 22455
De Carie D W 22736
DeCarli L M 20771
De Carlo M 1513 1981 36739 36740 36741 36742 36743 36748 36760
De Caro G 3847
De Caro L 28054 40183
De Caro L G 28062
De Caro M 31721
De Carrera R 8834
De Carvalho Azevedo A 23646
De Castro J 21020
De Castro Lorenzo J E 44505
Decaud J 15119
De Cecco C 37505 37507
De Cecco L 8461
De Cesaris Coromaldi L 1523
Dech H G 39538
Dechambe C 48877
Dechambre S 36637
DeCharms R 17135
Dechaume J 5333 18561
Dechaume M 20667 44784 53417
Déchêne E 18503
Dechene E B 16710
Déchêne J P 41921 45540
De Cherney H G 3186
De Chiara C 32316
De Cholnoky T 22031
De Cicco N 43478
De Cilia F 9391
Deck F W 53734
Decken A von der 3515 39283
Decker A 38567
Decker C F 35 36
Decker G C 20011
Decker H M 25158
Decker K 12954 39223
Decker L E 35
Decker R 7524 17995 36667
Deckert T 10609 22405 43241
Deckert W 27907
De Clercq F 35500 35510
Decoppet P 6944
DeCosse J J 23339
Decosse M 2424
DeCosta E J 12427
De Coster A 11974 24123
Decoulx 29131
Decoulx P 18528 31891
De Courcy S J Jr 2710
Decourt J 8694 15101 32375 32376 32377 37787 43951
Décourt L V 436 46872
Decrausaz H 30983
De Cristofaro P 42675
Decroix G 1012 21375
Decsi L 13745 26891 43010
Deddish M R 48411
De Deken R H 27409
Dederer Iu M 18212
Dederich R 19408
De Diaz L S 42185
Dedichen J 25843
De Dimoni G 24927
Dediu S 9459
Dedmon R E 40316
Dedola G 14021 14023
De Dominicis R 9940 51611
Dedonder R 26301 26302
De Donker K 37039
De Duhau A M 21774 21775 21783
De Duhau A M (Sra) 32440 32441
Deduit Y 3110
De Durau A M 21782
Dedusenko A I 55802
De Duve C 2295
el-Deeb A A 28318
Deeb E N 16724
DeEds F 40243 44125 50156
Deem A W 12734
Deem H 52689
Deenstra H 7343 29973
Deere H 53060
Deering D 40268
Deering R A 10860
Dees J E 55034
Deeva M M 53037
De Falco J C 53356
De Fante L 37316
Defares J G 4653 52523
De Favelukes S L 8978 8983
De Fazio E 44343 53779
De Felice E A 13463
De Felice F 37403
De Felip G 16016 31705 31706 31727
Defendi V 19707 28527
DeFeo C P Jr 46380
De Feo G 30685 43477 54263
De Feo V J 47110
De Ferrari G 9334
Deffner-Kalós L 45337
Deffrenne P 41387
Defilippi Nova C A 168
Defilippo R A 46733
De Fiori T 42770 42780 52932
Defoort R 35530
De Forest G K 13626
Defrance 16525
Defrance G 26965
De Francesco G 13517
De Franco V J 1285
Defries R D 2589 14637 26414 48479
De Gaetani G Jr 27360
De Gaetani G F 52047
Dégano I 8686 8687
De Garbarino M F 21234
De Geeter L 54224
Degels L 23902
Degen C E 18915
Degenhardt K H 34209
De Gennaro F 29622
De Gennaro G 1111 13136 13138 27649 36216 39365
Degenne S 25471
De George F V 546 35726
De Giorgi E 42486 52087
De Giorgi L 52031
De Girolamo A 25644 37526
Degkwitz E 25887
Degli Esposti A 2968 42733
Deglmann H 18919
Degnan E J 43362
Degos R 2377 2379 2380 2381 8372 37854 37855 37856 37860 37869
Degoy A 17663
De Gregori M 7754
De Gregorio P 16013 16014
Degrell I 48348 51433
De Grinberg R V 21235
DeGroat A 5398
De Groodt M 7761 9500 19626
De Groot J 46591
De Groot L J 8132
De Groote J 23715
Degrossi O J 8693
De Grouchy J 9015
De Gubareff T 17942 54413
De Guerrero L M 21171
De Haan Q C 7602
De Haene R 21578
Dehn G 19002
Dehne E 45560
Dehority B A 25407
Dehouve A 41391
Deibel R 3260 52167
Deibel R H 1304
Deibert K R 31638
Deicher H R 40816
Deichmann W B 11596 13738 23380 40109 46888
Deimel H 3748
Deinhardt F 5014 5015 5016 11641
Deinhardt H 6016
Deinse F van 7763
Deinse J B van 20540 52497
Deitcher K A 30156
Deitz G W 14978
De Jaco M 37531
Dejanov I 32608
De Jarast S G 21236
Dejardin J 35491
Dejdar R 1317 49124
Dejean C 7061 7062 7063 7064 7065 7067 7068 7069 7070 7071 7073 7074 7075 14505 54117 54118 54119 54120
de Jesus G A 8015
Dejmal V 14769
Dejoie A 26275
DeJong D 51559
DeJong R N 5271 5272
De Jong U J 15834
Dejouany J P 4785
Dejours P 21281 48835
Dek A K 5160
Deka Z 38453
Dekaban A 5501 7393 24457 46460
Dekaris M 18522
DeKay H G 4556
Dekker C 49361
Dekker C A 47701
Dekker C J 34830
Dekker G 38823
Dekker T 29849
Dekkers H J 43070 52491
Dekking F 10521
De Kleine E H 5587
De Kock G 9777
De Kock L L 46545
DeKock P C 13734 13735
De Kornfeld T 28288
De Kornfeld T J 17949
De Kretser A J 22329
Delaage M 53416
De la Balze F A 8722 29343 44387
De La Barrera J M 15510
Delabroise A 13476
Delacrétaz J 20603
De la Cruz C 7986
De la Cruz M 31844
De la Cruz M V 30409 35625
De la Dorie M F 36675
De Laet M 14327 48360
De la Figuera E 2946
De la Fuente F 22267 22269
De la Fuente G 13799
De la Fuente L 8913
De La Fuye 37769
Delage 29238
Delage B 47415
Delage J 10027 13015
Delage R 6362
Delagrange A 6406
De Laguna W 23332 23333 27818
Delahaye 29145
Delahaye J P 29141 51400
De la Higuera J 53917
De la Hoz J 31841
Delahunt C S 13342
Delaitre R 25481
DeLalla O 50421
DeLalla O F 40675 46376
Delaloye B 21262
Delaloye J 27026
De Lamana I L 21247
De La Maza V 21101
De La Maza Santander V 21097
De Lambert R M 47229
De Lamerens S 21127
De Lamirande G 2701
De Landsheere B C 36578
Delandtsheer J M 35411
Delaney D W 48785
Delaney J E 35842
Delaney W E III 41262
De Langlade E 42768
Delank H W 25391
De Lanne R 181
Delannoy E 8241
Delanoe G 6363 18613 42012
De La Peña A 880 9733 29362 29387 33440 41468 43961
De La Peña C 36530
De la Pena Regidor B 39758
De la Peña Regidor P 2956 8870
Delaroche Y 7508 26234
De La Rochefordière G 7508
Delaroff V 28609 36182
De Larrechea I 32418 32419
Delarue J 29210 32034
Delarue N C 37995
Delarue R 54086
Delas A 14434
Delas R 26707 26951
De la Torre J A 1817
De La Torre R 8816
Delatte E 9503
Delatte L C 28673
DeLaughter G D Jr 4518
Delaunay A 1466 3040 9160 21383 36080 44617 44631 47356 53410 53443 53991
Delaunois A L 13445 13446 13448
Delaunois B 11986
Delaunoy A 11991
Delaunoy R 2299
De Laurentiis G 9399 9404 21480 54250
Delaveau P 1052
Delavierre P 28361 36662
De La Villa L 8806
De la Villa Rodríguez L 299 300
Delaville G 24776
Delaville J 24905
DeLawrence T 3921

Delay J 985 993 2657 27339 27345 36121 36122 38640 47453 53368 53400
Delbarre F 21393
Delbeke M J 23931
Del Boca R 51964 51974
Delbrouck J 1073
Delbue C 27213
Del Buono G 8357 31661
Del Buono M 11299
Delcambe L 26777
Del Campo A 54237
Del Campo E 21192
Del Campo F 25940
Del Campo Jesús L 2955
Del Cañizo C 8874
Del Cañizo Suarez C 31831
Del Carlo-Giannini G 32477
Del Carmen Adalid M 8806
Del Castillo E B 29345
Del Castillo L M 5105 50575
Delchef J 35275
Delcourte F 47388 47389
Delecour M 26230 27721
Delègue L 7387
Delehanty D D 4625
Delehanty E J 46935
Deleixhe A 31949
DeLeon A D 16511
DeLeon C A 50896
DeLeon C O 5447
De Leon G M 50238
Delépaut J 8997
Delépine M 37774
Delev N 28759
De Ley J 47974
Delfosse 179
Delfosse J 178
Del Frade I S 50729
Delga J 26851 26905 36562 37865
Delgado A 31873
Delgado E R 48782
Delgado J L 1816 37259
Delgado J M 52577
Delgado R 30991
Delgado Cornejo C 25659
Delgado Serrano R 38532
Del Gatto L 23343
Del Guercio L R 54741
De Lhery G P 23307 23308
Deligné P 12982
De Lille P 193
De Lillo F 36206 36209
Delinotte P 31090
Delitala F 29676
Delius L 10297 38966
Delkeskamp A 49102
Dell J M Jr 21855
Dell M B 54098
Della Bella D 37462
Della Casa R 9289 21424 52126 54201
Dellacha J M 44117
Della Corte M 27626 39681 44333 53769 54214
Dell'Acqua F 37459 37460 37461 37462
Dell'Adami G 25693
Dellaert R 24096
Della Maggiore U 29736
DellaMonica E S 1350
Della Porta P 27437 49574
Dell'Aquila A 13937
Della Santa M 29701 54219
Dellenback R 47131
Dellenback R J 47134
Dellepiane G 6896 8467 20908 24143 52016
Dellestable 9110
Delli Veneri F 1539
Dellmann H D 34225
Dell'Omodarme G 36225
Delluva A M 19491
Delmarcelle Y 48401
Delmas 24251
Delmas-Marsalet P 37781 48878 54122
Del Mazo C 20632
Del Missier P A 43168
Delmon G 3082 17656 26825 41373
Delmonico J E Jr 35640
Delmonte L 47998
Delmotte A 32191 32918
Delmotte-Plaquée J 28605
Del Negro O 9714
Del Nero E Jr 44471
Delnon I 54869
Deloff L 16045
Delom 18634 20519
Delom P 51370
Delon J 6393 46857
Delone N L 47990
DeLong D C 17814
Delons E 5317 41374
Delons P 5317
Delore P 31050 50789
DeLorenzo W F 31422
Delorme 2391 2407 2408 41948 41949
Delorme G 5324 5326 5330 41110 41378 41379 41380
Delorme M L 44626
Delort J 2380 37855 37860
Delost H 40858
Delost P 3064 26790 26807 48857 48858
Deloyers L 1449
Delp M 10436 18791 50678
Delphaut J 37832
Delphin D 30456
Delpla M 41368
Delporte T 35524
Delprat C H 52537
Del Razo M 27527
Delrieux A 14393
Del Río G 1546
Delrío J M 13912 25956 27224
Del Río Hortega P 25657
Delsal J L 11946 26327 26328 37848
Del Sel J M 50403
Delta B G 26426
Delteil 41993 47454
Delthil S 21351
Deltombe J 11840
DelToro R A 40312
Deltoro López A 18843
De Luca A 20630
Deluca C 13787
De Luca F 3863 3882 39350
De Luca L 15894
De Luca M L 1924 37488
De Luca P 15888 15890
DeLuccia V C 17511
De Lustig E S 8977
De Lutio O 9292 25608
Del'va V A 46344
Del Valle F J 33011
Del Valle M 47831
Del Vecchio G 36229
Del Vecchio V 21008
Delville J P 1085
Delvoye 42441
Delvoye P 54158
Delwiche C C 50333
Delzanno G B 42723
Delzant G (Mme) 2481
DeMaar E W 5747
De Maestri C 2005
Demaeyer E M 1074 5549 36184
De Maeyer-Cleempoel S 25396
Demain A L 25164
Demanet J C 39893 41936 54324 54325
Demanet L 46766
Démant F 38254
De Maria B 1112 1120 27470
De Marneffe R 35281
De Martini R 25572
Demarty R 8244 14366
Demassieux 7509
De Matteis A 6245
De Matteis F 39503 42703 43625
De Mattia R 42701 52021
De Maurizi M 25526 47817
Dember W N 31552 37983
Dembo A G 18285
De Meillon B 24694 32509
Demel J 9445
Demelenne A 11860 40956
Demelenne E 1332
DeMello E R 4194
Dement'eva N G 7915
Dement'eva N M 33203 33245 33246 33261
Demény P 12199 52911
DeMere M 5205
DeMeritt M G 46495
Demers F X 10673
Demers P P 14045
Demeter A 28796
Demetrakopoulos N 8480
Demetrakopoulos N J 8475
Demetresco 46762
Demetresco E 53094
Demetresco L 26493
Demetresco M 28675
Demetriou J A 19556
Demetz A 23675
De Meulemeester F 13684
De Meulemeester J 11863
Demeulenaere L 214 1626 23717 35146
DeMeutter R C 31288
De Michele A 27625
De Micheli A 46724
De Micheli E 3723
Demick P E 633
Demidiuk A A 1769
Demidova P V 34691
Demin E P 51742
Demin R I 10891
Demina T N 46825
Deminatti M 26936
Deming C L 55022
Deming E C 19293
Deming J W 5299
Demirhindi O 36424 45452
Demiroğlu C 45444
De Mitri T 37463
Demjén Š 23653
Demling L 42325 45386 49305
Demole M 21347 27534 27540 41931
Demole M J 30971
Demole V 27843
Demongeot C 3067
Demont G 36516
Demonte A J 16288
Demopoulos R 47556
De Moragas J 21141
De Moragas J M 341
De Moreno J C 13430
De Moro E R 43896
Demos J 38520 38646
DeMoss E V 10145
Dempsey E F 30139
Dempsey H 31301
Dempster W J 6250
Dempster W T 16834
Demuth H 6699
De Muylder C 11862
DeMyer W 52578
Denard Y 54472
Denard-Toulet A 36052
DeNardi J M 46400
DeNatale A 46903
De Navasques S 39721
De Nayer 179
De Nayer P 182
Denber H C 765 12600 24621 24629 53612
Denck H 6052
Denck H 22846 51238
Dencker F 10647 46611
Dencker S J 24007 24088
Denecke H J 11258 27744
Denecke K 25229
De Negri M 32147
Denenberg V H 4942
Dénes J 41610
Dénes Z 15468
Denev B 41588
Den'gina A F 45183
Dengler H 18321 19387 29903
Denham J 50850
Denham M 53654
Denham S W 7638 12391
Denhaut G 41142
De Nicola P 1918 1941 8590 9599 22227 27757 32105 39761
De Nicolai E 25565 42800
Denie J J 14965
Denier van der Gon J J 30652
Deniker P 993 2657 47453
Denikiewicz W 6870
DeNiord R Jr 45811
DeNiord R N 55273
De Niord R N Jr 22583
Denis B 43986 53393
Denis H 4988
Denis J 2314
Denis M 10674
Denischi A 35280
Denisenko L K 11495
Denisoff N 36193
Denison A B Jr 2924
Denison M E 12532
Denk W 22786 41711 45941
Denkewalter F 27551
Denkewalter F R 154 25059 47255
Denley K C 8541
Denman F R 4013
Denmark H A 21694
Den'mukhamedov S R 10730
Denneberg T 11968
Dennell R 44031
Denner H O 3311
Dennes E 6127
Dennhardt H 55440
Dennig H 15455
Denning C R 7872

Denning R M 13274
36271
Denninger K 52219
Dennis C 13315
Dennis E 13185
Dennis E J 12382
18088
51151
Dennis J B 16985
Dennis J L 14540
Dennis S M 52418
Dennis W 17166
Denny F W Jr 555
40814
40815
Denny J C 11100
Denny-Brown D 15754
Denoix P F 8232
37803
46730
Denolin H 176
11974
23648
24123
Denolin-Reubens R 28231
53995
Denson J S 16614
Denson K W 2072
4895
Denst J 46493
48136
Denstedt O F 14608 14610 14611 14612 14617 26411 48448
Denston T C 14311
Dent J N 49279
Dent S J 54538
Dentice di Accadia F 52411
Denton C 24338
Denton D A 28620
Denton E J 53496
Denton G D 37977
Denton R L 38040
De Nunno R 40981
De Nunno R Jr 42517
De Nunno T 29562 29588 42493 42541 43978 51979
Denys P 25488
30458
De Nyse D L 9263
Denzel H A 3192
De Ocampo G 7987
Deodati 1470
Deodato M 54210
Deodhar A D 41261
Deodhar S D 4210
27997
Deol M S 40784
De Oliveira H L 4369
DeOme K B 38089
De Oya J C 8817 31817 44484 44493 53901
De Pablo J 8914
De Palma A T 35926
De Palma G 6900
DePalma J J 17866
De Palma M 3883
24922
52018
DePalma N 4911
De Palo G 13502
Depaoli M 38858
DePape A J 48508
Deparis M 32050
53403
54441
DePasquale N 52
DePaul, Sister 16216
De Paula A 43918
Depaulis 2015
Depaulis J 17650
53444
De Paz Garnelo J A 296
12012
23986
46673
De Pedrini P 3851 20818 44326 44370 39353
De Peretti E 30470
De Pergola E 3847
DePeyster F A 22100
Depieds J 26691
Depieds R 2402
41940
51512
Depierreux 35493
De Pierris C A 8205
Depner H O 39171
Depocas F 48458
48468
De Poli A 13493
De Ponti L 16033
Deporte A 13019
31044
De Potter E 55345
Depoux R 13034
13035
Depraitere R 24100
Deptula S 24064
DeQuevedo N G 10994
De Ribago G 44480
De Ribago P 44480
De Ribago-González P 6807
Derache R 7766
De Racker G T 21239
Deraemaeker R 23721
Derankova E B 12154
Derbes V J 28020
Derbyshire J B 17111
Derdemesis V 23010
Derechinskaia Sh L 51201
53041
De Renzi E 32146
De Renzo E C 39190
Dereux J 9144
Derevianko I M 55160
Dereymaeker A 259 35234 35242 35243 35244 35251
De Reynier J P 53252
Derham R J 48167
Deriabina V L 32577
Deriugina E P 19131
Derizhan A 28723
Derkach V N 36363
Derks M 47979
Derks P 50513
Derksen W L 23307
23308
Derman G L 25726
Dermenghem M 7054
Dermksian G 16597
16642
23285
24339
Dern P L 2886
Dernovskaia-Zelentosova G L 10939
Derobert L 47431
De Robertis E 15699
16962
16966
40587
Derom E 35057
Derom F 7761
19626
47913
Derom F E 13449
Derome G 2323
11894
36072
De Roo M 50363
Deroover J 1075
De Rosa C 1105
1109
De Rosa F 21430
De Rosa G 51972
De Rosa R 27458
Derot M 15208
54442
De Rouck A 24882
Derra E 29039
38954
Derrick J R 22047
D'Errico G 21418
Derrien Y 26691
38747
38748
Derriks R 35504
53237
Derryberry M 20887
53666
Dersch W H 3654
De Rubertis C 42536
De Rudder P 35356
De Ruggieri P 48122
Derusowa E 30812
Derviz G V 55303
DeSa J 4180
Desaga H 19399
Desai S C 49642
Desaive P 23667
26198
48366
De Sala P 8849
DeSalva S J 44106
De Salvia P 53684
De Sanctis G 13923
De Santis C 37347
De Santis U 1868 1869 1870 44174 52048
Desanto D A 16983
34974
De Sario G S 42658
De Sario P N 42577
Desarménien H 30617
Desaulles P A 2373
Desautels R E 55030
Desbaillets P 9535
39824
Desbaumes P 42831
Desbordes J 10219
21305
22148
Desbordes L A 35763
Desbrosses J 53391
Desbuquois G 44989
De Schaepdryver A F 36601
47743
Deschiens R 37783
Deschreider A R 7230
De Schryver A 36075
Desclin L 2296
36074
Descombey J P 14389
Descotes 42450
Descotes J 5338
10540
42433
51366
Descottes 47424
Descuns 421
Descuns P 19773
24250
24258
32006
Desenfans G 54224
Desenne J J 29319
De Serres F J 19709
Desert R 15961
De Seze S 8795
31763
Desforges J 522
DesForges J A 4580
Desforges J F 25924
Desgeorges H 31959
Desgrez H 21358
21363
Desgrez P 45022
Deshaies G 47439
Deshayes P 49643
54178
Deshmukh M D 4195
Deshmukh P L 40097
50617
D'Eshougues J R 53431
Deshpande G N 17040
28988
Deshpande M M 47672
Deshpande S M 4557
Deshusses J 42831
Désí I 3474
15721
29177
Desiatov M M 41500
Desiatskova R G 33657
Desiderio V C 53060
Desimone J L 32440
De Simoni G 8361
24921
24928
Desjacques P 51375
Desjardins E 10661
33418
55128
Deslandes N 12908
Deslauriers G 45544
Desliens L 9178
Deslous-Paoli P 21415
24100
50355
DesMarais A 14613
Desmarez J J 3124 15156 26199 26837 48925
Desmedt J E 15149
15150
44149
52298
Desmet F 23648
Desmet V 10343
13689
Desmons F 37875
37876
Desmonts T 19353
Desneux J J 35148
36655
Desnuelle P 13837
47941
Desolgnies 1336
35233
De Soldati L 8674
8681
15500
De Somer P 1086
1088
35242
41432
De Souza Lima L 37270
Despaux E 26859
Despeignes H 32061
Despierres G 18559
51403
Despons J 9071
31933
54018
Despotov V 28766
Despotović A 32610
Despres L M 622
Des Prez J D 24672
Desprez-Curely J P 20682
21365
39486
43982
DesRochers G C 44084
Desruelles J 29134
36689
Dessau F I 17939
Dessaux G 3097
Dessertenne F 39473
Dessi P 42753
Dessin U 19446
Destaing F 53023
Dé Stefani G 30342
De Stefano F 37148
37149
37150
DeStefano G A 30660
De Stevens G 49343
Destexhe G 35494
Destriau P 48943
Destunis G 15316
23083
34138
Desvallons Y 54031
Desvignes P 37874
De Takats G 11796
22004
53976
Deterling R A Jr 1230
14979
46517
Deterts U 11173
22924
Dethier V G 17330
De Tiège R 23715
De Tiège-Robinet S 51067
De Tisminesky E K (Sra) 31038
Detmold H G 25277
De Tommasis L 54227
De Toni G 16373
De Torregrosa M V 1793
Detrait J 48850
De Traverse P M 24100
Detre K D 9569
Detrie P 4823
Dettbarn W D 32335
Dettling J 9528
Dettmar H 11334
25599
Dettmer N 6081
Dettori A G 3844
3862
39653
39805
Dettori M 42763
Dettre G 10587
22177
De Tullio A 189
De Tullio P 13945
Deturmeny G 9034
Detwiler S R 12934
Deuchar E M 4967
40781
Deucher F 30972
Deuel H 35562
Deuel H J Jr 5558
Deuil R 54065
Deumier R 47467
Deuticke P 45978
Deutsch E 10331 10338 10357 11029 11922 22219 25839 46037 55597
Deutsch F 35398
Deutsch H F 1343
26476
Deutsch I 50627
Deutsch J A 52409
Deutsch K 5904
39285

Devadatta S 5162 40915
Devakul K 25070
De Valera E 28463
De Valois R L 50484
Devambez J 29133
DeVault M 12977
Devaux J P 37937
Devečerski M 32606
De Vega F. Crespo L 33010
De Vega F Crespo R 13540
De Venanzi F 24042
DeVenuto F 20727
De Vera L B 42833
Devereux G 31545
De Verteuil R L 26442
Devic M 6328
Devilla F 31925 31990
Devillers C 38714
Devin R 51448
De Vincentiis E 39685
De Vincentiis I 37309 42748
Devine J M 29788
Devine K D 36270
Devis D A 6440
De Vischi C S 3311
Devisme M 21311
De Visscher M 26203 46594
De Vita C 37368
De Vita P 9356
Devlin J F 11765
Devlin T M 40527
Devois A 17995 36667
Devolites M C 6436
Devor D 4682 32355
De Vos E 40868
De Vos G 41363
De Vos W 32700
Devoto A 8555 27620
Devreux S 48903
Devriendt A 23927 37765
De Vries A 50062 50064
De Vries E 15833
De Vries S I 55345
DeVries W H 36347
Dew E D 4896
Dew R 24496
Dewaele R 46557
DeWalt J L 33066 35816
Dewar D A 2144
Dewar H A 14037 14270
Dewart L 13016 35238
Dewberry M D 42023
DeWeese D D 8105 8108 30874
DeWeese J A 2435 13002 22013 25058
DeWeese M S 2433
Dewey M M 480
Dewey R R 17570
Dewey W C 11548
Dewez A 9512
Dewhirst J J 42143
Dewhurst C J 5577
Dewhurst J R 8432
De Wied D 196 31293
Dewig E 91
Dewitt C W 40450
Dewitt J 16647
De Witte F 50365
Dewlett H J 12812 12813
De Wolfe M S 36980
Dewolfe V G 16967 30927 54672
Dews P B 17685 49450
Dewsbery J P 17734
De Wulf A 11994
Dewyn J 32194
Dexter L 44787
Dexter M W 497 19141
Dey A 50609
Deykin D 38498
De Young L 54283
DeYoung V R 5706
Deyrieux F 6327 21757 36684 47753
Deys H P 7964
Deysson G 24904 26310 44156
Dézsi Z 36594
De Zuazo Aguirre M del R 29544
Dezza A 25605 25617
Dhage K R 4173
Dhar S K 28640
Dhatt M S 4167
D'Hauwer S 37038
Dhawan B N 40080
D'Heer H 35147
Dhem A 39246
Dhennin, Léone 38635
Dhennin, Louis 38635
Dhirawani M K 27996
Dhirwani M K 50003
Dhom G 37021
Dhupar H L 17432
Diablova P E 37210
D'iachenko M N 6648
Diachenko S S 29552
Diachenko V N 45226 51213
Diaconu A 27714
Diadichev N R 55798
Diadiusha G F 20199
Diakojiannis 19320
Diakov I 32808
D'iakov S I 55846
Diamant E 44120
Diamant H 35289 36595 52425
Diamant J 31786 38349
Diamant M 11735 35290
Diamant-Berger L 40957
Diamond A 1287
Diamond A L 28587
Diamond E L 33066
Diamond H D 7423 13240
Diamond I 7844
Diamond I T 40732
Diamond J L 51155
Diamond L K 1771 5704 7525 30124 42149
Diamond L S 24699
Diamond M T 47517
Diamond S 16863
Diamond S P 19788
Dianzani M U 3469 27554 36736
Dianzani Mor M A 32595
Dias E 39977 39993 55577
Dias N P 55577
Dias O 39976
Dias V M 16147
Dias Amado L O 26895
Diatkine R 15655 15660
Díaz A J 8168
Díaz L F 25942
Díaz S 31873
Díaz Cano B 31831
Díaz Cascon A 29348
Díaz Díaz R 1547
Díaz Infante A 3838
Díaz Marín J 18862 51669
Diaz Muñoz A 6606
Díaz Nájera A 8900 8901
Díaz Nogales J 53892 53925
Díaz Pérez R 44547
Diaz Pichardo V 49881
Díaz-Rubio M 8846 16116 39968 39971 44488 49879 53893
Díaz Vizzoni O 31004
Di Bacco G 13916
Di Biagio F 8651
Di Biasi A 30351
Dible J H 5611
Dibold E 12885
Dibold H 18934 22855
Di Carlo F C 9699 21220
Di Carlo R de Paglinis 9699
Dicenso S S 52470
Di Chiro G 35421
Dichter E 6433 15936
Dick A T 5613
Dick D A 53493
Dick E C 20568
Dick E T 19932
Dick G W 6126 14290 14291
Dick H L 440 441
Dick L A 36698
Dick M M 19861
Dick P 27029
Dick W 22871 33822 42267
Dick W W 37965
Dicke R J 5605
Dicke W K 39068
Dickel H A 19979
Dickens J 436 15550
Dicker S E 20622
Dickhaut H E 7379 49638
Dickie M M 31370
Dickinson E M 28193
Dickinson J 12323 24447
Dickinson W W 48970
Dickison H L 4565 25001
Dickman K W 53643
Dickman S R 13821
Dickmann G H 8185 43877
Dickson D R 35689
Dickson G 4403
Dickson I 48102
Dickson J C 9290
Dickson J F III 54694
Dienfalusy E 11902 17027 40667
Diddle A W 40804 7609
Diderholm H 23788 34431
Didier J 10406
Diding N 54793
Diding N Å 10151
DiDio S L 35650
Didisheim P 4863 7870 50737
Didon T 36124 36125
Didonna P 15786
Didzhionis A I 53046
Diebert K R 5348
Diebold 32207
Dieckhoff J 12065 19415 24307
Dieckman H 27151
Dieckmann B 25788
Dieckmann C 29482
Dieckmann G 15207
Dieckmann W J 45040
Diederichs A 47462 47463
Diedrichs A 6076
Diefenbach H 6689
Diefendorf R O 19981
Diehl C F 5848
Diehl H S 52147
Diehl H W 47705
Diehl J C 24178
Diehl K 25795
Diehr A 28944
Dieke W 23247
Diemath H E 19328
Diemer K 55634
Dien L T 16912
Diena B B 12814 37977
Diena F 26032
Dienes L 4711
Dienstbier E 38299
Dienstbier Z 19492
Diensti U 30052
Dienz H 29410
Diercks L M 29980
Dierick N A 46356
Dieroff H G 27739
Diessner W H 17561
Diestelhorst K H 19415
Dietel H 11448
Dietel K 19307 49144
Dietel V 38925 49144 51198
Dieter E 53084
Dieterich A 34244
Dieterle P 14494
Diethelm L 29063
Diether J 44221
Dietlein L 1160 31319
Dietrich F 374
Dietrich G 32663 45261
Dietrich H 35585 42882
Dietrich K F 34531 41748 55633
Dietrich L S 16924 38081
Dietrich W 34556
Dietrick R B 36328 45804
Dietschy H 24118
Dietschy N 24118
Diettert G A 12363 36325
Dietz A 11114
Dietz R 48689
Dietz W 10019 34163
Dietze G 38904
Dietzel K 25333
Dieuaide F R 33039
Dieudonné P 32063
Dieulouard J 31087
Díez F A 21778
Díez-Caballero Lasheras F 29351
Díez Lavín P 13535
Díez Martín C 8957
Díez Melchor F 51670
Diezel P B 51944
Di Ferrante N 31666
Diffenbaugh W G 12828
Di Filippo S 9332 30682
Di Fonzo M 27433
Di Gaeta S 8365 21429 47442 53583 53772
Digaud A 41334
Diggle J H 48338
Dighiero J C 4073 44543
Di Giacomo B E 26620 29730 42765
Digilio V 23759 23760 35159
Di Giorgio A M 37404 37406
Di Giovanni V 42689
Di Girolamo L 44326
Di Girolamo M 49588
Di Giulio T 15030
Di Giuseppe F 16029 29697
Di Gruttola G 20210
Di Guglielmo G 9589
Di Guglielmo L 3328 8545 9587 19398 27211 29658 31648
Dihlmann W 389 22956 27442
Dijck A J van 52550
Dijk E van 43039
Dijk M C van 7341
Dijkstra C 6566 29936 52490
Dijon H 9662
Dikovenko E A 51773
Dikshit S K 5172
Dikstein S 6753 51100 51101
Dikun P P 3822 33598 33599
Dilenge D 53399
Di Liberti C 31629
Diligenskaia L A 7915

Dill L V 3657
Dill W A 13341
Dillard R A 5353
Dille J M 50514
Dillemann G 13094
Dillenberg H 45785
Diller E R 20761
Diller L 13491
Diller W F 2245
Dillhoefer J R 646
Dillion J F 50796
Dillmann P 32876
Dillon D J 28585
Dillon J B 955
52581
Dillon J F 29770
Dillon R F 20077
Dillon T F 20092
Dilly M 26356
Dil'man V M 45220
Di Lollo F 32602
Di Lollo G C 48753
Dils R R 52348
Di Luzio N R 729
12511
Dilworth T IV 40760
Di Macco 21506
Di Macco G 52012
54203
54421
Di Marco A 6106
33377
DiMare S A 7424
Di Maria R 37921
Di Martino G 27627
27633
DiMascio A 3389
12588
Di Matteo G 23806
Di Matteo J 32035
Di Menna M 25135
Di Miceli A 27415
Dimick D F 13200
Di Milia A 13700
Dimitrijević M 39711
Dimitriu A V 9070
Dimitriu C C 6584
47745
Dimitriu C G 31139
Dimitriu D 41497
55703
Dimitriu M 31139
Dimitrov D 32804
Dimitrov D A 32825
Dimitrov I 28750
Dimitrov L 16409
16427
32811
Dimitrov M 41571
Dimitrov M K 32786
Dimitrov S 28713
28724
Dimitrova Ia 32794
32801
Dimitrova R 45307
Dimković D 23680
Dimmling T 13640
Di Modica G 49402
Dimond E G 6999 24334 28148 35629 50680
Dimopoullos G T 5146
46912
54838
Dimopulos A 17509
Dimow I 34512
Dimtza A 40958
Dina M A 47801
Di Natale L 37163
Dineen J K 25781
Dineen J P 54690
Dines D E 21517
Ding-Si L 43593
Dingle A N 4399
Dingle J H 554
555
Dingledine W S 17618
Dingman J F 6745
Dingman R O 5200
Dini S 1487
Dinitz S 41196
53620
Diniz C P 25421
Diniz O 13621
37274
Dinman B D 38
Dinnerstein A J 16239
Dinning J S 4765
54419
Di Nola F 13515
42701
Dinon L R 24429
Dinov S 32820
Dinsdale R C 36307
Dinsmoor J A 17100
Dinter Z 23162
25174
Dioguardi N 25631
37163
Diomede-Fresa V 9328
Dionesov S M 1752
Dionne P 55114
D'Iorio A 31885
Di Paco G F 49400
Di Palma J R 24763
Di Paola G 7587 7588 15499 20054 43895 44390
Di Paolo E 3857
3876
39652
47817
DiPaolo J 5220
DiPaolo J A 26475
38069
Di Pasquale A 49326
Di Perri T 1935 1936 1937 9276 26488 37434 37435
Di Piero G 8052
25573
44813
Di Pietro A 25955
Di Pietro S 20941
Dipietro-maria G 6830
Dipillo F 7466
Di Porto A 27471
Diquattro C 43626
DiRaimondo V C 29534
Dirat J 53236
Dirbas F 39143
Di Rienzo S 3319
Dirksen T 7283
Dirr K 49931
Di Salvo A F 4650
DiSalvo J W 6515
Di Sant'Agnese P A 7872
7874
27068
Dische S 4892
Dische Z 11686
47037
Discher C A 16692
Discombe G 11935
Dishkovich L 44924
Dishliev D 45280
Dishoeck H A van 12193
20538
30959
52512
Di Simone A 37374
37375
49599
Diskina B S 47979
Dispensa E 19236
Diss M 45009
Dissanaike A S 17375
Distefano G 44842
Di Stefano S 37342
37343
DiTata D 36908
Ditchburn R W 51168
Dítě B 39401
Ditfurth H von 6095
Ditmer J C 16906
Di Toro R 20217
20223
20230
Di Trapani G 3725
Ditsova A 32735
46310
Dittmann A T 40743
50092
Dittmar F 4032
6654
Dittrich H 11040
33838
Dittrich J 27327
38282
Dittrich J K 33910
36168
51198
Di Tullio F 25583
Di Tuosto A R 1102
Ditzler J W 36283
39927
Divakaran E R 12534
Dive C 215
Divekar M V 40092
Diveley W L 5881
Diven R H 12499
Diverneau G 34494
34495
Divert J 14517
Di Vittorio S 42667
44377
44380
Di Vittorio V 31720
Divry A 21317
31950
31953
Divry P 35252
Dix M R 44041
Dixit N S 37703
Dixon C F 39142
Dixon F J 11761
31356
Dixon F J Jr 46502
Dixon F W 13283
Dixon G D 2610
Dixon G H 1265
40493
40494
Dixon H G 17849
Dixon H H 19979
Dixon J 48210
Dixon J C 5120
Dixon J P 47209
Dixon K C 47091
Dixon M F 14249
Dixon R E 39157
Dixon T P 34952
Dixon W G 12047
Dixon W M 26125
Dixon F 54544
Djaczyszyn H 29519
Djaja M 21963
Djang A 48093
Djelali D 27840
Djian A 32026
53370
Djørup F 47923
Djojopranoto M 46476
Djordjević B 32605
Djordjević Ž 9958
Djordjević-Camba D 21945
Djourno A 15086
26735
26845
Djurisic M 38773
Djurišić S 6625
Dlhoš E 14813
Dluhoš M 9443
11352
Dluhošová O 11352
Dmitreva V I 32584
Dmitriev G I 45766
Dmitrieva I V 34694
Dmitrieva N M 3560
Dmitrieva N P 48021
Dmitrieva V S 27309
Dmitrik Ia D 18252
Dmochowski J 30382
Dmochowski L 13871
Dneprovskaia S V 46301
Doan C A 35736
Doane F W 14679
Doassans 5325
Dobberstein H 46256
Dobbing J 41211 41799
Dobbins J W 17823
Dobbs R H 13414
Dobek B 47390
Dobek M 47420
Dobell A R 2604
14654
Dober B 11134
Dobeský P 15465
Dóbiaś G 34087
46140
Dobiáš J 14865
Dobin Iu Ia 9874
Dobin N 31582
Dobkin A B 37959
47328
48162
Dobler F 43579
Dobner E 13384
Dobon J F 9674
Dobosy J F 2939
Doboszyńska B 42830
Doboszyński T 33814
Dobrescu C 31134
Dobrescu G 36145
Dobrev A 28707
Dobrev D 45293
Dobrev P S 45283
Dobrev Ts 41570
Dobrkovský M 48612
Dobrokhotov V N 13866
Dobrokhotova A I 51201
Dobrotvortsev V A 10896
32556
Dobrovits T 7689
29183
Dobrovolny C G 2450
Dobrovol'skaia E A 55799
Dobrovol'skaia V V 7909
Dobrowolski B 25463
53385
Dobrý E 48676
Dobrý J 14865
Dobrynina L I 34627
Dobrzańska A 33700
43652
53143
Dobrzanski T 53175
Dobrzhanskaia A K 53459
Dobrzyńska L 30070
30733
Dobson C H 40610
Dobson H L 6748
19850
27251
54532
Dobson R L 5218
17521
Doby J M 1043
Doby T 24016
33830
Dobzhansky T 13270
Dochev D 32767
Dock W 1178
51576
Dockerty M B 152 1217 6187 6976 10098 10135 12400 16855 38026
Dockum N L 35465
Docter A 11279
52303
Doctor D 665
Doctor H E 16304
Doctor V M 16927
36252
Dodd D C 52383
Dodd H 31261
53229
Dodd L P 5387
Dodd R B 5454
Dodds E J 41057
Dodds M E 50866
Dodds W A 37962
Dodelin R A 16584
Doder A 51700
Dodero M 1450
25569
Dodge B G 41189
Dodge E F 50172
Dodge F A 5790
Dodge H W Jr 43519
Dodge M 17555
46437
Dodge O G 17898
Dodge P R 53010
Dodgson K S 1649
1650
Dodin A 13033
Dodonova Z G 45725
Dodson G J 23325
Dodson L F 2058
Dodson V N 50412
50426
Dodt E 684
30564
30591
53061
Dods S R 10971
22297
Döbeln W von 29226
Döderlein G 6738
Döhlen A 49378
Döllitzscher E 33901
33903
Döll W 23160
23215
34474
46230
Dölle W 51836
Döllken H 39014
Döhnhardt A 18964
Doepfmer R 15458
27123
43821
Doepfner W 39238
47733
Dördelmann P 18878
Dörfler P 41757
49287
Dörfler R 12075

Döring G K 3241 6697 15418 15971 18929 25212 25214 27122 38976
Döring H J 30545 30594
Doering P 46590
Dörner G 3433 34580
Doerr W 13354
Dörr W M 36450
Doery H M 29836 37053
Doesschate G ten 12036 12038 12043 29956
Doesschate J ten 12036
Doffermyer L R 19962
Dogel' L V 46324
Doggart J H 48209 53280
Doggett M C 46911 54837
Dogliotti A M 17516 22033 42544 42545 42639 42645
Dogliotti G C 35635
Dogo G 42552 52000 52003
Doğruer F 32999
Dohan F C 40672
Doherty R L 45822
Dohi S R 20733
Dohlman C H 23835
Dohlman G 35340 41069
Dohmann H 23646 35030
Dohn K 35441
Dohnálek J 14874 48603
Dohnicht A 11152 29405 51791
Dohrmann R 38447
Doi R 50332
Doichinova N 28750
Doig A T 6148
Doig R K 6450
Doidge W T 12609
Doinov M 32771
Doisy E A 40486
Doisy E A Jr 40486
Dokukin A V 7805 13852 48028
Dokumov S 46816
Dolan H S 54740
Dolan I L 42859 49975
Dolan R G 35768
Dolata W 30775
Dolby J M 40065
Dolcetta B 52032
Dolcini H A 31024
Dold H 46268 49059 52253
Dolder E 47301
Dolejší J 38356
Dolejší M 14869
Dolejší V 36431
Dolének A 47067
Doleschel W 22898 41725
Doletskii S Ia 55243
Doležal J 38357
Doležal M 33699 33701 33702 53224
Doležal S 20411
Dolff C 23254
Dolff J J 42365
Dolgina M I 45679
Dolgner R 34063
Dolgoplosk N A 18297
Dolgorozheva N A 10772
Dolgov N V 34669
Doliak M 38240
Dolin A O 49529
D'Oliveira C G 40216
D'Oliveira L G 42194
Dolivo M 27844 41210
Dolkart R E 17684 24696
Doll E 25278 34180
Doll E R 48975 48979
Doll R 26051 48315
Doll S G 18152 28140
Dollander A 26937 38751
Dolle F 25470 25474
Doller J 4575
Dollfus M A 25507
Dollfus R P 1035 1036 1037 36171
Dolman C E 16446 16447
Dolowitz D A 3528 6215 11631 21510
Dolphin G W 7143 37623 44296
Dols W 11138
Domage L 1062
Domagk G 35197 47717
Domanig E 40962 49066
Domanig E Jr 34161
Domann W A 11072
Domány S 25197 28786 41619
Domaradskii I V 11495
Domart A 47357
Domashevich V L 33251
Dombrovskaia M P 20291
Domingues F J 13403
Dominguez A 21164
Domínguez G 39624
Domínguez M 8688
Dominguez Gallegos A 8936
Domínguez Rompell J L 22266
Domínguez Seoane M 44522
Dominguez Sisco R 8938
Dòmini R 25525 25544 25596
Dominici G 31681
Dominiczak T 35078
Dominik K 30397
Domino E F 17943 47109
Domm L V 46894
Dommelen C K van 52471 52504
Dommisse G F 50395
Domrich H 40972
Domshlak M P 6640
Domz C A 48429
Domžal T 43674 53142
Don G G 21535
Donadei C 5877
Donadio V 52061
Donahue G A 40899
Donahue J K 54660
Donald D C 5352
Donald D E 47329
Donald E W 55033
Donald G F 13672 18767 42138
Donald J G 25057
Donald J M 47277
Donald J W 25057
Donald K W 38618 38619 38625 53578
Donald R H 50008
Donaldson A W 12643
Donaldson D D 104 11594
Donaldson D M 17404 31602 50602
Donaldson G A 528
Donaldson H M 46419
Donaldson K O 4745 4746
Donaldson M 18415
Donaldson P 12759
Donaldson P E 29862 52443
Donaldson R M 49696
Donas A E 21222 25466
Donat K 28945
Donatelli L 53758
Donath E M 50516
Donati A 6899 38551
Donati G S 32103 42643 51995
Donati von Graiath R 29588
Donato H 51149
Donato L 29711 32692
Donato Di Paola F 18534
Donchev P 45316
Donckaster R 8908 13892
Donders P C 39170 52488
Dondey M 54086 54103 54106
Done A K 23507 34990
Done J 8024
Donegani G 32268
Donelson M Jr 22584
Donetskii D A 45676
Dongen J A van 52528
Dongier M 29195
Dongray M 14306
Donhauser J L 23487
Donhoffer S 24032 24033 30511 46636 53088
Doniach D 15058 28980
Doniach I 5564 14036
Donigan R L 4312
Doniger J M 12429 24527
Donin I Kh 33516
Donini F 20974 20978
Donini G 32117 32126
Donini L 37533
Donini P 8578
Donio D A 6839
Donkersloot T A 29951 52492
Donley M E 45928
Donnan M G 51533
Donnellan E 35741
Donnelly E J 47068
Donnelly J F 12387 35836
Donnelly P R 40015
Donner G 37020
Donner L 26550 38130 46605
Donner M 49209 54638
Donnes A V 21250
Donocík A 48584
Donohoe R F 49184
Donohue D M 503 17057 17066 17067
Donoso A 8905
Donoso A O 44597 44599
Donoso E 14976
Donoso F 21174 53965
Donoso H 21191
Donoso S 6911
Donoso de Carrasco M L 4535
Donovan E F 40409
Donovan E J 1474 22083 23498
Donovan J W 1710
Donovan R 11099
Donovan R J Jr 14403
Donovan S 31127
Donskoi M D 55253
Dontcheff L 26850
Dontenwill W 15440
Dony A 9506
Dony J 17928
Donzelot E 45010
Dood A R 34947
Dooley K 40014
Doolin W 41876
Dooren L 43072
Doorenmaalen W J van 23786
Doorly D J 16394
Doppler K 15973
Doppstadt A 1589
Dor J 20519 35051 45013 51444
Dor P 2323 23669
Dorado H J 31031
Doraiswamy T R 37586
Doran W J 51071
Dorantes S 13901
Dorbecker N 35028 36838
Dordević L 27871
Dordick J R 43164
Dorello U 13937 13940
Doremus W P 876
Doren G 13891
Doret J P 41933
Dorey R 48416
Dorfman A 2896 4740 7879 8643 28234 49463
Dorfman R I 31394 44083 53949
Dorfmeijer H 10959
Dorgan J 14632
Dorgeuille C 6385
Doria I 30242
Dória O de B 21063
D'Orio R 32117 32124
Dorion M 10679
Dorken N 22362
Dorland P 17994
Dorlas J C 43029
Dorman D W 7447
Dormandy T L 53528
Dormont J 8877
Dormont J 18003
Dorn H 11230 22981 22986 55482
Dorn W 25355 39077
Dornbusch S 33898
Dornbush A C 47616
Dornelles J J 24180
Dorner C (Mme) 48413
Dorner M 54599
Dorner R W 1669
Dornette W H 12959 12967 12973
Dornetti F 49594
Dornetzhuber V 23114
Dornhorst A C 1202 18395
Dornier R 9103 18011 21335 31908 42409
Dornow A 1328
Doroba M 53126
Dorodnitsyna A A 22625
Dorofeev N M 12132 43563
Doroshchuk V P 34787
Dorra M 37857
Dorscheid A 38953

Dorscheid A 49129 49135
Dorsey D B 24449
Dorsey M Jr 19630
Dorst J P 8564
Dort V 11996
Dorta T 21653 39889 54350
Dortenmann S 42305
Dortheimer A 34290
Dorton H E 5247
Dorwart R A 2339
Dorywalski T 30816 30838 30851 30856
Dósa A 49110
Dosch F 22764
Dose K 9993 55559
Dosev G A 32772
Dosev I 45304
Dosi J 54909
Doskach Y 50616
Doskočilová D 43602
Doskov I 16411 32739
Dosoretz B 20643
Doss N S 50567
Dossa D (Mme) 16372
Dos Santos J G 22574
Dossena G 37306
Dossin F 36073
Dost F H 394 6067 11178 42871 46096
Dostal J 20844 35038
Dostál M 38249
Dostálek C 38178
Dostrovsky A 2046
Doto I L 808
Dotsenko E A 12136
Dott N M 44042 44043
Dotta F 27457
Dotter C T 2911 14972 20945
Dotti F 9272 21455 21500
Dotti L B 46903
Doty R W 5517
Dotzauer G 12082 27128 39027
Douady D 35517
Doub H P 38572
Doubek F A 29581
Doubilet H 10084 22096 49167
Doublier L 14366
Doublier L 14371
Doubravský J 14875
Doubrow S 53429
Doucet J 1041
Douesnau 53435
Dougherty C M 653 12398 43300
Dougherty H L 12924
Dougherty J 33084
Dougherty J W 46386
Dougherty R W 16764
Dougherty T F 1380 6215 31295
Dougherty W J 41175
Doughty M F 48986
Douglas A S 2071 15052
Douglas B 8038 20385
Douglas B L 16538 52850
Douglas C C 10412
Douglas J 45535
Douglas J F 23494
Douglas L T 5596
Douglas R G 2984 12804 20079 20092
Douglas R J 2571 37973
Douillet 6324
Doujak P H 22748
Douli J A 37271
Douma J H 12205
Doumenc J 24297 53019
Doumic J M 32377
Douris R G 24788
Dourmashkin R 39287 50064
Doust B C 11640
Douthwaite A H 26120 53269 53520
Doutre 2015
Doutriaux J 24749
Douvres F W 12752
Douzou P 3035 38717
D'Ovidio E C 21248
Dovigo A 35016
Dovzhanskii S I 45636
Dow C 5626
Dow J D 39727
Dow J W 54694
Dow R S 4525
Dowben R M 17048 34771
Dowd J B 55028
Dowdy A H 812 2680
Dower G E 12553
Dowgird A 8064 20423
Dowlatabadi H 35109 41749
Dowling E A 10488
Dowling P J 52703
Dowling T 474
Dowling W 38070
Downie A W 10367 40892 40893
Downie H G 14686
Downing D F 5878 23515 49865
Downing J 53608
Downing L 2653
Downs C M 5186 12468
Downs J 4687
Downs R A 32525
Downs W G 44097
Dowzenko A 32269
Doxiadis S A 44064
Doyle B 53106
Doyle E M 4672
Doyle F P 52446
Doyle H N 472
Doyle J A 43924
Doyle J B 20067
Doyle J T 18461
Doyle O W 53743
Doyle W 12796
Dożańska W 33742
Dozin A 53417
Dozorova N S 22568
Drabikowski W 8076
Drabkina R O 31181
Dráč P 38269
Drachev S M 33505
Drack 26229
Dracoulides N N 24098
Draf H 32975
Draganesco 11985
Drăginescu S 9471
Drager G 46460
Drăghiciu G 9463
Drăghiciu O 9463
Dragic O 52239
Dragičević B 21961
Dragiev T 45310
Dragnea M A 33326
Drago J C 20654
Dragoichev Ch 28746
Dragojević B 21961
Dragotti G 30684
Dragsted P J 45497
Dragstedt C A 16649
Dragstedt L R 153 40296
Drahota Z 38207
Drake J W 10867
Drake R M 38485
Drakulić K 22637
Drakulic M 48905
Draliuk N S 55315
Drammis E 31763
Dransfeld B 25289 28045
Dransfield G A 50849
Drapanas T 19894
Draper H H 17369 17810 44138
Draper M H 53700
Draper W F 7940
Draper W L 15729 34938
Drapier (Mme) 32205
Drapier A 38692
Drasche H 3593
Drash E C 22583 45811 55273
Drasnin R 31427
Drayer A 25673
Draznin N M 53454
Dréan D 47391 47415
Drechsler B 2779 26528 48602
Drees O 34457 55685 55688
Dreessen W C 472
Drehmann U 25328
Dreifus L 12547 12548
Dreikurs R 22890
Dreiling D A 526 27044 49697
Dreizen J G 40777
Dreizen S 40777 49976
Drellich M G 50428
Drenckhahn F O 46838
Drennan M R 45069
Drennova K A 10754
Drerup A L 7430
Drescher A N 4862
Drescher C 2290 11372 34545
Drescher J 34478 34507 34509
Drescher W 20826
Dreschler M 44101
Dresel P E 20496
Dressler A 43609
Dressler E 33899
Dressler H R 50339
Dressler J A 21828
Dressler O 6099
Dressler W 19388 24341 27821 34874 38431
Drettner B 35315
Dreuttel M 43782
Dreux C 47354
Dreveta C C 51674
Drĕvo M 2771
Drew D M 14157
Drew G C 14222
Drew R M 51310
Drewes J 38964
Drewett S E 18509
Drewnowska I 30801 30802
Drews R 20421 20454 20455
Drey L 47498
Drey R E 41336
Dreyer K 22444
Dreyer L L 50948
Dreyer M V 35025
Dreyer R 49088
Dreyer V 23854
Dreyer W J 10873
Dreyfus B 20668 21278 44630 45006 53982
Dreyfus G 37088
Dreyfus J C 9015 9028 19593 24970 32020 38520 38646 44628 54290 54300
Dreyfus-Brisac C 49317 54076
Dreyfuss F 46 39788 50061
Drèze C 35149
Driak F 41712
Dridze P M 41520
Driessens J 3086
Driessche R van den 48926
Driessen F M 37553 43026
Driessens J 3089 3090
Drieux J 42411
Drift J H van der 52519
Drill V A 5744 8634 13192
Drillien C M 13418 13419
Drillis R 47534
Drimmelen G C van 17307
Drincic V 41128
Dripps R D 21858 22089
Driscoll L H 40533
Driscoll R 446
Driscoll S G 4499 4500 20267 23510 29851
Driscoll T B 20734
Driver A F 16828
Driver G W 19469
Driver M 50851
Drnek F 48675
Drobil M 2729
Drobnica L 30032
Drobnjak P 18516
Drochmans A 50363
Drogendijk A C 55875
Drogula K H 34202
Droh R 30545
Droin 47763
Drolet M 41916
Droller H 18402
Drompp B W 52462
Droogleever Fortuyn A B 49617
Droogleever Fortuyn J 7353
Dropmann K 27161
Dror K 49835
Drosdowsky M 9145
Drose V E 12415
Drossopoulo G 44200
Droste R 12093 28947 51827
Drouhard P 14361
Drouhet E 42950 48806
Drouhet V 47402
Droz B 46645
Drozdova Iu V 18889
Drozdowski S 7776
Drózda J 33709 33710 33796 33798
Druault-Toufesco M 14496
Druckrey H 23073 52642 52213
Drudi C 49594
Druez G 54301
Drugan A 31136
Drujanov B M 51184
Drujan B D 5467 27019
Drummey G D 582
Drummond A 18033
Drummond M C 36899 36904
Druoet 31967
Drury A N 4156
Drury B J 48427
Drury D R 731

Drury J N 20593
Drury J T 3196
Drury M I 28452
Druta E 14761
Druyan R 53725 53726
Drvota S 48647
Dry J 14358 44999
Dryden J S 10844
Dryden M F 20384
Drye R 74
Drygas M 33739
Dryjski J 30836
Drysdale G R 40524
Drzymuchowska A 20416 43648
Duane G W 59
Duane T D 34924
Duany N P 23359
Duarte A G 2669
Duarte G G 8729
Dub E M 45900
Dub O 26523 26547
Dubach R 5254
Dubach U C 33129 39868
Dubanský B 22564
Dubarry E 36640 41114
Dubarry J J 17649 18621 36640 36641 41114 41134
Dubcovsky J I 20053
Dubcovzky J 31030
Dube A H 25024 30151
Dubé E 2531
Dube J N 47652
Dubecq J P 15128 26226
Dubecz A 35947
Dubecz S 6337
Duben J 14798
Dubik V T 18194
Dubilier W Jr 8569
Dubin A 44111 50717 51288 51673
Dubini O 21791
Dubinskii A A 10803
Dubiski S 19679
Dubkova V K 55766
Dublin L I 24636
Dublineau J 36124 36125
Dubniakova A M 34652
Dubnov B L 22672
Dubnov M V 25762
Dubois 36651 47454 47455
Dubois A B 4857 40691
Dubois C 38739
Dubois E L 2517
Dubois F 21366 42447
DuBois F S 47161
Dubois J 27713 35149 36663
DuBois K P 17941 20500 23381 55002
Dubois M 54142
Dubois O 25443 30463
Dubois P 29595
Du Bois R 30464
Dubois de Montreynaud J M 32383 50560
Dubois-Poulsen A 14484
Dubois-Primo J 35053
Du Boistesselin R 32931
Dubos R J 2630 7950 35913
Dubosc A A 44400
Dubost C 4827 9007 16996 28087 29045 36682 42505 42506 54450
Duboucher G 30470 43963
Du Bouchet N (Mme) 36670
Dubouloz P 26775
Dubouloz P 37839 38749
Dubourg G 36640 36641 42414 42415
Dubov A V 34690 34707
Dubov S 16416
Dubovskii V G 7911
Dubovský J 26514
Dubowska-Inglot A 53206
Duboys des Termes H 54085
Dubra C C 30997
Dubrasquet M 3065 15109 15122 26662 26870 26764 26818
Dubrauszky V 47635
Dubreuil R 2570
Dubrov A P 47992
Dubrova G B 22683
Dubrovskaia I I 1723
Dubrow M 612
Dube N 26679
Dubuisson G 53026
Dubuisson J 41440
Duby D 13029
Duby G A 28119
Duc H 29142 30453
Duc N 47464 53397 54905
Ducach G 578
Du Cailar J 47325 54892
Ducas J 31972 31974
Ducas P 21751 25472
Ducasse P 42037
Ducci H 10339 21173
Ducellier J 25497
Duchamp J 41385
Duchange H 54180
Duchateau 1334
Duchâteau G 36613
Duché G 53380
Duchêne H 27950 27954
Duchêne-Marullaz P 26683 36591
Duchesnay G 32405 32916 32935 32942
Duchet G 2378
Duchetsuchaux L 32054
Duchon L 9177
Duckert F 10324 10353 21643 21645
Duckert W 19311
Duckman J 2655
Duckworth J W 53727
Duckworth M J 18367
Duckworth R B 29805
Ducoff H S 2343
Ducommun P 9120 35139
Ducommun S 35139
Ducos J 26711 26886 26947 44609 53993 54306 54307 55344
Ducoudray J 36120
Ducroquet P 36099
Ducros E 29236
Ducros H 31100
Ducrot H 43949
Ducrot R 32942
Duda H 7968
Duda P 38194
Dudchenko I I 7934
Dudek J 14803
Dudek R A 16239
Dudel J 30512 30533 43571
Dudgeon J A 21528
Dudley H A 41871 51126 51130 51134
Dudley H C 17574
Dudley H R 19862 46412
Dudley H R Jr 40636
Duè G 19261
Düffel F 23108
Dueñas A 44563 44565
Dünner L 14152
Duensing F 36493
Dünwald E 25900
Duerksen J D 28251
Dürr D K 34196
Duerr J D 40370
Dürrigl T 18518 23092
Duerson H L Jr 12450
Dürwald W 15317 15318
Duesberg H 34593
Düttmann W 42169
Dufaye C 37892
Dufek V 2740 10901
Duff I F 23400 35198
Duff R B 25877 25878
Duff R S 15000
Duffey F D 16199
Duffner G J 31 3029 23303 34840
Duffréne A 9047
Duffy D G 46853
Duffy M H 14165
Duffy P E 19809
Duffy R W 2367
Duflot J P 36128 36135
Dufort R H 5017
Dufour C 26817
Dufour D 51358
Dufourmentel C 13028 31066 32028 37873 47378
Dufrenoy J 9171
Dufresne O 22457
Dufresne R R 33405
Dugan A 50710
Dugger G S 933
Dughera L 19163 29563 31116 42486 42673 42677 52087
Dugois P 2392 2393 2401 2406 41939 41947 47771
Dugué M 45004
Duguid J P 17390
Duhamel 43762
Duhault J 24907
Duhaut 35493
Duhig J T 35766
Duhm B 46183
Duijn C van Jr 18065 51940
Duin J van 305
Duiz Sanchez A 47846
Dujardin J 26827
Dujovich A 43875 43876
Dukalov I A 55829
Duke B O 25063
Duke C J 36337
Duke J R 23438 47022
Duke M 34956
Duke-Elder S 37599
Dukes C E 25990 39137
Dukhanina N N 18905 51747
Dukhanov A Ia 45607
Du Khuong Lê 32652
Dulac E P 42034
Dulac J 14394
Dulac J F 14367
Dulbecco A 42620
Dulce H J 15013 27885 27886 27887 38518 45585 45591
Duleiu L 19362
Dulieu L 19361 19364
Dulin A 40351
Dullaert E 49695
Dul'tsin M S 6028
Dumańska K 20184
Dumas J J 44412
Dumas J P 2404 41942
Dumas N 14430 48833
Dumas O 42005
Dumas P 33419
Dumazer R 53024
Dumbadze D N 5977
Dumbell K R 28321
Dumer L V 45131
Dumermuth G 25390
Du Mesnil du Buisson F 48821
Dumitresco S 53245
Dumitrescu E 11517
Dumitrescu H 28047
Dumitrescu-Bogdan O 43995
Dumka N S 7938
Dummer G M 22213 38444
Dumont B L 24877
Dumont C 13099 54890 54901
Dumont E 264 11986
Dumont J 15154 26199 36200 37761
Dumont L 26928 31952
Dumont R 28380
Dumoulin J 40895
Dumsha B 37092
Dunaev I L 45891
Dunbar F P 21867
Dunbar J M 14230 37744
Duncan C H 5535
Duncan C J 50813
Duncan C P 16497
Duncan C W 1347
Duncan D 12926
Duncan D A 20787
Duncan D K 37953
Duncan G M 16658 44284
Duncan H E 6520
Duncan I B 14064
Duncan J T 22304
Duncan R E 40595
Duncan W P 8453
Dunchik V N 10727
Dundar S 36681
Dundee J W 14046
Dundon S 17542
Dunér H 23689 32235 44894 44895 46701 52711 52712
Dunet 32931
Dunfield J C 6504
Dungal N 25995
Dunham C L 10478 46758
Dunham M C 5308
Dunham R 31337
Dunihue F W 17230
Dunin-Horkawicz H 29505
Dunjic A 3127
Dunlap H E 2940
Dunlap M K 11595
Dunlop C W 27336
Dunlop D 48243
Dunlop D M 14311 47120
Dunn A 5904
Dunn A E 38017
Dunn B

Dunn D B 37069
Dunn F L 8338 17670 46867
Dunn H G 14690
Dunn H K 5824
Dunn H L 7543
Dunn I 31308
Dunn J E Jr 24200
Dunn J P 35922
Dunn J R Jr 12494
Dunn L F 47207
Dunn M S 711 712 716 717 718 9555 31445
Dunn R I S 50985
Dunn S 49341
Dunn T B 17783
Dunnebacke T H 10850
Dunner E 42074
Dunnill M S 51041
Dunning G M 49851
Dunning W F 13259 31309 31310
Dunoyer F 15099 24805
Dunphy E B 10409
Dunphy J E 522 10496 22321
Dunsmore L D 12313
Dunsmore R A 12313
Dunst M 14975
Dunstan E M 39998
Dunsworth F A 38025
Dunton E F 16884
Duntze 37878
Duntze F 19344 25444 37879 37886 37887 37888
Du Pan R M 16378
Du Pasquier P 17657 50771
Dupéron R 3032
Duperrat 42417
Duperrat B 979 25442 36150 37852 37861 37862 37863 37889 53973
Dupin H 24296
Duplan J F 3059 15062 26740
Duplay J 19775
Duplenko K F 9931
Dupon 36683
Dupon H 43742 43752
Dupont A 3086 3090
Dupont A 36515
Dupont E 11987 35494
Dupont M 26675 26779 26860 29229
Dupont V 28376
Dupré A 14084 47380
Dupree J T 41151
Dupree L 40708
Duprès P 32055
Duprey L P 55009
Dupuis C 26965 30464
Dupuis M 6367
Dupuis R 15111
Dupuis Y 3069 48814
Dupuy A 43980
Dupuy H J 17641
Dupuy R 9641 9642 9643 9644 31910 39481
Dupuy-Joie M 54452
Duran C 31841
Duran F 21198 53945
Duran I 53904 53929
Duran L 31603
Durán Cara E 53926
Durán Quevedo T 31815 51818
Durand C H 38775
Durand D 52062
Durand L 28487
Durand M 1065 3516 5800 15123 54892
Durand de Bousingen R 48414
Durando A C 43910
Durando C 13507 42564 42571 55091
Durant J 40463
Durant J R 27046
Durant T M 35795
Durante M 32106
Durante U 19197
Duranti M 42742
Duranton P 11246
Duray A 39430
Durben H H 25822
Durbin P W 8536 11544
Durbin R A 50268
Durček K 30948
Dureau F 9628
Durel P 8367 8369 8373 31500 43984 48252
Dureux J 9134
Dureux J B 9099 9135 9143 32001 44747 44749 54050 54112 54114
Durfee R B 40988
Durham D G 11708
Durham R H 47899
Durić D 10910
Durich Hearide J 23985
Durieu H 24123 35500
Durieux M 35149
Duriez J 54883
Durig A 22851
Durinian R A 48051
Durkalec J 30788
Durkee A 40741
Durkosh E D 27808
Durlach J 31912 48949 48955 54471
Durlacher S H 35229
Durnin J V 17983
Duroux A 28360 28379 43744
Duroux P 54893
Durquety M 26674
Durrance J R 12792
Duraka-Zakrzewska A 30312 30324
Durupt L 21382 50353 54440
Du Sault L A 31490 31636
Dusbaba M 14840
Dušek Z 34172 48625
Dusenberry J E 16702
DuShane J W 10315 38494 38495 51158 54682 54916
Dušiaský G 20330
Dusmuraiov M 10947
Dussart R 2298
Dussaut A 32423
Dussert A 9162
Dustan H P 698 2912 4016 27826 45043
Dustin P 35031 54301
Dustin P Jr 2294 23925 35156 53995
Dutcher J D 44082
Dutcher T 36255
Dutcher T F 11931
Duthie E S 13710
Duthie H L 28626
Duthie J J 36297 36303 37696
Dutou L 31120
Dutra F R 46905
Dutra J 50704
Dutreix J 1459 41390
Dutro D J 30645
Dutt N 17426
Dutta S K 4172
Dutton A 37065
Dutton A H 29839
Dutton G 17750
Dutton P 50846
Dutton R W 29839
Dutton W A 2633
Duttweiler D W 20877
Dutu E 20671
Dutz H 23593
Duval 9660
Duval F 17283
DuVal F W 50401
Duval G 37881
Duval L 26416
Duve C de 26207
Duveau A 26681 48880
Duverger C A 27218 32444
Duverne J 2384 2403 41941
Duvernoil G 47773
Du Vigneaud V 20722 40490 47722
Dux A 53217
Duyckaerts F 35516
Duygu R A 22365
Dusan K R 40262 40435
Dvali L G 41554
Dvizhkov P P 52956
Dvoirin M S 54577
Dvolaitskaia-Barysheva K M 8257
Dvolaitsky M 26307
Dvonch L A 23504
Dvořáček B 11428
Dvořák B 38359
Dvořák K 30030 31797 39264 48658
Dvořák L 54321
Dvořák V 14894
Dvoretsky S 10172
Dvorine W 50195
Dvorkin A M 32579
Dvorkin G A 25916 47980
Dvoskin S 17537 41012
Dwight S A 38073
Dworacek 11263
Dworacek H 22779 52178
Dworetzky M 7866 20252 20253
Dworschack R G 1361
Dwyer F C 50394
Dwyer W 54758
Dybkaer R 44887
Dyck P J 38020
Dye E A 24477
Dye N 50920 50921
Dye W S 1246 46517
Dyer I 26378
Dyer R F 11620
Dyhre B 22402
Dyk A 16110 29473
Dyk T 30864 30872
Dyke R W 17466
Dyken M 50952
Dykes E R 26605
Dykstra P C 508
Dylmer H 30217
Dymarskii L Iu 54574
Dymowska Z 29516 33703 33705 33706
Dynenson I 27591
Dyniewicz J M 50720
Dyrberg V 11873 22423 23543 38850
Dyrbye M 40878
Dyrbye M O 50585
Dyrenfurth I 24982
Dysart B R 34940
Dysart P 47851
Dyskin A A 51224
Dyson N A 30648
Dze R K 14860
Dzhambazian M P 55800
Dzhaparidze M N 34674
Dzhavrova I K 55793
Dzhekzenbaev O Sh 36368
Dzharo T G 11490
Dzhurov G 32827
Dziacukowski I 20460
Dziadek J 34551
Dziallas P 33925
Dziallas Paul 23559
Dzidrov V 23576
Dzidziguri T D 49556
Dzięciołowski Z 8095 33734
Dziekoński J 33687
Dzierżkowa W 30729
Dzieszko W 27590
Dziewiatkowski D D 17323 51303
Dziewicka A 7823
Dzisiów F 24103
Dziuba K 18959 29409 42248
Dzneladze L P 54550
Džodžo-Kukoč R 51701
Dżutyńska J 30900
Dzury D S 5193
Dzyza V G 45732
Eade G G 8033
Eade N R 31886 48225
Eadie W R 20631
Eads R B 4238 32909
Eagle H 4742 22606 26450 26451 47900 49445 54402
Eagle J F 23498
Eales L 21825 54509
Eames T H 692 47027
Eapen J 52457
Earle D P 33048
Earle H 50600
Earle K V 55066
Earle W R 2700 5424 5425 5429 5430 5440 5443 16950 17781 49443
Earley C M Jr 54735
Earley L W 41173
Earn A A 17837
Earnest S 18099
Earp N de S 13595
Easley A S 18105
Easom H A 22487
Easterday B C 16777A
Eastham A B 47048
Eastham R D 13300 13301
Eastland J S 6410
Eastman A A 695
Eastman D 17116
Eastwood E R 23329 23333
Eastwood W S 29855
Easty D M 26005
Easty G C 40067
Esther K F 972
Eaton E H Jr 12281
Eaton G O 47275
Eaton R B 14643
Ebadi A J 44653
Ebashi S 1357

Ebaugh F G 47167
Ebaugh F G Jr 33074
Ebbs J C 40241
Ebel D 52173
Ebel J P 3486
3487
3488
26325
Ebell U 34398
Ebenezer R 40659
Eberhardt D R 35969
Eberhart C 33087
Eberhartinger C 15288
22985
39806
Eberholst I 1577
Eberle H 25203
Eberlein F 33970
Eberlein W R 17029
17044
Eberlin E W 18717
Ebersole C M 957
Ebersole J H 30
Ebert M 19701
Ebert R V 15254
50463
Ebin L 41032
Eble T E 36347
Ebner H 24144
47317
52835
Ebner N 22814
Ebrard G 37856
Ebtinger R 48414
Eby J D 53122
Eccles J C 5786 7948 9616 12023 51114
Eccles R M 12015
41342
Eccleston E 17560
Eccleston H N Jr 47315
Echeverria E 53974
Echevarría M 451
Echols M 17080
Echols P 12641
Echte W 42383
Eck R V 14755
48537
Eckardt F 4029
25265
41597
Ecke H 7030
19431
Eckel W 19316
23051
Eckenhoff J E 963
12961
21858
Ecker H A 24683
Eckerstrom S 16003
Eckert B 38186
Eckert H 14200
17899
37729
Eckert T 13368
Eckert V 30621
Eckert W G 35230
Eckman E 47124
Eckman W G 12718
Eckmann L 18552
39838
Eckstein B 47657
52377
Eckstein J W 17062
50703
Eckstein M 6071
Ecksteinová H 38297
Écoiffier J 35428
Economos J P 4316
Economou S G 13324
34965
39138
54770
Economu T 34256
Ectors L 35235
35237
Eddie T S 14066
Eddleman E E Jr 12353
Eddy A A 53481
Eddy B E 10872
20773
31378
50887
Eddy B P 25142
Eddy J J 44965
Eddy W 839
Eddy W A 852
Edelken J 50371
Edel H 11177
49030
Edel V 3104 15063 26686 26875 26922 40181 48884
Edel V (Mme) 9648
Edelhoch H 27407
47971
Edelman A 47735
Edelman I S 4854
12574
Edel'man Z I 53034
Edelmann G 1461
Edel'ahtein E A 34790
Edel'stein I A 18869
Edelstyn G A 4327
Eden A R 36533
Eden J 14652
Eder H 48065
Eder H A 8642
Eder J 22219
Eder M 6086
Ederer F 28290
Ederli A 32125
Ederova A 32824
Edery H 21712
Edfeldt Å W 35300
Edgar G W 9142
Edgar R S 10857A
10864
Edgcomb J H 35714
Edge J R 10352
48301
Edge N D 14121
Edge N D 14139
Edgerton H E 40572
Edgren B 325
54796
Edgren D C 884
Edgren R A 15596
Edholm P 35462
52730
Edipides T 23010
Edisen C B 11654
Edit K 20159
Edling N P 35447
Edlinger E 23629
Edlund T 12001
Edlund Y A 11880
Edman H 7533
Edman K A P 12021
Edmonds O P 26045
Edmonson P R 28278
Edmonson T D 16725
Edmonston W E 41352
Edmund C 23836
Edmund H H 10622
52727
Edmund J 23844
Edmunds A B Jr 50572
Edmunds A W 48148
Edmunds P N 41818
Edosien J C 4893
10970
Edsall G 27336
Edsall J T 40501
40502
Edsman G 33444
Edström G 36909
Edström J E 15690 23953 34414 41212 41213
Edström R 24076
46708
46709
46710
Edwards A W 24969
Edwards C 5794
28557
Edwards C E 2331
Edwards C F 8527
Edwards C R 6409
Edwards D 41309
41310
Edwards E 5914
Edwards E A 3021
10096
44086
Edwards F 26037
37715
Edwards F K 143
18115
Edwards G 14225
31265
Edwards G A 3513
55621
Edwards G E 2549
Edwards H C 53282
Edwards H K 40110
Edwards H M Jr 5546
Edwards H N 23311
Edwards I K 12389
Edwards J E 2900 2907 2908 10315 11793 12220 14074 14971 21517 22010 31475 34911 35617 38494 38495 46433 46457 48185 54682 54916
Edwards J H 2112
2115
37554
Edwards J L 35899
Edwards K D 18746
36993
Edwards L B 556
Edwards L F 7644
20101
Edwards M B 23325
Edwards M C 16523
Edwards M S 36532
Edwards P Q 15544
35914
Edwards P R 13037
Edwards R G 5072 5073 17227 17272 39278
Edwards R V 12602
Edwards T S 24551
Edwards W 8420
18799
Edwards W H 9426
Edwards W M 6437
24714
Edwards W S 10079
54696
Eeckels R 1615
Eelkema H H 53733
Eerland L D 7287
19738
Effenberger E 36479
55506
Effert S 49066
Effler D B 485 2942 2944 15905 18131 54681
Efimenko V L 46314
Efimishin N S 41525
41530
43420
Efimochkina E F 22658
37133
Efimov A S 45188
Efimov F F 43416
Efimov I I 31241
Efimov V N 47992
Efimov V P 33209
Efimov V S 43379
Efimova A A 9917
Efimova V A 33649
Efraim M 26493
43995
44003
Efrati P 13874
Efremova A 16410
Efremova G P 39606
Efron G 45059
Efron V 44293
Efskind L 10314
Efuni S N 18180
Egami F 13776
25892
Egan R W 11787
Egan T J 52997
Egawa Y 2831
Egbert L D 963
21858
Egdahl R H 1239 4264 10485 28021 47575
Egee J B 27047
Egelhaaf A 11267
Egeli E S 22373
Egen K 16111
Eger E I 958
47327
Eger S A 904
Eger W 1595
33981
Egerton C D 7494
Eggeling T 23630
Eggermont E 30458
Eggers G W 23517
40314
47584
Eggers G W Jr 24759
Eggers H 34089
46461
Eggers P 6701
Eggert E 12090
Egghardt F 23095
Egghart F 11061
22900
38999
46043
Eggleston L V 25864
Eggstein M 377
Egiazarov G M 33624
Egilan G M 28699
41566
Egli H 10354
27196
28048
30642
Egli R 21652
46604
Egmond A A van 20535
52496
Egorov B G 33465
Egorov Iu L 49793
Egorov M N 10229
Egorov N G 10838
Egorov N I 32548
Egorova A A 19131
33163
Egorova E K 6000
Egorova O V 54556
Egry G 18588
Eguía O F 8176
Ehalt W 22750
29057
Ehlers G 23124
Ehling U 34239
Ehmer R H 5056
Ehmke D A 16545
Ehra 35697
Ehrenberg A 13763
13764
Ehrenberg R H 12462
Ehrenfeld E N 207
16397
Ehrenhaft J L 1224
11789
14966
Ehrenpreis S 7215
Ehrenreich T 11765
Ehrenstein G von 3480
29845
35383
Ehrentheil O F 761
40662
Ehrenworth L 1150
Ehret C F 15665
Ehrgott W A 10977
Ehrhardt R 54322
Ehrhardt W 38915
Ehrhart H 41755
Ehrich W 28916
51265
51864
Ehrlich A 37986
Ehrlich D J 2576
Ehrlich E 54686
Ehrlich E W 10086
28139
Ehrlich G 24557
Ehrlich H 22761
Ehrlich H G 39272
Ehrlich H L 50342
Ehrlich I 52164
Ehrlich R 17474
Ehrlich S 25098
Ehrlich V 1439
13356
Ehrlicher H 23136
Ehrmantraut W R 35697
Ehrner L 11961
Eiber N S 12125
Eibl-Eibesfeldt I 20921
Eichelberger L 34963
Eichelter G 41720
Eichenberger E 3472 30602 30606 30607 30608 34231
Eichhoff H J 1576
Eichhorn F 234
Eichhorn H J 38445
Eichler L 44215
Eichman J 54587
Eichner D 34413
34414
34429
Eichner E 13217
20085
Eichwald E J 22310
47567
Eicke W 27173
Eickstedt K W von 1599
Eid C N 40776
Eide G W 12745
Eidelberg E 52574
Eidelberg L 44194
Eidel'man B M 33362

Eidel'shtein S I 45215
Eidinoff M L 8529
Eidmann W 51829
Eidsmoe C T 21841
Eidus L 12814
Eidus L Kh 25909
Eiduson B T 759
Eiduson S 47176
Eigler F W 30563
Eigler G 23045
34193
Eijsbouts Q A 36872
47844
Eik-Nes K 15618
Eik-Nes K B 35080
35140
50430
Eiken M 23952
Eimerl T S 20550
53296
Einarsson F 23894
Einaudi G 8665 8666 31760 42667 42687 44379 44381 44382
Einbrodt H J 25820
Einhorn J 30858
50414
Einhorn M 8436
Einola S 24889
Einset B M 50153
Eiring A 24574
Eisa E A 36697
Eiseley L C 54431
Eiselsberg K 26492
Eiseman B 4698
10122
22052
47596
Eisemann G 38075
Eisen A 38012
Eisen H N 26320
Eisen M E 38036
Eisenbarth H 46223
Eisenberg B C 40276
Eisenberg G M 1144
41037
Eisenberg H 4838
Eisenberg L 24590
47154
47174
Eisenberg P 25670
Eisenbud M 46368
Eisenman A J 41281
Eisenoff H M 30164
Eisenreich F X 54927
54930
Eisenson J 18091
Eisenstadt H B 913
Eisenstein E M 78
Eisfeld G 12064
27187
Eisler D M 40446
40447
Eisler L 50165
Eisler M 22994
Eisman B S 24468
Eisner B G 50905
Eisner H 46933
Eisnerová L 38323
Eissler K R 4298
44237
Eissner H 15279
36432
Eisum E F 23849
Eitel O 29492
Eitinger L 52736
Eitner H 6740
11225
Eitner S 15314
Ejby-Poulsen P 35269
Ejrup B 25844
Ek J 350
44897
Ekberg D R 4697
Ekdahl P H 11869
11870
11871
23699
Ekel T M 28443
Ekelund C 24101
Ekengren K 35079
Ekert B 26295
Ekert F 7113
42934
Ekisenina N I 33627
Eklöf O 43209
Eklund A E 35070
Eklund C 19815
Eklund C M 44121
53660
Eklund J 24888
27271
Ekman G 19948
Ekmekçi A 22365
Ekaev M E 18231
Elam C B 787
Elam H 47097
Elanskii N N 18241
Elarre Cortés A 18840
18841
Elarre Cortex 18840
Elaut L 29940
Elbaz C 24245
24257
Elbel H 3459
El'berg G A 33202
33206
Elberg S S 26399
El'bert L B 36366
Elconin A N 11069
Elconin D V 11069
Elden H R 44964
Elder J H 17373
Elder J M 2051
2052
Eldjarn L 43590
52317
Eldred E 48059
Eldredge D H 12527
Eldridge F 12360
Elegant L 7864
Elefant E 38328
38329
Eleicegui J 8848
44504
Elek S R 3373
15540
15554
27265
Elenius V 20121
35396
Elens A A 3462
Elert R 42917
Eley A J 42891
Elfert 15351
Elfimova E V 3836
Elford W P 48596
Elftman H 12937
17382
Elfvin L G 5913
Elgazina L M 34686
34735
Elgneta U 27729
Eli C 54257
Elia J C 3525
Eliakim M 492 3959 13457 16397 36606 49374 50058
Eliakim V 38804
Elian M 34059
Elias F 19901
Elias H 31140
Elias J 43899
Elias M 12313
Elias R 13472
Elias R W 13756
Elias W H 53883
Eliasch H 26494
50460
Eliasoph J 27081
28520
Eliasson R 7130
49340
Eligulashvili K I 54550
Elinevskaia N S 41529
Elink Sterk C 49631
Elion G B 2676
Eliot F P 4629
Eliot T S Jr 4629
Elise, Sister 16224
Eliseeva G P 45695
Eliseht F C 9704
Elissade B 36054
53368
53400
Elithorn A 41215
Elizondo E 47832
Elizondo E J 13532
Elkan B 23508
23509
Elkan W 854
Elkhovskaia E S 47989
Elkin H 44224
Elkin M 47214
El'kin M A 32585
El'kin S B 55797
Elkind M M 21704
Elkington J S 6125
Elkins D 15995
Elkins E 17162
Elkins E C 16975
Elkins H B 23373
33100
Elkis H 39983
Ellegast H 11000
15869
Ellem K A 26469
Ellen P 4947
11682
Ellenberg M 1169
12310
19998
Ellenbogen L 31366
Eller C H 24649
Ellias L 13791
Ellicott M F 46403
Elliker P R 2565
Ellinger F 36566
Elliot A J 2611
Elliot E C 38001
Elliot J S 5937
33122
Elliott A 19462
Elliott A M 40600
Elliott A W 35412
Elliott D W 151
883
Elliott F E 7459
Elliott G 17914
Elliott H W 17948
Elliott J 47037
Elliott J A Jr 46394
Elliott J R 31384
Elliott J W 11603
Elliott K 42959
Elliott K A 31889
41205
50919
Elliott L L 17263
Elliott M R 14637
Elliott P W 40933
Elliott R 55061
Elliott R B 54542
Elliott W D 41788
Elliott W H 1704
40486
Ellis A 17344
Ellis D 41871
Ellis C H 75
13431
Ellis F A 11573
Ellis F H Jr 1217 5866 10111 13311 22010 22034 23395 51158 54682
Ellis F P 41424
41425
Ellis G S 50758
Ellis H 8112
14209
26105
41809
Ellis H A 4158
4159
Ellis H L 25040
39790
Ellis J P Jr 40681
Ellis J R 17703
Ellis J T 50468
Ellis M 6552
12589
Ellis M E 47116
Ellis N R 603
Ellis P J 5154
Ellis P P 97
29315
Ellis S 49278
Ellis S J 17822
Ellis T J 5856
Ellis W C 5540
Ellis W W 41235
Ellison E H 35870
50290
54744
Ellison G 38555
Ellison H S 50898
Ellison J 5556
Ellison R G 50791
Ellison R R 18653
Ellman G L 31341
Ellman P 8301
18705
30917
Elloso C 36257
Ells F J 471
Ellsworth R B 19072
28549
Ellyson C D 5225
Elmadjian F 8646
Elmergreen G L 26997
Elmets H B 40343
Elmholt L 23934
Elmiger F 30961
Elmlinger P 50421
Elmore D T 14140
Elmquist H S 14544
Elmqvist A 203
Elo R 276
Elochkina E I 49789
Elödi P 30284
Elósegui C 44504
El'piner I E 47980
El'piner L I 3803
Elrick H 44120
Elsässer G 7380
Elsden S R 25113
Elsdon-Dew R 9783
24709
Elsea J R 32
Elshina M A 7902
55845
Elsner P 22799
22882
Elson L A 26028
Elste E R 3619
19027
22974
Elston J T 34413
Elton G A 40139
Elton R L 15596
El'tsina N V 55319
Elvehjem C A 1398 12513 28567 28571 40512
Elverdin J M 31031
Elvira Pisón L 31831
Ely C A 12948
48566
Ely F 49488
Ely J O 2717
Ely R S 23507
34990
44150
50315
Elyvan A S 28317
Elzas B 9778
32487
Emanuel C F 19693
Emanuel D 12501
12502
Emanuel D A 48735
Emanuel R 30412
Emanuel R W 48738
Emanuelsson H 46700
Emanuiloff I 34516
Embree G 14704
Embree L J 47520
Embrey M P 5560
5561
29000
Emels C C 46161
Emel'ianov V I 10730
Emel'ianov N A 37199
Emel'ianova G F 21918
Emel'ianova Iu M 33194
Emel'iashenkov A I 47872
Emerson C P 13682
29259
Emerson G L 54674
Emerson R 53621
Emerson R J 13406
Emery 53020
Emery J A 46930
Emery J L 6553
37680
Emery S L 52587
Emeryk B 28952
Emik L O 44266
Emili H 51726
Emiliani G 30346
30355
Emilio Argüelles A 31025
Emmelin N 17979
Emmelot P 26006
Emmens C W 17231
40807
Emmerson B T 36976
Emmerson M A 50285
Emmett J E 16991
Emmett J W 35862
Emminger E 27138
Emmons C W 50735

Emmons C W 52644
Emmons E K 12365
Emmons W O 22011
Emmrich H 38940
Emmrich J 52236
Empereur-Buisson R 53026
Empson F M 23331
Emrich K 34014
Emslie-Smith D 6175
Emson H E 48490
Enache-Ciuntu F 32185
Enăchescu A 9459
Encioiu M 47471
Ende H 46171
Enderle J 48357
Enderlin N 21598
Enders A C 12923
Enders J F 7417
Enders W 22346
Endler F 45984
Endler P 46199
Endo H 39448
39449
Endo K 49664
Endo T 19523
Endres G 12882
Endres H J 3203
Endress Z F 6493
Endris Iu 18288
Endrőczi E 3430 24014 35366 35369 35370 46210 49286
Endtner B 55583
Endtz L J 54108
Enell H 52740
Enenkel W 45935
Enerbäck L 35103
Eneroth C M 10184
Enescu I 43989
43992
Enescu N I 9245
Enescu R 44011
Enescu V 43991
43994
Eng G D 38609
Engbring N H 17595
20539
Engel A 32831
45341
54484
Engel C E 29244
Engel E 9124 21274 39893 54324 54325
Engel F L 4870
17065
31407
39197
Engel G C 46524
Engel G L 29268
Engel H 25327
Engel H P 14669
Engel H R 20741
Engel L L 4748
37116
Engel M B 28106
Engel P 46282
Engel S 14149
Engel S L 15620
Engel W J 10992
Engelbart K 24230
Engelberg H 4678
16818
31446
Engelberg R 55003
Engelbert H 40350
Engelberts J J 29984
Engelbreth-Holm J 47574
Engelhard H 23056
Engelhard W E 47630
Engelhardt A 43013
Engelhardt D M 11675
24632
Engelhardt H 21619
Engelhardt H K 7103
Engelhardt W von 53076
Engelkamp H 55600
Engelking R 30544
Engelmann M D 23326
Engels A M 52792
Engels C 25104
Engels E P 24660
24662
Engels J 29079
Engelsberg E 52350
Engelstad W P 1389
Enger E 10380
Engeset A 35405
50305
Engfeldt B 11898
Engisch K 29018
Eng-Kung Yeh 20873
England A C 52582
England N C 5848
Englander H R 16528
17215
17216
Englander O 37638
Englard S 16931
Englaro G 15898
52051
Englaro G C 3634
Engle B 26984
Engle M A 49186
53009
Engle R B 12683
14549
Engle R L Jr 20795
Engleman E P 4837
32471
Englert M 11974
24123
46724
Englert R J 20142
Englhardt-Gölkel A 33999
English A R 31349
English B 40402
English H L 4898
English I C 35979
Engstrand R D 792
Engström A 3519
3761
Engström A 54412
Engström C G 29226
29227
54935
Engström H 15706
Engström I 289
293
12005
Engström L 23821
23822
Engström L 35481
35483
Engstrom W W 17595
Enhörning G 280
12014
Enigk K 34316
Enjalbert (Mme) 41137
Enjalbert L 10406
Enke I 11222
Enkin 18560
Enkler Z K 45863
Enkvist O 21992
Ennecker C 35124
Ennor A H 20342
Enns T 16842
37813
Enoch J M 28588
Enokson P 23853
Enoksson P 23865
Enquist I F 13315
23499
Enriquez A 7988
Enselberg C D 43163
Enselme J 13014
26319
44985
Ensey J E 35759
Enslin J M 22577
Enss H 25386
Entel H J 34488
Entenman C 16903
Enterline H T 835
11770
15999
Enterline P E 20880
Entner N 52350
Entz A 10580
37010
Enzinger F 141
Enzinger J 55359
Eperjessy A 36594
Ephraim A J 46393
Epifanov N S 6011
32550
33584
Epifanova E N 33356
Epifanova O I 46024
Epperson J G 4551
Eppley R W 17321
54397
Epps R G 47229
Epshtein F G 34653
Epshtein G Ia 43402
Epshtein I M 18242
Epshtein R V 34658
Epshtein Sh I 18897
Epsteen C M 24668
Epstein A 46420
Epstein B S 46442
51549
51557
Epstein E 14314
48211
Epstein F H 54 17026 17032 35725 35788 40682 40686
Epstein I G 24721
Epstein I S 2069
Epstein J 15569
53359
Epstein J A 13196
46442
49512
51557
Epstein J I 38833
Epstein M A 2062
14094
16946
25990
Epstein R H 22594
Epstein S 21 23426 31372 36345 38861 52851
Epstein S S 5664
41072
Epstein W A 5410
Erämaa E 36112
Eragan A 50133
Eranil N 46734
Erasmus D A 30366
Erb H 43844
Erb R E 28178
Erb-Debruyne (Mme) 13095
Erbakan N 42951
Erbland J 4744 4779 13792 13836 47945 47961
Erbring H 6700
13649
Erbslöh F 18332
53074
Erbslöh J 23252
Erdbrink W L 34911
46457
Erdei P 36594
Erdélyi A 24029
43572
Erdélyi G 7689
Erdélyi L 20170
Erdélyi M 43082
Erdélyi R 23656
Erdman L W 25144
Erdman W J II 13490
Erdmann A A 40393
Erdmann R L 23380
Erdmann W D 3251
13349
29898
49307
Erdős E G 36570
Erdős T 24024
24025
24026
Erdogan B 36681
Erdoğan G 55094
Erdreich M B 16072
Ereaux L P 38021
Erecinski K 6886
Erede P 9937
Eremeeva A S 25737
Eremin G P 33623
Erenkov V A 7839
Erez N 12402
22366
Erfan A 4957
Erginel H 22385
Ergün N 22379
Erhardt C L 568B
4460
Erhat F 9091
Erich J B 860
12681
Erichsen F 22414
Erickson C C 24200
Erickson E E 35926
Erickson F 7544
Erickson F K 53663
Erickson J C 40264
Erickson M C 617
Erickson O F 47049
Erickson R 752
Erickson T C 5524
Ericson L A 23832
Ericson O A 40120
Ericsson H 10168
32216
32841
35351
Ericsson N O 128
129
12003
Eriksen K R 18357
Eriksen L 32249
Eriksen N 36241
Eriksen S P 16695
Eriksson A W 10330
Eriksson G 22135
Erjavec F 26938
Erkkilä S 21993
Erkoçak A 23570
Erkov V P 45678
Erlande G 29206
Erlander S R 3436
Erlandson M E 30427
31336
Erlebacher A 5028
Erleksova E V 51774
Erlendsson F 10602 10603 10604 10605 25825
Erlich J 35061
Erlicher R 11832
Erlij D 1554
Erlik D 39780
39781
Ermachenko V A 19122
Ermakov V S 41526
Ermakov V V 32573
32576
Ermakova E A 22680
Ermans A M 35355
36071
36203
Ermenegildo F 44336
Ermina M S 45112
Ermolaeva E V 51200
Ermolaeva N V 51753
Ermolenko A I 33228
45223
Ermol'eva Z V 36381
Ernest C D 40120
Ernould H J 36057
36073
Ernsberger R W 49660
Ernst C 12083
Ernst H 15363 15370 32659 32666 32674 45265
Ernst J P d' 30976
54070
Ernst W 42286
Ernstene A C 7007
38484
Ernstene C 2898
Ernster L 1686
1687
Ernsting J 28635
Ernsting M J 43589
Ernstrom C A 19520
Erokhina L G 28806
Eron L D 17691
Eroshkina A M 44016
Erp T van 10520
Erra U 8598
Errandonea J 25937
Errera G 53814
Errera M 48905
Errera P 53607
Errigo E 8360
44176
Ersbak J 52732
Ershoff B H 11772
17813
31343
49375
Ershov F I 55826
Ershova E V 51776
Erskine C A 28081
Erskine D 14179
Erskine J M 23492
Erspamer V 36918
48223
49410
Ertel W 55709
Ertevtsian L N 41676
Erthal J L 13606
Ertuganova Z A 36372
Erukhimov L S 45611
Ervenius O 29910
Erwall L G 45362
Erwin E S 12499
Erwin H J 5448
Erwin K W 12969
Erwin M J 49470
Erwin P D 23476
Esaguy A d' 21592

Esau K 22592
Escalar G 29637 42610
Escardó F 8721
Escardó F 15492 36855
Escarís B H 21781
Esch A F 42047
Esch G J van 25997
Esch I 6085 11034 34184
Eschbach J 26278
Eschbach W 33961 51859
Esche P vor dem 55497
Eschenbach A E 40708 40750
Eschenbrenner A 25460
Escher D J 2894
Eschle K 42827
Escobar del Rey F 21102 35076 35077
Escoffier J B 54137
Escosteguy J A 39987
Escousse A 48887
Escribano J 53903
Escudero A M 39114 47143
Escudero J 24325
Escudero Solano P B 13539
Esculies J 15532
Esdorn I 43603
Eser G 45445
Eser S 45435 45436 52416
Esipova I K 27305
Esipova N G 25905
Eskenasy Y 50555
Eskey A 4920 17115
Eskin I A 13865 22491 41648
Eskin V A 34626
Eskuche I 31326
Eskwith I S 24342
Esmond W G 12822
Esmoriz F 44577
Espadaler Medina J M 9149
Espagno J 19770
Esparza H 1820 13900 37259
Espelien A D 48240
Esperanza C 1552
Espildora Luque C 21197
Espín J 31832
Espinal R B 531
Espinar Lafuente M 21102 53892
Espinar Lafuente M 53925 53926
Espinas J 6944
Espíndula N 53876 53879
Espino Vela J 1553 8224 24326 25669 25672 35625 46864
Espinosa A R 18856
Espinosa J 42208
Espinosa R R 5726
Espinoza J 8906
Espiritu R B 7986
Espitalie 43761
Esplugues Requena J 42205
Espmark Å 22133
Esposito A C 12446 21849 55360
Esposito B 1932 1933 14014 14015
Esposito G 9271 30667 51988 53772
Esposito L 20216 43472
Esposito P 19183
Esposito S 13508 19174 25650 25651 25652 27751 29704
Esquibel A J 15575
Esquivel E Jr 7985
Esquivel F 44557
Esquivel J 8831
Esquivel-Jiménez A 8807 21113
Ess H 18333 35564
Essamma E 50753
Essellier A F 9544
Essen K W 3295
Essen-Möller E 46711
Esser A 28922
Esser C 39387
Esseveld H 25149
Essex H E 12559 23436
Essig C F 11648 27320
Esslen E 51249
Esslinger A A 7506
Essner E 40583
Estable J 8975
Estabrook R W 1368 16933 25412
Estandia A 8831
Estanove J F 51373
Estanove s 6297 6307 51373 51380 51381 51384
Estborn B D 6117
Esteban M 33008
Esterson A 20837
Esterson J 17345
Estes F L 25930
Estes W L Jr 32728
Esteves J 40220
Esteves J E 30240
Estévez R A 8966 31035 32434
Estler C J 6092
Estol C 36845
Estrada W J 35761 47010
Estrada Ocampo G 39616
Estrela H C 39470 39471
Estren S 12592
Estrin I M 31163
Etchart M 21185
Etchells J L 25164
Etcheverry J 26759
Etcheverry M A 44422
Etcheverry M B 27219
Etcheverry R 21193
Etcheves J C 8189
Etcheves J C Jr 8189
Etévé J 31979
Etheiberg S 24068
Etheridge M J 42124
Etienne M 35142
Etienne N 26757
Étienne R 14516 26372
Etienne-Martin P 18553 36647
Etingen L E 47855
Etling N 20752
Eto H 39453
Eton B 5574 29002
Etorena O 952
Etteldorf J N 5710 5720
Etter H 32660
Etter L E 24652 40117
Ettlinger L 15671
Ettori J 25427
Ettre K 55559
Etzensperger P 54885
Eudel F 1455
Euflinger H 2283 6694 32658
Eugenio M 31634
Euler H H 28929
Euler U S von 448 8645 46702
Eurén R 54811
Eurieult M 993
Eurin 43953
Europa D L 18153
Eusebi A J 908
Euxidre J 19365
Evander L C 12796
Evangelinos V 23295
Evangelista de Huerta D 25127
Evans A 37622
Evans A J 48256
Evans A L 12054 41155
Evans A S 7413
Evans B 39729 48157
Evans C A 37565
Evans D 26017
Evans D G 5670 5703
Evans D H 17977 50295
Evans D M 39938
Evans E A 35850 42089
Evans E A Jr 40516
Evans E B 40314
Evans E D 46365
Evans E E 38 11606
Evans E S 39206
Evans F G 22073
Evans H J 19570
Evans H M 2374 12924 39206 39208 44131
Evans H W 27541
Evans J 13339
Evans J A 4521 8569 10092 46384 51317 53728
Evans J M 1165 7439
Evans J S 44092
Evans J V 7160 44039
Evans L J 41864
Evans M 28983
Evans M G 11716
Evans M H 2902
Evans P J 55049
Evans P R 20702
Evans R 28478
Evans R C 13555 36876
Evans R M 28590
Evans R R 2938 10048
Evans T C 46439
Evans T H 47071
Evans T N 7604 12673 38584 38588
Evans V J 2700 5440 5443 16950
Evans W 14039 48155 48294
Evans W C 7173
Evans W G 50289
Evans W P 20933
Evarts E V 8349 44968 50945
Evdokimov P P 41521
Evdokimova E V 33322
Evdokimova L N 55240
Evdokimova S V 18872
Eveland W C 20790
Evelin J 10966
Evelson E 21233
Evelyn S R 1644
Even R 28352 28361
Everard N J 40654
Everett G M 8352
Everett H S 3017 38608
Everett J W 39214
Everett M A 11 11585
Everett N B 5547 37565 42993
Everett S F 45838
Everhart D L 28431
Everitt A V 17367 27565 27569 39571
Everitt K 5344
Everke W 23105
Evers A 22828
Evers E 22342
Everse J W 27920 39974
Eversole W J 2675 31375 49280
Everson G J 41225
Everson R 17156
Everson T C 3168
Everts-Coster C 7321
Evian N 9468
Evis F 2537 14586
Evolceanu R 52280
Evrard A 1622
Evrard E 185 258 46551 46552 46560 46565
Evseenko L S 33614
Evseeva N P 32559 55831
Evseeva V I 51219
Evsiukova A V 51219
Evstaf'ev N T 10762 55228
Evtikhiva E P 45218
Evtushenko L M 45235
Evtushenko N T 12137
Ewald F W 36947
Ewell L H 137
Ewer D W 52460
Ewer R 11073
Ewerbeck H 15414 34125
Ewert E G 10299
Ewert G 45343
Ewertsen H W 22401
Ewertsen H W 22421 34191 35318
Ewing J A 51570
Ewing M 51535
Ewing O D 19306
Ewing W H 2567
Exbrayat C 18563
Exer B 27572
Exley K A 48240
Exnerová M 1317
Exton-Smith A N 48175
Extremet H 48915
Extremet J 48915
Ey H 15653 15810 43106 47173
Ey W 42370
Eyckmans R 36519 38524 36528
Eydam A 22186
Eydieux 43803
Eyer H 34476 39082 42917
Eyerman G S 41203
Eyice S 45453
Eylar O R 45825
Eyler W R 31636
Eyles D E 894
Eymont H 7826
Eyquem A 47393 47394 47998
Eyraud M 14437 14450
Eyre J D Jr 19845
Eyres A E 15570
Eyres T E 41043
Eyrich H 29424
Eyrich M 29424
Eysell K 29490
Eysenck H J 2126 4388 31553 37584
Eysholdt K G 2869 15842
Eysselt M 36940
Eyzaguirre C 5518
Ezes H 23736 26216 26219 26222 26223 26225 35612
Ezrin C 4841
Ezzaoui J L 43899
Ezzo J A 1145
Faaborg-Andersen K 35300
Fåhraeus R 43203 45424
Faarvang H J 22413 46600
Fabbri W 8618 39509 42609

Fabbrini A 49583
Faber J J 36609
Faber K 7983
Faber M 23691
Faber T 25725
Fabi M 1943 25699 25700 25717 42582
Fabian F 26553
Fabian G 22922
Fabian L W 12965 24764 47330 54538
Fabiani A 37390 37391
Fabiani F 32153 32156
Fabiani G 15127 24254 26767 26857
Fabiani S 6909
Fabiano A 9407
Fabing H D 50860
Fabiyi A 40901 40902
Fabjańska L 44181
Fabre 1022 1023
Fabre A 8244 9255 51379
Fabre C 32070
Fabre F 36155
Fabre H 36674
Fabre J 2300 9504 29234 30987 41936
Fabre L 44664
Fabre M 15170 15171 26268 26269 26270
Fabre P 28672
Fabre R 41473 51061
Fabre S 37879
Fabregoule M 434
Fabricant N D 3529 12317 15735 15744 22743 39301 49394
Fabricius J 27099
Fabrikant J I 4518 54668
Fabris A M 30259 35013 39514
Fabris F 23672
Fabris P 30302
Fabris U 25712
Fabritius H F 35319
Fabrizi G 26488
Fabry C 7227
Fabry C 26311 26312 26331 26332 26342 26343
Fabry P 36616 38204 48631
Facchini G 3860 27361 36798 36799 39762 39767 39770 47816
Facchini G M 54279
Facci M 3884 6794 16024 25629 42492
Faccini M 53747
Facquet J 31100 31107 43949
Fadeeva L 14091
Fadeeva V N 33262 33264 33265 33282
Fadiga E 25647 32146 48116 48117 48118
Faegre M L 20251
Fällström C E 43215
Fänge R 12539
Färber D 49931
Faerchtein I 13586
Faerman N N 34654
Fagan P J 32519
Fagan R H 22740
Fagasiński A 33785
Fager C A 6120
Fagg L W 27815
Faggella M L 12709 50990
Faggiano M 26633 27355 27358 27362 27364
Fagin I D 11663
Faglia G 49587
Fagraeus A 11912
Fahey J M 51910
Fahmy A 28313
Fahmy I 19584
Fahn W 34137
Faidherbe P 54194
Faienza C 29120
Failla G 13260
Fain A E 22508
Fain E L 32563
Fain M 9044
Faina A Z 45749
Fainshtein F E 6043 8257 8258 44017 52952
Fair E W 40007 49943
Fair J R 4478
Fairbairn J F H 31475
Fairbairn J W 41318 41322
Fairbairn W R 40158
Fairbank T J 20599
Fairbanks G 5823
Fairbrother R W 41870
Fairchild J P 12274 17913
Fairchild M D 42055 46930
Fairchild R C 17530 41013
Fairley A 47507
Fairley K D 26144
Fairman H D 41071
Fairweather M J 28289 50233
Fait M 11842
Faivovich A 21188 21195 21203
Faivre G 9102 54057 54058
Fajardo R V 7986
Fajers C M 23954 35478
Fajmanová L 14895
Fajon H 44777
Fakataelli N M 25494 30051
Falcidieno P 7749 13513 25539 36819 43467 54268
Falck 42404
Falck B 52456
Falck I 19396 22953 27200 39398
Falco J R 43899
Filcoianu A 31131
Falcon M 18859
Falcone F 1908
Falconer B 49115
Falconer D J 10976
Falconer M A 8292
Faleg G 1496 1498
Falek A 33835
Fales J T 4681
Falet R 51490 51491
Falholt W 22430 32259
Faliu P 41135
Falk A 16990
Falk A B 23518 23521
Falk B 24079
Falk H C 3979 20063
Falk H L 48550
Falkinburg L W 7848 51046
Falkmer S 35464
Falkowska Z 28842
Falkowski S 43691
Falkson G 39923
Falla-Alvarez L 45089
Falleiros E O 13587 13588 36894
Faller C P 494
Fallet G 54191
Fallet G H 13630 39874 54329
Fallet H 41934
Fallis L S 39144
Fallot P 31906 49076
Falls F H 17488
Falls H F 33030
Faloon W W 572 17036 25016 34875
Falsaperla A 37344 48113 48114 48115
Faltenbacher K 32656
Falzone J A Jr 50579
Familiari R 44338 53768
Fan C 48805
Fanchampe A 21346
Fanci U 36227
Fanconi A 31589 54377
Fanconi G 54348
Fandiño Franky J 44549
Fanelli A R 47952
Fang J C 2857
Fang T 38397
Fanghele M 9074
Faninger A 4003 9966 27872 27873
Fanini E 47504
Fanjeaux G 417 419 423 425
Fanon F 55099
Fanta H 3292 11003 45956 46003
Fantes K H 52444
Fantin J 43977
Fantiš A 2784 38284
Fantoni A 51961
Fantová B 38373
Fantová Z 2778
Fantuzzi B 42786 42802 52123
Fanzago G 6854 21442
Fanzago G 29616
Fára M 14032
Farabee L B 23325
Farache S 37283
Faraco F 23754
Faraco P 3898 27624
Farag S A 42059
Faragó I 25387
Faragó L 4131
Faraj E 8924 31858
Farali Mader A 1556
Faraone G 246
Farber E 4756 26474 34941
Farber I J 5449
Farber M A 21890
Farber M B 5006
Farber S 5735 11743 13242 51054
Farber S M 1284 38630
Farber V V 8262
Farberman V I 45223
Fardeau R 34142
Fardig O B 24998
Fardon J C 2669
Faredin I 11195 41616 52909
Farello G E 39507
Fargeas J 26952
Fargeon A 47439
Fargeot 43761
Faria A L 21065
Faria H C 16143 39982
Faria J C 39987
Faria J L de 39979
Faria O A 13589
Farías E 8684
Faribault C 45544
Farin I M 46664
Farina D 20401
Farina E 14000
Farina L. 36781
Farina R 13025 21086 33439
Farinelli A 25690
Farinet G 19243 29605
Farinha M 40834
Farinholt L W Jr 21800
Faris A M 35761
Fariton 42441
Farjat F P 44406
Farkas E 10274
Farkas E 23783
Farkas I 28792
Farkas L 13883 14832 27110 55589
Farkas M 53088
Farkas M E 4729
Farkashidy J 41069
Farley J D 26129
Farley S E 33106
Farmer A W 38006
Farmer A X 18021
Farmer B L 20516
Farmer F T 37612
Farmer L 2358
Farmer R 14619
Farmer T H 52362
Farmer V C 25877
Farnan P 4881
Farnarier G 18638 25469 36147 41482
Farneti P 6841 6846 6847 50790
Farnham A E 22589
Farnsworth D L 17696 45275
Farnsworth E B 8476 31325
Faro M M 50079
Farooq M 14471
Farooqi H U 34307 55567 55568
Farquhar J W 1408 37695 41818 51337
Farquhar M G 167
Farquhar R W 44863
Farquharson E L 20598
Farr L E 38835
Farr M 45278
Farr R S 40943
Farran H 17232
Farran H E 14245 14246
Farrand E A 495 47137
Farrar J T 39461
Farrar T 12026 18142
Farrell G 20345 39191
Farrell G L 39210 49259
Farrell J J 50207
Farrell L N 48480
Farrell R K 4628

Farrell R K 15234
Farrington J 32527
Farrington J A 48243
Farrior R T 5076
Farrow C D Jr 40342 50244
Farrow J H 48541
Farrow J L 14224
Farulla A 15245 26502 53800 54209 54212
Faryna T 43693
Fasanella R M 24540
Fasano V A 19249
Fasciolo J C 8986 8989 26719 26721
Fasella P 36804
Fashinskaia A M 45159
Fasoli A 31780
Fasquelle R 32043
Fassbender C W 39386
Fassett D W 45886
el-Fassi 41994
Fasske E 23102 23115 34170 34448
Fassone M G 29726
Fast J 29499
Fastier F N 36991
Fateeva M V 19103
Fati S 13469 54293
Fatt P 5781 28625
Fatti L 2157
Fattovich G 8617
Fau R 54087
Faubel W 13383
Faucett R L 768 29752
Faucon G 13464 26683 26684 26869 26870 26928 32944 36591 48892
Fauconnet L 30599
Fauconnier B 47401 47418
Faugeras G 24902 36177
Faulconer A Jr 35980
Faulds J S 48203
Faulkner E J 7269 15919 17529 29929 31244 41011
Faulkner W R 41229 46901
Faulong L 50354
Faur A S 41393
Fauran P 36551
Fauré C 17987 25487 35435 38779
Faure H 18625 18627 24287 36134
Faure J 9213 20518 26770 54084 54085 54089 54099
Faure L 26235 26236
Faure M 13053 26317 26318 26339 26340 38744
Fauré-Fremiet E 5902
Faurre L E 54905
Faust C 25369 27016
Faust E C 25111
Fausto N 20733
Fauvert R 9013 21359 21276 21282 24222 32687 32938 33381 43967 43974 43979 44608 44626 45041 54009 54010 54011 54012 54294 54468 55095
Fauvet J 2314 50561
Fava E 6788 42481
Favard P 3047 36511
Favarger P 26314 39919
Favelukes S L de 25869
Faver G L 36413
Faveret C F 9197
Favero P A 29664
Favez G 30630 32320 32325 39865
Favier G 1424
Favour C B 45272 47548
Favre A 30978
Favre M 30631
Favre-Bonvin J 26323
Favre-Gilly 32207
Favre-Gilly J 54150 54302
Favro P G 52038
Favuzzi E 19198 27650
Fawcett D 40579
Fawcitt J 37656
Fawns H T 13422
Faye C M 26901
Fayolle 29142
Fayolle J 2385 2389 2394 2395 2396 2397 2405 2409 2410 2411 2412 2413 6313 6320 28489 36089 41943 41950 51387 51388 51389 51390 51391 51394
Fayoux C 38726
Faz Tabío H 8841
Fazakas J 34272
Fazakas S 23741 45369 45374
Fazakash I 43384
Fazekas I G 3589 27133 36500 36501 41612 41618 41624
Fazekas J F 35697
Fazekas de St Groth S 40896 40897
Fazio A 26584
Fazio B 36721 36748
Fazio C 19233
Fazio M 42681
Fazzari I 9941
Fazzi P L 54237
Fear E C 14225
Fearnley G R 38613
Feaster B L 35466
Feather D B 2152
Featherson 16613
Featherstone R M 16613
Fechner P U 28877
Feddersen K C 39950 39959 39965 42402
Fede A 18536
Feder B H 24975
Feder C 3343
Feder N 16955 50735
Federico O M 15025 31409
Federman D 19818
Federman D D 15913
Fedi A 13989 54207
Fedi M 37295 49409
Fedi N 48099
Fedida M 3054
Fedinec A A 46443
Fedorchuk Iu G 3564
Fedorov B P 54552
Fedorov Iu V 22700 33648 34676
Fedorov M I 52954
Fedorov M M 3820
Fedorov N A 34681
Fedorov V D 51925
Fedorova A G 1761
Fedorova N I 34630 34632 34634
Fedorova N N 55199
Fedorova O D 9895
Fedorova T A 41686
Fedorova T A 51764
Fedoseev A N 48050
Fedotenkov A G 45685
Fedotov D D 34760
Fedotov V P 51772
Fedriga G 31767
Feemster R F 19812
Feeney G C 44980
Feeney M L 34912
Feer Y van der 12205 30651
Fegeler F 34044
Fegerl H 22840
Feggetter S 40974
Fegiz G 20968
Fegler G 36620
Fehér E 52893
Fehér I 3474 49366 49378
Fehér L 6093 11206 29155
Fehr A M 10272 10273 54375
Feibush J S 30174 35647
Feider Z 34320
Feig M 11064
Feigelson P 38088
Feigen G A 32355
Feigen G M 23503
Feigenbaum A 230
Feigenberg I M 55857
Feightner R L 40938
Feigin I 50934
Feljő L 13609
Felke F K 22842 22880
Fell H 2914 53569
Feinberg A W 38489
Feinberg H 2926 35797
Feinberg I 11656
Feinberg M 16686
Feinberg M R 5124
Feinberg S B 823 6981 20946
Feinberg S M 8477 24311
Feinblatt H M 3390 12781
Feinblatt T M 3390 12781
Feinbrun N 27558
Feingold D S 16892 47707
Feingold S N 47782
Feinstein H 52837
Feitelberg S 5418
Feix Č 2745 31790
Feizullaev A Z 34749
Fejes K 52880
Fejfar Z 1317 26542
Fejfarová H M 1317
Fejgin M 41660
Fejkiel W 32175
Fekete A 53077
Fekete E 5426
Fekete F 42426
Fekete G 52923
Fekete L 43104
Fekete L L 17594
Fekete S 10276 10282
El Feki M 47756
Fel' V Ia 33282
Felbo M 46611
Felch W C 55289
Feld M 9212 34143
Feldberg W 5789 46685
Felder E 49367
Felder J 21617
Feldhake C J 31300
Feldheim G 25266 34514
Feldheim W 46269
Feldherr C 19482
Fel'dman A I 10784 55241
Feldman B 44226
Feldman D 31124 32866 35684 47935 49251
Feldman D E 44977
Feldman D J 47780
Fel'dman G I 9903
Feldman G L 46463
Feldman H 20850
Feldman H A 7878
Feldman J 18829 53887
Feldman J D 11751 28330
Feldman J J 4400 6764
Feldman M 5439 8755 17778
Feldman M J 4910 17147
Feldman P E 47177
Feldman R 36242
Feldman R S 4947
Feldman S 13457 35138 49374
Feldman S 52574
Feldman S A 961 962 24766
Feldman S M 15943
Feldmann E G 4567 16731
Feldmann H 32270 36485
Feldmann S 46256
Feldmesser-Reiss E E 50906
Feldstein M 660
Felici A 9358 31704 31707
Felici W 8052 39773 52125
Felician J 36133
Feliciano J L 32057 49732
Felipozzi H J 42194
Felisati D 37463
Felistovich N B 45244
Felló R 21177
Felix A J 35874
Felix H 430 45025
Felix K 27896 27910 29792
Félix M C 3052 32912
Felix W 15366 29086 34609 38932 49011
Felkai B 7717 11199
Felkai D 23770
Felke J 3255
Felkel O 6083
Fell B F 37588
Fell E H 145 46510
Fell H B 6251 28295 41340
Fell M R 17835
Fell S C 47597
Fella B 15867
Fellländer M 11889
Felland O M 5281
Feller A 22996
Feller H 42911
Feller I 54725
Feller K 43009
Fellers F X 30130 43513
Fellig J 29829
Fellinger K 22856 46031
Fellman J H 7150
Fellmann N 11299

Fellmann N 23100
Fellner C H 24630
Fellowes O N 5146
Fellows E J 51072
Felmann G 43776
Fels E 44596
Fels I G 51288
Felsenreich G 30060
Felson B 15534 34876 47216
Felt V 26554
Felten H 15880
Felten P 37899
Felton J S 18027 28124
Felts J M 40569
Feltynowski A 42996 49380
Feminella J L 16906
Fenchel G H 20855
Fencl V 26513 26543 31789
Fender D H 51108
Fenech G 39316
Fenesan-Dinu E 25446
Feng C H 38400
Feng L C 14935 48680
Fenge W 32700
Fenichel R L 16821
Fennell R H Jr 43299
Fenner F 29292
Fenske S A 55346
Fenton A E 17711
Fenton A H 41314
Fenton K 30421
Fenwick M L 7254 25861
Fényes I 23805
Feo A 8938
Feo F 48851 52428
Feodorov N A 1780
Feofilov G L 10811 18268 54554
Feola R 44415
Ferayorni R R 15541
Ferber B 52662
Ferber B M 45710
Ferber E 49918
Ferebee S H 14399
Ferencz P 7690 28785
Ferenczi A 22967
Ferenczi G 25811
Ferenczy K 43368
Ferens T 11449
Férgola-Miravet L 8795
Ferguson A B Jr 29864 54737
Ferguson A D 42043
Ferguson C C 14650 14665
Ferguson C F 36279
Ferguson D J 22020
Ferguson E A Jr 3390 12781
Ferguson E H 11568
Ferguson F C Jr 31403
Ferguson F F 886 24705 47269
Ferguson I D 23352
Ferguson J 38613
Ferguson J A 54746
Ferguson J H 12388 31346 38571
Ferguson J T 24631
Ferguson K G 48475
Ferguson L 55054
Ferguson L E 12366
Ferguson L K 863 19876 48747 54704
Ferguson M 14732 20003
Ferguson M H 14603
Ferguson R B 44107
Ferguson S A 42854
Ferguson T B 5890
Ferguson T M 34954 46463
Ferguson-Smith M A 19642
Fergusson J D 25991 37665 53514
Feria Q A 34914
Ferina F 13954
Ferlin H J 16870
Ferlini A 3878
Ferlinz R 25801
Ferloni A V 21249
Ferm V H 4972
Fermin Corral J 13550
Fernand E 30129
Fernand E A 12296
Fernand V S 2057
Fernandes A A 4353
Fernandes F 4180
Fernandes M 50087
Fernandes M V 34407
Fernandez A 954 31017 54844
Fernández A A 21789
Fernández C 11723 18477 23281 27460 34937 41898
Fernández E 13894
Fernández F 8989
Fernandez F J 49692
Fernandez J 24038
Fernandez J C 1830 8723
Fernández J J Jr 13522
Fernández J M 3327 15470 15514
Fernández L B 3322 3329
Fernández O 8906
Fernandez R 26721
Fernández Basabe E 44504
Fernández Blanco E 39125
Fernandez-Cano L 49507 49508
Fernández de Castro J 29374
Fernández del Vallado P 54192
Fernández Echázabal J 44499
Fernández Encarnación F 31863
Fernández Fabro R F 39101
Fernández Fernández S 21138
Fernández-García G 21108
Fernandez-Herlihy L 41786
Fernández Martínez P R 8832
Fernández-Morán H 15714
Fernández Nafria A 8956
Fernández Ortega J M 4068
Fernandez-Pellón R 43941
Fernández Rodríguez O 21200
Fernández Rozas F 15527 39097
Fernández-Ruiz C 8869 9412 10399 33009 38530 43936
Fernández-Sánchez F 8854
Fernández Sanz S 31811
Fernández Vila V 31931 31932
Fernández y Fernandes M 3697 4349 4361 39466
Fernández-Zoila A 997
Fernando A N 7989
Fernando M 37642
Fernau-Horn H 16112
Ferner H 3269 33927
Ferney J 26679
Fernex C 49871
Fernex M 49871
Fernicola C 3337
Fernley H N 7173
Fernström I 15974 15984 23820 43195
Ferola R 18491 20214 20221 20227 20228 20229 29125 43471 43475
Feroldi J 24224 51369
Ferolla S 19171 52000
Ferond M 9510
Ferone-Chapesuville J 44880
Feroze R M 14062
Ferraboschi P 37164
Ferrabouc L 37865
Ferracuti F 245
Ferrajoli F 27646
Ferrand G 6358 36147
Ferrand J 401 404 24239 24244 24269 42432
Ferrand P T 52135
Ferrand de Almeida F 34238
Ferrant 47459 47460 47461
Ferrante G 51988
Ferranti L 25697 25701 25705 25711 25713 25715
Ferrara A 9593 37484 37522
Ferrari A 29650 39523 42580 42669
Ferrari B 53688
Ferrari C 331 333
Ferrari C G 25422
Ferrari E 13509 37493
Ferrari G 1847 3540 28054 28062 37287 40183
Ferrari G C 1999
Ferrari M 1995 3881
Ferrari S 31665
Ferrari V 35531
Ferrari W 53863
Ferrari Forcade A 37776
Ferrario J C 27202
Ferrario Agostoni A 1905 6915 36776
Ferraris E 36790
Ferraris F 28614
Ferraris L V 8754
Ferraro A 25559 25564 25566 31664 44362 53765
Ferraro R 13989 54207
Ferraroni L 21476
Ferrata A 39766 39768 52069
Ferrato E 29594
Ferrauto A 37355 37356 37357
Ferraz A Jr 13639
Ferrebee J W 10433 24976 37222 48055 50711
Ferreira A 31853 31855
Ferreira A C 12097
Ferreira A J D 15577
Ferreira C 29357 50085
Ferreira C A 7596
Ferreira C do A 12894
Ferreira D 4352 26733 42201
Ferreira E M 16476
Ferreira H 16152
Ferreira H P 1416
Ferreira J A 1844 8183 25949 32425 44412
Ferreira J C 44464
Ferreira M 12913
Ferreira Berrutti P 25658
Ferreira da Silva Teixeira I 26734
Ferreiro M 3175
Ferrer-Arenillas M 8862
Ferrer-Oms A 8867
Ferrera C do A 12900
Ferreri G 9283
Ferrero B 35945
Ferrero C 41937
Ferrero P G 6809
Ferrero S 31761
Ferres H M 15047
Ferreyra Revel L 31801
Ferri B M 44358
Ferri L 16027 24930
Ferrieux J 27736
Ferrini O 36723 36724 36738 36745 42749
Ferrio L 21466
Ferris B G Jr 30113
Ferris B G Jr 46404
Ferris D O 6976 31468
Ferrís M 42207
Ferris R D 2061 5644
Ferrís Santes M 42216
Ferro A 193
Ferro Milone F 42724
Ferron E 51374
Ferron M 22465 33420
Ferroni A 1889 36775
Ferrou C 8688
Ferrou C A 21778
Ferru M 25497
Ferrucci M 11957 25708
Ferruzza M 30669 30670
Ferry C 26257
Ferry R M 17398
Ferster C B 53622
Fertig J W 30423
Fertil P 43742
Fertitta S 24934
Fertman M B 50164
Feruglio F S 37408 37409 37410
Feruglio G 41 39644
Fesani F 1897 24940 24941 26596 47808 48684 48685
Fesce A 13930
Feser B 15851
Fesiuk N V 12121
Fessard J 51484
Fessas P 10325 52360
Fessler W 46220
Festenstein G N 1648 13697
Festing S 28843
Fetterman G H 24412
Fettweis E 18998 34302
Fetzer J A 4548
Fetzner H R 27000
Feudell P 27176
Feuer G 41607
Feuillerac J 32921
Feuillault R 18501
Feurstein G 36951
Feuser J 42263
Feustel A 55743
Fèvre 37891
Fèvre M 2305 34253
Few A V 37105
Fewster J A 1651

Fey B 28686 41473
Fey H 32301
Fey W F 40737
Feyerabend G 29481
Feyrter F 22872 29122 33532 48351 55402
Fezzi G 9316
Fiadina D D 33658
Fiala G 5541
Fiala S 7132
Fiala Y 41769
Fiala Z 22971
Fialaire R (Mme) 3053 3057
Fialho F 8744 21054 44444 44452 53867
Fiamberti A M 42605 42606
Fiandesio D 19239 19240 19241 19242 19244 42600
Fiandra O 35456 36676
Fiaschi E 31682
Fibiger H W 16221
Ficari A 25528
Ficarra B J 12301 14067
Ficat P 9224 21394
Ficco J J 3311
Ficek W 7091 30398
Fichera G 44827
Ficheux J 32060
Fichev N 28725
Fichez 14446
Fichtelius K E 42455
Fick W 8723
Ficola F 9422
Ficq A 51306
Fidalgo O 42949
Fidalgo Díaz M A 44589
Fidanza F 25722
Fiddes F S 2232
Fideleff E 8684 51049
Fidler H K 5927 14653
Fidlin Z Ia 55210
Fiebrand H 25391
Fiedler F E 17163
Fiedler H 1322 13372 36459
Fiedler L 25084
Fiegel G 42895 42937 45398 49142
Fiehrer A 9176 54125
Fiehring H 15374 19433
Field A C 37596
Field G 28553
Field J 17242
Field J B 2713 2726 27243
Field L E 15235
Field L W 17959
Field M F 28213 28214
Field M J 50831
Field S E Jr 12554
Fielding H E 35656
Fielding R T 5733
Fields A S Jr 6213
Fields H 7625 20058 35743
Fields J 34887
Fields J A 11729
Fields J P 31447
Fields M L 6121
Fields T 10117
Fields W S 4511 19798
Fienberg R 12399 19863 20078
Fierabras E 54893
Fierer E M 12343
Fierro C 8704
Fierro del Rio L 31868
Fierst S 13315
Fierst S M 15943
Fieschi A 31689
Fieschi C 37323
Fieschi G 37324
Fievez V 46562
Fievez V A 46558
Fife M A 13037
Figar Š 38177 38292
Figares E 13545 54540
Figiel L S 6488
Figiel S J 6489
Figueiredo J M de 4354 40212
Figueroa M A 37282
Figueroa Casas P 7582 24741 35967
Figurina T D 5946
Fikenscher L H 20317
Fikentscher R 34582
Fikhman B A 55830
Fikova-Detsanova P 41586
Filadoro F 13344
Filatov A N 45663 45672
Filatov P P 37211
Filatova N D 47867
Filer L J Jr 50963
Filhoulaud H 40971
Filimonov I N 33456
Filimonova-Dylkina A A 7923
Filipec L 33373
Filipecki S 30763 30777
Filipescu I 46074
Filipov S 28726
Filipović A 28902
Filipović-Ristić B 22638
Filipowska I 33677
Filipp G 12199
Filippi B 25452 42759 52114
Filippi M 38792
Filippini G 21019
Filippini V 8629
Filippini Battistelli U 25563
Filippone A 25967
Filippovich S I 37167 49558
Filippycheva N A 22663
Filipsson R 35079
Filitti-Wurmser S 21295 53936
Filiu M 24289 53021
Filla E 29644 29645
Filling S 35318
Filliou M 30467 53022 53024
Filmer-Bennett G 40727
Filo O 31793
Filogamo G 15144
Filograna V 29644 29645
Filosi L 9335 21467
Filotico M 42682 44171 53582 53592
Filsaková E 48653
Filshie I 5677
Fina G 7740 7741 8800
Finamore F J 27406
Finardi G 43627 49578
Finberg L 43511 43512 53005
Finch C A 503 17057 17066 17067 43133 52597
Finch E 25037
Finch E P 7025 7028
Finch S C 9569 55427
Finch S M 28502
Fincham W J 18390
Fincher E F 818
Findeisen D G 12192 50013
Findlay B S 14624
Findlay J D 8278
Findley A 10490 10492 47541
Findley T 10439
Fine G 34953
Fine J 25987 31424 52636
Fine J M 7204 39258 44629 53998
Fine M 24541
Fine M G 33082
Fine R 44222
Finean J B 14199 15681
Fineberg S K 3983
Finegold S M 25007 25030
Fineschi G F 27615
Finesinger J E 44246
Finetti P 9014 9021 15105 15106
Fingarette H 8400
Finger I 5009
Finger R F 1393
Fingerhut M 43017
Fingl E 17950
Fini M 6283
Fini Storchi O 1854 1858 48108
Fink B R 40263
Fink B W 17915
Fink D R Jr 4389
Fink H 23063 34236 34237 46184 47248
Fink L 22355 53611
Fink M 76 7394
Fink M L 54586
Fink S 46916
Fink S L 4916 40707
Fink W H 52144
Fink W J 47285
Finkbeiner H 40184
Finkbeiner J A 48541
Finkbiner R B 46949
Finke J 19763
Finke L 29452 29487 42315 51863
Finke W 12203 30168
Finkel' I I 32563
Finkel M J 29324
Finkel M P 9565
Finkel' Z N 45171
Finkel'shtein S I 10798A 10820 55244
Finkelstein A 17329 47221
Finkelstein H 52403
Finkelstein M 43782
Finkelstein R A 45375
Finkelstein S Z 8381
Finkemeyer H 34600
Finkenstaedt J T 6745
Finkentey H 33976
Finkle B J 47955
Finkler A E 20756
Fin'ko D I 10883A
Finland M 7863 25000 29248 30119 31386 43513
Finlay J M 36249
Finlay J R 24551
Finlayson J S 37088
Finley C J 24467
Finley J H Jr 4548
Finley K E 19811
Finn D B 8267
Finn R K 47627
Finnerty J J 24499
Finney D C 47275
Finney R S 17952 28610
Finney W A 16867 23351
Finocchi F 24930
Finocchiaro J 42187
Finocchio F 37161
Finochietto R 8161 8181 8193 9700 9721 44447 53860
Finoelst M 20517
Finowicka K 30696 30697
Finucane D L 16752
Finzi A 42603 3904
Finzi A F
Finzi M 42604
Fione E 29735
Fior R 7752 13503 13504 20526 25718 35343 42880
Fioramonti M C 5440 5443 16950
Fiore G 29643 39508
Fiore-Donati L 1878 37483
Fiorelli E 39878
Fiorentini H 9182 18635 36088 36097 36104 36105 47756
Fiorenzola F 13508 19177 25650 25651
Fiorese F 10138
Fioretti G P 39678
Fiori A 19589
Fiorillo A M 16126
Fiorina L 6949
Fiorio C 29642
Firedman I 17115
Firehammer B D 4648
Firfer R 5920
Firket H 7184 39294
Firkin B G 36990
Firmat J 6696 48058
Firme C N 54757
Firpo C A 37286
Firsov L A 49564
Firt P 9430 9431
Fisch C 14958
Fisch L 7590 41830
Fisch R I 40756
Fisch U 10355 21643 21645
Fischbach I 23596
Fischbach M W 50112
Fischberg D 20624
Fischberg M 4983
Fischel 53631
Fischel E E 2888
Fischer A R 49877
Fischer C C 49829
Fischer D A 12792
Fischer D C 24360
Fischer D L 50248
Fischer E 30639 39216
Fischer E K 52220
Fischer F 22758 43224 53582
Fischer F J 50377
Fischer G A 48567
Fischer G G 114
Fischer G W 17475 25219
Fischer H 19406 49918 49928

Fischer H E 27557
Fischer H G 11398
Fischer J 34460
30136
44877
Fischer J W 6532
Fischer K 42867
Fischer K C 42059
Fischer M 19150
Fischer M G 25043
Fischer M H 43576
Fischer O 52268
52273
Fischer P 23524
47688
Fischer P A 39021
Fischer R 31890 33526 41896 42458 53999 54337 55463
Fischer R E 30875
Fischer S 23551
23968
Fischer W 6687
42324
42892
Fischermann K 23949
23957
Fischgold H 32379
35428
Fischl J 15020
Fischler M 54791
Fischman A 36300
Fischman M 8174
8177
46759
Fischman O 16129
Fischman S 9701
Fišer-Herman M 10907
Fišerová B 14844
Fish B R 23325
49853
Fish C A 31462
Fish F 50827
Fish J S 32535
47017
Fish R G 7404
43156
Fish V J 17046
Fishbein M 8137
40949
43732
48379
Fisher A A 36236
Fisher A M 10423
Fisher B 144
40774
Fisher C 50281
Fisher C B 17718
Fisher C J 572
25016
34875
Fisher C M 17006
Fisher D 23357
Fisher D L 5896
Fisher E Jr 24567
Fisher E R 89 132 455 456 707 6116 24431 34881 46494 49711 53062
Fisher G C 3792
4913
28099
Fisher H 1385 2080 31423 41230 41236
Fisher H R 13281
Fisher H W 1155
49849
Fisher J 17170
Fisher J F 47231
Fisher J H Jr 17646
Fisher J J 29320
51595
Fisher J P 4392
4393
16519
Fisher K D 8023
Fisher L M 16847
Fisher M 37729
Fisher M R 15060
Fisher M W 45803
Fisher P B 35927
Fisher R A 7246
Fisher R S 35229
Fisher S 16492
Fisher S H 19081
23420
Fisher T N 24640
Fisher W 20004
49854
Fisher W M 44266
Fisher-Williams M 4894
Fishgold H 26211
Fishleder B L 461
1553
Fishman I M 52850
Fishman J 13410
28246
Fishman J A 17341
Fishman L G 41687
Fishman M N 34730
41653
Fishman N 752
Fishman R A 4874
Fishman W H 7126
Fishzon-Ryss Iu I 33175
33177
Fisk A 36202
Fiske V M 49256
Fisken R A 1292
Fiskin E A 45687
Fitch E A 5882
Fitkin V I 43404
Fitterer D W Jr 20924
Fittkau S 49916
Fitts G M 51153
Fitts P M 17268
Fitts W T Jr 10083
15999
35871
54730
Fitz-James P C 16961
Fitzek J 25820
Fitzgerald J J 27820
FitzGerald P A 28464
Fitzgerald P J 26405
51289
51314
Fitzgerald P L 24560
Fitzgerald P R 12724
51001
Fitzgerald R D 6519
Fitzgerald R J 16889
Fitzgerald W J 43174
43307
Fitzgibbon H 48511
Fitzgibbon J 839
Fitzhugh O G 55001
Fitzig H 31140
Fitzpatrick E 3167
Fitzpatrick H F 36326
46512
Fitzpatrick J G 24499
Fitzpatrick K M 2614
FitzPatrick M J 1139
Fitzpatrick T B 41001
Fitzsimmons W M 25061
Fitzsimons J T 48143
FitzSimons R 26576
Flume S 9396
32120
32121
38552
Fix L W 10978
Fixler Z C 40320
Fizély L 48620
Fjeldborg N 43224
Fjermeros H 22246
Flåtten Ø 22237
Flack H A 22087
Flacke W 51075
Flahaut J 53554
Flaherty R A 45563
Flam L 16515
Flamand C 36060
Flamand E L 53972
Flament C 25101
25105
Flament J 35245
35250
46617
Flament-Durand J 46617
Flamet J 44703
Flamm E 49038
Flamm H 22765
46243
46245
Flamm H 54390
Flanagan E 30641
Flanagan J B 49776
Flanagan J L 5832
Flanagan V D 20145
Flandre O 19351
19355
Flandreau R H 36319
Flandrois R 26909
48835
Flanigan W J 45550
Flanigin H F 31005
Flannagan E 19793
Flarsheim A 44256
Flasarová B 14819
Flataker L 11651
Flatmark T 22235
Flatt A E 16982
Flax H 16337
Flear C T 35181
Fleck A 49287
Fleck F 3210
27118
Fleck M 12197
Fleck S 24591
Fleckenstein A 30504
Fleetwood J F 28464
Flegel H 3226
4000
Fleger J 51686
51709
Fleetwood J F 17548
Flehmig R W 46793
Fleisch A 30573
Fleisch A O 49872
55545
Fleisch-hacker H H 41200
Fleischaker R J 22473
Fleischer E 14631
Fleischhacker H 27006
Fleischhauer G 55689
Fleischhauer K 43019
Fleischmajer R 20618
Fleischmann W 5720
Fleisher G A 15942
Fleisher J H 14128
14129
Fleishman E A 5030
Fleishman M 12501
12502
Fleiss A N 12593
Fleissig G 52239
Flekkel' A B 45886
Flekser S Ia 45152
55828
Flemans R 19459
Fleming A R 16573
Fleming B G 17741
50855
Fleming D G 16848
Fleming E G 51554
Fleming H A 48153
54917
Fleming H S 46064
Fleming J 54435
Fleming J B 5569
Fleming J F R 52572
Fleming J W Jr 7003
Fleming M C 48240
Fleming P 16062
Fleming P C 37644
Fleming R 19988
20006
Fleming T C 44968
Fleming W C 32534
Fleming W R 4810
Fleming W W 13006
Flemming F 11313
Fleš M 1373
Flesch R 11202
Flesch W L 33077
Fleshler B 50459
Fleszarowa I 30716
Fletcher A H 38143
Fletcher A P 4861
33070
Fletcher C 22282
Fletcher C M 11600
Fletcher D E 40441
Fletcher E 37718
Fletcher E D 21407
Fletcher E E 23306
Fletcher G H 26404
38145
Fletcher H G Jr 47705
Fletcher J C 11801
Fletcher J L 28664
Fletcher K 41348
52396
Fletcher M C 11684
Fletcher P E 35091
Fletcher S G 16938
Fletcher W B 21737
Fleurette J 2386 2399 2400 6314 51395
Fleury 13081
13083
Fleury C 9524
39916
Fleury H 35227
Fleury M 41367
Flick H 11326
55599
Flickinger R A 17277
Fliedner T 32675
Fliedner T M 9977
44134
51309
Flieringa H J 7349
7350
Fliessbach W 39004
Flinchum D 21854
Flinn J E Jr 16077
Flinn R H 472
Flint J C 4640
12735
Flippin H F 1144 3661 12774 35892 41037
Floch H 14426 14436 14445 32011 36550 36551 36552 36553 37273
Floch M H 52671
Flock E V 4456
35122
Flocks M 10410
Flocks R H 33093
33100
55031
55046
Flodin N W 12644
Flom M C 12458
Flom R S 22009
Flon H 25416
Flood C A 52665
Flood C M 29012
Flood J 15395
Floodgate G D 29857
Floody R J 39157
Florange W 24908
24910
24912
Florelius S 22241
Florence R W 52767
Florence T J 33094
Florens A 2426
2423
Florentin A 7992
Florentin P 2324
9096
Florentin P 31970
Florenzano R 44565
44571
53963
Florès C 25099
Flores G 13520
Flores M 4774
Flores Espinosa E 48741
Flores Espinosa J 27527
Florescu I 31142
Florey E 51105
Florey H W 5624
5636
30627
Florey, Elisabeth 41337
Florey, Ernst 41337
Flórez Tascón F J 29353
Flórez Tascon F J 51625
53927
Flórián E 55635
Florin R E 14562

Florio A 1129
Florkiewicz H 53105
Florkin M 21319 21323 21331 36611 36613 42969
Floro G K 16240
Florsheim W H 46586
Flosi A Z 50435
Flotte C T 49655
Flottes L 31925
Flowers C E Jr 12387 45077
Flowers J 15593
Floyd E 33079
Floyd J B Jr 50700
Floyd W E Jr 50803
Floyer M A 41796
Fluder Z 54389
Flück H 30624
Flückiger H 27846
Flugsrud L 11981
Flute P 52441
Flux D S 17235
Flynn C T 27067
Flynn E W Jr 22608
Flynn F V 28962
Flynn J 40120
Flynn P 2510
Flynn P F 24390 24391
Foá C 20960
Foá P P 15632 31431
Focardi E 53764
Fochem K 29167
Focht E F 8563
Fock G 11870 35069
Focken A 42271
Fockert J A de 7275 19732
Foddai G 52058
Fodor F 32586
Fodor I 11174
Fodor L 13879
Fodor M 7706
Fodor N 8405 44229
Fodor O 1451 31121
Fodor P J 1341
Fodor T 11467 25811
Foegelle E F 33878
Fõldes I 22358 29882 34341 41626
Fõldes J 52921
Földi M 20159 24029 29157
Földi M 42386
Földvári F 19458 37234 38862 48072
Fælling A 44888
Föllmer W 38947
Fölsch E 19755
Foelsche W 4002
Förster A 27120
Foerster D W 7415
Förster W 23614
Förtner H G 28905
Fog C V 35294
Fog J 32236A 32237 44908
Fogarty J E 9270 12800
Fogarty T F 24342
Fogel M 29162
Fogel'son T A 34658
Fogg G E 13827 25302 25303
Foggitt F 35095
Fogh J 2688
Fogwill M 48691
Fois A 44358 44359
Foit 44006
Foix A 20045 20047
Fojanini G 25543
Fojtík F 2754
Fokke W M 36865
Folbergr J 5476 7125
Folbergrová J 41202
Folch J 15683
Foldes F F 12877 36570 37536
Foldes G 18740
Foley A R 26416
Foley C J 49936
Foley G E 26450 26451
Foley J C 35864
Foley J M 17798
Foley T J 11062
Folk E F III 24345
Folk E R 15742
Folk J E 13397 22220 40542 40543
Folkerts J F 55753
Folkes J P 1655 1656 7245
Folkow B 35388 35389 46694
Folkson A 41828
Foll C V 13424 41460 41465
Folley S J 14189
Folli G 13155
Follin S 15654
Follis R H Jr 15754 20772 24365 33053
Follmann J F 54857
Follmann J F Jr 16645 17872 35844
Folman M 9117 20803
Foltz C M 51924
Foltz E L 50949
Folusiak J C 543
Fomicheva N I 39593
Fomin G B 7910
Fomin N N 22614
Fomon S 11718
Fomon S J 30429 43497 43521
Fónagy I 27475
Fondarai J A 26931 26932 32948
Fong H W 50028
Fongi E 13005
Fonio A 29399
Fonseca A da 3700
Fonseca D 36844
Fonseca F 48740
Fonseca I 15951
Fonseca M 12898
Fonseca e Castro 50080
Font-Reaulx R de 52006
Fontaine G 25465 35354 53028
Fontaine H 13096
Fontaine M 15065 38676 44761
Fontaine M (Mme) 38676
Fontaine R 4818 7758 10038 18015 18543 19776 22838 31060 35058 51368 53369
Fontaine Y 35498
Fontaine Y A 38632
Fontan 41104
Fontan A 30451
Fontan F 42414 42415
Fontana A E 44583
Fontana G 52070
Fontanari D 54271
Fontanarrosa H O 9672
Fontanili E 21505 44816 44845 44846 44847 54266
Fontanilla B C 8014
Fontanillas J L 25622 36796
Fontanille P 5328 41133
Fontanini F 1867 29640 37466 37467 42612 49581
Fontayne 2018 54032
Fontenelle F 11838
Fontes A K 50885
Fontes V 11244
Fonti F E 43473
Fontoura Madureira H de 46767 46770
Fontvieille J 41146
Fonty P 24780 25481
Fonyó A 24036 24037
Fonyódy L 42262
Fon-Yung I E 45137
Foote C L 20740
Foote F M 20740 28002
Foote F W Jr 14740
Foote R E 41019
Foraker A G 7638 12391
Forattini O P 1572
Forbech V 35200
Forbes A 15704
Forbes A L 6118 46366
Forbes A P 19862
Forbes G 37697
Forbes G B 43505 47111
Forbes H S 23410
Forbes I J 5700 13664
Forbes J 41829
Forbes J C 31405 44284
Forbes M 31316 49324
Forbes R M 17810
Forcella G 26600
Forche E 22783
Forchielli E 44083
Forcina G 8047
Ford A B 14956
Ford C E 10487
Ford D H 15607
Ford D K 5428
Ford E J 50472
Ford F J 32495
Ford F R 37815
Ford J E 5094
Ford L S 19986
Ford M R 23327
Ford R V 447 4022 4502 13179 25130 27517 28289 29373 39559 50706 54536
Ford V R 20339
Ford W B 5896
Foreman H 12545
Foreman J 21028
Forero A 8910
Forest A W 11705
Forest G 37873
Forestier F 24100
Forestier J 24100 35199 35225 50355 54456
Foret J 44687 46763
Forfar J O 41780 43788
Forgaard D M 24766
Forgács I 6339 18596
Forgács J 27025 30290
Forgács L 43439
Forgon M 25360
Forgus R H 17090
Forkner C E 7408
Forkner C E Jr 35714 54406
Forleo R 1491
Formaggio T G 6931
Forman D T 40122
Forman J 8671 44385 50841
Forman L 44052
Forman S A 29846
Formanek I 22858
Formanek K 30605
Formica J V 28242
Formijne P 41814
Formisano V 5218
Fornádi F 40047
Fornaini G 37510
Fornara P 29741 42700
Fornatto E J 1181
Fornet B 52874
Forney F P 31335
Forney R B 24411 43696
Forni G 40983
Forni G G 14526
Forni P V 16020 52041 52042 52043
Forni S 14494 37334
Forrell M M 19381
Forrer G R 12619 50446
Forrest A W 10409 11705
Forrest F M 1701
Forrest H S 25414 40550
Forrest I S 1701
Forrest J N 34987
Forrester H C 47230
Fors M 22110 54792 54795
Forsander J 46999
Forsander O 8495 49894
Forsberg A 23821
Forscher B K 4675 27573
Forsee J H 32724
Forsgren E 43232 45344
Forsham P H 4450 6744 29534
Forshaw J W 14231 48158
Forsius H 23863
Forsius P I 4847
Forslund L 32851
Forsnberg A 35450 37088
Forssell J 11975
Forssell P 54641
Forssman H 22130
Forssman O 17984 32857
Forssman S 30211 32478
Forster B 27136 39029
Forster E 8539 37637 42428
Forster F M 2336 47784
Forster G 2370
Forster G 30986
Forster J P 21065
Forster R E 15054 53576
Forster R P 4814 4816 12540 17324
Forsyth B R 52606
Forsyth D M 14310 22299 28331 28967
Forsyth H F 50369
Forsyth W G 19522

Forsythe W E 18156
Forsythe W I 14166
Forte A L 43146
Fortelius P 27124
Fortes A B 16120
Fortes M 8407
Fortesa L 24252
Forteza Bover G 6573
44490
44534
Forthman H J 21859
Fortier C 36621 44094 45544 46591 49277
Fortier J 55126
Fortier L 10659
Fortin G 37957
Fortin J N 38028
Fortner J G 11792
11806
Fortuine R 29147
Fortuna A 9424
Fortunato J 20778
Fortuyn A B D 27560
Forzani C 1997
Foscarini M 47824
Foschi F 27671
29686
Fosdick L S 4409
35819
Foss B A 49482
Foss G L 2999
48296
53290
Foss M H 45429
Foss N E 40374
Foss O P 32253
44900
44905
Fossati F 20943
Fossati P 29134
Fossitt D 28269
Foster A B 46786
Foster A L 40724
Foster A R 14206
Foster E 613
Foster F H 52691
Foster G E 41298
Foster H L 4608
4609
Foster H M 35755
Foster J B 11680
46903
Foster J C 40632
54519
Foster J H 1222 51152 54656 54733 54752
Foster J J 4480
Foster J T 19304
Foster J W 25307
Foster L N 16185
Foster P A 9809
Foster R 30361
30365

Foster R C 50642
Foster R P 22313
35922
35928
Foster S E 9526
Foster T S 9568
Foster W D 2069
14186
29285
Fostikov B 21944
Fostiropoulos G 52360
Fotedar D N 5132
5133
Foter M J 47625
Fotherby K 1652
Fothergill P G 17304
Fotheringham W T 25951
Foti F 42473
Fóti M 27537
Fotiade B 44006
44007
44009
Fotino M 27454
Fotopoulos J P 27076
Fotopulos D 44212
Fouace J 34498
Foucaut M 51500
Fouché 9216
Fouks 47459
47460
47461
Foulds G A 17738
Foulhoux N 48876
Foulk W T 15942
Foulkes E C 47113
47114
Fountaine F C 41226
Fouque J P 26773
Fouquet J 21397
Fouquey C 19589
Fourati A 55098
Fourchon J 28380
32067
Fourès A 31979
Fourestier M 28357
Fourman P 6198
39729
Fourment A 48870
Fourment J 993
Fournelle H J 24641
53659
Fournie A 44780
Fournier 30439
41376
Fournier A 9654 14389 18080 18081 41403 44778 44779 53026
Fournier A M 17996
41401
41402
Fournier E 32203
44748
47760
Fournier G 48953

Fournier H 14368
14384
21370
Fournier L 15189
Fournier M 27726
Fournier P 10671 21398 26854 30457 32071 41334 48814 54165
Fourré J 3031
Fourrier A 431
953
Fourrier C 20524
43740
43749
Fourrier P 6298
6299
18554
Fours J 47320
Fousek M D 7843
Foushee J H S 35661
Foussereau J 2422
25455
Fouts J R 41278
Fowden A 2252
Fowden L 7193
37066
37067
Fowler A V 9555
Fowler D 14735
Fowler D I 46536
Fowler E P 1478
13293
Fowler E P Sr 25511
Fowler E P Jr 18480
46472
Fowler G A 35193
Fowler H 21684
31552
Fowler J F 2063
32703
47228
Fowler M F 30139
Fowler N O 24337
Fowler R 22059
Fowler R D 4908
Fowler R E 17227
Fowler R S 2597
Fowler W 14180
48248
Fowler W G 47596
Fowler W S 23388
Fowlks E W 42084
Fowweather F S 5633
5634
Fox A S 47550
Fox C A 54587
Fox D 31550
Fox D J 7525
Fox E C 2247
22168
44062
Fox F 48546

Fox F H 4644
Fox H L 39789
Fox H M 4597
5556
5557
8410
Fox H R 11087
Fox J 41353
Fox J L 36243
Fox J P 807
Fox M S 33031
Fox P F 23504
Fox R H 8276
Fox R T 1215
24722
Fox S 42977
Fox S L 51479
Fox S R Jr 47513
Fox S W 21724
Fox V 6525
Fox V L 24425
Fox W 22324
Foxen E H M 37694
Foxhoven B A 7267
Foxon G E 48146
Foxwell P B 5291
Foy H 13873
49213
Foye W O 16731
Fozzard J A 37627
37629
Fracchia A A 48541
Frackowiak T 30911
Fradà G 54199
Fradis A 2022
Fradkin V A 32813
Fraenkel G S 5551
Fraenkel-Conrat H 13766
Fraga R 21124
Fraga S 40222
Fraga Arroyo R 8840
21122
Fraga de Azevedo J 2457
Frágner P 26568
Fragstein U von 46070
Fraile-Blanco J 8861
8864
Fraimow W 1248
Frain-Bell W 26027
Fraise A M 15469
Fraisse 36650
Fraisse G 47772
Fraisse P 25097
38808
41149
47772
Frajola W J 13234
24504
Frame B 12357

Frame B 39923
Frame E G 40687
Franc Z 19564
Francannet M 6299
France L C 1244
11782
France R 10430
France Soto O 21186
Francés J M 21609
Frances R 36134
Franceschetti A 14494
27025
28871
40869
Franceschi G C 36755
Franceschini G 42482
Franchebois P 39498
Franchel F 9635
Francheschini B 32146
Franchi F 19182
Franchini A 48686
51983
Franchini A M 13103
42772
Franchini G 41999
Francia A 8613
52112
Francillon J 51375
51385
Francini G 190
23674
Francini M A 9405 44832 54253 54255 55093
Francioli P 39837
Francis C L 16228
Francis C M 17044
Francis R S 10535
30199
30202
Francis T Jr 31391
33042
35725
Francisco E W 17097
Franck 36159
Franck C 38757
9111
Franck D 53559
Franck P 18015
Francke C 25684
Franckson J R 15158
26727
26841
Franckson M 36061
Franco A 8790
Franco C 24943
24944
25530
Franco G 1515
36744
36759
Franco J 16646
Franco O 44432
Franco R J 9709

Franco S 44436 44437 44439 44440 44441 44442 44443
Franco T 2496
14520
25632
Franco V 9346
Franco Barredo F 32450
Franco-Browder S 12555
50123
Franco Gómez A 1823
Francois B 2394
François C 26344
François H 26214
Francois J 257 1614 11700 13061 13933 14510 20119 24882 26193 35029 35057 35236 35237 40868 43349 47465 48400
François M 44884
Francois P E 15061
30648
37619
52290
Françoise (Mme) 37939
Francon F 9221 9511 21345 35201 54191 55116
Françon J 44797
Francone M P 43912
Francq J C 47393
47998
Frandsen A D 23850
Frandsen E 22444
Frandsen J 2186
Frandsen P H 2269
Frandsen S 23534
Frank A 22794
22795
22837
52635
Frank C W 2888
2920
Frank E D 49704
52636
Frank G 10278
Frank G B 52343
Frank G H 2442
Frank H 12574
27179
Frank H A 18125
Frank H F 46968
Frank J 6659
Frank J D 28547
Frank L M 1170
Frank M 31709
53825
53826
Frank M E 28150
Frank M M 11636
Frank P 10038
25177

Frank P 51368
Frank P F 35705
Frank W 28928
Frank W E 47537
Frank W W 21819
Franke D 34539
Franke F 38957
Franke G 10338 45400
Franke H 27185 38442
Franke K 18909
Franke M 383 42936
Franke W 10318 25184 29438 52191
Frankel C J 40299 45082
Frankel D S 24494
Frankel H B 52786
Frankel J M 50134
Frankel L 28145
Frankel S A 5523
Franken H 24908 24909
Franken L 15149
Franken-berger Z 2750
Frankenhaeu-ser B 5790
Frankenhaeuser M 24091
Frankenstein C 602
Frankfurt L A 41678
Frankl H D 46918
Frankl L 44057
Frankl V E 33839
Frankland A W 10318 24302
Franklin A W 2165 18385 53270
Franklin E C 9562 13628 17600 40813
Franklin J G 40449
Franklin R E 22590 43700
Franklin R H 8284 38004
Franklin R M 10856 15679 22603
Franklin R R 35743
Franklin W 29258
Frankovs'kyi V Ia 29547
Franks A G 24717
Franks B B 2843
Franks C M 4370 16507 17054 17266 50847
Franks J 46450
Franks J J 4679
Franks L M 25991 37662
Frankson J R 26840
Frannz G 8934
Franque E F 29232
Fransen J M 12733
Frantsev V I 10738 27308
Frantsev V I 49221
Frantz D 34540
Frantz W L 15602
Frantzell A 35339
Frantzen E 24077
Franz G 46285 49759
Franz G E 13007
Franz J 34527
Franz J M 49265
Franz K N 899
Franz L 55551
Franz M 24411
Franz W 49927
Franzani W 20655 44419
Franzas B 36017
Franzén B 10160
Franzen F 29490
Franzen J 22337 38446
Franzini C 31687 44179
Frappier A 14660
Frascaria F 14012 14013 20983 25691
Fraser D C 19668
Fraser D S 5666 5667
Fraser H 42128
Fraser H F 27320 41281
Fraser I 20561
Fraser J H 8268
Fraser J P 5290
Fraser M A 14595
Fraser M J 53476
Fraser P K 41431
Fraser R 20599
Fraser R C 48565
Fraser R D 1668 52410
Fraser R S 9425 24333
Fráter I 32654
Fráter M 10584
Frattini J F 21251
Frau G 27437
Frauch P 30613
Frauchiger E 44914
Frawley J P 11610
Frayworth E A 7303
Frazão J V 50089
Frazell E L 14740
Frazer A C 14187 14190
Frazer J W Jr 54755
Frazier M 12327
Frazier S H 16658
Frazier T M 35981
Fred G B 11736 18484
Fredell C H 34973
Fredenucci R 26823 38690
Frederich A 30461
Frederick K J 4566
Fredericks J 39197
Fredericq E 1675 1676
Fredericq P 10203 3116
Frederik W S 11619 30141
Frederiksen P 35171
Frederiksen W 45526
Fredrickson D S 4864 15910 17059 20341
Fredriksson T 1446
Free A H 12322
Free E 16885
Freed H 12599
Freed J E 23421 51004
Freed M M 29250
Freed S C 12563
Freedberg A S 50419 50420
Freedland R A 28236
Freedlander B L 2724 38083 38084
Freedman A 15555
Freedman A M 12621
Freedman D A 769
Freedman D X 41198
Freedman L 9783 9816
Freedman L R 27078
Freedman N 11675 24632
Freedman P 8486
Freedman S O 35721
Freedman S S 50128
Freeman B S 10140
Freeman C R 16159
Freeman D J 41035
Freeman E B 4998
Freeman F 9784 54511
Freeman H 23417
Freeman J T 46929 50168
Freeman L W 19807 50956
Freeman N E 46519
Freeman R B 19152 52795
Freeman T 14093 18443 32701
Freeman W 47153
Freeman Z 42094
Freerksen E 37011
Fregevu Y 28672
Fregly M J 6746 35806
Fregnan E 24963 24964 36213 36215 36217 36220
Fregnan G 1955
Fregni R 13493
Fregola C 42553 6951 8648 29713
Frehner H U 45392
Frei E III 5453 15926 25925 37514 43142 52607
Frei J 15023 27845 39239 39867 54350 54361
Frei R 18248
Freiberger R H 20948
Freidel C 13021
Freidell H V 35689
Freidin G S 18196
Freidson E 4400
Freiman A 48719
Freiman A H 22225 48699
Freiman D G 46413
Freiman I 1401
Freinkel N 3178 17070
Freire G de C 33439
Freire R 8716
Freire-Maia A 49978
Freire-Maia N 49978
Freireich A Z 12618
Freireich E J 25925 43142
Freis E D 13184 21873 27822 28532 40285 42047
Freischütz G 34210
Freisiederer W 6083
Freitag G 38903
Freitag J 23176
Freitas A de 40677
Freitas E N de 28092
Freitas G G de 51645
Frejka B 11842
Frelick R W 15266
Frémont J 17994
Fremont-Smith K 4877
French A 2724
French A J 23400 35198
French C E 17811
French D 46790
French D G 53295
French E G 16494
French E L 25781
French F A 38083 38084
French H C 17669
French J E 14193
French J D 23408 27324
French S W III 844
French T A 20088
Frenck G 36518
Frenckner P 270
Frenger W 11236 11237 22995 34022 34050 40134 48061 49099
Freni S 1858 19181 19182 19183 13897
Frenk S 48079 48082 48088
Frenkel' B I 45840
Frenkel' G M 23259
Frenkel' S Ia 1726 37139
Frenkil J 45095
Frenning H 54797
Frenster J H 20786
Frentz R 48794 48821
Freour P 5316 9860 17653 17659 26674 41120
Frera C 19252 36221
Fresen J A 53091
Fresen O 27385
Fresen O 39805
Fresh J W 52826
Fresia P 37447 42676 42683
Freson A 50358
Freud A 44054 44230 44238
Freud P 23519
Freudenberg E 49313
Freudenberg K 5552
Freudiger U 27576
Freund G 46420
Freund H G 12617
Freund H R 22007 29522
Freund J 31393 35915
Freund K 7377 31786
Freund M 16839 16840
Freund O 39265
Freundt K J 25271 46283
Frey A 39247
Frey A H 17133
Frey E K 29022
Frey H 35122 52724 54973
Frey H H 12878 47728
Frey H M 35137 49274
Frey J 27390
Frey J R 15271 25301
Frey L M 47160
Frey R 42480
Frey R G 22826 24281 55371
Frey R J 42808
Frey T S 32848
Frey-Wyssling A 5911
Freyberg R H 31409
Freyberger H 29488 35401
Freycon F 9046
Freyhan F A 17050 47147
Freymann J G 19871
Freysinger J J 12650
Freytag A 4033 8883 21272 24970
Frézières H 14357
Fresza L G 42526
Frezzini L 1519
Frezzotti R 36823
Friant M 23573 23789
Friberg O 43628
Friberg S 35216
Frič P 39048
Frick A 45625
Frick E 18334 33999
Frick G 3503
Frick H C II 10133
Frick P 39876
Frick P G 12337
Fricke H 9520
Fricker S J 11594
Fricker-Alder H 21625
Fricsay M 28075 30612
Fridenshtein A Ia 6645 22492 48023
Friderich H 32974
Fridericia H J 10625
Fridge J C 4526
Fridiland I B 48011
Fridman M I 41558
Fridman R O 7887
Fridovich I 40525 40526
Fried B M 11805
Fried J 13190 55294
Fried K H 22339 55082
Fried R 36942
Fried W 5257
Friedberg C K 53565 53575
Friedberg F 40545
Friedberg K D 39028
Friedberg M 16511
Friedberg R 10601
Friedberg V 6709 23242 49751 49816
Friedberg W 31465
Friede K H 32970
Friede R 17385 28868 28880 28903 28918 28936
Friede R L 22742
Friedebold G 34242
Friedell G H 7605 11760 22317
Friedell H L 20931
Friedemann A 31569
Frieden E 4754
Frieden J H 22053
Friedenberg R M 47214
Friedenberg Z B 50371
Friederichs H F 19437
Friederichsen I 25327
Friedgood C E 36341
Friedhoff A J 5466 47183
Friedlaender E 3965
Friedland I M 16924 38081
Friedlander E O 35734
Friedlander R 24415
Friedlander W J 47157 52576
Friedlein M 27502
Friedli B 49869
Friedlich A 44787
Friedlich T L 48457
Friedman A A 21805
Friedman A I 35682
Friedman A P 7390

Friedman B 41450 50704
Friedman B I 50722
Friedman C L 35800 44133 48725 49334
Friedman D 29523
Friedman E 12287 15569
Friedman E A 12408 12410 20044
Friedman G A 6539 18803 29329 42161 51582 51605
Friedman H 25420
Friedman J H 39161
Friedman J J 43170
Friedman J L 19844
Friedman L 47089
Friedman L J 16740
Friedman M 2511 2688
Friedman M 12515 50592
Friedman N B 11752 14761
Friedman R 13829
Friedman S 640 3980 20261 43172 51043
Friedmann S M 14625 35800 44133 48725 49334
Friedmann B 3352 26526 26537
Friedmann C A 41318
Friedmann G 27949 55754 55755
Friedmann H 19321
Friedmann H C 40498
Friedmann S 2124
Friedrich E 25457
Friedrich L 15468 27537
Friedrich-Freksa H 55561
Friedrichs H 29013
Frief F 35571
Friehoff F 12068
Friel P B 1170
Friemann W 18952
Friend C 50534
Friend C M 40884
Friend D G 29253
Friend F 46024
Friend W D 37651
Fries B 23996
Fries J G 5882 34579
Friesen E 2547
Friess S L 31373
Frigerio A J 3307
Frigerio M 15510
Frignani R 47791
Friis F U 45520
Friis T 35126 45511
Frijda N H 4371
Frileux C 15957
Frimberger F 15773
Frimpter G L 581
Frimpter G W 12213
Frings H D 34187
Frings H D 55540
Frinovskii V S 12169
Friou G J 13161 22913
Fripp A T 4784
Frisch A W 10131 52761
Frisch E 15601
Frischauf H 55374
Frische L H 14972 20945
Frischkorn R 15873 54345
Frisell W R 6752
Frishkopf L S 21722
Frisk A R 10166
Fritel D 2480
Frith G 14598
Fritsch A 41893
Fritts H W Jr 5893 33056
Fritz H 7483
Fritz H G 42022 42026
Fritz I B 54417
Fritz R 12659
Fritz-Niggli H 10001 14422 30265
Fritze E 3234 27389
Fritze E R 49885
Fritzemeier W H 50677
Fritzsche F 23113 55517
Fritzsche R 21616
Fritzsche W 19445
Froede R C 844
Froehlich A L 35147 36626
Fröhlich M 11197 34001 34350 54399
Froelich W 7395
Frølund A 10644
Froesch E R 54368
Frøshaug H 17748 26998
Froewis J 18993 55389
Frohberg H 11175 32672 34157 34162
Frohlich E D 52599
Frohman B 17607
Frohman I P 15904 18657 42044
Frohman L 22484
Froitzheim G 51874
Frol'kis A V 13850
Frol'kis V V 27306
Frolova M A 7803 48013
Frolova N I 12156
Frolova V M 31239
From A A 18305 18221
From P 25126
Fromageot C 13762
Froment R 5339 22453 29196 31085 36687 47749 47752
Fromenty D 38727
Fromm E 50443
Fromm G 24233
Fromm G A 168 1843 8684 31804 51049
Fromm H J 1671 28238
Fromme 23143
Fromme D 17916
Fromme I 30601
Fromme W 25221
Frommel E 9524 32929 39916 43958
Fromowicz K K 8099
Froňková K 1439 13356
Frontali G 36228
Frontali N 2742 53819
Frontera J G 40735
Fronticelli C 13700
Frosali L 11823 35011
Frosch B 45796
Frosch J 8416
Frost D 32655
Frost H M 32622 39930
Frost J W 17724 21869
Frost L A 50275
Frostner I 22124
Frothingham T E 7418
Fruchaud H 42440
Frucht A H 38918
Frühbauerová O 38339
Frühwald W 42938
Fründ R 34259
Frugoni C 9283 39697
Fruhling L 47345 54616
Fruhmann G 41766
Fruin R C 4448
Frumina A E 43376
Frumusan P 1460 31987 49157
Frunder H 49905
Frunza A 34256
Frush H L 9563
Fruteau de Laclos C 15142
Fry D L 16811 30653
Fry F J 50948
Fry G A 28588
Fry H G 8452
Fry I K 27246
Fry J 2264
Fry P C 5557
Fry R E 5539
Fry R J 50056
Fry W E 47024 47075
Fry W F Jr 14551
Fry W J 50948
Fryd C H 27772
Frye W W 22176
Fryer J H 24983
Frygin N V 47888
Frykholm A 29225
Fuchs A 35777 43076
Fuchs A M 49390 49653 50131
Fuchs A R 35128
Fuchs E 12189
Fuchs E M 24715
Fuchs F 10629 35128 49024
Fuchs G 12073 18344 19336 22847 55377
Fuchs H 11922
Fuchs J 19017 28927
Fuchs M 18649 35645
Fuchs U 11351
Fuchs W 9518
Fuchsig P 45942 45980
Fučík M 9492 9493 38104 38124
del-Ossipova S I 16331
Füller H 51793
Fülöp T 19751
Fuente-Hita F 30456
Fuentes C A 7120
Fuentes G 43853
Fuentes J 7991
Fürész S 1291 13346
Fürst C 54366
Fürst E 54801 54807
Fuerst H T 20263
Fürst J 9698
Fuerst R 45380
Fürstner J 52888
Fuertes J A 338
Fuertes Bello A 299 300
Fürtinger H 55382
Fugazza J 26808
Fugmann R A 2690
Fuhrmann G 22969 34330A
Fuhrmann L 15331 34592
Fuhrmann W 34099 34214 47649 52176
Fujii J 435
Fujii R 40426
Fujii T 49234
Fujimori N 22251
Fujimoto G I 4845
Fujimoto J M 16661 31388
Fujimoto Y 16802
Fujino M 50068
Fujioka T 436 46872
Fujisaku S 24179
Fujita A 18158
Fujita S 40425
Fujita T 28696 46871 49239
Fujita Y 24726
Fujiwara O 12702
Fujiy H 55359
Fukami I 52359
Fukatsu E 28696 41480
Fukatsu S 16805
Fukayama G 20765 20766 24384
Fukazawa Y 55431
Fukelman R 39104
Fuki A D 55791
Fuks B B 36885
Fuks M A 8785 21091
Fukuda T 16456 35299
Fukuhara H 26730
Fukui A 28694
Fukui G M 17480
Fukui S 50068
Fukumi H 16448 16449 16455 16456
Fukuoka J 16466
Fukushima D K 17020
Fukushima S 10858 13331
Fukuyama K 41007 50649
Fulcher J M 48384
Fulcher O H 54286
Fulchiero E 31463
Fulco A J 55897
Fuld H 14295
Fuldner R V 48768
Fuller A P 37627
Fuller B F 29759
Fuller C A 17363
Fuller D N 45060
Fuller F W 47243
Fuller H L 13009 21806 42028
Fuller J 42815
Fuller J B 14762
Fuller J E 25155
Fuller L M 12682
Fuller W F 54690
Fulleron R L 21976
Fullerton H W 18349
Fullerton W W 4152
Fullmer H M 28
Fulthorpe A J 40068
Fulton F 40836
Fulton G P 10502
Fulton R 30208
Fulton R W 22588 22601
Fumagalli G 36756
Fumagalli L A 13482
Fumagalli Z 29716 37156 37157
Fumarola D 8357 9328
Fumi F 31028
Funaki M 16800 16801
Funakoshi M 16473
Funaro S 636
Funch J P 46699
Funch R B 810
Funck-Brentano J L 43949
Funck-Brentano P 3705 42436
Funcke A B 43589
Funder R 10381
Funder W 46836
Funderburk E E Jr 47518
Funes P E 11253
Funk C 1341
Funk C F 3228 45970
Funk D 46427
Funk H B 31413
Funke H 23210
Funke T 6489 11102
Funkenstein D H 17692
Funkhouser J 911
Funkhouser J B 39169
Funkshtein L V 51762
Funnell H S 12769
Fuoco L 31773
Fuortes M G 24563 39189
Furber S E 54187
Furchtgott E 17080
Furchgott R F 17942 54413
Furcolow M L 808 12801 15914 16850
Furey C A 48760
Furey J G 50382
Furieri P 1882
Furlan M 51703
Furlan T 33364
Furlong R E 34969
Furlow L T 6994
Furmaga S 33790
Furman D P 5606 47260
Furman R A 51050
Furman R H 17028 35829
Furnari D 23357 23368 28437
Furnas D W 3382
Furness G 40945
Furrer W 17472
Fursov N I 5995
Furst A 1290 2721
Furst S 5480
Furst W E 7441
Furstenberg A C 1196 6214
Furstenberg D A 10703
Furtado D 4359 9131 28082 28088 44741
Furtado T A 39989
Furth J 31415

Furth J 48568 48571
Furthmüller M 22867
Furusawa H 20109
Furusho Y 45564
Fusaro R M 5223 41008
Fusaroli A 21474 54246
Fusco A 9332
Fusco F A 36765 36766 39760 46608
Fusco J J 46434
Fusco R 27432
Fusey P 54845
Fusillo M H 12816
Fuson R 53740
Fuson R B 22311
Fust B 32314
Fusté Amieba R 47833
Fustinoni O 20620 43926
Futer D S 46340
Futrell M F 16557 50158
Fuyat H N 55001
Fuzeau-Braesch S 26899 26914
Fuzzi M L 30343
Fyler D C 8356 14957
Gaál J 29160
Gårdlund W 45333
Gaarenstroom J H 11911 43036
Gaasbeek J B Van 24676
Gabai la A 22620
Gabay S 27563 31381
Gabbay A 34915
Gabbrielli G 9341 43269 43270
Gabe M 3045 38705 48816
Gabel P V 12964
Gabelov A A 33187
Gabersek V 44737 54092
Gabilan J C 37936
Gabinus O 43235
Gabka J 19030
Gables C 4503
Gábor G 41611 43439
Gábor M 10569 46078
Gábor P 27710 30298
Gabourel J D 1443
Gabriel A C 16790
Gabrielescu E 9461
Gabriianik M A 41651
Gabrilove J L 5414 16837 18454 40674
Gabrio B W 17066
Gabrovski N 32826
Gabsch H C 45574
Gabuniia L V 51734
Gabuzda G J 17571 34872
Gabuzov A N 13567
Gaby W L 16885
Gaca A 29454
Gaches J 54103
Gacheva I 32756
Gács J 29162
Gadboys H L 4474 41455 54754
Gadd J R 16250
Gaddie R 15055 15945 38626 38627
Gaddini de Benedetti R 25583 25584 41951
Gaddum J H 5484 48241
Gaddy C G 60
Gadermann E 24759
Gadet R 38638
Gadgil M D 47629
Gadgil R K 4187 50000
Gadjanski B 32614
Gadó I 23778
Gadolini G 13974
Gadrat J 32369 37914
Gadre K C 4209
Gadsden R H 16601
Gadzhiev N A 51183
Gadzhiev S A 10741 10743 18187
Gadzhieva E M 48046
Gaebler O H 49176
Gäde E B 7376
Gädeke R 19419
Gängel G 25258 36425
Gaenko G P 43395
Gaensler E A 46403
Gärtner F 38437
Gaertner H 7780 25222 25251 45270
Gärtner J 28872
Gärtner K 34013
Gaertner P L 10242 23278
Gärtner W 18986
Gaetani M 6106 33377
Gaffey C T 51095
Gaffney G W 50586
Gafford R D 8523
Gaffuri E 42220
Gaganova E P 31170
Gage E L 12849
Gage J C 48199
Gage R P 152
Gaggino G 19256
Gagliardo E 13920
Gaglio M 54195
Gagnaire J 2401 2406 41939 41947
Gagne A F Jr 16784
Gagne-Desrosiers R 10665
Gagneron R 43957
Gagnon E D 33413 37996 38016 45542
Gagnon J 10657
Gagnon J N 55126
Gahagan L H 75
Gahagan T 2434
Gahlen W 41729
Gaida A 42620
Gaidamaka M G 33658
Gaidamovich S Ia 33657
Gaidano G 8363
Gaidov N 32799
Gaigalat H D 15410
Gail R 14456
Gailani D M 16239
Gailitis J 9267 21410
Gaillard G 32398
Gaillard J 5337 13066 31071 41144 44669
Gaillard L 30456
Gaillard P 36628
Gailloud C 2376
Gain E A 14722
Gaines J A 49497
Gaines T B 53667
Gaines T R 11709
Gairdner D 36529
Gairns F W 28626
Gaisford W 48291
Gaisler J 48613
Gaist G 50954
Gaito J 23310
Gaizler G Jr 22934
Gaizler G Sr 22934
Gaj J 30068
Gajdos A 15096 26753 26795 32183 32933 44606 54289 54291
Gajdos-Török M 15096 26753 26795 44606 54291
Gajdusek D C 722 43522
Gajewski J 8075 43150
Gajewski J E 12977
Gajgínger H 22172
Gak S 32074
Gakkel' L B 34720
Gál G 18600
Gala A 10917 45907
Galajda J E 5883
Galambos J T 50807
Galambos R 20874
Galan E 21120
Galán Marco F 6578
Galand G 23925
Galansino G 15632 31431
Galante A M 52035
Galante J O 53330
Galarraga E C 5450
Galassi A 1973 27468
Galat N I 33326
Galateanu I 19580
Galatius-Jensen E 19945
Galatius-Jensen F 23725
Galaz G 21191
Galbis M 22272 54997
Galbraith H J 2193
Galdames M 13891
Galdieri R 36830
Galdini S 8548
Galdston I 26287
Gale B F 20934
Gale C 12731 12732
Gale E F 1655 1656 7245
Gale H J 40143 40144
Gale J W 5894 10081 33871 46056
Gale N H 37623
Galeano F 8182 43886
Galeazzo R 244
Galecka H 24064
Galeev M A 51192
Galego N 53847
Galendinov L 32745
Galiacy 54026
Galiamina L V 55857
Galibert P 35411
Galifret Y 15090
Galindez L Jr 8157
Galindo L 44501
Galindo R 20518
Galindo Anton J 44515
Galinier F 9008
Galinier F 54469
Galinis V I 34789
Galiński T 53161
Galioni E F 16363
Galistin P 48856
Galkin V A 28828
Galkovskaia K F 6635
Gall E A 10426 13228
Gall F 19335 51825
Gall H 172
Gallager H S 34948
Gallagher C H 5488 29822
Gallagher J R 3170
Gallagher T F 4842 13410 17020 28245
Gallagher U M 30932
Galland J 25481
Gallart-Esquerdo A 8847 38541 44511
Gallassi A 14522
Gallasso A 36226
Galliavardin L 5339
Galle H 46216
Gallegos R 15472
Galleher E P Jr 33081
Galler M 33967
Gallera J 35019
Gallerand R 30478
Galleron (Mme) 54613
Gallerovd B 14798
Galletti C 30351
Galletti F 31673 39652 44825
Galletti P M 17025 48727
Galletti R 25537
Galley A H 35944 48318
Galli A 47478
Galli E 52060 52061
Galli G 31659
Galli H 19451
Galli T 21582 53838
Galliard H 1033
Gallie W E 37990
Gallien L 15075 38653 38689
Gallindo I 13598
Gallivan J N 17554
Gallivanone A 30303
Gallo G 12998 51654
Gallo Curcio C 13126
Gallocher 9078
Gallois J 14507
Gallop P M 1707
Galloway J A 20309
Galloway J P 37659
Galloway R W 37626
Galloway W H 32535 47017
Gallozzi E 39699
Galluzzi W 1518 25535
Galmarini D 37160
Galmarini E F 15479
Galmarini J A 8183 53347
Galmiche C 41998
Gal'per Kh T 43583
Gal'perin E A 33655
Gal'perin E I 3408
Gal'perin M D 45773
Gal'perin Zh S 22682
Galton D A 11916 26028
Galton M M 17475 24708 53672
Galton V A 15623 41340
Galts G 46105
Galushko Iu A 10748 18287
Galvagno J V 8967
Galván J G 4364
Galvano C 14017
Galve Brunengo C 51629
Gálvez J 22267
Gálvez J B 9723
Gálvez Fermin N 13526 47833
Galvin W H 12975
Galy P 9661 28353 28369 28486 28488 29144 50783
Gaizerano G 1539 36832 47829
Gamaleia A N 55253
Gamalero P C 6954 42767 42797 52124
Gamard R 15206 15220 48940
Gamarnik M N 55262
Gamarski J 16134 18830 51643
Gamarski M 16134
Gamba A 190 193 13658 53759
Gamba F 47403
Gambarian M E 19110
Gambarini A 30994
Gambassi G 14019
Gambetta Gurpide E 50532
Gambigliani-Zoccoli A 31687
Gambirasio C 6280
Gamble C J 12779
Gamble E W 5350
Gamble J L Jr 47123
Gamble W S 51415
Gamboa M 44420
Gamboa R 451
Gamborg O L 14620
Gambrell D 15593
Gamburg A L 45151
Gamburg Iu L 55230
Game J A 17755
Gamio F 25934
Gammarrota V 24924
Gammelgaard A 42513
Gammelgaard P 10620
Gammelgaard P A 10639
Gammie W F 18456
Gammon G D 29277
Gamna G 9767 27654 27655 31116 42486 52087
Gamp A 35220
Gamski M 8061 30843
Gan G I 41979
Gan K H 10514
Ganado W 40616
Ganago F M 31178
Ganapathi K 15668 49357
Ganaway J R 548
Gancarz Z 38386 38387

Gancarz Z 38388
Gancedo H 8682
Gančev S 11350 55636
Ganchev G 16414
Gandal C P 13803 44068
Gandar R 3109 26877 36048 36509
Gandevia B 42096
Gandin J 6300 6406 31943
Gandolfi M 30348 52939
Gandolfo E 29609 53710
Gandolfo S 10493
Gandra A S 29357
Ganesan A T 7257
Ganeval C 26221 26222
Gangadharam P R 10528
Gangolphe M 47374
Ganguin H G 34340
Ganguli L K 40928
Ganguli S 16287
Ganicky B 38357
Ganina K P 36887
Gannon J P 34978
Gannon W J 23350
Gannushkina I V 46290
Ganong W F 12542
Ganora H 44403
Ganowiak Z 42830
Gans B 2249
Gans B J 28106
Gans J H 15233
Gans M 38702
Gansau H 25189
Ganse R 23241 33965
Gansen P S V 49294
Ganser H I 40059
Gansler H 46646
Ganster H 43020
Gant J Q Jr 18660
Gantner G E Jr 36302
Gantt W H 8497
Gantz J A 11637
Ganz H 391 23129
Ganz P 14953
Gapochko K G 32887
Gaquière A 36675
Garabedian C A 47272
Garagnani A 3846 3860 3884 6786 16024 27357 36798 36799 39762 42492 47816 47820
Garaix J P 32064
Garamella J J 12207 54695
Garanina I P 48008
Garas Z 29153 29156
Garassini G 27457
Garattini S 1605 32338 36564
Garattini S 49368
Garavaglia C 8547 13127 20943
Garbagni G 29619 55090
Garbagni R 14032 35635 36690 47750 52062 52063 52065 5[illegible]185 52088 52089 5[illegible]090 52091
Garbay M 4819 17004
Garbe H G 55669
Garbe W 2612
Garber E C Jr 12394
Garber M 32260
Garber N 47976
Garber P E 15543
Garber R C Jr 17295
Garbers C F 7233 19614
Garbini G C 31652 31653
Garbino C Y 43960
Garbuliński T 24059
Garcelon A H 52619
Garcelon G G 34959
Garcet S 32934 32947
Garcia A O 44450
Garcia C R 13207
Garcia E G 14471 31869
Garcia I 3073 26296
Garcia J A 21082 47450
García J C 9671
García M 21180
Garcia M A 52651
Garcia M F 44459
Garcia O 35438
Garcia R R 43307
Garcia T F 7989
Garcia Arroyo M L 4535
García-Baron A 32427
García-Blanco J 8856 8865
García Bragado F 38536
Garcia Capurro F 25941
Garcia Dadoni L 43848
Garcia de la Villa B 29359
García del Moral J 42207 42216
Garcia Gómez J 21145
García Guelfi R 36851
García Hernández A 2947
García Luna A 38499
Garcia Madrigal R 25672 36838
García Montés A 46669
García-Moreno F 44495
García Morteo O 51618
García Noriega J 38510
Garcia Palacio A 21128 31821
Garcia Rivera y Latour J 25933
García Rivero J 8169
García Rosell O 31839
García Santillán R 8675
García Turiella R 31021
García Valenzuela P 21202
García Vilanova A 18839
Garcia-Zozaya R 49880
Gárciga C E 47832
Garcin M 36154
Garcin R 2486 9147 9148 25442 41911 44723 44728
Gardberg M 24340 49190
Gardborg O 54972
Garde A 18563
Garde E J 32378
Garde S N 27994
Gardel J 47470
Gardell S 6759 11898
Garden N B 11546
Gardenghi G 6898
Gardère J 43778 43780
Gardier R W 40352
Gardner A 17770
Gardner A M 51344
Gardner C W 16501
Gardner D B 26581
Gardner D G 16359
Gardner D L 14104 32626 36303 51035
Gardner E J 14749
Gardner E K 12860
Gardner E S 17839
Gardner E W 5194
Gardner F H 4855
Gardner G H 47012
Gardner J F 23444
Gardner J H 12275
Gardner K E 50819
Gardner L I 3173 15601 50440 53001
Gardner P 40388
Gardner R 1404
Gardner R F 17839
Gardner W H 2943
Gardner W J 31634
Gardner W U 13257 38094 55426
Gardner Y 40114
Gárdos G 47968
Gareau P E 51359
Gareis R 28866
Garello L 1512 32137 32152 36730 36744 36746 36759 36761 36762 36763 36764 49579 49580
Gares R 26217 26220 26221 26222 26223 26225 26260 44638
Garfield J 46426 55139
Garfinkel D 13408
Garfunkel M L 52979
Garganeev G P 44012
Gargani G 36224
Gargano F 36705
Gargano N 52067
Gargiulo G 36722
Gargiulo U 42743
Gargouil Y M 38727 48865
Garibaldi B 42658
Garibaldi G 31649
Garimaldi F A 3309
Garin N D 18243
Garkavi E A 7891
Garkisch H J 12067
Garland H 48132 53499
Garland M A 23439
Garlind T 35185
Garlington L N 964
Garlington W K 52770
Garlock J H 28506
Garma A 4275 44195
Garms R 34325
Garn S M 44955 49977 49981
Garner C M 12926
Garner H H 4154 47191
Garner J 23408
Garner L L 33872
Garner W R 8417
Garnes A L 867 35874
Garneski T M 27333
Garnham P C 48290 55059
Garnier 28376
Garnier C 28365
Garnier G 37854 37855 39491 39493
Garnier J 38670
Garnier M 32871 44704
Garnum O V 10646
Garnung H 6387
Garnuszewski Z 53171
Garosi G 36787
Garrabe J 27347
Garrard E H 37973
Garraud R 12992
Garraud R M 31067
Garre H 19773 24250 24258 32006
Garre W J 19982 52764 52771
Garrelts B von 11872
Garren M G 51601
Garret J 13639
Garret R 14739
Garrett A 30879 30883
Garrett A B 23355
Garrett C M 47145
Garrett F E 24549
Garrett J R 34415 55618
Garrett R H 4746
Garrett W J 5566 29000 36597
Garretts M 48184
Garrido M 8796 44494 53914 53930
Garrido Carril E 8875
Garrido-Lestache 1805
Garrigou 43761
Garrigou J 9251
Garrigue J 19350 24773
Garrigues J 36069
Garrigues P 44766
Garrison W M 8528 44300
Garriz R A 9698 20634
Garrod L P 41413 44365
Garrod O 20698
Garron D C 39563
Garron L K 34912
Garry J 20078
Garry M W 563
Garry R C 7200
Garsche R 27388 39018 42336 42870
Garson W 44113
Garstecki J M 24456
Garsten P 43222
Garsuch I 25304
Gartenberg G 51911
Gartenlaub C 12668 50210
Gartler S M 52399
Gartman E 14183
Gartmann H 23633
Gartmann J 39866
Gartner S 34910
Garton G A 42964
Garvei N N 51769
Garver R M 10501 23313 47116
Garvey R F 12473
Garvey W D 5018
Garvie J M 2228
Garvin E J 12715
Garvin W J 24667
Garwacki J 8100 30758
Gary J E 46401
Gary L Jr 5348
Gary N D 16873
Gary-Bobo J 18008
Garza S L 23508 23509
Garza de los Santos A 6606 51663
Garzon F 15510
Garzon R 43851
Garzonis S 1789
Gasanov I G 52966
Gasanov U G 36406
Gasanov V S 21911
Gascard E 29199
Gaschignard 31999
Gascó Pascual J 18837
Gašek Z 14862
Gasiglia M L 39478
Gasiorowski W 53164
Gaskell P 2539 2540
Gáspár G 23777
Gaspar J 29357
N. Gáspár Z 41608
Gáspárdy G 23091 46196
Gasparetto A 23677 35003
Gasparini G C 54309
Gasparini S 12996
Gašparov A 10911 22638
Gasparri F 21481 36714 44830 54250
Gaspart P 26181
Gasperoni G 7736 20181
Gass F 14592
Gass G H 39201 39202
Gass H H 11663
Gasser C 21637
Gasser G 22848 45584
Gasser H S 15680
Gassmann B 6084 18323 28065 43595
Gassmann M L 12633
Gassmann W 23209
Gassner F X 8638 13197
Gassner S 47175
Gassner M 29325
Gast J H 25930
Gast L 53107
Gastager H 52227
Gastaldi G 32146
Gastaldi P 16022
Gastambide-Odier M 35917
Gastaud 51445 51462
Gastaud G 35052 51453 51465
Gastaud H 35049
Gastaud J M 38752
Gastaut H 15129 27317 37778 44780 44783 48916 54080

Gastaut Y 27317 54080
Gasteiger E L 50917
Gasteiger H 3294
Gastélum B J 38505
Gasteyer K H 12080
Gasthaus L 25822
Gastinel P 15099 24805
Gastkemper R J 7291
Gaston Giraud M 19363
Gastpar H 34531
Gasul B M 145 35619 46510
Gát L 7665
Gataulina L D 20292
Gataullin N G 41675
Gaté A 18557
Gaté J 343 2398
Gatenby J B 19566
Gatenby P B 16393 53220
Gates J M 146
Gates L K 34904
Gatherum D P 19531
Gathier V 18505
Gati B 20163
Gáti T 33625 35376 47729 52877
Gatilova A S 55765
Gatineau Y 50767
Gatling R R 5008
Gatovskaia T V 25905
Gatsalov M D 47856
Gatta A M 36230
Gatta L 44165
Gatti B 32151 54273
Gatti G L 53834
Gatti Farina M 20985
Gattiker R 9522 53254
Gattini M 39351
Gattner H 15385 15386 15387 46122
Gatto E 36735 36758 36762 36763 36764 36767
Gaubert Y 9193 14392
Gaucher A 21337 32001 50357 54050
Gaucher M 44795
Gaud J 2441 2463
Gaudart d'Allaines F de 2304
Gaudefroy M 3128 26231 51142
Gaudiano A 53831
Gaudier B 30441 51498 51500 52014 53017
Gaudieri A 8611
Gaudieri A 44337
Gaudio F 3639
Gaudlitz G 11119
Gaudry R 48444
Gauer O H 30584
Gaughran E R 23494
Gaugusch Z 33697
Gaul I E 40939
Gaul L E 1131 11560
Gauld R L 16653
Gaulhofer W K 52514
Gault H M 2536
Gaultier M 47760
Gausch J 52614
Gauthier 32414
Gauthier A 44795
Gauthier C 10672 19794
Gauthier G 13478 49748
Gauthier P 33430
Gauthier R 26256
Gautier A 2300 9126 16374 41936 43810
Gautier E 39909
Gautier J 44773 54474
Gautier J A 2306
Gautier J C 37926
Gautier P 16374
Gautray J P 24268
Gautschi F 40488
Gauwerky F 9979
Gavalá S 24967 25598 29641
Gavallér I 11481 33952 51422
Gavallér S 55693
Gavez E 23106
Gavezzotti B 38775
Gavin M A 11702
Gavinelli R 29729 39529
Gavlik J 55839
Gavosto F 35635
Gavrilá I 6583
Gavrilov A I 47869
Gavrilov L F 1762
Gavrilov S G 5961
Gavrilova K I 3404
Gavrilova K M 45763
Gavrilova L N 11515
Gavrilova N A 9860 34719
Gawehn K 23072 34233 47724
Gawellek F 11209
Gawienowski A M 5464
Gawronska E 4872
Gaziola A 25670 36837
Gay 51377
Gay A 1506 1509 1516 36726
Gay B B Jr 24660
Gay E D 18792
Gay I 41059
Gay J R 50194
Gay W I 19142
Gay Martínez-Fresneda C 35537
Gaydos H F 782 23302
Gayer J 6690 18908 51845
Gayet J 19587 26694
Gaylis H 54671
Gaynon I E 111
Gayral J 5129
Gayral L 5129
Gazaniol L 53236
Gazárek F 14812
Gazizova G R 34671
Gazmuri O 21189
Gazmuri R 21191
Gaño M 48623
Gazzaniga D A 17489
Gazzarrini A 11830 44282
Gean D A 10123
Gear J 32505
Gear J H 8336
Gearien J E 40384
Gearren J B 49196
Gearty G F 28079
Gebala A 4030
Gebauer A 39392
Gebauer H 16383 28053 28068
Gebbie T 52694
Gebennik L I 39337
Geber M 27094
Geber W F 35798 54526
Gebgardt A G 19106
Gebhard B 28097
Gebhard J 29923
Gebhard K 8526
Gebhardt H 18280
Gebhart A 38116
Gebicki J M 19497
Gechman E 29523
Gedda L 218 23727 23728 23729 23731 36148
Gedda P O 35474
Geddes L A 14339
Gedeon A 40462
Gedigk P 27372 33526
Gee D A 49969
Gee V R 12681
Geer J C 28481 28953 47085
Geer J P van de 52541
Geeraets W J 28908
Geertsma R H 41170
Geever E F 8439
Gefen N E 45890
Geffen D 8430
Geffroy Y 36644 38723
Geft R A 22704
Gegesi Kiss P 16084 39744
Geginat G 1602
Gehan E A 12646 33066
Gehl H 29048
Gehrig D 396
Gehrig R F 19697
Gehrt J 19308
Geiger E 19048 44388
Geiger F L 41445
Geiger J 40532
Geiger J F 41225
Geiger L E 31339
Geiger M 10324
Geiger R S 52299
Geigy R 24121
Geiler G 46189 55544
Geill T 18581 50589
Geiman Q M 55286
Geine G O 34650
Geinisman Iu Ia 22668
Geiro S B 10888
Geiser P 8439
Geiser-Rauch D 9517
Geisler C D 21722
Geisler E 13085 19400 19416 19429
Geiss M A 46929
Geissen W 49094
Geissler A W 23072 34233 47724
Geissler O 43319
Geissler U 51939
Geissler W 11161 15863 32967 55549
Geissman T A 51060
Geist D C 12830
Gekker V D 55761 55762
Gekova K 32743
Geland M L 19913
Gelb I J 14976
Gelb R H 48525
Gelber L J 40163
Gelberg A 16704
Gelbke H 11314 29072 29102
Geld H van der 7273
Gelder D W van 41085
Gelder N M van 41205
Geldreich E E 1309
Geleerd E R 44239
Gelfand H H 18798
Gelfand H M 807 22608
Gel'fand L A 9931
Gelfand M 14787
Gelfant S 27411 27421
Gel'fgat V I 22619
Gelin A 35053
Gelin G 31685 54304
Gelinas-Mackay C 37996
Gell P G 28019
Gellei B 236
Geller A 30644
Geller H F 29469 34575 42330
Geller J H 11540
Geller L I 31151 48003 55770
Geller L M 54096
Geller M 40738
Geller P 28939
Geller S 9019
Gellért A 41617
Gellért J 46049
Gellhorn E 47 19754 27325
Gelli D 3584 31775 39354
Gelli G 44825
Gellis S 43518
Gellis S S 23513 34986
Gelly P 25453
Gelós U 951 24041
Gelperin A 3368
Gel'shtein V I 37187 55321
Gelussi F 8462
Gelvin E P 24719
Gemählich M 11236 11237 12190 12191 22995 33970 34022 40134 55607
Gembitskii E V 45901
Gemmeli D H 5759 41320
Gemmell L 27813
Gemmell M A 30196
Gemmill C L 12550 12551
Gemzell C A 15631 39055 40667 44891
Genaud 37902
Genaud P 249
Genazzani E 52054
Genčić M 21955
Genderen H van 25997
Gendre Ia E 10932 33559 33573 55843
Geneesheer E 19730
Generalov A I 20299
Generalov V I 3576 46322
Genes S G 48038 53448
Genest A 10668
Genest J 33414 38010 48529
Genet C 41434 41436
Genevois 47763
Genevois L 48825
Genevois M 47765 47766
Genevois M 47769
Genevois P 32015
Genevrier R 50562
Gengou O 47407
Gengoxián N 40907 47564
Genigsberg K A 18204
Genkin A B 10774
Genkin M L 32570
Gennarelli L 29684
Gennaro A R 47092
Gennaro S 15894
Gennes J L de 9204 9205 9206 9207 9208 39252
Gennes L de 43970
Genov G 32738
Genovese E 37447 37448 37512 37513 37514 42676 42683
Genaicke F 49337
Gent C M van 41815 52369
Gentele H 23529 45355
Gentil C 25450
Gentile A 42193
Gentile F A 32466
Gentile G 27459 27469
Gentile J M 20053 31030
Gentile M 44323
Gentili A 6943
Gentili C 27663
Gentilli R 19163 22033 29560 42493 42498 42664 51986
Gentin 9646
Gentin G 31976
Gentis 18560
Gentles J C 7219 52444
Genton N 39899
Gentry G V 4937 50492
Gentry J H 55139
Gentry T C 50325
Gentry W D Jr 50226
Genty M 53440
Gentz C 10186
Gentz R 50560
Genz H 22339
Genzardi G 37473
Georg J 22438
Georgalas G 13015
George A T 50618
George J B 18040
George J C 3455 3511 52457
George J T 38123
George M 29839
el-George S 54024
George W M 8
Georges G 15110 26801 32922 32923 32951 54913
Georges R 9659 31074 31113 37935
Georgesco L 19349 32010
Georgesco N M 11859

Georgesco P 13032
Georgescu L 31139
Georgescu M 9063
31137
Georgescu V 9174
Georgescu, Mircea 43991
43994
Georgescu, Miron 43991
43994
Georgi C E 13399
16869
Georgi F 26983
27007
32279
Georgiade N 8041
24574
Georgiade R 5262
24574
Georgieff A 27105
Georgiev G 28757
Georgiev G P 37135
Georgiev I 32736
Georgieva S 45288
Georgievski G 51715
Georgievskii A S 45655
Georgii A 51321
Gephart T 54739
Geppert L J 7850
28591
Geppert M P 28870
Gepts W 15629
26957
Gerace J R 48498
Gerakis N 54910
Gerald P S 1771
1781
44957
Gerall A A 3413
Gérard A 9132
36689
41364
Gerard C 14585
Gerard F P 12713
19829
Gérard P L 17992
Gérard R 9032
29212
31110
Gerard-Lefebvre 30466
53025
Gerashchenko N T 12172
Gerasiuk L G 55802
Gerbaulet K 32690
Gerbaut P 9098
54049
54059
Gerbeaux J 30444
Gerbec M 10927
45905
Gerber A 10106
Gerber B C 8478
23483
Gerber D 21640
Gerber D F 28435
Gerber G B 42967
Gerber H 29777
Gerber P 44082
44959
Gerber T 9527
Gerbie A B 12427
Gerbis H 12955
Gerbode F 1243
12206
24405
54667
Gerbrandy J 15015
26007
29974
43055
Gercke H 45402
Gercken G 46094
Gerdes A J 12556
Gerdes J C 24975
Gerêb G 7687
Gerebtzoff M A 26843
Gerecke K 38883
Gerevini A 1997
Gerfeldt E 33546
Gergely J 33978
Gergely R 10139
43435
Gerhard A M 17918
Gerhardsson G 43178
Gerhardt A M 12944
Gerhardt F 45997
Gerhardt M R 50328
Gerhardt P 4717
4718
Gerhardt U 55536
55566
Gerin P 18561
Gerjuoy H 794
Gerjuoy I R 4387
5041
Gerlach E 30504
47929
Gerlach H A 46205
Gerlach J 34608
35574
39919
Gerlach U 3240
Gerle B 45051
Gerlei F 11145
34586
45971
Gerlings P G 20542
Gerlini F 25586
25587
Gerlis L M 4882
Gerlóczy F 14853
14854
16070
23746
Gerloff R K 53660
53679
Gerlovin E Sh 33293
33294
Germain D 2411 29143 30452 30453 30457 30462 51388
Germain H 36638
Germain L D 52783
German J L 52644
German W J 5523
German Zwaig P 27207
Germanà G 42755
52077
Germaniuk I L 45210
Germann W 22203
Germanova K I 36389
Germanovich V F 45895
Germer W D 6679
15460
49128
Germino N I 23544
Germuth F G Jr 24572
Gerner-Smidt M 43233
Gernet H 28915
Gernez-Rieux C 9256 13800 32071 32388 37760 54165
Géro E 15100
26765
Gero J 38217
38218
38219
48605
Gerok W 373
Gerola A 35797
Gerota D 9479
Gerová M 38217
38218
38219
48605
Gerrard J W 2593
Gerry R G 41254
Gersch L 49016
Gerschenfeld D S 3332
Gerschenfeld H M 8980
16962
26714
Gershbein L L 5422
35810
44128
Gershfeld N L 50577
Gershkovich S M 9914
Gershoff S N 24374
50292
Gershon S 17956
36975
36985
42091
Gershon-Cohen J 47231
49654
50119
Gershowitz H 9582
Gersing A 1445
Gersmeyer E F 18338
41756
55537
Gerson A 12292
Gerson K L 16632
Gersoni C S 45552
Gerstein A I 17128
Gerstenbrand F 33868
55372
Gerstner H B 4495
Gerstner R 735
Gertaud P 32416
Gerth H 34595
Gertrudis, Sister 40030
Gertsenberg E Ia 41687
Gertsovskii S L 45759
Gerty F 24623
Gerty F J 26986
Gertz B 17146
40706
Gertz K H 30507
30561
Gertz T C 34958
45496
Gerula M 53155
Gervais M 10670
Gervais N 14721
Gervis W H 50628
Gervois M 9256
Gerwelowa H 30400
Gerwig W H Jr 32526
Gerwing J 37070
41338
41339
Gerzić Z 9967
32611
Geschickter C F 50742
Geschwender D 5556
5557
Geschwind I I 3507
3508
15594
Geselevich A M 5976
Gesenius H 49068
Gesheva R L 36400
Gesp L 44662
Gessain R 38652
Gessen A I 33333
Gessert C F 1191
51353
Gessner J 22206
Gest H 13772
Getsel'd S S 10784
55227
Gettelfinger W C 17569
Getting V A 5386
Gettlich A 7180
Gettman J 19305
Getz B 10384
Getz K 23363
Geubelle F 12002 15022 23928 35356 54034 54035
Geuens 180
Geuns E 32472
Geuns E J van 30003
Gewirtz H B 50105
Gewirtz J L 4373
Gewitz H S 23060
34234
47724
Gey G O 2703
Gey K F 21685
27850
Gey M K 2703
Geyer E 34287
Geyer G 11004 22844 27181 33994 39891 46020 55374
Geyer K H 15320
Geyer R P 20028
29527
44085
Geyrhalter E 46570
Gezentsvel Z A 51222
Gezon H M 16770
40394
Ghadially F N 5658
51038
Ghai O P 16321
28001
Charib R 41273
Gharpure P V 4192
Ghata J 37924
Ghata J 37925
Ghelelovitch S 47999
Ghemi F 29717
29718
42738
Ghent L 12621
Gheorghiade T 43999
Gherardi G J 46500
Gherman E 34272
Ghesquiere J L 24901
Ghetti L 240
Ghezzi I 51653
Ghiani P 1982
Ghigliotti G 1505 8467 20908 36725 36729 36745 36749
Ghigo G 29609
Ghilain 25397
Ghiotto G 3867
Ghirardelli E 9325
Ghirardi L 20942
Ghirardini G 41903
Ghiretti F 13394
49352
Ghiretti-Magaldi A 3493
Ghiringhelli 977
Ghiringhelli C 12998
Ghiringhelli G 29735
42769
47341
Ghiringhelli L 51652
51654
51655
51656
Ghiringholli 12993
Ghislain E 36515
Ghislandi E 42227
Ghiță M 28046
Ghiță N 9470
Ghitesco T 42449
43990
Ghitnic E 9074
Gholson R K 37107
40549
Ghosal S P 4217
Ghose T 16306
16307
Ghosh B P 49992
Ghosh J J 25876
Ghosh N C 25876
Ghosh P K 5160
Ghosh S 2049
17419
17427
Ghosn G 44706
44707
44708
Ghys R 40470
Giabbani V 43466
Giacca S 1504 1983 36731 36765 36766
Giaccai L 27619
Giachetti A 1901 1902 1903 36771 36772 36773
Giacobine J W 35921
Giacomazzi G 54309
54310
Giacometti G 37358
Giacometti G S 3630
Giacovazzo M 1871 1872 37381 37382 42586 53586
Giagnoni A 36716
36719
Gialdi F 49415
Giallombardo R 6273
Giambrone I 54210
Giambroni I 21428
Giamello J H 43911
Giammalvo J T 3374
Giammarinaro G 7724
20179
Giammusso A P 41252
Giampalmo A 6936
Giamusso V 27678
Gianakon H G 51573
Gianelli S Jr 22012
46508
Gianetto J C 37776
Giani E 39681
Giannardi G F 9940
Giannelli A 32138
Gianni A 20967
Gianni A M 25594
Gianni L 21435
54223
Giannini M 37295
49409
Gianniotti G 42695
Gianotti F 8612
Gianotti F S 44803
Giardiello A 27629
Giardini R A 30239
Giardini R G 8701
Giarelli L 21445
Giarnieri D 42470
Giaux G 12690
Gibb A G 28473
Gibbel M 35889
Gibbels E 26488
Gibberd G F 39725
Gibbins R J 610
Gibbon J H Jr 1248 18121 22057 23491 54729
Gibbons D 50015
Gibbons E W 5813
18093
Gibbons J E 14045
Gibbons R J 12466
Gibbs D C 48217
Gibbs E L 43498
Gibbs G E 31598
Gibbs M 19704
Gibbs N M 5699
Gibbs R 3171
Gibbs S P 39289
Gibeault H 22465
Gibel W 11382
15306
Gibelin C 8878
Gibelio B 36139
Gibelli G A 194
25560
Gibert A P 29234
Giberti C A 9693
Giberti F 9763
19233
48966
Gibertini G 31903
Gibian H 46181
Gibiński K 8079
30815

Gibiński K 30787 30797
Gibiszer-Pórszász K 35377
Giblett E R 43133 52426 52597
Gibson C L 894
Gibson D 610 46968
Gibson D M 37102
Gibson E J 4941 17089
Gibson F 25779
Gibson F D 55354
Gibson G G 46471
Gibson J 22021 24461
Gibson J F Jr 23354
Gibson J G II 4499 17057
Gibson J H 42153
Gibson J J 2120
Gibson K D 13702
Gibson R 14694 24458 48489 51896
Gibson T 5091 28964
Gibson T E 55037
Gibson W M 34993
Gibson W R 16716 51071
Gidcumb N E 50276
Giddings L E 54281
Giddings W P 32729
Giebisch G 4813 30497
Giec L 8086 30787 30797
Giedion A 2371
Giedroyć J 20440
Giedroyć-Juraha W 30687
Giedt F H 31549
Giedt W R 7496
Gieger W 55669
Giehm G 4059
Gierer A 23067 23068 34400 55560
Gierhake F W 37003
Giering J E 35116
Giermański A 20467
Giertz H 12185 28024
Giese A C 50573
Giese G W 52265
Giese M 24759
Gieseeke W 45802
Gieseking R 27374
Gietka J 53156
Gietko M 20239
Gifford B L 48429
Gifford E M Jr 52330
Gifford H Jr 12441
Gifford R W Jr 17617 35646
Gigee W 13004
Gigg R H 40482
Gigli L 25554
Gignoux M 22172 41146
Gigon A 54353
Gigov A 32784
Gijón Banos J 54192
Gil Mariño A 42233
Gil Mariño J 42233
Gil Mota C 37263
Gil Noverques D 6577 18844 18845
Gil-Vernet Vila J M 1799 28674
Gilardi A 32697
Gilardi F 6275 6281
Gilaroni V 8914
Gilardon A 25948
Gilardoni A 8551 52108
Gilberstadt H 17155 50909
Gilbert 6324
Gilbert C 14314 40796
Gilbert C S 4634
Gilbert D A 19661 52332
Gilbert E F 17919 22171 54864
Gilbert F 4831
Gilbert G M 19093
Gilbert J 28363 28373
Gilbert J E 6499
Gilbert J G 23446
Gilbert J N 41328
Gilbert J T 2308
Gilbert J W Jr 19119
Gilbert L I 21677
Gilbert M 18122 32333
Gilbert M G 5931
Gilbert P W 742
Gilbert R A 13212
Gilbert R P 35802 44916
Gilbert T F 20865
Gilbert-Desvallons Y 14429 14443 14446 54030
Gilbert-Dreyfus 9189 21763 36058
Gilbertas A 6305
Gilbertini G 25547
Gil'bo E Z 34686
Gilbrin E 1458
Gilby A R 37105
Gilchrist R K 22100 40298
Gildea E F 24710 35719 35896
Gilder H 51917
Gilder S S 2629
Gildow E M 28178
Giles C 41867
Giles C L 657 7391
Giles K M 24561
Gilév V P 5907
Gilgenkantz J M 54058
Gilgenkrantz J 43946
Gilgenkranz J 21334 54045
Giliarov M S 45620
Giliarovskii V A 33501
Gilić M 10926
Giljarovskij V A 14864
Gilje O 10378
Gilkerson S W 11541
Gilkes M J 2088 2089 2090
Gill D 2050
Gill D G 5359 17681 41164
Gill E G 45816
Gill M 50091
Gill N W 28474
Gill T J III 12358 24328
Gill T M 6962
Gill W E 467
Gillam J S 5276
Gille 9110
Gillen R W 18099
Gillerson A B 12126
Gillert 23161
Gilles H M 47613
Gilles R 2477
Gillespie E H 44855
Gillespie J A 18057
Gillespie J B 4149
Gillespie J H 15243 48986
Gillespie J S 5787 28629
Gillespie L 13218
Gillespie R 40474 40475
Gillespie R W 815
Gillespie W A 5647 18354 28995
Gillespie W H 4305
Gillett J D 25067
Gillette J R 1263 40557 52368
Gillette R 10492
Gilliam A G 8445 24152 33432
Gilliar E 39417
Gillich K H 46087
Gillie A 14312
Gillie E 18461
Gillies D M 35976
Gillies M T 25062 52308
Gillies N E 1654 52442
Gillies R R 17390
Gillingham F J 1207
Gillis B 14725
Gillis J 51059
Gillis L 20481
Gillis L S 21812
Gillis M B 5546
Gillis-Thulliez E 9507
Gillison T H 14317
Gillissen G 25239 34461
Gillman J 14314
Gillman J 40796
Gillman T 4971 6199 15050 30234
Gillmann H 1316 26481
Gillmann H P 26498
Gillo L 3119 26835
Gillot F 24294 25462 30468 30469 32197 43963 53023 53446
Gillum G N 16677
Gillum N L 23325
Gilly L 51826
Gilly R 30457 30462 54172
Gilman A 13175
Gil'man I M 48000
Gilmer W P 20954
Gimes R 51428
Gimlette T M 48141
Gilmore H W 17204
Gilmore J 16184
Gilmore J P 12567 12568 12569 28639
Gilmour I E 9621
Gilmour M N 4719
Gilmour T C 35650
Gilon E 37227 39785
Gilpin C A Jr 6978
Gilpin-Brown J B 40731
Gilsanz 43961
Gilson J C 6253
Gilvarg C 40511
Gimbert J L 15096 44606
Giménez A M 20623
Giménez V 23984
Giménez Tebar 10404
Gimes B 39378
Gimmy J 36419
Gindentuler D M 5973
Gindin A P 13854
Ginefra P 25669
Ginés A R 4074 44541
Gineste P J 26828
Ginestet G 11990
Ginetsinskii A G 12170
Ginetsinsky A G 19687
Ginev B 28741
Gingol'd A I 43546
Gingold N 32184 32185 32186 32199 32200 32201 32202
Gingras G 6501
Gingras G 10656 33421
Gingrass R 22486
Gingrich W D 40948
Ginoulhac C 41467
Ginsberg F 42844 42858 52162
Ginsberg H S 8334 40814 40815 45838
Ginsberg J E 49982
Ginsberg M 12707 13332 15546 36339
Ginsberg V 54732
Ginsborg B L 5781
Ginsburg B E 7949
Ginsburg J 8488 15000 39783
Ginsburg J M 6776
Ginsburg N N 55186
Ginsburg S 13390
Ginsburg S M 28508
Gintscheff P Z 46274
Gintse L A 55774
Ginzburg E A 10815
Ginzburg L 25043
Ginzburg N B 28820
Ginzdurg P L 49428
Ginzel K H 14123
Gionni T 42018
Giobbe S 42596
Giobbi A 6272
Giobbi C 34441
Giocoli G 53690
Giota A 48237
Giok S P 23552
Giolas T G 5831
Giolla P 6930
Giono H 26667 26739 26755 48862
Giorando M 31763
Giordanengo G 52052
Giordani C 19258
Giordano A 21023 21468 24945 27758 27761 29602 36777
Giordano A F 21249
Giordano F P 8165
Giordano G 6795 6796 9291 13983 13984 13985 13986 13987 42675 54212
Giordano G B 27670
Giordano G G 54235
Giordano M 31762
Giordano S 31738
Giordano Lanza A 37526
Giordano Lanza G 37378 37379 37524 37525
Giorgi B 34255
Giorgi G 6817 21503 21504 44815 44843 44844
Giorgini R 29690
Giorlando S W 655
Giorlando S W 30185
Giornelli C 20215
Giotta A 3889 37415 37416 37417 37418 37419 37420 37421
Giova C 21423 32095 54227
Giovacchini P L 50038
Giovacchini R P 21978
Giovanelli G 23057
Giovanelli J 21678
Giovannelli C 41903
Giovannelli E 31761
Giovannelli G 8631 20226
Giovannetti S 6939 29761
Giovanni B 42774
Giove C 8627
Giovine G P 30300
Gipperich G 46004
Gippovi H 21555
Girado M 27323
Giraldi P N 42963
Girard 1452
Girard F 21281 32040 45006 54448 54449 54450 54451
Girárd G 26749
Girard J 17997 51396
Girard M 21743 32025 53236
Girard P 51520
Girard P F 6322 6325 51386
Girard V 47458
Girardeau F L 46969
Girardeau H S 48539
Girardet P 54350
Girardi G F 42552
Girardi S 29872
Girárdez A 8858
Giraud G 7042 7043 7044 7045 7046 7047 7048 7049 7050 7051 7052 7053 7054 7055 7057 7058 7059 7765 27528 36672
Giraud H 8879 25469 30440 30446
Giraud J C 44672
Giraud M 32402 41396
Giraud P 6944 8879 30440 30446 30449 30471 30475
Giraud P A 3713
Girault-Michelier A 38750
Girdany B R 30134 41268
Girdwood R H 41723
Girdwood W 9833
Giri K V 13701
Girija A 16317
Girivetto F 6951 29713
Giro C 36051 48125

Giro C 48127
Girod C 3081
26821
26918
Giroire H 3155
Giroia M 25600
Giroud A 3062 9130 15111 25468 29577 38733
Giroud P 1077 14430 14432 24768 47342 48833 53414 54064
Giroux J C 33409
Girsh L S 16520
Girshov B D 31197
Gish D T 47710
Gisinger E 11016
Gispen R 15792
29967
Gispert-Cruz I 38539
Gissane W 20596
Gisselbrecht H 50778
Gisselsson L 28476
35311
42257
Gisvold D 40748
Gisvold O 4563
Gitelson M 4304
Gitelson S 3421
Gitis E I 11519
Gitis M K 51177
Gitler C 5552
39447
Gitlin D 2360 30421 33048 43145 43155 52617 54628
Gitlow S 4670
Gitsch E 11026
22817
22824
35131
Gitter S 3962
Gittik L S 34798
Gittler R 45964
Gitzelmann R 16381
Giubileo M 42223
Giudi E 54251
Giudice G 27415
34175
55532
Giudice P A 51997
Giudicelli P 21754
36678
41365
Giudicelli R 15069
26791
48831
Giuffrida J G 12970
Giugiaro A 6802
Giuliani K 25348
Giuliani L 36780
Giuliano V 47826
Giulio L 36770
36775
Giunchi G 9583
9602
25574
Giungi F 14520
Giunio N 33366
Giunta F 50225
Giuntini C 36753
Giuntini L 54228
Giuntoli L 42716
Giurgea C 44002
Giuria F 51369
Giuseppe P 6247
Giussani J 43857
Giussani R M 20658
Giusti A 39700
Giusti C 42674
Giusti G 1925
13980
44823
Giusti M 8577
Giustina G 29819
Given J B 54712
Given W P 2984
Givental' N I 36410
Givhan E G Jr 41161
Givner I 15731
Givré A 39094
Gityckx I 43695
Gjørup S 10626 10628 10630 18445 45504 45505
Glabere R R 53
Glad B W 49854
Gladkii A P 33309
33310
33311
33312
Gladkova M A 33457
Gladner J A 22220
40542
40543
Gladnikoff H 35470
Gladstone G P 41810
Gladych J M 29858
Gladyrevskii N L 32552
Gläser A 46568
Gläss E 38478
Glässer A 48223
Glagola C 33879
Glagov S 34942
Glaister D H 14204
Glaister J 37690
Glander R 25288
Glants R M 48037
Glanzer M 20860
Glanzman S 16001
Glas W W 22001
25053
47781
Glascock H W Jr 18718
Glascock R F 17232
53478
Glaser B 28347
Glaser G H 7398
Glaser J 50125
Glaser L H 2233
Glaser R 49337
Glaser W 34360
Glaspel C J 15752
Glass C A 1299
Glass E A 50327
Glass G B J 41032
41033
41034
Glass G B J 49714
Glass J 6486
Glasser M M 20156
Glasser M N 35839
Glasser S R 11549
Glassman E 54404
Glassman J A 17294
Glasson B 9113
Glastonbury H A 19650
Glatenok N A 22626
Glathe J P 20810
Glatthaar E 30270
43820
Glatzel H 365
12079
Glatzl A 35952
Glauber A 34282
Glauner R 15861
15872
Glaus A 43826
Glauser O J 20950
Glíván I Jr 28046
Glavinskaia T A 9845
Glay A 14670
Gléz E 29177
43430
Glazer N 37092
Glazier M 33119
Glazko A J 1292
13341
Glazunov I S 9851
Gleadhill C A 4328
Gleason M F 28541
Gleason C W 51117
Gleave J A 29245
Glebov K K 10728
Gleckler W J 11633
Gledhill A W 52417
Glees M 28935
Gleich J 21559
Gleizes L 26969
36068
45021
Glen R S 12625
Glen W L 29816
Glenc F 39625
Glenchur H 46425
Glendinning A C 18373
Glenister D 31304
Glenn F 1237
23471
35869
52667
Glenn J A 6495
Glenn J F 12664
54539
Glenn W G 10243
55886
Gleser G C 723
5463
53624
Glesne L R 53679
Glew D H Jr 32726
Glew W B 23436
Gley A 54740
Gley P 26844
Glezer G I 28831
45167
Glezer V D 49520
Glick B S 11675
Glick D 28278 39198 39213 44107 44965
Glick P C 51951
Glicklich D 7444
Glicklich L B 41259
Glickman I 40774
Glicksman A S 28406
Glidjić V 9945
Glidžić V 35058
Gliedman M L 1230 23499 36317 49707 54760
Gligore V 31142
Glikin M L 55261
Glikina E L 51739
Glimm G 11418
Gliner T I 28775
Glining K 46045
Glińska D 30838
30851
30856
Gliozzi M A 9323
Glithero E 41215
Gliwa E F 15255
Glock G E 53473
Gloesener E 51062
Gloesener R 49398
Gloggengiesser W 27503
Glogner E 24235
Głogowska I 53212
53213
53223
Gloning I 33840
36484
46045
Gloning K 11035
33840
Gloor F 35020
Gloor P 27319
Gloor R 53308
Gloor U 39257
Glorieux P 38822
Glorig A 13289
33031
Glorig A Jr 4493
Glotzer D J 52626
Glotzer J 12603
Glotzer P 18122
Glover D M 148
13320
Glover E 2119
4306
37574
Glover H M 46432
Glover J 14192
Glover R M 5344
Glover R P 484
4474
41455
54754
Glover S N 35660
Glovinsky R 49176
Glowacki E T 12966
Głowiński M 27604
39626
Gloyer E 51832
Glubokina A I 1723
Glubokova P D 10781
Gluck E 52746
Gluckmann A 24136
Glushchenko A G 45752
Glusman M 8351
Glynn L E 13296
18358
Gnavi M 25550
Gnudi A 25584
48123
48124
Goadby H K 18695
Goates W A 5818
Gobbato F 3894
Gobbel W G Jr 5881
Gobbi U 2974
Gobin C 18633
Goble A J 18440
37636
Gociu M 43994
Godán F 13885
Godar G 25456
Godard J 13476
Godbole A S 4211
Godbout R 7538
Goddard D W 33085
Goddard H A 46061
Goddard J L 48092
Goddard J W 11745
17013
Goddé D 32916
Godeau 31940
Godeau P 31113
Godefroy G 42017
Godel R 31042
44696
Goder G 55525
Godet-Guillain J (Mme) 9140
Godfrey C M 51564
Godfrey J E 17774
Godfrey L B 50669
Godić V 32613
Godlewski G 55127
Godlewski S 9147
9148
Godlewski W 33701
Godlowski Z Z 55019
Godman G C 33069
Godoy A de 53845
Godtfredsen E 23857
Godts P 37040
Godwin J T 24162
30139
Göb A 34275
Göbel A 11442
Goebel F 34229
34230
34231
Göbel P 27888
36953
38950
Goebel U 6658
Goebel W F 17254
Göbelsmann U 41743
Goecke H 39409
39410
Goecke W 23137
Göckel C W 26388
Gödan H 11284
Göksel F M 33002
Goel D P 6503
Goeller J 11685
Göllesz V 49813
Göllnitz G 44218
Göltner E 52231
Göltner E C 42297
Goemaere F 24106
Goemare F 36078
Gömöri P 29170
29175
29176
29177
Goen L S 41973
Gönczöl I 37245
Göoz K 24031
Göpel H 2874
29031
38418
Göpel W E 24231
35573
Göpfert H 30506
Göppinger H 43115
Göransson C 32978
Görcs J 11431
41988
Görgö P 11399
Görisch V 29902
Goerke H 23739
Goerner H D 13360
Görsdorf K 19040
Goerttler K 358
Görtz H 28917
28892
Göesler A 15304
Gössner W 15436
Göswald R 13647
Goethals T R 38590
Goethe H 22969
36923
Goetschel E G 37852
Gött H 49087
Götte H 12095
Götting G 25311
Göttinger E 46042
Göttsching C 45458
Goetz B 53149
Goetz F C 3358
Götz H 395 6073 11288 22975 38516 38858 49840
Götz R 39062
Götze A Jr 20527
Götze W 49123
Götzen F J 11315
11324
Göszy B 12493
14602
36559
Goffard G 21174
Goffart-Roskam J 15153
Goffe A P 14292

Goffrini M 2006 19157
Goffrini P 47809
Gofman J W 16363 40675 50421
Gogate A N 4188 4189
Gogel W C 23286 46364
Goglia G 39519
Gohrbandt E 10267 11385 34554
Goia I 6582 41654
Goicoechea Quiros P 13549
Goidanich I F 26598 26602
Goiffon B 49158
Goiffon R 49158
Goil M M 17376 34309 34319
Goinard P 401 406 428 24238 24245 24246 24249 24266 40978 42444
Goiny H 14460
Goirand M 30473
Goirand R 26263 26266
Goisis M 6860 29627
Gokhale B B 18510
Gokhblit I I 1747
Gokhfel'd E T 41700
Gola G 25621
Gola J 28409
Golab H 39627
Golavskaia A V 53039
Golba J 31528
Gol'ber L M 31216
Golberg B 48190
Golberg M 40954
Gold A M 28271
Gold E 27454 41713 55384
Gold E R 14319 19597
Gold G 50929
Gold G L 25925
Gold H 40301 42833
Gold J J 13208
Gold M I 35982
Gold P 32929
Gol'dat S Iu 36353
Goldbarg J A 7414 49715 49716
Goldberg A F 29522
Goldberg A L 35616
Goldberg B 9792
Goldberg C A 38558
Goldberg G 26242 26243 26245
Goldberg G M 12470
Goldberg H 438 2904 15550 24329
Goldberg H F 14628
Goldberg H I 48507
Goldberg H K 47026
Goldberg H M 37656
Goldberg I J 15061
Goldberg L 35314 36595
Goldberg L C 22 1287
Goldberg L H 39565 49780
Goldberg L M 12359
Goldberg L R 17130
Goldberg M 51894
Goldberg M A 12604 50445
Goldberg N 27605
Goldberg S A 50823
Gol'dberg V A 41662
Goldberger E 35648
Goldberger L 5456
Goldblatt E 36539
Goldblatt S Z 48786
Goldbloom A A 24414 46919
Goldburgh H L 50122
Golden A 38607
Golden J B 23497
Golden L 39823
Golden M L 20093
Golden S S 20152
Goldenberg B 3345 27234
Goldenberg I S 3160 10132 14750 24497 27053 48972
Goldenberg M 261 9471 11655
Goldenthal S 35741
Goldfarb A F 3775 30155 35767 41047
Goldfarb A I 26290
Goldfarb A R 17406
Goldfarb D L 5713
Goldfarb S 22329
Goldfarb W 24592
Goldfischer J 47516
Gol'dforb D M 55826
Gol'dgammer K K 22612
Goldgraber M B 11773 49712
Goldhaber G 35155
Goldhaber P 11774
Goldhahn W E 11393
Goldhammer H 3275
Goldiamond I 31551 40818
Goldie H 48564
Goldie W 2152
Goldin A 5434 7224 40555A 48580
Goldin H 20924
Gol'din M I 33168
Golding F C 26098
Golding J 53230
Golding J R 6176
Gol'dis G M 45888
Goldman A 12313 36289
Goldman C 47206
Goldman C L 2560
Goldman D S 50349
Goldman E 5493
Goldman E C 50349
Goldman H 47129
Goldman I B 15738 15746 49396
Goldman J A 2041
Goldman J L 6225
Goldman L 1234 11584 27511 51577
Goldman R 4846
Goldman S 22355 33364
Goldman W P 14664
Goldmann H 30631
Goldmann P 49837
Gol'dmon M I 55204
Goldner M 1593
Goldner M G 565 3362 11644 51816
Goldowsky S J 9269
Goldrach C 39759
Goldrick R B 52330
Goldring D 17914
Goldring S 27322 50910
Goldsand R 9544
Goldsborough D 36304
Goldsborough J N 50693
Goldschlag F 31506
Goldschmidt E 27782
Goldschmidt H 5222
Goldshtein I 9249
Goldsman T 21214
Goldsmith G A 12347 24368 24376 50234
Goldsmith H J 18378
Goldsmith I 11682
Goldsmith L I 51596
Goldsmith N A 22054
Goldstein A 39818 39821 39822
Goldstein A G 795
Goldstein D A 50548
Goldstein F 47221
Goldstein H 46964
Goldstein I 9477 28421 31122
Goldstein I R 25050
Goldstein J 28678 35886
Goldstein L 12538 20232 27908 39295
Goldstein M 47544
Goldstein M A 22319 53118
Goldstein M S 734
Goldstein N P 47318
Goldstein R 1192 18483 46949
Goldstein S 16568 31127 34982
Goldstein S I 16751
Goldstein S L 29767
Goldstein T P 28390
Goldstein-Nicolas M 54034
Goldstone A 13829
Goldstone S 4385 17353 26083
Goldsworthy N E 36984
Goldthwait D A 47962
Goldthwait J C 30138
Goldwasser E 1147 5257
Goldwasser H V 46946
Goldwater E M 20337
Goldwater L J 50199
Goldwurm G F 37448 37451 37514
Gol'dzand L L 43564
Goldzieher J W 13212 29832 40532 50233
Golębiowska M 20232
Golemba P I 7893
Golenhofen K 30506 30513 30518 30585 36465
Golfera H 53346
Golfieri G 24966
Golhen A 32209
Goliadze A S 10799
Golianitskaia O N 54576
Goligher J C 18673 31277 37639
Goligher J C 53545
Goligorskii S D 5978 10720 45595
Goljow B 30245
Golikov V Ia 39601
Golin M 16620
Golinevich E M 22693 33644
Golinker B I 33258
Golian F 35466
Goller G 52782
Gollin H A 24718
Gollmann G 15844 15862
Gollmitz H 38926
Golub S 54686
Golub S W 28139
Golodetz A 50419
Golodetz Z 50420
Golodov I I 15771 49551
Gologorskii V A 32569
Gololobova M T 37192
Golomb F M 20383
Golomb M W 557
Golosnitskii A K 55829
Golosovker S Ia 22498
Golosovskaia M A 44023 45121
Goloveshko S M 45103
Golovin G V 45686
Golowinsky E 46173
Gol'tser S G 45215
Goltz R W 5223 11561 41008
Golub L J 656
Golub M 43782
Golubev V A 33178
Golubeva I V 55838
Golubeva K A 55244
Golubeva L Ia 31152
Goluboff B 50113
Golubović V 21944
Golubykh L I 34761
Golutvina A N 55205
Gol'zand Z I 33282
Gol'zand Z L 33280
Gomar F 18836
Gomar Guarner F 29361
Gomberg B 47013
Gomberg C 18356
Gombert H J 3297 38900
Gombaštó B 6338
Gomelauri L Z 21910
Gomelsky J 54442
Gomeniuk I P 46813
Gomensoro J B 1561
Gomes E M 18821
Gomes F P 42197
Gomes M C 40214
Gomes A L 3324
Gómez E 10401
Gomez F 420 13897 36530 40228 48082
Gomez F D 44575
Gómez J A 27323
Gómez J C 19779 19780
Gomez J J 24697
Gómez M A 43864
Gomez O A 8678 15494
Gómez R 8698
Goméz R A 9742
Gómez R N 9713
Gomez Bosque P 35024
Gómez Ferrer Bayo F 29363 42205
Gómez Gómez G 44602
Gómez Gotuzzo F 35408
Gómez Hurtado G 44546
Gómez J. de Cisneros J M 53895
Gómez Leal A 44554
Gómez Mont F 44554 44558
Gómez Navarro A C 39135
Gómez Orbaneja J 31812 53912
Gómez-Orozco L 37258 37260
Gómez Palacino J A 21146
Gomez Pereira J L 26180
Gómez Rojas R 21190
Gomi J 40425
Gomila J 31922
Gomirato G 9762 13506 27654 27655
Gomirato Sandrucci M 29720 29721 29727 29728 29733 29739
Gompel C 2323 24137 24155
Gompertz M L 15941
Gomulka J 30741 43658
Gonçalves N B 19583
Gonçalves O 13601 13610
Goncerzewicz M 43671
Goncharov O G 10744
Goncharova M N 43405
Gonda G 39249 39734
Gondra M D 39130
Gonella J 48917
Gongwer L E 23376
Goni Moreno I 1843
Gonin A 36687 47749 47752
Gonnard P 9016 9030 24907 47347
Gonorazky M 15471

Gonsette R 35243
35244
50361
Gontzea I 24879
Gontzea J 28047
Gonzales L L 54679
Gonzales-Jimenez E 90
Gonzáles Moreno M 13521
González A 8905
González A A de 21068
González E 8798
35438
González F 578
53962
Gonzalez F P 31011
González H 21164
González H D 6605
Gonzalez I E 35829
González J 44567
González P 37256
Gonzalez R 51664
González R H 8705
González-Abreu L 44497
González Barranco D 6613
González Bosch R 27212
39112
González-Bueno C M 53931
González-Cerna J L 14961
Gonzáles Colombo D 20632
González Cuesta A 39615
González Díaz I 44569
González-Galván J M 38529
48745
Gonzáles Garcia C 7582
20048
González Mármol E 13528
González Martín A 15484
González Merlo Z 22270
González Montaner L J 32443
González Ochoa A 8904
González Padrón C 53908
González Panizza V H 951
24041
González Pineda F 44554
Gonzáles Puebla P 8836
Gonzáles Ramos M 32469
González Rodríguez A 53960
González Salvatierra A 8916
González Serratos H 1554
González-Ulloa M 2927
20394
González Varela J 31866
Gonzalo-Sanz L 0860
Gonzenbach R 21601
Gonzini A 252
Goobar J P 9668
Good B F 19672
Good C A 31630
Good C A 47213
53722
Good M G 30735
Good R A 13633 22069 28021 31377 37561 40817 43487 44965 46533
Good T A 13631
Good W W 12616
Goodale F 51106
Goodale R L 109
Goodall A L 17844
Goodall M C 19483
52322
Goode E R 14469
Goodell H 11660
Gooder E 18378
Gooder H 19533
Goodford P J 51115
Goodfriend L 14623
Goodhill V 5839
8232
10252
46478
Goodhue D 20938
Goodkind M J 47126
Goodland R L 11550
23348
Goodlin R C 43494
Goodman A C 18481
Goodman D 47042
Goodman D H 36873
50133
Goodman D S 24400
28241
40689
Goodman E H Jr 3352
Goodman G 689
34917
Goodman H 23712
Goodman H O 50045
Goodman H S 19651
40946
Goodman I 35547
Goodman J I 30252
Goodman J J 28346
Goodman L S 4560
Goodman M 5576
Goodman R D 2523
Goodner K 40455
Goodrich D W 8394
Goodrich K P 50551
Goodrich M 40664
Goodridge D L 18073
Goodsell J O 17876
Goodside V 24553
43171
Goodson J E 23318
Goodstein L D 5027
28665
28666
Goodstein S 11685
Goodwin H 5489
Goodwin H M 3770
Goodwin J F 2903 26121 31256 31421 41834
Goodwin L G 7155
37699
41299
Goodwin R F 50473
50477
Goodwin T W 29811
37063
Goodwin W E 650 4485 5932 33108 54764 55032
Goodwin W L 28525
Goodyear H M 23450
Gool J van 15802
49603
49604
Goolden A W 14208
15061
26088
Goossens J F 25395
Goostray S 12364
Gopalan C 41462
Goppold-Krekels A 27896
27910
49915
Gorácz G 41987
Góral L 7180
Goranov I 32749
32770
Gorbacheva M A 43556
Gorbachevskii F F 33331
Gorbasheva T P 55146
Gorbunov A V 22619
Gorbunova A S 22692
Gorbunova K P 11473
Gorbunova V I 7931
Gorchakov A K 32773
Gorchakovskaia N N 33645
34627
Gorczyca L R 15035
Gordadze G N 51734
Gordeeff A 36660
Gordh T 10178
Gordi Grau J 42204
42214
Gordienko A N 1751
Gordienko S K 13564
Gordieyeff V A 11602
Gordillo G 37256
37263
Gordillo H 21177
Gordillo Hernández D 29388
Gordin R 229
35191
Gordon A 17362
Gordon A H 14093
25868
37054
Gordon A J 14975
Gordon A S 145
735
53111
Gordon B D 5010
Gordon B S 16006
Gordon D L 41263
Gordon D M 24548
30223
34913
45046
Gordon D P 48735
Gordon D W 5571
17835
30919
Gordon E E 17060
27823
31344
40123
Gordon E S 5524
16598
Gordon E T 12435
18148
Gordon G 3026
Gordon G G 39174
Gordon H 9830
21818
38140
Gordon I 6548
18368
Gordon J B 7551
Gordon J D 37943
Gordon J E 5688
16498
53658
Gordon L 40620
Gordon L Z 24337
Gordon M 13268
47549
Gordon M E 38831
Gordon M J 32361
Gordon N 8111
Gordon P 9552
Gordon R A 14573
Gordon R B 34877
Gordon R M 25069
Gordon R S Jr 17059
20341
24400
Gordon V H 50311
Gordon W B 12835
Gordon W F 12572
Gordon-Taylor G 18034
51124
Gordonoff T 16375
28066
46634
54871
Gordy W 44297
Gore H M 21514
Gore I 133
Gore M B 17238
Gorecki P 31065
Goreczky L 7148
Gorelick D 3366
Gorelik A N 42515
Gorelik S L 9858
Gorelov F I 10886
Gorelova N D 33598
33599
Goren M L 37952
Gorenberg H 1142
Gorens S W 11072
Gorer P A 13266
21013
47559
Goresco I 32186
Gorescu I 9466
Goret P 3080 15103 15121 26906 38676
Goretti P 21435
54223
Gorev N E 24213
Gorfein D 37984
Gorfin D V 3799
21929
Gorgoliuk Iu A 55196
Gorgot I 23918
Gorham E 18388
Gorham G W 48374
Gorham J R 4628
12760
15234
Gorham P R 26412
Gori E 39239
Gori G B 53822
Goriachev Iu E 45713
Gorilovskii L M 41544
Gorini D S 3339
Gorini P 34428 39766 29768 52423 53994
Gorinshtein M L 51217
Gorlunova S V 33162
51933
Gorlunova T I 37179
49570
Gorizontov P D 33488
Górka Z 53135
Gorkin V Z 37144
Gorkin Z D 39579
Gor'kova A V 39340
49435
Gorlin R 40701
Gorlin R J 14349
14741
17869
40776
Gorlitzer von Mundy V 46051
51867
Gorman G W 17469
24708
50999
Gorman H A 11527
Gorman J B 8009
Gorman M 17463
Gorman W C 54702
Gorman W G 40373
Gormaz A 2092
Gormsen H 43181
45495
46609
Gornicki B 14859
Górniok A 30788
Gorodskaia G I 13863
Gorokhova N P 41693
Goromosov M S 3810
Gorostiaga J B 43890
Gorostidi F 41122
Górowski T 8103
43666
Goroshankina L A 22679
Gorrie M G 44261
Gorrill R H 28985
39722
Gorriti F 8726
Gorse J 39483
Gorshkov S Z 55339
Gorskaia S V 55302
Górski M 30804
Gorson R O 53730
Gorsuch G E 1154
22469
Gort J 46598
Gortalum G M 3822
Gorter A A 30000
Gortner W A 4777
Gortvai G 7711
Gortvay G 7693
52905
52906
Gorun G 46488
Gorvett E 4448
Goryński T 38462
38473
Gorys H P 15307
34572
Gorzkowski T 6876
Gorzynski E A 4562
Goshen C E 51914
54534
Goshkina A I 45681
Gosin S 16515
Goslar H G 49282
Goslings J 35205
Goslings W R 11628
Gospodinoff A 30675
31736
Gospodinova V 16403
16404
Gospodinova-Makedonska D 45312
Goss A E 17354
Goss R J 477
40791
Goss W A 52293
Gosse N H 14727
Gosselin B Y 14733
Gosselin C 18499
Gosselin G 10658
33422
Gosselin J Y 28445
Gosselin O 27705
44684
Gosselin R E 1443
Gosserez M 13020
Gosset J 15216
47377
51879
Gostev G S 55263
Gostling J V 14098
37573
Goswami P N 17437
Gosztonyi G 39429
Got C 29834
38525
Got M 54085
Gotfredsen E 1630
Göth E 30294
Gothberg L C 27090
Gothe H D 34430
Gothié S 26846
32391
Gothoskar B P 4178
16297
27413
40069

Goto H 16467
Goto M 42971
Goto Y 22259
22260
Gotovtseva E V 34810
Gotovtseva V A 36388
Gots J S 20730
Gotsch K 46197
Gotshalk H C 16100
Gott F S 16347
Gotta H 15495
Gotte L 1961
36808
37426
Gotteafeld H 8382
Gottesman A H 50035
Gottesman L 490
Gottfried A 54469
Gottfried S P 17912
Gottfries C G 54824
Gotti D 52072
Gottlieb B J 24915
42292
Gottlieb O R 19583
Gottlieb P M 4256
Gottlieb S 4241
Gottlob F M 37763
Gottlob R 44308
Gotto A M 29861
Gottschalk A 35556
55565
Gottschalk C W 9561
Gottschalk L A 5463
8427
53624
Gottschalk W 30829
Gottsegen G 12257
29890
52889
52903
Gottstein U 29110
41734
Goublet R 44794
Gouch A F 32870
Goudaert M 31087
Goudie R B 4892
18459
Goufas G 1013
Gouffault J 2474 31996 31997 36686 43745
Gougerot L 15091
21356
Gouget A 26265
Gough J 10309
Gougnard L 48401
Gougnard-Rion C 48401
Gouillet G 26902
Goulart M 8750
Gould D 18366
Gould D M 38568
51578
Gould E 28438
Gould H J 52307
Gould M L 12376
Gould R G 11536
Gould T C 40795
Goulden F 41808
Goulden J D 5087
Goulding K J 25863
Gouldman C 34900
Goulet Y 45545
Goulon M 2487
8243
9151
Goulon M 54157
Goumaz G 30964
Gounelle H 2473
24878
32189
36186
Gounot J 6297 6307 51373 51380 51381
Gounot R 51373
51380
Gour K N 5176
Gouras P 682
12485
Gourdeau R 38040
Gourevitch A 16887
24999
Gourevitch S 16487
Gourley D R 31302
Gourmelon 2302
Gourzis J T 44958
Goussis A 11985A
Goutarel R 1044
1047
Goutelle V 51383
Gouttas A 10325
Goutx P 2017
2018
31941
Gouveia V de 16474
Gouygou C 1458
3132
Govaerts A 8996
Govan A D 28996
Govea J 44500
Govea Peña J 8835
Govier W M 24760
31330
41287
Govil K K 5159
5178
Govor N N 9926
Govorovich E A 41688
Govzman S G 5982
Gowen J W 13265
Gower J C 24972
Gowers E 20556
Gowing N F 51329
Goyan F M 16717
Goyan J E 16725
Goyer R 20524
43740
53435
Goyert K 22977
Gózon G 51269
Gózony M 37236
Gózony M 48075
Graafland C A 38521
Grabar P 25119
Grabda B 33764
33765
Grabda J 33768
Grabe B 47947
Grabecki J 43651
Grabenko I K 41694
53453
Grabenstetter R J 40769
Graber C D 12274
17913
Graber E A 35742
Graber H 52897
Graber R E 24639
Graber-Duvernay B 44796
Graber-Duvernay J 5332
35202
44796
Grabill W H 51951
Grabner G 23020
23021
34020
Grabner H 42922
Grabovskaia O Z 19116
Grabstald H 5919
Graca G B da 14793
Grace D E 11098
Grace E J 17515
Grace J T Jr 13318
31279
Gracheva I V 55302
Gracheva N P 36364
Gracheva R P 31173
Gracián C 22267
Graciansky P de 14086
Gracie W A Jr 40313
Gracki H 36590
Gracsyk-Tolwińska Z 31508
Graczykowska-Kocsorowska A 30791
30795
Grad C 10029
Gradone F 28041
Grädel E 39831
Gräf W 25240
25245
Gräfe H K 15324
15349
Graeff H 23000
Gräff S 22960
Grängsjö G 45363
Gränsbeck R 32234
44909
Graetz H 23618
Gräub R 30614
Graev M 1489
1490
36710
Graf C 17912
Graf C J 5533
Graf E 13367
Graf E C 5920
Gräf F 20173
Graf H 18938
46086
Graf K 12018
Graf L 38061
38062
Graf L H 16873
Graf R 42329
Graf W 12018
Grafe G 29456
42388
45405
Graff A 14753
Graff R J 22075
Graff S 2666
14753
Graff T D 35981
50226
Graffi A 11918
Grafius M A 23311
Grafnetter D 26555
48628
Grafov A A 33488
Grafova G Ia 33306
33307
33308
Graham A F 22600
47949
Graham A S 32732
Graham B D 23511
Graham C E 39205
Graham C H 11694
Graham D C 14402
Graham D M 6476
Graham D T 44254
Graham E A 38080
Graham E R 23326
55565
Graham E W 5452
Graham F W 42109
Graham G G 50319
Graham I A 36980
Graham J 23452
28993
Graham J B 17585
44972
Graham J C 39619
Graham J D 14321
Graham J M 5701
7037
Graham J R 40145
Graham O L 16921
Graham P A 14106
Graham R C 14635
Graham R M 24138
44972
54739
Graham R N 10260
Graham S 14745
17779
43727
Graham S H 26010
Graham T F 47024
Graham W 14683
Graham W D 40633
Graham W H 37663
Graham W J 48266
Graham W L 28566
Grahame E W 41850
Grahl-Madsen R 7487
Grahn H V 4432
Grahne B 114
35320
Grailly M de 9054
Grailly R de 5322
17660
41111
Grainger R M 17209
Grajo M Z 496
50713
Gralnick A 2655
Gram H G 49086
Gramberg-Danielsen B 28907
Gramenzi F 9351
Gramiak R 14963
48704
Gramlich F 18333
Gramm H W 20325
Grampa G 31778
Grams A 17194
Granata A 27764
Granata G 42802
Granata L 44320
53759
Granata M 37494
Granati A 27461
44327
Granato R C 8209
Grand H G 47193
Grand N E 50403
Grandar R 15146
Grandbois J 26425
51362
Grandchamp-Chaudin A de 38668
Grandchamp-Chaudun A de (Mme) 26303
Grande A 21039
Grande J 18820
30307
Grandguillaume P 54350
Grandis G 52115
Grandjean A 41932
Grandjean E 21610
25185
27838
Grandjean L C 25826
Grandjean T 55542
Grandmottet 47423
47424
Grandolini G 49411
Grandou P 38721
Grandpierre R 177
24905
Granelli U 42702
Granén E 48746
Grangaud R 35611
48910
48911
48912
Grange J 26362
Grangeard A 22152
Granger C V Jr 24713
Granick S 17124
Granier R 51511
Granier-Aubry (Mme) 20680
Granil'shchikov V P 39611
Granirer L W 19914
Granit R 17972
24564
52489
Granits-Thurner J 16094
Granjon P 9002
Granone F G 31647
Granotier E 51483
Granston A S 20663
Granström K O 23830
23861
Grant A 49496
Grant A P 48266
Grant D A 5019
28341
Grant D W 19510
Grant F C 26642
26643
26644
Grant G 48137
Grant G A 34839
Grant G B 5301
Grant H C 48135
Grant H D Jr 16262
Grant I D 32501
32506
Grant I W 14153
43787
Grant J L 16641
Grant P W 9623
Grant R 322
Grant R N 1230
23481
36317
54760
Grant R P 2887
Grant W M 11676
Grant-Frost D R 36988
Grant-Whyte H 32500
Granville N B 227
Graovac B 33368
Graovac Ž 27859
Grappe J M 10028
10042
45016
Grapulin G 46583
Gras A 26267
47756
Gras G 54887
54888
Gras H 9233
36631
49641
54466
Gras J 19350
Graser F 55073
Grashchenkov N I 32572 33504 34726 34771 46317 55854
Grassberger A 2287
18317
25686
34246

# CURRENT LIST of MEDICAL LITERATURE

Grassé P P 5798
Grassellini A 1938
1940
Grasser H 39381
Grasset A 31055
Grasset J 9175
26256
Grasset M 32414
Grassi A 29678
29693
29696
42706
Grassi F 31772
Grassi G 20906
44278
Grassi G C 37160
37162
Grassi L 7735
Grassi E 42942
Grassi M 49930
Grassmann W 49889
49898
49923
Grasso E 6945 13101 13102 13103 42783
Grasso S 19169
Grater W C 10253
13148
45098
Grattarola F R 17804
19256
32268
Grattarola V 8664
Gratton L 45546
Grau C A 9676
Grau C R 47631
Grau H 34225
Grau H R 10499
53124
Graubner E 30941
30942
Grauer D 4601
Graul E H 10002
10003
10004
51615
Graul R 37
Grauman S J 36877
Grause H 34357
Graux P 9132
Gravano L 3314
15530
31029
Gravante G 37386
Gravel J A 41921
45540
Gravel P 9217
Graveleau J 36055
44991
Graven S N 28599
Gravenstein J S 21680
Graves J C 2170
Graves L M 53654
Graves L R Jr 24518
Graves V 2170
Gravier J 42499
Gravina E 54239
Graviee L C 43298
Grawitz P B 46839
55650
Gray C H 17228
Gray D E 18159
41020
Gray E D 31253
Gray E G 16787
Gray F V 4731
37591
37592
37593
Gray G M 25866
25867
Gray G W 17937
Gray H F 46368
Gray I R 41838
Gray J H 2717
Gray K G 10459
Gray L A 41025
Gray L H 19599
Gray L P 17626
Gray M J 648
Gray M P 725
Gray M S 20590
Gray N J 51548
Gray P 21971
Gray P G 48315
Gray R W 4433
Gray S J 525
12522
49696
Gray S W 26598
Gray T C 41811
Gray T W 47285
Gray W D 17935
Graybiel A 55895
Graydon J J 722
Grayhack J T 15588
54768
Graymore C 48212
48213
Grayson H M 47176
Grayson J 28616
Grayston J T 5195
5196
5197
50191
Grayzel H G 23508
23509
Grazer F M 31416
Grazhul' V S 3807
Grazi E 26336
Grazi S 52067
Graziadei P 23577
Graziadei-Celoria M L 16018
Graziani A 26360
Graziani G 15787
Graziano S 35164
Grbeša B 22640
Grcić R 21962
Gready T G Jr 20068
47010
Greaney E M 10458
22738
Grebbell F S 14142
Grebeniuk V I 10950
Grebennik L I 3575
22674
Grebennikova A T 51187
Grebner G 3303
Grebneva L S 49435
Grechishnikova L V 43554
Greco A V 1915
14018
14019
Greco E 21484
Greco J 17592
24263
26215
Greco M 37322
Greco N V 9731
21789
32454
Greco S 23310
44842
Grecz N 47628
Greegor D H 43322
Greeman R B 12668
Green A 15656
Green A L 35560
Green B E 32718
Green C R 52618
Green D E 9608
53065
Green E N 16530
Green E W 39937
Green F O 19599
Green G H 30200
Green H 31428
44119
47052
50825
Green H B 50111
Green H D 2924
47138
Green H G 41253
Green H L 17762
Green H N 19633
28025
Green H R 16363
Green I 22320
Green J 52379
Green J A 32623
32629
Green J B 2332
19804
28550
Green J D 19608
Green J M 52789
Green L 50725
Green L F 1348
Green M 50166
Green M A 7394
36238
Green P A 49705
Green P B 16942
Green R 23297
47087
51286
Green R E 12719
Green R S 24337
Green R T 26080
Green S 40698
Green W T 40615
Greenacre P 4270 8411 16758 44230 44250
Greenbank R K 12624
Greenbaum A L 6264
Greenbaum D 12294
51327
Greenberg B G 12387
12653
35836
Greenberg D 23510
Greenberg D M 2711
47693
Greenberg J 5597
16770
17574
52164
Greenberg J H 53
Greenberg L 2614
12814
Greenberg L D 24392
Greenberg L J 39198
39213
44965
Greenberg M 11564
12405
20263
Greenberg P 49168
Greenberg R A 4838
Greenberg R E 53001
Greenberg S D 18485
36261
Greenblatt E N 36592
Greenblatt M 12588
Greenblatt R B 647 8641 13210 13211 34992 40287 41156
Greenburg T 16689
Greendyke R M 12275
35733
35735
Greene A A 32348
Greene C 23419
Greene C S 50204
Greene E A 33
14998
Greene H G 10094
Greene H J 35762
Greene H S 38829
Greene J A 27251
54532
Greene J L 40831
Greene J W Jr 35743
Greene L C 16832
Greene L S 45549
Greene N M 3163
12968
24758
Greene P 74
Greene R 14245
17232
22378
Greene R R 47012
Greene W A Jr 20870
Greenfield I 7457
Greenfield J G 48131
Greenfield N S 5461
17151
Greenfield N S 17161
Greenfield R E 17774
41183
Greengard P 51091
Greenhalgh J F 2079
Greenhill S 2638
Greening R 11770
Greening W P 6563
Greenland R M 17478
Greenman R B 54699
Greenough J J 4860
Greensher J 38098
Greenson R R 4295
Greenspan F S 49255
Greenspan G 52635
Greenspan R 28162
Greenspan R H 50202
Greenspon S A 11744
Greenstein J P 1359
25431
Greenstein M E 25431
Greenstein S 16510
Greenstone S M 46521
Greenstreet J E 40848
Greenwald C M 31634
Greenwald H 52671
Greenwald I 10519
Greenway D J 15510
Greenwell F P 16052
Greenwood A H 4248
Greenwood F C 1402
52422
Greenwood I 24576
Greep R O 15611
44132
49256
Greer A E 12709
50990
Greer J E 24448
Greer J R 28630
Greer S 7258
Greer W E 4642
9266
13675
Greey P H 25019
Gregersen E 23855
Gregersen G 22418
Gregersen K 47133
Gregersen M I 47133
47135
Gregg D E 2923
Gregg D M 2128
Gregg J B 39435
Gregg J H 27402
Gregg L W 5029
17078
Gregg R O 22035
Greggers E 15367
Grégoir W 33441
Grégoire A 50362
Grégoire C 38765
Gregoire F 2307 12330 22454 33424 38029 45541
Gregoire J 26334
48919
Grégoire J 48920
Gregoire, Jana 26294
Gregoire, Jean 26294
Gregoire M 8879
30446
32057
Gregor F 28418
Gregoratti G J 32435
Gregorczyk K 49006
Gregoretti L 9763
36757
Gregori A 53749
Gregory A F 6151
Gregory C F 29278
Gregory D C 36240
Gregory H H 12054
41155
Gregory I 12615
48502
Gregory I D 14110
Gregory J 36240
Gregory K F 28425
Gregory K O 19872
Gregory R 12524
Gregory R A 28621
Gregory R L 798
19685
29862
52443
Gregory W B Jr 6518
Grégr V 38327
Greider M H 13234
Greifenstein F E 12966
12977
Greig A S 2563
Greig H B 9785
Greil A 4031
Greiling H 23619
Grein A 28210
Grein L 25894
Greinemann H 34402
Greiner G F 27023
32002
Greiner R A 39935
Greiner T 40301
Greisheimer E M 40264
50229
Greisman S E 5148
17411
20751
Greither A 3300
4001
Grekova N A 55789
Grelet N 15081
Grelis M E 19579
Grellet M 39498
39499
39501
Gremilov V A 33582
Gremmel H 11422
22218
Grémy F 37933
38741
44632
44736

Grenberg T F 33284 33285
Grenda J 31511
Grendahl H 43249 45421
Grenell R G 5472
Grenfell R F 32523
Grenier J 25471 54605
Grenzmann M 27194
Greppi E 6904
Greppi M 37423
Gresham G A 5674 13297
Grešíková M 24215
Gresland P 15080
Gressa E 46095
Gresser I 16438
Gresson R A 30364
Gretillat S 1038
Greulich J 45848
Greusard C 26692 26693
Greve L H 29975
Greven K 30566
Greville G D 19538
Greving F T 19097
Grévisse J 26780
Grewe H E 34560 42354
Grewel F 15811
Grewin K E 43186
Grey C E 13871
Greyerz W von 32981 45536
Greyerz W von 54820
Grèzes-Rueff C 36101
Grgić Z 21628
Grgurević M 18522
Gribbe P 26503
Gribnikova A M 1754
Grice H C 17954
Griebner D 34157
Grieco A 42221 42222 42228 42229
Grieco V F 16357
Grieg A 52737
Griem M L 52306
Griep W A 7339 48406
Griepentrog F 12198
Grier M E 35745
Griesemer R D 28438
Griesser G 27383 29051
Griessmann H 34370
Grieve G P 43624
Griew S 27570 52357
Griffen A B 13263
Griffin A C 10244 28444 41189
Griffin C J 43361
Griffin D P 17123
Griffin E H 12713
Griffin G E 12544
Griffin J E 20335
Griffin J L 3500
Griffin P E 2059
Griffin S W 36913 41167
Griffin T P 12767 44090
Griffin W H 12370
Griffin W P 20592
Griffith A V 4908
Griffith B C 595
Griffith B H 10490 32688 47541
Griffith G 19649 49986
Griffith G C 4486 15553 39437 50198
Griffith H R 35976
Griffith I V 5554 18374
Griffith R M 41352
Griffith R S 13335 40356
Griffith T 40548
Griffith W D 18029 19077
Griffith W H 12345 51921
Griffith W R 11605
Griffiths B L 17716
Griffiths D B 32468
Griffiths D J 29830
Griffiths E 19601
Griffiths I 19629 21970
Griffiths J 9812
Griffiths L A 13709
Griffiths L L 36532
Griffoni V 8663
Grifone J W 3655
Grifoni V 8045
Grigarzik H 30521
Grigg A E 17174
Grigg E R 924 12692 12791
Grigg G W 3496 5081
Grignani F 21006 42601
Grignani G C 30302
Grignon C E 566 22464 33425
Grignon G 26596
Grignon J 33426
Grignon J L 13026
Grigoleit G 29906
Grigoraki L 54130
Grigoras S 45019
Grigorescu D 8597
Grigor'ev I I 6643
Grigor'ev L M 47887
Grigor'ev N I 13579 33313 33314
Grigor'ev P Ia 45172
Grigor'ev V E 55153
Grigor'eva U E 33630
Grigorian A V 41528
Grigor'ian D G 48017
Grigorian R M 43390
Grigorov I 45302
Grigorovich N A 13847
Grigorovskii I M 33458
Grigsby I 47742
Grigsby M E 50897
Griguer P 30454 35605 53401
Grill W 29078
Grilli H 8681
Grilliat J P 28356 32069
Grillo H C 1212 22082 47372
Grillo V 32147
Grimaud R 47468 47483 54113
Grimbert S 36137
Grimby G 35388 44896 46694
Grimeland B 50023
Grimes A E 21865
Grimes A J 2069
Grimes E T 16557 50158
Grimes J E 55279
Grimes O F 48428
Grimes P A 23429
Grimes W H Jr 32535 47017
Griminger P 31423
Grimitlin M I 39588
Grimm H 33917 38916
Grimm W 27114
Grimm W A 18100
Grimmelsen H 52212
Grimmer G 46165
Grimmer H 55485
Grimmett J O 28549
Grimmett R E 52319
Grimoud P 10407 31929
Grimshaw J J 14120
Grimstvedt M 23933 23945
Grin E I 19457
Grin' N V 49786
Grinberg J 4367 16486
Grinberg M 52991
Grinberg R 31801 39110
Grindel' O M 22663 23256
Grindlay J H 5866 22010 22034 47117
Griner L A 40418
Grinfeder M 21386
Gring A C 7519
Grinius A F 49325
Grinker R R 46449
Grinshpun L D 6036
Grinshtein A M 34725
Grintzesco P 53094
Gripwall E 52733
Grisamore J M 10104
Grisamore T L 40780
Grisebach H 46182
Grishchenko E D 55172
Grishina L I 18867
Grishman E 40601 47081
Grislain J R 7508 26234
Grisler R 8358
Grismer J T 1221 5879
Grisolia S 1696 47975
Grison P 38662
Grist N R 48341
Grisvard P 8311
Griveaud E 25449
Grivel F 48901 47762
Grivet
Grančarski S 51690
Groarke F L 37738
Grob D 17011 43121
Grob M 39830
Grob S 19078
Grobbelaar A 621
Grobbelaar N 29828
Grober J 6742
Grobin W 2600 2641 14674 14697
Grobstein C 27404
Grodan A 38295
Grodhaus G 51007
Grodins F S 16809
Grodko N S 55811
Grodsky M A 5115
Grodzenskii D E 10931 31149
Groen A 19721
Groen J 7273 19730 52498 52534
Groen J J 19722 46689
Grönberg A 10164
Grönberg A 54803
Grönblad E 23847
Groenhuis D J 7294
Grönroos J A 24830 27275
Grøntoft O 46710
Grönvall H 45336
Grönwall A 32256
Groesbeck H P 48533 48534
Groeschel U 25896
Groetenbriel C 35510
Grof S 48643
Groff R A 52584
Grogan C H 38068
Grogan R H 7632
Grognot P 7764
Groh C 30058 30062
Groh H 34269 34277
Grohmann W 11410 46568
Groisman S D 48031
Groll E 11465
Grollman A 10239 15595 20495 53068
Grollman A P 47123
Grolmashevskaia L L 55295
Groinick M 36340
Grom E 670
Groman N B 17477 40855
Gromek A 6868
Gromotka R 45386
Gromyko E P 19125
Grondin P 45928
Gronemann H 11364
Gronemeyer W 12189
Groner F S 16158 27921
Groński L 31530
Gronský L 48669
Grood M P de 37032
Groom A C 30650
Groom D 5809 14988 18087 28654 41444 51150
Groot A P de 2078 36191
Groot C A de 35110 39273
Groot-Wassink K A 23627
Gropp A 3504
Gropp A 46794
Gros C 3034 6311 13762
Gros C M 41369 48899 54610 54611
Gros H 29465
Gros J C 25931
Grosboll A N 54284
Grosch D S 52402
Grosch G 11414 55731
Grosch H 19007 19053
Grosch H 42929
Grosclaude 36137
Grosdidier J 9096 9103 9105 31908 31970
Grose F 47087 51286
Grosjean A 46723
Gross A 15921
Gross A 24718 26822
Gross A G 5529
Gross A G 16862
Gross D 33831
Gross E 30504
Gross E G 20494
Gross E G 50263
Gross F 200 6080 19013 32311 35789 39921 42333 54359
Gross H 11006 11051 30044 30045 30056 33841 34465 45934 45936 47643
Gross H S 2721
Gross J 1212 2753 14395 15607 37092 47372
Gross J B 11630 13156 27541 27543 49703
Gross K 55334
Gross L 231 40842
Gross M A 50884 50885
Gross P 11601 11607 11771
Gross P A 43145 43155 52617 52628
Gross R 379 10329 10358 36987 38960
Gross R E 7839 30425
Gross R T 7867
Gross S R 28257
Gross S W 855 11639
Gross W O 52218 52233
Gross-Lerner H 34423
Grossbard E 19544
Grossberger S 12687
Grosse H 15459 34454 55528 55530 55539
Grosse-Brockhoff F 49092
Grosser B I 1380
Grosset J 13031 32062
Grossfeld H 39235
Grossgebauer K 34053 34482 55494

Grossi A E 31806
Grossi C 22015 48542
Grossi E 36612 52106
Grossi G 1957
Grossiord A 6840 9141 9145 18004 48959
Grossman A 54413
Grossman A J 30175
Grossman E R 20266
Grossman E 7872
Grossman H J 43498
Grossman Ia L 3826
Grossman J 12334
Grossman M 462
Grossman M I 519 746 3692 31383 55291
Grossman M L 20343
Grossman M S 44109
Grossmann H 34592
Grossmann I 42356
Grossmann M E 17845
Grossmann V 30232 38233
Grosso P 25700
Grossowicz N 2662
Grosu L 41329
Grosvenor C E 15604 15605 31456
Gross H J 17177 41194
Grósz I 7705
Grote I W 16718
Grote W 2876 34601
Groth A H 12766
Groth D P 41279
Groth W 55531
Groth-Petersen E 41958
Grotjahn M 50902
Grott J W 8061A 35150
Grottenmüller K 27109
Grotting J K 8043
Grotzinger P J 23515 24495
Grouch J de 19593
Grouchy J de 21261 21270 44610 44611
Groulade J 32939
Groulade P 3066
Grounds J G 3401 3402
Grouse G 29339
Grout J L 24720
Grove E L 23328
Grove P 45805
Grove W J 1246 46517
Grove-Rasmussen K V 48997
Grove-White R J 10531
Grover A D 676
Grover E 20647
Groves L K 2940 2944 18131 26608 54681
Growney P 26285
Grozdov D M 41511 41524
Grozev N D 34824
Grubain J 42410
Grubb C 14227
Grubb R 11941 23942 23943
Grubb T C 40383
Grubbs G E 31378
Grube E 38928
Grubel F 42842
Gruber A E 49760
Gruber C M Jr 40355 40356 40357
Gruber F H 41442
Gruber G B 15415 18976 42313
Gruber L 47039
Grubina S A 33205
Grubnik V M 41550
Gruca A 43374
Grülmberg I 25188
Grümer H D 46111
Grün F 46179
Grün I 22972
Grün L 25217 25241 34053 55492
Gruen W 17343
Gruenagel H 12180
Gruenagel H H 27496
Grünberg H 10359 30559 34181
Grünberger V 22806
Grüneberg H 4987
Grüneis P 45995
Gruener J M 3193
Grüner O 27127 27135 49107
Grüninger B 3944
Grüninger U 36474
Grünke W 46112
Grünspan M 5768
Grünthal E 44209
Gruenwald P 43310
Grüsser O J 25378 25379
Grusot J 47384
Gruet 2016 5326
Grüter H 30522 30527
Grütter 43315
Grütters L 25236
Grüttner R 16382
Grützner A 25378 25379
Grujić M 10558
Grumbach 21397
Grumbach F 26749 35903
Grumbach M M 2363 8640 40669
Grumbach R 45003 53385 54143
Grumelli E 49405
Grumberg V 31422
Grunberger B 8375 9041
Gruncharov K 16421
Grund W J 44850
Grundel A 42310
Grundfest H 39186 49448
Grundler E 3288
Grundmann E 37022 47906
Grundmann G 27379
Grundy E C 38007
Grundy S 17522
Grundy S M 10240 50163
Gruner H J 368
Gruner J 8881
Grunke W 22964
Grunland J 37128
Grunmeier P W 5437
Grunow O H 54863
Grunt E V 33570
Grunt J A 40877
Grunwald R P 46512 47566
Grunze H 24168 39534
Grupp G 30520 30553 30557 30590 55451
Grupper C 37868 37873
Grushka T 27784
Gruson M 9013
Gruvstad M 35480
Grusdev V F 9933
Grusdeva N A 31182
Grusina E A 18310 45118
Grygier T G 14320
Grynkewich S E 24430
Gryson A 25309
Grzegorczyk D 30764
Grzesik J 30776
Grzibek P M 51264
Grzona M 7770
Grzybowska J 7815 7816
Grzywa A 29501
Grzywiński L 33754
Gschwend N 8151
Gsell D 40193
Gsell O 3236 7098 15641 39873
Gsell-Busse M 15641
Gstirner F 7980 13359 47683
Guacci L 36818
Guadagni N P 14539
Guagliano G 3858 51982
Gualandi G 53828
Gualdi G 8552
Gualtierotti F 6906
Gualtierotti T 15724 25643
Guanter Linares B 18845
Guard W F 16529
Guardabassi A 1890
Guardamagna C 335 35534 37515
Guareschi B 42715
Guarienti F 3874 25628
Guarino A 3594 14524
Guarino A J 21714
Guarnera M 19199
Guasch J 33068
Guaspardo G 52017
Gubbay E 48499
Guberman B 43932
Gubern Salinachs L 23983
Gubin G D 37214
Gubina G P 46320
Gubler E 21608
Gubler E V 22544 35990
Gubler R 39876
Gucciardi G 9299
Gudojerg C E 7485 27098 35442
Gudden F 32637
Gudkova E I 34650
Gudkova N K 34716
Gudoshnik A N 34640
Gudynskaia Te Ia 41490
Gudsenko P N 31211
Güçhan M E 22363
Güçhan Ş 22368 22384
Guedes R 15485
Guedj 2327
Guedj P 24262
Guedon J 2484 2485
Guégan Y 3131
Gueguen J 53409
Gueguen Y 9226 21387
Güldenberg J 45260
Guelelovitch S 25923
Güell Revert J 23909
Gülzow M 359 15378 38911
Guenel 36661
Guéniot M 32413 47431
Günl R 36927
Günnel F 49821
Günsberger F 51714
Günsel E 32664
Güntert W 10733
Günther A 27177
Günther E 32653
Günther G 28873
Günther I 23074
Guenther L A 20002
Günther O 38937
Günther P G 23557 32653
Günther T 15013 38518
Günther W 42253 42322
Guérault A 5697
Guercy O 47350 54048 54053 54064
Guerdjikoff C 11308
Gürgen T 45476
Gürich W 10546
Guérin A 54099
Guérin C 32380 49733
Guérin H 26908
Guérin M 2317 2320 7759 38700
Guerin M T (Mme) 43951
Guérin P 17996
Guerin R A 43951
Gueritte G 2307
Gürkan K İ 32991 45476 45480
Guernet M 1058
Guernica A 13533
Guernsey L H 18722
Guerra A 27673
Guerra M 6572 36224
Guerra Chabau A 8837
Guerrant N B 17824
Guerre J 9122 9647 18622
Guerrero A 6351
Guerrero L 15510
Guerrero M 21171
Guerricchio G 42666
Guerrier Y 44659 44663 44674 44677
Guerrin F 3088 54903
Guerry D III 12436 24545
Guertin P L 55125
Guertin W H 40705
Guertzenstein E 8779 8787 21090 36900 36901 51640 53864 53886
Guéry J 9007 29045 42506
Guest G M 28152 52999
Güth V 30555 33938 33939 34009
Gueukdjian S A 7840 10493 14659
Guevara J A 2928
Guevara L 44557
Guevara Rojas A 3678
Guezennec J 3035
Guggenheim K 28059 29531
Guggenheim P R 3358
Guggisberg W 54870
Gugler E 54344
Guglielmi G 26626
Guglielmo B 42734
Guglielmone M 37293
Guglin E R 8266
Guha B C 7159 25876 52311
Guibert C 28372
Guibert H 4821
Guibert H L 44663 44675
Guibert L 9633 15201
Guibor E C 40405
Guichard A 6319 6325 51367 51399 51401 51402
Guida A 32145
Guida V 39520
Guida V O 21065

Guideri R 1935 1936 9276 32086 35195
Guidi G 3890 27617
Guidi V 1533 1536 36825
Guido J J 53349
Guidoni P 51441
Guidotti G 1908 6947 15676 32590 33375
Guien C 17986
Guignard 41104
Guignard J C 48168
Guiguet C 26255
Guihard R 26735
Guijon C 4237
Guilaine J 9230 21393 53413
Guild H G 12424
Guilford F R 6226 15729 34936
Guilhem A 26709 26948 26949
Guilhon J 3037
Guillard J 53430
Guillaumat L 53373
Guillaume F (Mme) 417 419 423 425
Guillaume J 9147 44690
Guillaume P 6414
Guillaumie M 21311
Guilleman P 54147 54168 54907
Guillemaud J 31110
Guillemeteau 6404
Guillemin 36651
Guillemin A 31965
Guillemin P 9100 9101 31965 31966 31971 32032 32052 54048
Guillemin R 3422 14339 38680 49277
Guilleminet M 8999 18557 53391
Guillemot J 28356
Guillén Martínez G 2948
Guillerm J 52065
Guillerm R 31925 31939
Guillermand J 32939
Guillery R W 52381
Guillet E 26273
Guillon G 32391
Guillon J 15202
Guillon V 36683
Guillot 9164
Guillot M 50782 51057
Guillot P E 53354
Guimarães G 31848 31849
Guimarães J 8732
Guimarães J R 39994
Guimaraes N A 19167
Guimarães U P 18827
Guimarães W 8775
Guin G H 3028
Guin J J 19357 19358 19359 53235 54476
Guiñazú A R 21046
Guinet P 9190 29211
Guinn E 46909 54835
Guinn G A 35929
Guintrand H 9039
Guiot G 7386 8236 9138 14379 24750 26819 47321 53442 54017
Guiou N M 14682
Guirard B M 25115
Guiss L W 2514 10145
Guite L A 5310
Guitelman A 9693
Guivarch J 36106
Guixá L 9747
Guizzetti G B 29744
Gujral J S 16282
Gukasian A A 5966
Gukasian A B 19113
Gukasian A G 10227
Gukasian A G 41670
Gukov A P 45856
Guld J 48402 48403 48404 48406
Guldenzopf J 47742
Guleke N 29021
Guliaeva R A 41681
Gulick W L 36266
Gulick Z R 19694
Gulina A G 55162
Gulland J A 8269
Gullberg J E 51292
Gullestrup A 1634
Gullickson G Jr 36704
Gullino D 6809
Gullino P 1359
Gullixson K S 14994
Gulyassy P 20727
Gum J R 2725
Gumilevskii A P 12158
Gumilevskii V P 39326
Gummer J W P 22289
Gummert F 49346
Gumpel R C 15552
Gumpesberger G 49844
Gumport S L 47251
Gumrich H 15445
Gundelfinger B F 553 30120 45559
Gunders A E 5900
Gundersen G 17664 40331 41162 50810 54288
Gundersen K 5098
Gundersen T 11703 35303
Gundlach R H 40738
Gunkel R D 689 30564
Gunn S A 40795
Gunn S W 49723
Gunn-Séchehaye A 8143
Gunning R V 28117
Guns P 44883
Gunter J F 4107 16168
Gunter J U 30225
Gunter R 91
Gunther W W 13671 13674
Gunthorpe C H 35815.
Guntz M 400 411 24248 30468
Guns F W 30193 30194
Gupta B L 7240
Gupta C M 23081
Gupta J C 27987
Gupta K B 16294
Gupta K G 28000 40912 50605
Gupta N N 27990 40930
Gupta O P 40917
Gupta P S 16313
Gupta R L 14076
Gupta S 40084
Gupta S K 10535 14159
Gupta S P 49996
Gupta S S 4203 36582
Guralevich G S 55764 55816
Gural'nik S E 10758
Guravich J L 35723
Gurd F N 14646 47586
Gurd R S 747
Gurdjian E S 11649 19800
Gurdjian E S 54692
Gurel L 19994 19996 41354
Gurevich B Kh 49520
Gurevich G P 53463
Gurevich I B 52979
Gurevich Iu K 22505
Gurevich M I 20202
Gurevich M N 18235
Gurevich S D 31205
Gurevich Z A 18286
Gurevitch J 50405
Gurfinkel M 51635
Gurian H 46923
Guriel G 18647
Gurin A I 6008
Gurinov B P 49784
Gurkova I A 47858
Gurkow H J 24604
Gurling K J 17238
Gurney B F 52852
Gurney C W 1147 20755 48058
Gurnick J R 39935
Gurrslin O 17138
Gurruchaga J V 24739 35968
Gurrughaga J 39133
Gurtler 47440
Gurtman A 8722
Gurtman A I 53359
Gurvich A S 3404
Gurvich G A 48014
Gurvich N L 52978
Gurvich V E 44022
Gurwitsch A A 27368
Gurwitsch A G 27368
Gusakova T V 28835
Gusarov I I 39596
Gusberg S B 648 38563
Gusberti C 42779
Gusel'nikov V I 23270
Gusev A S 13559
Gusev G N 32582
Guseva Iu I 55764
Guseva L L 28819
Guseva M D 32560
Guseva N I 32881
Gušić B 52181
Guskin S 17197
Gus'kova V A 34672
Gus'kova V N 39600
Gusman S M 10230 18302
Gussion P 12623
Gustafson G 53518
Gustavino G N 5877
Gustavo R P 8460
Gusterson F R 35939
Gustin J 48401
Gustin J C 20852
Gustinelli C 1117
Gustowski A 27606
Guszich A 34546
Gutá G 44003 43995 43999
Gutelius J 2604
Gutelius J R 14654
Gutfreund H 53476
Gutfreundová E 48676
Gutglass M F 7637
Guth D 45388
Guth E P 40373
Guth P S 39270
Guth R 46925
Guth S K 695 28007
Guthe T 26384 26385
Guthell E A 12642
Guthell H 41594
Gutherie M J 38072
Guthkelch A N 7382
Guthof O 25263 36971
Guthoff H 19310
Guthorn P J 41177
Guthrie D 16359
Guthrie G M 40730
Guthrie N 41446
Guthrie R 2672 2709 2710
Gutierrez A 21121
Gutiérrez G 48082
Gutierrez J 47624
Gutierrez P 27585
Gutierrez R 17486
Gutiérrez T 43865
Gutiérrez Blanco H 21111
Gutierrez-Colomer L 12920
Gutiérrez Contreras S 53894
Gutierrez Guijarro M 44491
Gutiérrez Reyes A 44552
Gutiérrez Ríos E 38517
Gutiérrez Sacasa J I 44558
Gutiérrez Vásquez S 17493
Gutkin A Ia 3814 3828 33333 39584
Gutkin K A 12135
Gutkina A V 19133
Gutman A 50058
Gutman A B 577 19687
Gutman A B 35717 36912
Gutman G A 9864
Gutman R 19136
Gutmann E 43006
Gutmann H 42878
Gutmann M J 13149 28026 47058
Gutmann R A 49152
Gutmann-Auersperg N 127
Gutorova L D 55832
Gutowsky H S 4815
Guttenberg H V 25316
Guttmacher A F 5410 20086 24516 47170
Guttmacher R M 49324
Guttman D E 16715
Guttman N 5823
Guttman R 5101
Guttmann A 3959
Guttmann L 5773 8655 53544
Guttmann R 648
Guttmann R J 35849
Guttowa A 33681
Guttridge C G 52433
Gutvirth I 28401
Gutz H 46161
Guy A C 12234
Guy E 45011
Guy E P 47335
Guy J 1062
Guy J C 33079
Guyard M 36144
Guyet P 31982 40646 53377 53432
Guyonneau M 26742 26743
Guyot R 6327 53253
Guyot-Jeannin N 47393
Guyotjeannin C 32203 47760
Guyotjeannin N (Mme) 32203
Guyton A C 19282
Guzacheva V Ia 34625
Guzara M L 12365
Guze L B 22141 25030
Guzek J W 7775 20188 20465 23590 30385
Guzmán C 21190
Guzzi Susini M 29589
Guzzinati G C 13140 13142

Gviniashvili Sh P 51734
Gvishiani G S 39327
Gwan T T 49601
Gwathmey O 10099 18134
Gwatkin R B 47949
Gwilt J R 41293
Gwynn P E 2079
Gydell K 11972
Gyengesi L 43442
Gyergyay F 11235
Gyermek L 20784 43426
Gyi K 14531
Gyland S 53835
Gyllenberg H 35361 35362
Gyllensten L 23948
Gyllenswärd Å 45050
Gylling T 27269 36018
Gylys I 5492
Gynther M D 17146 40706
Gyöngyössy A 5573 12181 20167 41615
György L 24034 35375
György P 7549 24366
Győri G 23131
Göry G 11435 23246
Gyorkey F 22313
Gyselen A 35507 47909
Gyurech-Vágó E 44934
Gzenay M 6382
Haack D C 16529
Hasck E 1597
Haag H B 10840 44283
Haag J 6371
Haag T P 36503 36504
Haag V H 29950
Haag W 54927
Haage H 34327 55580
Haagen E 46254
Haagen-Crodel B 46254
Haagen-Smit A J 21680 40140
Hägensen N R 45516
Haagsma F M 7340 52501
Haahti E 24835
Haakenaasen A 43207
Haan 29240
Haan K M de 11836
Haanen C A 7284 15794
Haapanen E 24858
Haapanen L 12024 27294
Haar H 55359
Haar Romeny C C ter 52369
Haar Romeny-Wachter C C Ter 41815
Härd S 22118
Haarscher A 25460
Haas E 23030
Haas F 46277
Haas G E 5605
Haas J 54347
Haas J H de 294 18572 48987
Haas L 1415 13414 38347
Haas W de 27749 27750
Haase H 45589
Haase H J 25377 49229 52556
Haase K E 15647
Haavaldsen R 27015
Habbu M K 4171
Habeck D 25376 34123
Habedank M 55513
Habeeb A F 13760
Haber G V 35694
Haber H 38853
Haber R N 17269
Haber W B 47524
Häberich F J 43576 55452
Haberland G L 55503
Haberlandt W 33835
Haberlandt W F 34211
Haberler H 45932
Haberman S 36346
Habermann E 29905 33969 33992
Habermann H M 1358
Habermann P 49078
Habermann R T 53677
Habermann V 1738 2734
Habets J J 29982
Habib G 47759
Habib R 25473 31985 39421 44615 54451
Habib R (Mme) 31987 32038
Habib S A 211 4956
Habib S A 28319
Habib Y A 4956 13462
Habibe O 13892
Habouzit A 36630
Habs H 25250 46102
Hacha R 1676
Hacić R 39712
Hack R W 7610
Hack W 8782
Hackel E 55346
Hackel J P 7473 19890 19909 19922 43175 52660
Hackensellner H A 30275
Hackenthal H 55679
Hacker W 44220
Hackett C J 26388 49972
Hackett E 2141 5191
Hackl H 45792
Hackman R C 11539
Hackmann C 52187 52188
Hackmann H 52188
Hackney J H 26463
Hackzell G 292
Hacquard M 21339
Hadáček J 7975
Hadd H E 49490
Haddad F 27319
Haddad J A 42196
Haddad N 55100
Haddad R 4236
Haddenbrock S 36492
Hadders H N 51019
Haddock L 33051
Haddock N 50265
Haddow A 19661 19670 42983
Haddow A J 1084 25067
Haddy F J 4150 9552 12501 12502 48735 51571
Hadek R 12743 12744 31290
Haden J 47010
Hadengue A 36092
Hadfield G 6265 22284
Hadfield J 30915 50516
Hadgraft J W 41306
Hadházy C 23740
Hadházy G 7706
Hadida E 39490
Hadida J 30467
Hadida J 53015 53022
Hadjiev D 55636
Hadjimarkos D M 52853
Hadjiolov A A 34168
Hadjistamoff B 34566
Hadler W A 5762 21066 21067 21069 44462
Hadley M 9621
Hadlow W J 53660
Hadnagy C 11235 34073 36594 49126
Hadorn E 34381 34382
Hadorn H 29775 42828
Hadorn W 30625 54370
Hadžiselimović N 51716
Häberlin F 32328
Häberlin P 32271
Hächler R 10733
Hädicke M 7965 20321 30638 43607 53095
Häfner H 55573
Haeger B 18353 32233
Häggqvist G 34220
Haehn H 34241
Hähnel R 18326
Hämäläinen M 54648
Haemmerli G W 22312
Haenecour F 36193
Haenel H 25265 34514 34515 46269
Hänninen P T 27272
Haensel W 28867
Haenszel W 5419 20523 50888
Haenszel W M 12652
Häntsch R 33947
Härkönen M 24840
Härö A S 49202
Härtel G 24834 35086
Härtfelder G 29885 29887
Hässig A 21640
Haessler F H 33872
Häublein H G 11162 15368 49025
Häuptli O 39849
Haeuser C 16253
Häusgen W 34129
Häusler H 39308
Haeusler R 4315
Häusler V 25721
Häussler A 36462
Häussler G 39386
Haex A J 40466
Hafemeister G 38953
Hafemeister H P 34453
Hafemeister R 10296
Haferkamp O 33525 35264
Hafez E S 28181 39194
Haffner G 13361
Hafkesbring R 46929
Hafter E 35669 54362
Haga K 4344
Haga M 10385
Haga P R van 19691
Hagan J J 44148
Hagan W A 25112
Hagbard L 35271
Hagbarth K E 25974
Hagedorn A B 30108
Hagemann E 22920
Hagemann G 54897
Hagemann P 20846
Hagemann P O 43731
Hagemann R 34399
Hagen H 3272 19002
Hagen K 15733
Hagen K W Jr 12773
Hagen P B von 6735
Hagen U 3616 9989 32666 45264 45265
Hagen W 3272
Hager G 11112 11151 28855 28897 34043
Hager G P 9843
Hagerman D D 730 30431 47001
Hagerty R F 5840 28652 28661 51148
Haggard D F 21663
Haggard E A 53643
Haggard M E 7161 50965
Haggerty K N 40023
Haggerty R J 4444 30128 43158 52613
Hagi-Paraschiv A 9459
Hagiesco D 20671
Hagiwara A 7210
Hagiwara S 5793
Hagiwara S 16460 46499
Haglund G 23542
Hagmüller K 32683 46208
Hagn-Meincke F 41960
Hagne G 10160
Hagopian M 47960
Hagtvet J 45407
Haguenauer J P 41146
Hahmann O 1328
Hahn C 39824 54914
Hahn E 18096
Hahn F 12185 28024
Hahn F E 47620
Hahn G 19753
Hahn H B Jr 26465
Hahn H P von 27836
Hahn J 32326 43846
Hahn J A 27941
Hahn M E 17697
Hahn P 38199 54179
Hahn P F 35466 47562
Hahn R B 40122
Hahn-Petersen A 11884
Hahnefeld E 15390
Hahneman B M 4484
Hahon N 28433
Haiba M H 34318
Haid B 29124
Haidenxter J 18279
Haigh A L 41881
Haik G M 50758
Haim A 47453
Haimovici H 12570 31642 46515
Haimovici N 54123
Hain R F 43491
Hainaut H 35356
Haines E 5273
Haines R D 12286 12293 35671
Hains A 17560
Hainzl H 22933 48353
Haire M 781
Hairston N G 14471 26397
Hais I M 19564
Haist R E 48457 48462

Hajdů J 43452
Hajdů P 36462
Hajdu S 14999
Hajduk A 38339
Hájek J 30175
Hájek M 38321
Hajek O 23245
Hájek V 14880
Hajjaoui Y 42004
42005
Hajnal T 10583
25811
Hajnšek F 30091
Hajny G J 1310
Hajós K 52918
Hajós M 20174
Hajsig M 25133
Hak-Rjong H 26529
Hakala M T 40555
Hakenen C A 5404
Hakim A A 49292
49293
49295
Hakim N 50822
Hakim R E 28444
Hakkila J 24818
36111
Hakomori S 10388
22261
Halabi M 30993
Halamandaris A 49343
Halasy M 54876
Halasy-Lehoczky M (Mme) 44742
Halász S 45474
Halawani A 4949
Halazinska L 10245
Halb A 25489
Halbensteiner H 42273
Halberg F 9570
12536
20509
49262
Halberg G P 24565
Halberg P 10650
11969
22436
Halbert S P 5005
24560
Halbrecht I 4876
27776
45462
Halcrow 19540
Halde C 14537
Haldeman J C 47201
Halden E R 54861
Haldi J 41227
Haldin R 20926
Hale H B 732 16815 23384 35822 35823 35824 40681
Hale H P 19531
Hale H W Jr 19898
Hale M W 4607
Hale-White W 39714
39715
Hales D R 16646
Hales W B 20690
Hales W M 4909
Halet J 35519
Halevy S 13820
28059
29531
Haley M I 20729
Haley T J 47218
Haliburton R A 11797
16980
Halkier E 38844
Hall A 271
35341
Hall B E 16646
Hall B H 14353
Hall C E 3419
4644
45379
47118
Hall F G 46380
Hall G E 4694
Hall G H 26097
36561
Hall H D 17217
Hall H E 17476
Hall H H 25159
Hall I S 20565
41056
Hall J B 6991
Hall J F Jr 11553
Hall J G 22245
54956
54971
Hall J R 5855
Hall K 47337
Hall K D 960
Hall K R 7149
19560
Hall L S 47138
Hall M N 52811
Hall N A 16711
Hall O 3419
16558
45379
47118
Hall P 23541
23824
Hall P W III 50454
Hall R 14052
50848
51342
Hall R H 5278
Hall R L 16489
Hall S B 43791
Hall T C 46398
Hall W H 19499
31305
42076
46425
Hall W M 50698
Hall-Turner W J 26124
Halla M 37116
Hallard M 26856
Hallauer C 25175
Halloway B E 751
Hallberg O E 46477
Hallema A 29942
Hallén A 43185
Hallén O 19689
Hallén S 54799
Hallenbeck G A 12518
22051
Haller H 29797
Haller J 11432
39535
51840
Haller J A 22074
Haller J A Jr 22061
Haller W von 4035
Hallerbach H 3608
Hallervorden 52571
Hallervorden J 27165
Hallett J W 34914
Halley M M 18117
Hallgren B 12006
23718
41206
Halliday J H 42116
Halliday R 50519
Halliday W R 49193
Hallidie-Smith K A 1413
Halligan E J 24606
Hallin R P 29758
Hallman L 20741
Hallman N 47488
54638
Halloervorden 39024
Hallowell P 965
Hallowitz D 51892
Hallpike C S 44041
Halmai T 18605
Halmi N S 15623
49249
Halmos L 16065
Halmos T 52925
Halmosh A F 44203
Halnan K E 26087
Halonen P 49208
Halonen P I 11975 24818 24834 36109 46874
Haloua 42009
Hálová M 38271
Halperin G 10146
Halpern A 709
Halpern B 24696
Halpern B N 3072 9626 14099 21262 26751 26806 26915 32684 38698 38722
Halpern E 46501
Halpern L 492
12315
27775
Halpern M H 46896
Halpert B 31444
Halpin M A 4141
Halpin R W 12298
Halse T 51781
51789
Halsey R M 41243
50994
Halstead B W 11303
24116
Halver J E 17814
Halvorson H 13791
28251
50332
52404
Ham J C 21409
Ham R E 5819
Ham T H 17693
Ham W T Jr 12436
24545
Hama G M 46882
Hama T 26728
49235
49236
49237
Hamamoto A 16467
el-Hamamsy A 4954
28313
Hamamura N 25892
Hambach R 34452
35034
Hamberg U 1343
Hamberger C A 35388
Hambling M H 14251
Hamburg D A 46449
Hamburg V P 50593
Hamburger C 205
Hamburger J 8249 20675 31043 31084 31100 31107 43949 43987 43979 53389
Hamburger M 10418
46426
Hamburger R J 12044
12045
Hamburger V 46893
Hamburger W W 12647
Hamdan F 24606
Hamdy A H 12732
Hamdy M K 20745
Hamel M 21340
Hamelberg W 28137
46532
Hamelin A 8253
24805
31501
47381
Hamelmann H 11323
14948
Hamer C J van den 13758
Hamer J 19933
Hamer J D 50522
Hamer N A 54694
Hamerman D 38911
Hameršak B 35063
Hamersma P J 54503
Hamilton A T 52749
Hamilton C 20875
Hamilton D G 42085
Hamilton E D 2160
24302
Hamilton J B 17369
24542
Hamilton J D 54619
Hamilton J E 39146
Hamilton J G 8536
11544
Hamilton J M 20393
Hamilton J R 48457
48462
Hamilton L C 815
Hamilton L D 7178
13223
Hamilton L H 17606
Hamilton M 44061
50832
50833
50834
Hamilton M G 28258
40592
Hamilton T S 42840
Hamilton W K 958
17062
35984
47335
Hamlin R H 3010
Hamlin R M 17121
Hamm E 49826
Hamm J 49309
Hamman J 45063
Hammant J E 50523
Hammar C H 25895
47928
55640
Hammarlund E R 3183
48897
Hammarsten J F 920
5585
42071
50993
Hammel H T 4661
Hammelburg E 20541
Hammelmann H 3285
Hammer A P 32387
Hammer D 34229
34230
34231
Hammer G 35321
Hammer H 28120
Hammer J 48626
48627
Hammer M L 16554
Hammer O 6664
42384
42905
49013
Hammer R W 47278
Hammer W 16245
Hammerberg P E 19936
30221
Hammerl H 10999
11056
30989
Hammerli A 13598
13602
13603
13604
Hammerly A 13597
Hammerstrum R J 44276
Hammett V B 905
Hammill J F 17007
Hamming J J 36864
Hammond D M 12724
51001
Hammond E C 2187 7464 17301 24638 50888
Hammond G 6122
41787
Hammond K 42813
Hammond W G 1218
Hammonds F H 5302
Hamoen A M 29965
Hamolsky M W 50419
50420
Hamon J 14437 14438 14450 36174 36546
Hamon Y 38648
Hámori A 29182
Hamparian V V 40905
Hampé A 4966
Hampe J F 47841
Hampel A 14741
53078
Hampel F 35044
Hampel R 34013
Hamperl H 41724
Hampl F 27169
Hampson L G 37990
47586
Hampton J 4013
Hampton J K Jr 40330

Hampton L J 1248 47594
Hampton O P Jr 32722
Hamrick W D 49938
Hamsher J B 18142
Hamwi G J 30250 52615
Han G 41979
Han G K 41967 41968
Hána I 38166 38169
Hana L J 13348
Hanabusa J 10859 13331
Hanahan D J 16906
Hanano M 2810
Hanaoka M 24113
Hanaoka Y 20529
Hanayama R 16442
Hanbery J W 9972 23497
Hanby W E 19462
Hanche-Olsen A 45431
Hancock D M 2149 37610
Hancock E W 52604
Hancock G R 14689
Hancock J L 10063
Hand B H 48317
Hand B M 51590
Hand E A 54 35725
Hand J R 8104 8106 30873
Handa Y 34403
Handelsman M B 30150
Handforth C P 2584 48482
Handl K 25337 36446
Handler P 15754 15756 31395 40525 40526
Handley C A 18649 29373
Handloser M 55497
Hands H H 24718
Handschumacher R E 19640 37127
Handyside J 18814
Hanelin J 31632
Hanenson I B 12334 35792
Haneveld G T 10523
Hangos G 23170
Hanhart E 23730 29413
Hanicki Z 30846
Hanisch E C 12381
Hankamp L J 34995
Hanke H 3302
Hanke W 29837
Hanker J S 16704
Hankiewicz J 20431
Hankin L 29875 41231
Hankins J W 6522
Hankiss J 23740 52890
Hankoff L D 11675 24632 42466
Hanks G A 13224
Hanks J H 9571 16352 17405
Hanley B J 10454
Hanley C N 5816 5851
Hanley H G 20714 22279
Hanley M J 4243
Hanley T D 17374
Hanlon C R 8126 30933
Hanlon D G 52140
Hann J 27017
Hanna C 5364
Hanna R J 28505
Hanna T 13462
Hanna T D 23310
Hanna Sahade E 43854
Hannah E E 19929
Hannah L D 17196
Hannig E 7969 43613
Hannon J L 5213
Hannon J P 727 4666 15004
Hannoun C 14447
Hanon F 26213 26249 26250
Hanor M 51904
Hanoteau J 30437
Hanquet H 34125
Hanquet M 54036
Hanraets P R 49614
Hans M J 3121 13453 26837 48923 48926
Hanscome T D 27815
Hansel C E 26082
Hansen A E 4218 24389 41228 50964 50965
Hansen E 10631 43229
Hansen E C 43180 43181
Hansen F 24672 52169
Hansen F H 34375
Hansen G 33907
Hansen H G 33989
Hansen H P 6675
Hansen H R 26650
Hansen J D 29530
Hansen J L 22396 22397
Hansen K 4254
Hansen L K 35442
Hansen L S 41251
Hansen O E 10648
Hansen O G 52741
Hansen O S 39562
Hansen P 32254 51794
Hansen P F 45516
Hansen P W 46699
Hansen R G 40474 40475
Hansen S 30222
Hanski W 53175
Hanslik L 42923
Hanson A 11970
Hanson H 23622 49916
Hanson H H 14962
Hanson J 35031
Hanson J H 2519
Hanson J S 2906
Hanson L J 12753
Hanson M L 17067
Hanson R P 12771 16777A
Hansoti R C 4204
Hanssler H 25281
Hantover M J 553
Hantz A 36594
Hanuš K 38215
Hanusch A 9523 27188 28948 33902
Hanušová S 36431
Hanuszkiewicz H 30820
Hanway J W 7445
Hanycz J 49033
Hanzal F 24069
Haour P 31897
Haour P H 24145
Happ E 29912
Happ G P 46686
Happold F C 1665 7142
Haquani A H 4232 28000
Haquin C 26248
Hara M 13831
Hara S 2830
Hara Y 50070
Harada A 11105
Harada K 4338 21724 21969
Harada N 16351 46653
Harada N 50027
Haralson J V 50498
Haran-Ghera N 26001
Harant H 15135 19343 19369 54887 54888
Harary I 13771
Harasawa M 28693 46868
Harashima S 16471
Haraszthy A 12199
Haraszti A 27494
Harbauer H 34203
Harberg F J 35921
Harbert F 1182
Harbison S P 12827
Harboe A 22243 23964 43226
Harboe N M 11914
Harborne J B 13693
Harbort G 39545
Harbrecht P J 25055 39146
Harcourt H K 6451
Hardaway R M 55138
Hardegg W 30592
Hardenbrook H 40474 40475
Hardenbrook H J 16769
Harder D 9981
Harder H I 7626 10456
Harders H 10345
Hardewig A 30492 30493
Hardgrove M 11073
Hardin C A 10141 47560
Hardin R 54661
Harding C V 19482
Harding F 35995
Harding H B 31582
Harding H E 6148
Harding J 12479
Harding J D 12750
Harding M E 28033
Harding N 1377
Harding-Charconnet F 24876
Hardinge M G 16548 17211 17212 24373
Hardouin J P 13019 26901 31044 32927
Hardwick C 39717 53284
Hardy H 11594
Hardy H L 46416
Hardy J D 3371 12531 16832 42822
Hardy J L 16438
Hardy M 36660
Hardy R 14152
Hardy R C 22169 20393 35926 35930
Hardy S B 47616
Hardy S M 5811 19800 35342
Hardy W G 40742
Hare A P 20143
Hare G C 13241
Hare H F 24427 47206
Hare J D 37636
Hare W S 15066
Harel J 20062
Harer W B Sr 20062
Harer W B Jr 46486
Harford F 31322
Hargan L A 23382
Harger R N 16522
Hargis B 16068
Hargitai R 7133
Hargitay B 11555
Hargreaves G K 50833
Hargreaves G R 47612
Harinasuta C 46571 46114
Haring C 39118
Haring W 47219
Harington C 36009
Harinsuta C 483 41451
Harjola P 8036
Harkins C S 850 3691 22076
Harkins H N 54966
Harkmark W 38089
Harkness D R 41344
Harkness M L 41344
Harkness R D 47594
Harkness T T 54979
Harlem O K 16054 26016
Harley H R 10977
Harley J B 47060
Harley R D 26995
Harley-Mason J 17334
Harlow H F 763
Harlow R G 28296
Harman J W 24012
Harmath Á 43082
Harmath Z 41285
Harmel M H 54732
Harmon A R 7536
Harmon R W 11799
Harms E 8389 47187
Harms H 3254 19021 28945
Harmsen H 19444
Harnach Z 11853 35037
Harnack G A von 38990 49069 49098
Harnack R S 10705
Harnaes K 286 23533
Harnagea P 43995 43997 43999
Harnapp G O 42872
Harndt E 28071
Harnecker J 578 53962
Harned H S Jr 12264
Harnes J R 10445
Harney L 22716
Harney M L 42058
Hárnik É 34557
Harnisch O 23078
Harnischfeger W W 48701
Harold F M 1700
Haroutunian L M 14744
Harpel P C 44109
Harper A E 1398 12513 28236 28567 28571 40512
Harper A R 50747
Harper G J 17395
Harper H A 4450 22000 33121
Harper J 48327
Harper J Y Jr 24570
Harper P V 11790 13316 32700 54772
Harper R 28035
Harper T A 52440
Harper W G 53484
Harpman J A 49381
Harpuder K 36700
Harrap F E 19559
Harrell G T 17702
Harrell G T Jr 5078
Harrer G 6653
Harridge W H 54770 54784
Harries J R 3394 49214
Harrigan W F 24676

Harriman D G 5654 11678
Harrington A 40027
Harrington H 26449 28267 34844
Harrington J A 50854
Harrington R W 4446
Harrington S W 6187
Harris A 17734
Harris A S 2917 41971
Harris A W 29270
Harris C E 14691 27073
Harris C F 20703
Harris D 28993 46501
Harris D A 23458
Harris D L 16766
Harris D M 4638 43521
Harris E A 6155
Harris E J 3454
Harris F C 41459
Harris F H 41083
Harris G 42984
Harris G W 17962 53472
Harris H 7160 7205 29826 37564 44038
Harris H J 1828
Harris H W 12802 24737 42069
Harris J B 12574
Harris J D 5056
Harris J E 24561 47039 47043
Harris J H Jr 53716
Harris J M 50190
Harris J S 44112
Harris K 5084
Harris L D 1175
Harris L E 16728 40375 40376
Harris L J 18698 38012
Harris L M 598
Harris M D 40391
Harris N G 20352
Harris P 5893
Harris P F 37560
Harris P M 53699
Harris P S 469 5435
Harris R 36292
Harris R B 45816
Harris R W 14560
Harris S 5006 28429
Harris S 47569 50596
Harris S B 30153
Harris T N 5006 28429 47569 50596
Harris W H 71
Harris W H Jr 55271
Harris W L 35845
Harris-Smith P W 5089
Harrison A P Jr 20737
Harrison A R 37672
Harrison B D 10868 10869
Harrison C V 5656 26043
Harrison D C 41160
Harrison G A 10053
Harrison G B 18812
Harrison G E 19516
Harrison G K 18681 18706 41414
Harrison H E 53005
Harrison H N 25045 41454 47506
Harrison J H 1235 46959 55030
Harrison K 41062
Harrison M S 8294
Harrison R 50398
Harrison R C 745 22094
Harrison R G 10052
Harrison R M 18721
Harrison R W 5892
Harrison S 593
Harrison T R 33059
Harrison W O 21832
Harriss E B 26030 32676
Harrisson J W 40372 40380 40381
Harrott H M 8544
Harrow B R 33075
Harrow H 16161 27927
Harry H W 2444 2454
Hart F D 6176 14253
Hart G M 1226 5284
Hart H E 25405
Hart H H 4292
Hart J 50211
Hart J C 13313
Hart J S 4661 49453
Hart L I 19552
Hart M van der 10965
Hart P D 5692 7147
Hart R J 41417
Hart S 5553
Hart W M 96
Hart W S 12857 12870
Hart de Ruyter T 15812
Harte C 34393 34394
Hartel J 23221
Hartelius H 45347 54485
Hartemann J 27719
Hartemann P 9102 9143
Hartenauer G 49001
Hartenbach W 7079 19381 19409 42940
Hartenstein H J 47648 52172
Harter C L 24485
Harter D H 46434
Harter P 14442
Hartert H 10342 41761
Hartert I 19427
Hartfall S J 18371
Hartfield J E 46591
Hartgering J B 6773
Harth O 41747
Hartiala K 317 24842 24861 35144 35145
Harti H 15425 22217 30041
Harti W 376 34155
Harti Z 38166
Hartle R 151
Hartleb M 30811
Hartleb O 360 11249 12089 34150 46568 55544
Hartles R L 2081
Hartley A A 635
Hartley H E 11532
Hartley J 19904
Hartley J W 10872 17253 32343 42999
Hartline H K 11690
Hartling E A 14736
Hartman A A 17348
Hartman E 803
Hartman F A 47127
Hartman J 19304
Hartman J D 12572
Hartman R H 40246
Hartmann E 13056 14513
Hartmann F 29894 30550 34436 39047
Hartmann G 33998 45980 49882
Hartmann H 44234
Hartmann J F 34421
Hartmann K 23082 25386 51251
Hartmann L 20668 20675 24222 24917 25481 36622 53981 53986 53988 53989 54294
Hartmann M 51413
Hartmann P 15981 24165 24169
Hartmann R C 34882
Hartnett T J 30162
Hartog B J den 34447
Hartog H A 1029 52505
Hartog Jager W A den 24078
Hartroft P M 700 17578
Hartroft W S 35642 48705
Hartsook E W 17811
Hartung J 12989
Hartung K 35427
Hartung L 48918
Hartung W 37017
Hartweg H 9991 39413
Hartwell A S 27787
Hartwell J L 27483
Hartwig J 23195
Hartwig Q L 23383 37615 47128
Hartwig W 6863 17706 30806
Hartwigk H 55691
Hartz P H 24173
Harvald B 24077
Harvard B M 55029
Harvey 51878
Harvey B 14718
Harvey C M 17857
Harvey C P 14313
Harvey D G 5752
Harvey H D 47508
Harvey H T 13205
Harvey J H 38021
Harvey N 16827
Harvey O A 20761
Harvey W P 14981 14984 14985 14986
Harvier P 32042
Hasaerts R 35233 35245
Hasbrook A H 23299
Hasbrouck E E 12548
Hasbrouck W 50822
Hasche E 22195
Hasche-Klünder R 11314
Haschek H 11338 34372
Haschen R J 27890
Hase S 38019
Haseeb M A 28670
Hasegawa S 4331 26788
Hašek M 47545
Hasenberg H 16237
Hasenbring D O 28174
Hasenclever H F 45
Haserick J R 1
Hashem M 28309
Hashiba K 435
Hashim S A 30143
Hashimoto T 7207 16880 25004
Hashish S E 12013 17966
Hashizume T 47701
Hasik J 30785 30829
Haskell A R 12746
Haskell B 39140
Haskins A L 44142
Haskins H L 35342
Haskins W T 50997
Hašková V 7196
Haškovec L 2755
Haslam E T 50757
Haslam G J 558
Haslam R 13182 36623
Haslam R M 28997
Haslerud G M 46450
Haslewood G A 37055
Haslinger R 33744 33748
Hasner E 35442
Hass G 6164
Hass G M 22306 23411 29873
Hass J R 20624
Hassan I 711 712 716 717 718
Hassan W E Jr 4085
Hassan W E Jr 16296
Hassard G H 27965
Hassard H 28164
Hasselbach W 30534 30560 46570
Hasselbacher K 26166
Hasselblatt A 18322 36925
Hasselman J J 38521
Hasselmann M 1067
Hassenforder 29233
Hasset C 49718
Hassid W Z 16892 47707
Hassler F S 49515
Hassler O 23959
Hassoun A 12991
Hastings A B 40473 46956
Hastings M 24590
Hata T 16799
Hatakeyama I 11104 55434
Hataya M 49669
Hatch G S 639
Hatch H B Jr 46511
Hatch L A 12304 41431
Hatch M D 1638 5203
Hatch R P 24511 43295
Hatcher G H 16229 24649
Hatefi Y 47965
Hatem S 38663 38686 38724 38725 38736 48868
Hatfield C C 22575
Hatfield E E 40416
Hatfield H B 16251
Hathaway C O 10488
Hathaway S R 20514
Hathorn M 4971 6199 15050
Hathway D E 13714
Hatjeganu I 31121
Hatlen R 47049
Hatt J 25459
Hatt P Y 36682
Hatteraley P G 22144
Hattingberg I 36470
Hatton M E 17209
Hattori M 14912
Hattori N 26392
Hatzfeld C 9009 32056
Hatzijanni A 27149
Haubenreisser J 25345
Hauch E W 527

Hauck A J 445
30419
Haude H 12074
Haufe F 49004
Haufe U 3224
49004
Haug H 49121
Haug J O 43251
Haug O 6226
Haug-László A 53089
Hauge J G 12026
Hauge M 23725
Hauge M F 35284
35285
54960
54965
Hauge S M 17809
Hauge T 23698
Haugen H N 54948
Haugh D C 41027
Haughton B G 37072
Haughton G 13710
Haugsted H 24077
Haukenes E 38512
Haukeness S J 32691
Haumonte 47440
Haunz E A 5286
52132
Haupt G J 47585
Haupt H 34113
Haurowitz F 1342
Hausam L 18910
Hauschild F 7981
23625
38884
43018
Hausdorf G 12323
Hause N L 52326
Hausegger K 6051
Hauser A 40671
Hauser G 32530
Hauser G A 8140
27700
27701
Hauser W 15289
36435
49009
Hausler L M 24760
Hausman R 54865
Hausmanowa-Petrusewicz I 30072
43660
46445
Hausner M 14869
Hause W H 3240
Hauseer E 45014
Haust H L 2541
47703
Haust M D 11556
12464
47084
Hauswald R 10039
Hauswaldt C 34107
Hauswirth O 46641
Hautala T 24855
Hauton J 26693
Hava M 36556
Havel R J 24399
Havelka S 6021
Havemann R 27453
Haven F L 32348
Havener W H 92 7651 20108 30255 43334 47059 49389 50192
Havens W P Jr 50011
52594
Haverback B J 39457
Haveson S B 53732
Havez R 25465
35354
Haviar V 26541
Havlíček J 2797
14841
38365
Havlík J 2774
Havlík O 2772
28415
38170
38172
Havlíková D 38327
Havlin I 24752
Havlíjová L 38319
Havyatt M 13670
Hawes C A 19599
Hawes R 51110
Hawk B O 6996
Hawk W A 50424
54672
Hawker R W 49276
Hawkes J H 3359
Hawking F 9609
22295
48235
Hawkins D Jr 19624
Hawkins D F 41339
50972
50973
Hawkins N M 2700
16950
Hawkins S B 8535
31607
Hawkins V R 50704
Hawkins W F 40818
Hawley R A 14350
Hawthorn E 32371
44777
Hawthorn J 29805
Hawtrey A O 31286
38079
Haxboldt B F 23530
Haxthausen E F von 36928
Hay D 5565
10533
Hay E D 16954
Hay G A 26091
Hay J D 50659
Hay L J 54695
Hay M F 51094
Hay R 47443
Hayashi E 2827
Hayashi H 13150
Hayashi I 45578
Hayashi S 4330
Hayashi T 19636
Hayashi T T 38579
Hayashida M 662
Hayashida T 15599
32336
Hayasi K 16469
Hayaux P 23666
Haybittle J L 35444
51333
Haycock C E 35878
Hayden A C 42855
Hayden M L 52797
Hayden W B 36316
Haye C 9252
13056
Hayek H 55365
Hayem F 54451
Hayem-Lévy A 35354
Hayes D L 12228
Hayes D M 11625
Hayes F A 4642
Hayes G J 12852
Hayes H W 28574
Hayes J 16190
Hayes J H 40040
Hayes J R 50511
Hayes M A 14750
14757
40242
Hayes M L 41167
Hayes P R 29857
Hayes R A 46852
Hayes R L 17220
Hayes T L 19926
30206
Hayes W J Jr 11603
53667
Hayes W L 24334
Hayhoe F G 26029
Hayles A B 31473
50423
50436
Haymaker W 11667 19811 19812 19813 23811
Haymond G M 35884
Haynes P R 24584
Haynes R C Jr 28273
Haynes W C 1299
50343
Haynin G de 16997
54607
Hays D M 14555
Hays E E 31283
Hays E F 17608
Hays R A 2935
Hays R M 17645
50454
Hays S B 4479
19983
Hays V W 5548
Hayt D B 53728
Hayt E 4088
27931
27932
27935
Hayter C J 2262
Haywa E W 52133
52838
Hayward A C 19522
Hayward J 51532
Hazard J 15098
47357
48855
Hazard J B 2937 15755 26610 46411 50424
Hazard R 15098 26750 26791 26902 26912 32941 36562 48855
Hazelwood R L 15613
Hazemann R H 48944
Hazlewood R L 49278
Heacock R A 7229
Head K W 26023
Head L R 16660
18132
Head M 24689
Head P W 18078
Headley R N 30109
30224
Heady J A 18809
Heaf F 26020
Healy J B 4320
Healy M J 16270
Heaney R P 17042
19712
Heanley C 53545
Heard D H 19459
Heard R D 14617
Heard W G 50552
Hearnshaw J R 14204
Heasman M A 5618
18716
26039
Heath D 2900 5640 5688 10315 14074 35617 38494 38495 48185 50127 54916
Heath D B 8507
Heath D F 37065
Heath G G 21664
Heath R G 27020
27332
Heathcote J G 17951
Heather A J 13490
24602
Heaton C E 17683
48369
Heaton L D 32726
Hebb C O 19660
Heber R 590
Heber R F 46976
Heber-Suffrin (Mme) 53380
Heberer G 27380
29048
29075
Heberling E J 4663
Hebert 13058
Hebert A 48530
Hébert G 22455
Hebold G 29475
39033
42893
Hécaen H 5801
31830
Hecht E 10335
10337
Hecht G 55466
Hecht H H 585 2896 2909 14974 48698
Hecht K 23639
46571
46572
Hecht L I 1714
16923
Hecht-Lucari G 8660
Hechter O 16874
Heck D 42361
Heck J 20121
43347
Heck W 19309
Heckenroth M 21376
Hecker E 8684
16929
51049
Hecker R 47611
Hecker S 50130
Hecker W C 2872
Heckly R J 16882
16883
Heckmann U 9983
Heckner F 49314
Hector R M 41415
Hed R 35169 35170 35171 35173 41217
Hedberg H 35475
Hedbys B 23853
Hedenberg F 35350
Hedenström I von 36481
Hederer C 31947
Hederich V 47667
Hederstedt B 23963
Hedge A R 48431
Hedge R 35936
Hedgecock L D 11739
Hedin J E 43222
Hedinger C 39862
Hedler L 1590
13634
Hedlund S 43186
Hedman L L 51903
Hedmeg A 47207
Hédon L 54891
Hedrich W 38902
Hedrick L R 16870
19669
Hedström V 45348
Hedvall E 37004
Heeb M A 23474
Heeger E F 20331
Heeger H 6085
11034
22821
34184
Heemstra J G 54524
Heepe F 42293
Heer J de 46683
Heeren J 1076
Heeren R H 808
Heese G 23052
Heesen W 55080
Heffernan D D 5397
Heffernon E W 3685
6124
51318
Hefferren J J 50180
Heffron P F 14204
Heftman W R 20428
Heftmann E 32352
Hegarty J G 17757
Hegarty V H 42129
Hegde B 527
49986
Hegemann F 11239
38962
Heger E N 25161
Heggen G E 8527
Hegglin O 32697
Hegglin R 9516
26486
44927
Hegnauer A H 12561
Hegnauer R 7958
20311
20313
Hegsted D M 24374
Hehre F W 12968
27087
Heicke B 52303
Heidel W 46101
Heidelberger C 2714
26462
Heidemann W 33894
Heidenreich C 54710
Heidenreich O 43020
Heidensleben L 17200
Heider C 13185
Heidrich R 15877
34013
44217

Heifetz C J 841
Heijdemann S F 38519
Heijkensk-jöld F 23829
Heikel P E 24791 46874
Heikel T 7151 32222 32223
Heikinheimo R 49204
Heilbronn E 12016
Heilbronn H 55421
Heilbrun A B Jr 4383
Heilbrun N 19896
Heilmeyer L 25847 38959 54293
Heilskov N S 22428
Heim F 36937
Heim L 13089 13090
Heim W 29025
Heim de Balsac R 9007 42506 45010
Heiman M 50869
Heimann 21397
Heimann H 44268
Heimann J 5474 46094
Heimann P 45325
Heimann W 52168
Heimann-Hollaender E 38515
Heimberg M 35811 35812
Heimburg P 41759
Heimburger N 25886
Heimendinger J 9537 9543 39911
Heimer G V 4890
Heimer R 15025 31409
Heimpel A M 2569
Heimpel H 30557
Heimrath T 30767
Hein F V 16628
Hein H 48355
Hein J W 28100
Heinänen N 54492
Heinberg C J 11715 45088
Heinc A 14830 38309
Heine F 25798 25802 37008 37015 37016
Heinecke H 34232
Heinecker R 38097 42258
Heinemann B 13336
Heinemann G 37755
Heiner D C 20250
Heinivaara O 36113 36114
Heinlein H 37025
Heinonen O P 24834
Heinrich G 35594
Heinrich H 15351
Heinrich H C 32696 46211
Heinrich H G 12087 38898 49078
Heinrich K 7376
Heinrich P 11407
Heinrich W A 152
Heinrich W D 29049
Heinrichs W L 31323
Heins H C Jr 12382
Heinsen H A 3272 15634 19002
Heinsius E 28911
Heintel H 35255
Heintz R 39012
Heintzen P 47495
Heintzmann-Perrier F 30232
Heinz E 40509
Heinz F 23062
Heinz H J 9784
Heinze R 29034
Heinzel F 9996
Heinzel J 29110
Heinzler F 49132
Heinzmann F 45966 45974 55369
Heisch R B 5138 14297
Heischkel E 49145
Heise E 55526 55527 55534
Heise H A 16619
Heisen A J 6431 18659 18664
Heiss H 32648
Heistö H 22238 54967
Heit H J 27111
Heite H J 36920
Heitman R A 20922
Heitmann R 27155
Heitz E 46164
Heitz F 21363
Heitz M F 21358
Hejdenberg-Svensson W 21809
Hejhal L 9430 9431
Hejl Z 31789
Hejna K 48614
Hejnowicz Z 19619
Hejtmancik M R 10260 12209 24332 35620 46862 54853
Hejwowska W 29501
Hejzar M 38164
Hekele K 3990
Helander C G 12017 15864 35379 35385 35447 35463 35469
Helander E 10191 19631 35167 45322
Helander S 35186
Helanen S 23703
Helbig D 25286 38438
Helcl J 38166
Held A J 28070
Held E 27689 54371
Held J P 9141 9145
Held J R 44271
Held L 42348
Held R 55683
Held U 44202
Helde M 35458
Helden R A 6976
Heldt T J 11784
Hele P 14188 53479
Helfand T 47007
Helfenstein S 53308
Helferich E 28857
Helfferich K H 38945
Helge H 25816
Hell P 55605
Hellauer H 32683
Hellbrügge T 52258
Helle O 12745
Hellegers A E 35738
Hellenbach H 41927
Hellenbrandt F A 24605
Hellendoorn H B 15015 26007 29974 43055
Hellens A von 23960
Heller A 12073
Heller C G 13205 30934
Heller E M 2628
Heller H 18701 19690
Heller H M 30121
Heller J 30884 38195
Heller J H 13233
Heller J R 24186 46735
Heller K 46159
Heller L 18932 43227 43228
Heller N 5260
Heller P 15997
Hellerman L 40506
Hellerstein H K 14956 53574
Hellhammer D 29776
Hellier F F 11555 14060 14070 48183
Helliesen P J 16814
Hellinga G 52499
Hellman B 23788 34431
Hellman C D 9566
Hellman E 52830
Hellman I 44055
Hellman L 17020 28245
Hellman L I 47176
Hellman L M 12416 24500 51569 44
Hellmann H 46160 46174 47978
Hellmann K 2620
Hellner H 38988
Hellon R F 17976
Hellström B 43248 45352
Hellström G 4847
Hellström J 11890
Hellström J 52709
Hellstrom B 32860
Hellstrom H R 132 134 23461 49711
Hellstrom J G 14646
Helluy J R 9098
Hellwig C A 5239 17512
Hellyer G C 1659
Helm F 6060
Helm J 46185
Helm R A 35630
Helm W H 2226 2227 8489
Helmbold W 1788
Helmchen H 39045
Helmer F 51238
Helmholz H F 27512
Helmholz H F Jr 38494 38495
Helmig H 55585
Helmreich E 40563
Helms A 24278 24279
Helms P 45492
Helmsworth J A 143 5874 5875 18115 54679
Helo A 36019
Helper E W 1351
Helpern M M 12258
Helsborg H C 24071
Helsingen N Jr 10314
Heltai A 35757
Helvadjian G 36093
Helwig C W 10452
Helwig E B 34849
Helwig F C 46437
Helz M 16672
Hembree J W 4583 16756
Hembrow C H 42136
Hemet Y 53987
Hemingway A 4654 48731
Hemmeler G 21638
Hemmer R 25380 36486
Hemmes G D 43025
Hemming H C 2114
Hempel H C 6017 15346 42866 51195
Hempel K J 28382
Hempel-Jørgensen P 55107
Hemphill E C 20257
Hemphill F M 12650
Hemphill L 23331
Hems G 8529
Hemsted E H 41852
Henares J M 3840
Henatsch H D 29901 30541 53075
Henckel C 13520
Hendee E D 50529
Hendeles F R 3188
Hendershot W F 1310
Henderson A G 2028 2030
Henderson D A 17291
Henderson E D 16975
Henderson J 23494 55416
Henderson J A III 20068
Henderson J B Jr 54626
Henderson J F 48570
Henderson J W 657 47044
Henderson L M 37107 40548 40549
Henderson N 5485
Henderson T A 10993
Henderson W 12431
Henderson W G 2095
Henderson-Begg A 49215
Hendey N I 18066
Hendin H 53610
Hendley D D 7127
Hendren W H III 4444
Hendrich F 2739
Hendrick I 16761
Hendrick J W 11737 11809 11810 17679 35883 41159
Hendricks C H 12414 47007
Hendricks S B 9550 21678
Hendrickse R G 2191
Hendricky A 36626
Hendrie K H 5749
Hendrikx A 35788
Hendrix G 35281
Hendrix T R 50459
Hendrix V J 38071
Heneberg P 49505
Henegar G C 146 54778
Henenfeld M 16735
Hengen O 1589 36929
Hengstmann H 47639
Heni F 6678 27889 38950 49284
Henke H 9982 34166
Henkes H E 46455
Henkes M M 12325
Henle G 5014 5015 5016
Henle W 5014 5015 5016 10862 10863 40901 40902
Henley E E 47315 54707
Henley K S 3687 49695
Henley P G 40262
Henley W B 16684
Henn M J 19714
Henne H F 18983
Henneberg 23161
Henneberg G 11011 34509
Hennebert A 35494 35495
Henneman D H 17024
Henneman P H 17024 19862 30139
Hennemann H H 27177 27193 34146 46119
Hennequet A 25501
Henner K 2780 2790 2791 33842
Hennes A R 28582
Hennessen W 55488
Hennessey R S 2268
Hennessy A V 1159
Hennessy B L 20553
Hennessy J D 37667
Hennig G C 12294 47508
Hennig K 32662
Hennigar G 34944
Hennigar G R 46955
Henning H M 13643
Henning N 6845 42924 49305 52201
Henning U 25879
Henningson R W 52413
Hennisot E 51144
Henrich G 367
Henry G C 11090
Henocq E 15201
Henon M 3040
Henrard A 21324 50351
Henrichsen E 35287
Henrikson W E 15915 44373
Henriet R 41471
Henriot C 9252
Henrioul 1336 1337 1338
Henriques C Q 2143
Henriques O B 52394
Henriques S B 52394
Henriquez Inclan E 51665
Henrot 1023
Henrotin E 35053
Henry 51452
Henry A K 16395
Henry C E 27318 28284 50160
Henry C L 17555
Henry E 35050 43983
Henry F J 6765
Henry G A 6222
Henry G W 16097
Henry J 11894 21339
Henry J A 36073
Henry K M 37597
Henry L 17672
Henry M 32017
Henry M M 16672

Henry M M 47065
Henry R 7756
36053
36062
36063
Henry R D 54583
Henry R J 38514
Henschel C 23903
Henschel E 33529
33531
Henschen F 10173
Henschler D 6070
6078
46214
Henschler-Greifelt A 49006
Hensel H 30505
36466
Hensell V 42930
Hensen J P 35983
Henshaw P S 27809
Hensler L 54334
Hensley C D Jr 50185
Henson R A 28960
53279
Henson S W Jr 54284
Hensage E 4035
Henstell H H 1148
Hentsch H F 34470
Hentschel G 36477
49024
Heon M 14661 41912 41913 41915 41916 41919
Hepding L 13643
Hepner H J 12415
Hepner R 16667
Hepp J 31977
36643
Hepp J A 43299
Heppel L A 1268
Heppleston A G 5622
5660
8302
Heppling S 54489
Heppner F 19328 22813 35256 45959 51237
Hepps S A 47127
Heptinstall R H 31590
37566
Héraud G 54170
Herbain M 26333
Herberg H J 28854
Herbert C M 12384
Herbert E L 18097
Herbert H R Jr 26284
Herbert J 40805
Herbert J J 9231
42443
Herbert S 7755
Herbert V 12517
31366
50458
Herberts G 35322
Herbertson B M 5628
Herbeuval R 21334
43946
Herbst A L 12549
39211
Herbst G 12321
Herbst M 22198
41599
46560
49067
Herbst W 14410
Herbst W P 3776
Herbst W P Jr 55043
Herbut P A 703
26471
Herczeg L 34537
Herczeg T 18740
Herdan G 27037
Herdeiro J 49730
Herdenstam C G 19934
Herder J J den 43583
Heredia A 37261
Heredia H I 32471
Heredia Diaz J 6610
38509
Heremans J 8998
15014
50882
50883
Heremans M T 50882
50883
Hérent J 41367
Hereñú R C 24744
Héroter J A 13889
Herfarth C 33544
Herfort K 39048
Herfst A 20313
Hering A C 18129
Heringman E C 46521
Heringová A 14856
Herigan S 9466
Herkel'ová L' 38214
Herken H 11019
15434
29895
43003
Herles F 11212
Herlit F 11265
Herman C 40551
Herman C M 24699
Herman E 33843
Herman E C Jr 40554
Herman I 52827
Herman J B 29526
Herman J R 5936
Herman L 53615
Herman M 26346
Herman O 23576
Herman R H 10685
Herman Z 3369
Hermanek P 30275
Hermann B 43454
Hermann E 6710
Hermann G 45586
46089
Hermann H 5767
36575
51468
Hermann I 27475
Hermann I F 40312
Hermann K 45537
Hermans E H Sr 4004
52502
Hermans E H Jr 4004
43024
Hermans L 33133
Hermans R P 29953
Heřmanská Z 11964
Heřmanský F 26526
26537
26539
48057
Hermelin B 5381
Hermelink B 33935
55575
Hermida D 21794
Hermosilla Díaz F
Hermouet L 26232
Herms W 49070
Hernádi Á 47496
Hernandez C 41392
Hernandez D J 47210
Hernandez H J 17813
Hernández M 21143
Hernández N A 1842
21217
37284
Hernandez P 31280
Hernandez T 31459
Hernandez W E 12974
Hernández Cañero A 8835
31820
44500
Hernández Cruz A 3839
Hernandez d'Empaire J R 8933
Hernández Díaz A 1810
Hernández-Peón R 30558
54416
Hernández-Richter J 46095
Hernando L 53902
Hernando Avedaño L 31817
Herndon C N 50045
Herne 43767
Herner B 54818
Herngreen H 29965
Heroin P 18616
Herold A A Jr 5300
Herold E 34236
Herold G 18961 18984 19034 19050 19066 29494 42323 42394 51854
Herold M 3065 15109 15122 26662 26670 26764 26801 26818 28408 32922 32923 32951
Herovici C 3134
Herpay Z 43103
Herpin A 37772
Herpola O 32711
54644
Herr F 7689
Herraiz Ballestero L 44392
Herranen A M 8636
Herrault A 4220
Herrberg W 11332
Herre W 3289
Herrell W E 28129
Herren C 39895
Herrenschmidt M 10030
Herrera E G 29378
Herrera O 21197
Herrera W A 39134
Herrera Martínez C 36854
Herrerra J 30185
Herrick C J 30486
Herrick J F 47783
Herrick R A 468
Herring A L 18143
Herring G M 37568
Herrington J L 22040
Herrington J L Jr 34960
54657
Herrler H 34505
Herrlich A 3265
52257
52276
Herrligkoffer K M 52200
Herrlin K M 35353
Herrmann A 19019
Herrmann A J 7501
Herrmann B 36577
Herrmann F 49839
Herrmann G R 10260 12209 24332 35620 46862 47140 54853
Herrmann H 4970
55725
Herrmann L 11390
Herrmann R 23158
Herrmann R G 44151
Herrmann U 27699
54342
Herrmann W 29459
Herrnheiser G 3604
Herrold K M 135
Herrold R D 25025
Herron J T 16850
Herron P W 22014
Hers J F 10346
41790
43043
Heršak E 35061
Herschel W 23139
Herschkowitz N 32668
Hersh R T 10865
Hershberger L G 31297
Hershberger T V 17811
Hershenson L M 28128
Hershenson M A 28128
Hersher L 32344
Hershey A D 10870
Hershey C D 834
Hershey F B 50641
54654
Hershkowitz A 26575
Hershman H A 18148
Herszberg B 32706
Hertault J 7045 7046 7051 7052 7058 36672
Hertig A T 11760 12418 21514 43531 49482 52822
Hertman I 17303
Hertoft P 24070
33393
Hertting G 29916
Hertwig G 34221
Hertz C W 27199
Hertz E 48411
Hertz R 16565
31432
Hertzman A B 23352
Hertzman J 12146
Hertzman-Ericson M 21807
Hertzog E 9138
Herve 18634
Hervé A 51370
Herve H 6413
Hervé L 53959
Hervé R 26211
Hervet É 26246
Hervouet F 14514
Hervouet F 26233
Hervouet des Forges L 36090
Herwig H 24236
Herwig W 34278
Herzheimer A 18395
26026
Herzheimer H 2225
23526
Herz R H 51290
Herzberg J J 39804
Herzberg K 34065
Herzberger A C 4620
Herzog E 21172
Herzog E G 14292
Herzog E H 27834
Herzog F 53379
53386
Herzog H 39853
Herzog K 14950
38436
Herzog R H 19997
Herzog W 25222
Heslin H L 7553
Heslot H 48824
Hess A 2026
38821
40586
Hess B 41739
Hess E A 49468
Hess E L 8524
40584
Hess F 32640
Hess G 49904
Hess G P 1698
Hess H 34534
39229
Hess J 16048
Hess M E 48730
Hess P 32639
Hess R 22199 25389 40588 40589 52448 54083 54938
Hess R G 39047
Hess S 17940
Hess W 30264
Hess W C 26280
26286
Hesse F 55590
Hesse J C 25496
45005
Hesse O 48865
Hesse R 8845
19333
Hesseltine H C 17532
Hessert E C 7613
Hessert E C Jr 7613
Hession B L 38035
Hesterly S O 17193
Heston W E 13247
Hetényi G 29182
Hetényi G Jr 34001
Hetényi L 41610
Hetherington A W 40303
Hettinger G 35450
Hettinger T 28051
34262
40173
40178
Hetyei P 51428
Hetzel B S 19672
Heuchel G 9523
Heuchel G 33892
49674
Heuguet 4819
Heully F 9103
31908
54059
Heumann C 19061
Heumann G 25489
Heumann W 25304 34176 34241 55536 55566
Heupel H W 38421
Heupke W 19422
55407
Heurtin M 32939
Heusghem C 26204
Heuson J C 1774
Heusser H 27829
Heusser J 45397
Heusser W 45459
Heussner C G 46180
Heuyer G 11245 11246 11247 34140 34144
Heuzé P 40646
Hevér O 10570
Hevesy G 7946
Hevia H 13896
Hewer C L 18678
Hewitt B R 7128
7129
Hewitt G K 20368
20380
Hewitt H 54680
Hewitt H B 26000
Hewitt J 31979
37874
Hewitt L F 5635
Hewitt W 29243
50310
Hewitt W L 25007
25030
Hewlett P S 7189
Hey E N 20916
Heycock J B 1407
Heyd E H 16235
Heydenreich A 24272
28869
Heydinger D K 11788
35876
Heye D 13349
Heyen C F 7297
Heyman A 7396
Heyman C H 40029
Heymann G 34080
Heymann H 19694
Heymann H J 9975
Heymann K 31570
Heymann S P 5042
Heymann W 20249
50465
Heymans C 2916
13445
13446
37791
Heymer T 36438
Heyndrickx G V 49303
Heynekamp C E 24357
Heyner S 19533
Heyrovský A 44869
Heyworth F 2226
2227
20477
Hezebicks M M 13343

Hiatt C 20721
Hiatt H H 4878 4879 28232 47717
Hiatt N 47591
Hibbitt L L 40665
Hibbs R G 12208 40578
Hibler C P 51001
Hibler N 19318
Hibma O V 22905
Hickam J B 48993 49187 53579
Hicken N F 34957 47242
Hickey J L 28202
Hickey M 50667
Hickey R C 46751 50656
Hickish D E 26054 26060
Hickling S 52698 52700
Hickman J 13811 40642
Hicks J D 5665
Hicks R 7187
Hicks S P 11746
Hidalgo A 43961
Hidalgo J 47742
Hidano M A 37866
Hideg J 47729 52877
Hiebel C 32077
Hield M A 18759
Hienert G 22902 46005 46019
Hienz H A 27508
Hiepler E 10330 22228
Hierholzer K 747 30553
Hieronymi G 11346
Hierowski M 30757
Hierschbiel E 35854
Hiertonn T 46662
Hiestand W A 12532
Hift S 22834 33844 46018
Higaki A 33537
Higashi T 1677 29814
Higazi A M 4951 27261
Higazi A R 4958
Higdon R S 34849 50174
Higginbotham R D 6215 13231
Higgins C 40755
Higgins C C 18139 20612
Higgins C R 22478
Higgins E S 31460
Higgins G A 34984 47288
Higgins I T 6193 22328
Higgins I T 48316
Higgins J 19683
Higgins L G 50977
Higgins P M 8306
Higgins T S 9797
Higginson J 24174
High E G 17707
High R H 25028
Highman B 755 55010
Highton R B 14460
Hightower N C Jr 12285 12293 35671
Higinbotham N 22039
Higinbotham N L 858
Higuchi T 4553 4554 4564 16703 16708
Higuera J 53904
Higuera Rojas J 53929
Higurashi H 16453
Hiisi-Brummer L 35189 54646
Hijmans W 10958 10961
Hikiji T 40427 40428
Hilberg A W 43132
Hilbert G H 28344
Hilbish T F 16565 31633 36255
Hild R 11248 23012
Hildebrand E M 25121
Hildebrand G 36939
Hildebrand L E 118
Hildebrandt A C 25122 49446
Hildebrandt E E 20064
Hildebrandt G 30518 36465
Hildeen T 18425
Hildemann W H 10486 44035 47555
Hilden T 12314 43216
Hildes J A 14603
Hilding A C 51163
Hildinger M 25311 46174 47978
Hildreth H R 12455
Hildreth K M 23350
Hiler E W 17181
Hilf R 47247
Hilgenberg F 35254
Hilger H H 30536 30537 30538
Hilger J A 6239
Hilgetag G 23637
Hilke H 29015 29120 34536
Hilkemeyer R 2508 24479
Hill A B 5802 5803 5804 48315
Hill A E 10256
Hill A V 44030
Hill B M 17248
Hill C R 2076
Hill D 8291
Hill D K 51111
Hill D W 48161
Hill E G 44081
Hill E J 53125
Hill E O 1241
Hill E R 20361
Hill F C Jr 37940
Hill F T 13279
Hill F W 17812 35807
Hill G A 19665
Hill G J II 52610
Hill I 14029
Hill J 14121 19610
Hill J H 41190 46391
Hill J M 10258
Hill J P 16781
Hill J T 39147
Hill L D 22735
Hill L L 41158
Hill M 35023 39264
Hill M C 14164 14646
Hill M J 5840 28661
Hill M R Jr 39147
Hill M R Sr 39147
Hill R 7212 47694
Hill R F 34386 47956
Hill R J 40549
Hill R L 16100
Hill S G 7014 19289 19298 42852
Hill S R Jr 40666
Hill V H 12237 12242
Hill W 39732
Hill W E 4153
Hill W F 17086 50506
Hill W H 12224 46879
Hillarp N Å 318 12022 35391 52456
Hille A 30238
Hillebrand H 25802
Hillejan H 15969
Hilleman G A 46473
Hilleman M R 53 17470
Hillemand P 40959 49154
Hillemanns H G 47637
Hillenbrand H 52845
Hiller E 1588
Hilliard I M 38003
Hillier J C 17807
Hillman D A 48505
Hillman E 35706
Hillman M J 2709
Hillmann G 55564
Hills H M Jr 10979
Hills W J 47202
Hillson J S 40727
Hillyard L A 16903
Hilmar N A 45552
Hilmer W 11252 34186
Hilscher A 12070 46795
Hilsinger R L 10411
Hiltbold B 32303
Hiltner S 2354
Hilton J G 32523 52633
Hilton J L 44954
Hilton S M 51097
Hiltz J E 38038 48521
Hilz H 47966
Himalstein M R 18486 19141
Himbert J 1464 1548 43771 44986
Himelstein P 40750
Himler L E 4239
Himmel A 8098
Himmelstein A 5893
Himwich H E 70 12603 47188
Hinchcliffe R 35298
Hinckley R 21980
Hincky M 9630 9634 17526
Hind J E 5841 5842
Hindenach J C 50398
Hindle W H 55426
Hindman D A 591
Hindmarsh C 12273
Hindmarsh M 14141
Hinds J R 19925
Hine C H 5750 11595 16661
Hine F R 17785
Hinegardner R T 4008
Hinerman D L 10702
Hines H M 141
Hines M 23287
Hines W J 47626
Hing T K 41981
Hingeley H 24474
Hingkeldey H 25276
Hinglais H 9638
Hinglais M 9638
Hingson R A 40333
Hinke J A 44133
Hinkle L E Jr 8424 36254
Hinkle V R 24471
Hinman F Jr 33111
Hinman J 4514 16633
Hino S 39292
Hino T 45592
Hinojosa R 36265
Hinoki M 35299
Hinrichs R 30049
Hinrichsen K 34430
Hinselmann 15955
Hinselmann H 11148
Hinshaw H C 3364
Hinshaw J R 22056
Hinshaw L B 35802 44116
Hinshaw R 23346
Hinshelwood C 53491
Hinson J W 2645
Hinton C D 11726
Hinton J M 41222
Hinton J W 12474 19915 43168
Hinton N A 2619 14685
Hinuma Y 4337
Hinz R W 44079
Hinz W 3747
Hinze P M 28178
Hinze R 11386
Hiob J 33845
Hioco D 8795 9653 24771 35212 44776 45012 47349 53441
Hipp E 12954 18982 34291
Hippius H 24233 25386 27487 33845 36488 39044
Hippe J G 16340
Hiraga K 15578
Hirai H 50068
Hirai M 15578
Hirai T 45834
Hiramatsu T 13831
Hiramoto R 4251 20780
Hirano A 52586
Hirano S 5490
Hirasawa H 25381
Hirata R 34174
Hirata S 25331
Hirayama M 28694
Hirayama P T 55714
Hird F J 13736 13737
Hirning L C 12636
Hiralowa L 53155
Hirono I 19535 38093
Hirose H 10122
Hirota M 22914 55435
Hirsch A 34061 34490 55502
Hirsch B D 15920
Hirsch C 35285 43245
Hirsch E A 46972
Hirsch E F 4144 23406 27962 40061
Hirsch E W 44469 53890
Hirsch F 9506
Hirsch H 16085 22293 30540
Hirsch H M 3460
Hirsch J 50481 51337
Hirsch J A 46381
Hirsch J F 5519 53373
Hirsch J G 28328
Hirsch M J 47078
Hirsch M L 36087
Hirsch O 19322
Hirsch T von 55610
Hirsch W 15358
Hirsch-Marie H 43971
Hirschberg E 2607
Hirschberg G G 3492 47532 48759
Hirschberg S 50272
Hirschboeck F J 17622
Hirschboeck J S 46940
Hirschfeld H 7333
Hirschhorn K 35727
Hirschlerowa Z 33736
Hirschmann J 34200
Hirschmann R 37224
Hirsheimer A 43329
Hirshleifer I 1125
Hirst A E Jr 6623
Hirt J 9682
Hirt R 30597 49320
Hirth L 12105 38697 38711 48806
Hirtz G 3083
Hirvonen L 24846 24847
Hirzel L F 45922
Hisaw F L Jr 49268
Hiscock I V 27051
Hisdal B 44906
Hishikawa F 16448
Hishikawa Y 15578
Hitch J M 34856
Hitchcock C H 5274
Hitchcock C R 22063 52137
Hitchcock P 24763
Hitchens R A 13298
Hitchings G H 2676 48579
Hitchock E R 48260
Hitt J 17608
Hittmair A 19379 21633
Hitzenberger G 22752
Hitzig W H 4024 39869 39880
Hiva O 32945
Hivet M 31989
Hiwett J 40551
Hiyama A 4344
Hiyoshi K 48934
Hjelt E 27124

Hjelt L 24166 24837 24887 47491
Hjort G H 23976
Hjorth N 23532 33386
Hjorth P 14143 27101
Hladík M 38319
Hladký R 30028 38883
Hladovec J 38243
Hlasivec Z 48651
Hlavaty A 38457
Hlavayová E 30021 30022
Hlivko A E 3933
Hloucal L 19011 42399
Hník P 38209
Ho C 48600
Ho C C 38399
Ho C H 2845
Ho T 38410
Ho Y 38414
Hoagland M B 53477
Hoang Kimtinh 15336
Hoang-Tich-Try 19752
Hoard A G 34837
Hoare C A 21542
Hoather W H 2139
Hobbiger F 41347 42953 52297
Hobbs D C 40535
Hobbs F S 26423
Hobbs G 5642
Hobbs G L 16950
Hobbs K G Jr 24517
Hobbs K R 6134
Hobbs M 5756
Hobbs M L 10977
Hobby G L 24735 24736
Hoberman H D 28237
Hoberman M 5401
Hoberman S G 50864
Hobolth N 45516
Hobsley M 4896
Hobson B M 35105
Hobson P N 40837 42964
Hoch A P 9526
Hoch P H 8351 12586 47168
Hochberg I 35359
Hochleitner H 15290
Hochman A 15547 27780 50061 50063
Hochman R 7440
Hochmuth H 39064
Hochrein H 30545 30594
Hochrein M 13378 19028 19041 19058
Hochstaedt B 39752
Hochstein L I 40560 40561
Hochuli E 15972
Hock C W 24418
Hodara M 37870 37882 54473
Hodd F A B 26072
Hodek B 14774
Hodenberg G von 11220
Hodes H L 47776
Hodes M E 7232
Hodge C H 50985
Hodge J 847
Hodge K E 12667
Hodge M H 16951 50541
Hodges A 51900
Hodges C V 33104
Hodges J H 22723
Hodges J R 19496 46588
Hodges P C 10144 20489 20505 27262 43697 43718 47232
Hodges P C Jr 18113
Hodges R E 17073
Hodges R J H 48336
Hodgkin D C 27484
Hodgkinson A 2142 44067
Hodgkinson C P 12425 13214 38572 43710
Hodgson A R 16973
Hodgson G 20564 31326
Hodgson P E 2432
Hodik E 11041 55405
Hodler J 9534 21655 43805
Hodr J 14809
Hoeck L E 26653
Hoeck-Gradenwitz E 24080
Hoedemaker E D 8397
Hoedemaker F S 51417
Höfer R 32686
Högberg B 35390
Högberg G 43235
Högger D 11311 14411
Hoegh L A 40322
Högl O 29776
Högl O 40192 40195
Höglund N J 19949
Höhne G 9987 34166
Höjeberg S 23794
Hoeke J O 10524
Hoekenga M T 48396
Hökfelt B 312 35130 45318
Hoekstra J 33142 33147
Höll J 26359 35365
Höller H 30605
Hölscher B 46804
Hölzel H 27918
Hölzer 15396
Hölzer H 15322
Hölzl J 47932
Hoen E 19314 41602
Hoene R E 35692
Hönicke D 23032
Hoenig V 26516 52923
Hoenigová J 26516
Höök O 32482 46615 46616
Hoepke H 34222 46626
Höer P W 24908 24910 24913
Hörder M H 10361
Hörhammer L 47932
Hörhold K 55727
Höring F O 6688 52254
Hörlin W 38945
Hoerman K C 17216 50707
Hörmann G 47641
Hörmann H 49898
Hörmann J 49029
Hoerner E F 48764
Hoerner V 42425
Hörnicke H 53076
Hörning B 33795
Hörning I 37750
Hoerr S O 3794 26610
Hörter R 34489
Höschl R 31781
Hösel G 46248 46249 46250 46251 46261 46262 46263 46264
Höss H G 46167
Hoesslein E 26843
Hoessly U J 39849
Høst M 22242
Hoet J J Jr 215
Hoet J P 29220
Hoet P L 215
Hötte E 28900
Hötzl H A 388
Hövels O 29415
Hoeven R P van 26006
Hofbauer J 18344 22847
Hofbauer J 55377
Hofer G 55393
Hofer H U 43838
Hoff A 39957
Hoff F 41763
Hoff H 2353 15813 22745 22753 45954 46018 46045 46656
Hoff H E 14339
Hoff R 35912
Hoffeld D R 28338
Hoffenberg R 30147 48594
Hoffer A 2206 48483 49201 50912
Hoffer O 29707
Hoffer O 47793
Hoffer W 50043 50044
Hoffheinz H J 28945
Hoffman B 24673 29507 43644
Hoffman B F 48720 48721
Hoffman C A 22720
Hoffman E 34985
Hoffman E L 12933
Hoffman E S 3921
Hoffman F G 52624
Hoffman H 3496 7685
Hoffman H E 10244 41189
Hoffman H S 5056
Hoffman I 46442
Hoffman J 24072 28408
Hoffman J F 5102
Hoffman J G 49376
Hoffman J I 50461
Hoffman J J 43305
Hoffman K E 52839
Hoffman L R 50093
Hoffman M M 5260
Hoffman M S 18137
Hoffman P 1702 13810 21682 49460
Hoffman R A 35826 35827 35828
Hoffman R E 4830
Hoffman R F 36316 40289
Hoffman R G 31334
Hoffman R K 1311
Hoffmann C 27773
Hoffmann E 3227
Hoffmann G 15346 18335 34021 35236
Hoffmann G L 2936 2944
Hoffmann G R 23662 35057
Hoffmann H 25823 42260
Hoffmann I 13645 34120
Hoffmann K 34115 38888
Hoffmann K F 19033
Hoffmann L 42270
Hoffmann R 11419
Hoffmann R G 7009
Hoffmann R J 17559
Hoffmann T 3279 39002 42392
Hoffmann V 23097 29054
Hoffmann-Conrads E 15635
Hoffmeister F S 54738
Hoffmeister K 33971
Hoffmeister W 7641
Hofhansl W 45973
Hofmann A 39247
Hofmann D 15422 22184 22185
Hofmann G 32681 33834
Hofmann H 10545 33893 55387
Hofmann S 11260 15855 34505
Hofmann U 15319
Hofmann W 30624
Hofmann W W 43124
Hofmeier H 19435
Hofmeister F 19332 25363
Hofmeister F J 39566 46057
Hofmeister K B 49752
Hofmeyr F E 21835
Hofschneider P H 11289 29449
Hofstätter R 16075 41714
Hofstee B H 25424
Hofstein S 19089
Hofsten C G von 52355
Hofstetter H W 47077
Hofstetter J R 9545
Hogan B W 42052
Hogan J F Jr 51478
Hogan M J 93 11679 12437
Hogan R S 41166
Hogancamp C E 12557 14970 14995 33057 46866
Hogans C W 640
Hogarth W P 14170
Hogben C A 43002 44140 50563
Hoge A F 43304
Hoge R H 4451 10082
Hoge R H 45806
Hogerzeil L M 51364
Hogewoning C H 30014
Hogg S 41055
Hoggins G S 20689
Hogle F D 40936
Hogson C 54000
Hoheisel H P 19015
Hohenfellner R 6052 47497
Hohensee F 29923 46159
Hohf R P 11783
Hohl K 44307
Hohlbein R 3749 11427 41774
Hohlfeld R 4034
Hohlweg W 3433 23230 23634 34580 45843 45845
Hohmann G 7109 12883 12892 25364 34270 52244
Hohmann H 18956
Hohmann H G 19386
Hohnen H W 28043
Hohnen H W 53083
Hoigné R 39870
Hoitink A W 29933 31094 35032
Hojman D 25952 32462 44413 53349
Hok K A 20777
Hokama Y 2679 2680
Hokanson J E 16498
Hokin L E 16895 16896 16897 16898 16899 16900
Hokin M R 16895 16896 16897 16898 16899 16900
Holaday D A 12575 28143 40263
Holard 6315
Holasek A 41726
Holborow C A 5294
Holbrook A 41292
Holburn R R 10334
Holcomb A L 36272 46478
Holcomb G E 12836
Holcomb G R 23572
Holcomb M P 36239
Holczabek W 55373
Holden A 5466
Holden H F 25784
Holden H M 38038
Holden J T 13785
Holden W D 10115 22080
Holder E 29024
Holder T M 7839 35527
Holdowsky S 50254
Holdredge J M 3920
Hole H 29908
Holečková E 38204 38238 48631
Holemans K 26208 36189
Holgate J A 8027 20913
Holgate W 29806
Holík F 11847 11848
Holik S 39739
Holinger P H 1195 12828
Hollaender A 14425
Holland B 11655
Holland H C 28566
Holland J A 23275
Holland J F 2672 2710 25925
Holland J J 5002
Holland R 13465
Holland R A 13663
Holland R H 38058
Holland W C 14991 54395
Holland W W 2209
Hollander A 33091
Hollander D H 42021
Hollander L 77

Hollander M B 37813
Hollander N 4747
4844
28247
Hollander P B 48736
Hollander V 48547
Hollander V P 4747
4844
28247
48548
Hollander W 13186
Hollander W Jr 5258
38843
Hollandsworth L C 37956
Hollard D 18566
41143
Hollcroft J W 5423
Holldack K 12073
Holle B 20372
Holle F 29107
Holle G 37020
55715
Holleb A I 10109
48541
Holleman J W 37827
Hollenbeck Z J 12422
20102
Hollender A R 17288
46479
Hollender L 17003 25471 38805 54604 54605
Hollender M H 24622
Hollendonner W J 15267
Holler G 22833
Hollett A 2587
Holley H L 36913 41167
Holliday A R 50514
Holliday J 7542
Holliday M 52997
Holliday M A 7861
52592
Hollier-Larousse H 13473
Holling E 20569
27246
Hollinger N F 805
Hollingham E A 2469
Hollingsworth J W 50727
55428
Hollingworth B R 40501
40502
Hollis J H 792
Hollis J P 19602
Hollis W J 15718
15719
Hollister H 34836
44948
Hollister J M 465
Hollister L E 4837
22471
Hollister R M 43130
Hollman A 26121
41834
Hollmann S 27916
Hollmann W 13381
24232
52226
54318
Holló I 29174
Holló Z M 17523
17524
17525
Hollós I 23702
Hollósi K 23120
41642
Holloway J E 17605
Hollowell O W 52577
Hollström E 23707
Hollwich F 6741 28923 29801 42390 42913 51259
Holly R G 2982
38593
44850
54285
Holm L W 12739
Holm O F 12670
Holm S 35699
45334
Holm T 1581
Holm V 46712
Holm-Hansen O 50336
Holm-Pedersen E 33394
Holman C W 22078
Holman G H 43496
Holman H R 40816
Holman M E 5774
Holman R L 28481
28574
Holman R T 17817
Holman W P 42132
Holmberg E A 53339
Holmberg N 30431
Holmberg S 43185
Holmdahl S 54798
54830
Holmes B 31318
31319
Holmes D E 20077
43311
Holmes E G 39178
Holmes E L 4657
Holmes E M 24687
Holmes J R 11620
17110
Holmes J S 31388
Holmes K C 22590
Holmes M C 36994
Holmes R 12489
Holmes R L 50294
Holmes W 19683
Holmes-Siedle M 2231
Holmgren A 11979
12053
46690
Holmgren B 44735
Holmgren L 35323
Holms L 35799
Holms W H 37091
Holmstedt B 14132
29910
Holmstrom E G 2994
10985
Holness N J 17228
Holobut W 24046
Holopainen T 36108
Holoubek V 39259
Holschuh L L 13291
Holsey W F Jr 873
Hol'shtein I M 29554
Holst P M 43198
Holst S 7477
Holstein E 15382
33918
Holsti L R 52725
Holsti P 34156
Holt A H 18155
Holt C von 15627
25888
49289
49929
Holt D H 27937
Holt E K 15560
Holt J O Jr 21862
Holt K S 5382
6558
20262
36307
Holt L von 15627
25880
49289
Holt L B 12452
37738
Holt L E Jr 33044 33054 36530 37903 46536 46537 46538
Holt M H 10107
Holt R R 5456
16487
46447
Holt S J 3767
14094
25998
Holt W L Jr 49198
Holt W S Jr 47562
Holtaway J S 46883
Holten C 10648
25836
Holter H 39293
Holter J B 44071
Holtermann A 45409
Holthaus F J Jr 3416
Holthusen H 39414
Holtkamp D E 46911
54837
Holtmeier H J 3242
Holton A 40024
Holton R B 5039
Holtorff J 15330
22929
34581
Holtz F 38056
Holtz S 24661
Holtzer A 9626
Holtzer H 12947
Holtzman I N 23358
Holtzman M 1484
Holtzman W H 12616
Holub A 48624
Holub D A 40669
Holub K 45985
46047
Holubář J 38176
Holuša R 38309
Holý J 26530
38325
Holyoke E A 21703
Holzaepfel J H 30935
Holzamer P 34567
Holzbauer M 35082
Holzer C E Jr 157
36330
Holzer H 6072
47927
47931
49919
Holzman J A 12326
42145
Holzmann M 26487
Holzmann M 55545
Holzner H 23118
Holzworth J 28194
Homan C D 42861
Homan J D 1690
Homańska-Szafranowa H 24062
Homburger F 44109
Homer M A 47112
Homma H 16071
22800
55653
Homma J Y 25892
Hommerich K W 36446
Hommes O R 23790
Homolka J 26557
38524
Hompesch 43315
Hon E H 46062
Honda H 49237
Honegger C G 27009
Honeria H G 15390
Honetz N 11000
22752
26507
Honeyman J 46787
Hong S K 4814
4816
Honig A M 20851
Honkavaara I 54491
Honkomp L 47094
Honoré B 36124
36125
Honsa K 11843
24752
35043
Honska W L Jr 50993
Honti G 22950
Hoobler S W 33435
47512
Hood A M 17395
Hood B 35724
Hood H B 44259
Hood R M 18135
Hood T R 1156
Hooft C 1613 13084 23929 23931 25491 37035
Hoogenboom W P 12032
Hoogland G A 43071
Hoogstraal H 5607
Hook E W 2345
2346
Hook G 51862
Hoonacker E van 36693
Hooper E R 37539
Hooper I R 13336
24998
Hooper J W Jr 33080
Hoople G D 11719
10476
33031
Hoops E H 34045
Hoorn J G van 20538
Hoover M L 48136
Hoover R M 12235
48769
Hooykaas S H 34832
46359
Hope J M 8646
Hope J W 7678
53715
Hope-Robertson W J 24539
Hope-Robertson W J 55051
Hopf H S 29843
Hopfensperger H 6073
Hopfgartner A 22850
Hopkin D A B 13868
Hopkins A L 39267
Hopkins C A 27423
Hopkins P 42166
Hopkins P E 10450
Hopkins W A 17666
28598
50804
Hopp E S 1193
4522
6224
Hoppe D 15310
Hoppe J O 16707
55009
Hoppeler 31899
Hoppeler A 25497
Hopper H E 5112
Hopper J Jr 17055
Hopper P K 50476
Hooper S H 20886
Hoppert C A 35
36
Hoppert C A 17205
Hopsu V K 204
Hopton J W 40842
Hopwood R T 12736
Hora T 47196
Horáčková E 14867
38348
Horák F 36180
Horák J 38273
Horáková Z 38243
Horan L G 2884
Horányi B 39035
Horányi J 16999
22214
45469
Horányi M 43449
Horatz K 29108
Horava A 2668
2670
Horava A P 25059
Horbach L 25219
Horbowska H 33732
Horder 46752
Horder J 53272
Hordern A 20840
Horeau 36683
Horeau J 3146
43751
43752
Horeau M 37892
Horecker B L 47717
Horečný K 38332
Horeman H W 8028
8029
Horešovský O 19564
Hori A 14624
Hori M 4334
16440
Hori S H 49670
Horikoshi K 52419
Horio T 1677
29814
Horioka M 2815
Horisberger E 21610
27838
Horita A 44091
Horiuchi S 26728
Horizonte B 53852
53857
Horkenbach G 12091
Horký J 38103
Horlick L 38041
Hormia A 24857
24865
Hormia M 24857
Horn D 48554
Horn D W 2260
Horn E H 15598
Horn H D 33964
41732
Horn P 2990
Horn R C Jr 22030
Horn V 11354
17879
30023
43085
Horn W 32653
Horn Z 43451
Horne E H 20762
Horne H W Jr 49482
Horne R W 3494
25863
Horne W I 2270
Horner H L 47254
Horner T 52698
Hornet T 47413
Hornick E J 12699
Horning E S 26002
Hornowski M J 43255
Hornsey S 19701
Hornstein F X von 43832
Hornstein L 51052
Horstrich J 22970
Hornung H 39799
Hornung M 20738
Hornykiewicz O 45967
48229
Hornykiewytsch T 9978
10014
10286
Horodniceanu T 34059
Horodyski B 33748
Horonick A 1786
Horoschak A 49002
Horovitz Z P 16701
Horowicz P 5469
Horowitz J 40515
Horowitz S L 546
Horridge G A 17982
Horrigan P J 21026
Horrilleno E S 7990
Horrocks J E 5126
Horst L van der 15814
Horst L van der 43057
46687
49621
Horst M 29983
Horst W 9975
26184
Horst-Oosterhuis C J van der 24093
Horster F A 12081
Horster J A 49074
Horstman H A Jr 35901
Horstmann D M 3174
Hort H 45789
Hort J 47545
Hort W 45789
Horta J Da S 3699
4797
Horta U 50083
Hortling H 35189

# CURRENT LIST of MEDICAL LITERATURE

Hortling H 54646
Hortolomei N 9245 9480 42449 43990 43993
Horton C E 20399
Horton G E 24990 28287
Horton H R 49265
Horton L L 504 54399
Horton R E 10684
Horton W G 4802
Horvat A 10913 20569
Horvath A 3439 52884
Horváth B 30284
Horvath E 6592 7706 23763 23772 41613 49126
Horváth F 29165 39378
Horvath G 27845 49366
Horváth I 23778 30286 52370 52894
Horváth L 39747 43434 49813
Horváth S 11192 23762
Horvath S M 495 47137
Horwich L 14295
Horwith M 1237
Horwitt M K 753 4424
Horwitz A 43701
Horwitz B 15948
Horwitz H 37631
Horwitz O 35728
Hosain F 50020
Hosemann H 42359
Hoshi T 16799 22252 22254
Hoshika T 16445
Hoshino H 33885
Hoshizima H 39450
Hosier D M 159 51157 52623
Hoske H 20609
Hoskins D D 18374
Hoskins J I 20378
Hoskins J M 10204
Hoskinson G 47039
Hosoda T 20725
Hosokawa S 49662
Hosotte A 429 35614
Hosp P H 42153
Hospes D 127
Hossli G 9522
Hossne W S 53846
Hostaš K 48651
Hoste J 51059
Hosty T S 12790
Hotchin J E 45830
Hotchkiss R D 10199
Hotchkiss R S 6490
Hotta Y 3492
Hottinger A 4216
Hotz H W 9532
Hou C S 2845
Hou H 35243 35244
Hou T 38411
Hou T C 38385
Houchin D N 25929
Houchin O B 38562
Houck J C 4674 42046 54660
Houcke E 3622 36685
Houdart R 9128 27344 54106 54107
Houde R W 13456
Houdinière A 26348
Houël E 26222 26225
Houel J 24261
Houel J E 9664
Houël J E 23736 26261
Hougardy 1332
Hougardy A 25396
Hougen F W 2568
Houget J 37851
Hough J V 6226A
Houghton P B 7167
Hougie C 46432
Hougs W 23540 23987 23988 23997
Hou-Hio-Hi 50361
Houk A E 4555 4569
Houli J 16130 18823 21025 44792 51645
Houliaras K 4791
Houlné P 9665 29137
Houot R 47374
Hour H d' 50556
Hourlay-Stassart C 47032
Hourmouziadis A N 22301
House A S 28659
House B J 2839 17095 24462 24463
House E L 3427
House H L 27424
House H P 6228 13290
House L R 6233
House W F 6228
Housebye K O 29753
Houser T S 16347
Housewright R D 28216
Houska O 14818
Housley J R 41314
Houssa P 31892
Houssay A B 44423
Houssay B 8220
Houssay B A 8979 8991 26723 44592 44598
Housser B L 23331
Housset E 7094 7106
Housset E 32914
Houšťék J 14863
Houston M 26984
Houth P J 22422
Houts D C 27922 40028
Houtz S J 50377
Houwink R H 52545 52546
Hoványi M 52880
Hoveid P 22236 45421
Hovey F M 4105 16166
Hovorka E J 50487 50488
Howanietz L F 11348
Howard A 33011
Howard A H 30937
Howard A N 1639 2086 13715
Howard B 16827 19477
Howard E 47110
Howard H S 3185
Howard J 38722
Howard J E 10432 17030 33051
Howard J G 4155 40066
Howard J L 48777
Howard J M 16676 22003
Howard J T 32902
Howard J W 14128 14129
Howard R 42099
Howard R B 20509 52148
Howard R C 51330
Howard R P 17028 35787
Howard S A 14745
Howard W 40740
Howard-Flanders P 20925
Howarth C I 19643
Howarth J V 28624 44030
Howarth S 39287
Howat M G 5019
Howatt W 45568
Howden H F 23326
Howe A 50527
Howe C 33069
Howe C D 14752
Howel-Evans W 8492
Howell A Jr 4727
Howell C D 47137
Howell C M Jr 19967
Howell H W 4574
Howell J 12790
Howell J B 32908 34852 50646
Howell J M 24645
Howell J S 51285
Howell T H 43789
Howell T S Jr 12834
Howells W V 12767 44090
Howie B 41856
Howkins J 53286
Howland J W 5007
Howland J W 11549 20927 31282
Howland W J Jr 53722
Howland W S 40319
Howorka K 20323 53093
Howorth B 47774
Howson J Y 46753
Hoxie J 16629
Hoyer H 42380
Hoyle G 17973 17974 17975
Hoyt H H 33061
Hoyt R E 11752 27544
Hoyt S 11591
Hoyt W F 23434
Hoyte D A 16796
Hozay J 35235
Hraba T 47545
Hrabáně J 44867 44868
Hradcová L 14849
Hradec E 11333 33446
Hradec J 34172 48625
Hradil F 38233
Hranilović A 45908
Hrdina R 42399
Hrdlička M 33957
Hren M 24431
Hribalova V 47421
Hrisoho D 51715
Hroboni T 43693
Hromada J 23546 26558 48629
Hrstka V 30020
Hrubešova M 52386
Hruška V 14884
Hruza Z 38202 38203 38257 38258 48447
Hrycko-Śpiochowa M 20193
Hryniewicz H 31516
Hryniewiecki J 20427 20432 30832 30845
Hsia D Y 29851
Hsia D Y Y 4872 5379 20267 23510 34986
Hsia S L 40406
Hsia T F 38404
Hsia Y 11694
Hsiang C M 2868
Hsiao S T 38374
Hsie J Y 36345
Hsieh S W 55768
Hsieh Y Y 9605
Hsien M S 2854
Hsing-Han L 43593
Hsiung G D 31411
Hsu I 7439
Hsu K C 16457
Hsu R 19520
Hsu T C 5431 45380
Hsu Y Y 55213
Hsü C F 2857
Hsü C Y 38378
Hsü H F 10473
Hsü H Y 21725
Hsü J H 38368
Hsü K 9607
Hsü M Y 38402
Hsü S Y L 10473
Hu C Y 2844
Hu H W 38370
Hu Y L 38407
Huang C H 9605
Huang C S 48681
Huang C W 2861
Huang H C 38384
Huang H T 28215
Huang I 29851
Huang N C 2865
Huang N N 25028
Huang S H 27322 50910
Huang T K 38416
Huang Y T 21727 24212
Huant E 54906
Huard P 3144 15229 26981
Hubáček J 52420
Hubach J C 12030
Hubacher O 13118
Hubay C A 10115
Hubbard B R 46878
Hubbard D 7425
Hubbard F G 19292
Hubbard J A 3523
Hubbard J P 36247 36248
Hubbard J W 4610 16771
Hubbard R 17320
Hubbard T F 46867
Hubbard W B 34923
Hubbell A O 20135
Hubbell H H 23337
Hubbell H H Jr 27793
Hubble R H 32868 35666
Hubel D H 687
Hubendick B 2461 2472 26397
Huber A 3939 14490
Huber E G 4026 30057
Huber H 46082
Huber J F 3030
Huber K 23549 27566 27568 45955 45986
Huber L 32303
Huber M 55620
Huber P 45942 45975 45977
Huberman E D 20639 31034
Hubert A 7133
Hubig W 46158
Hubinont P O 14330
Hubka M 30770
Hubl S 20448
Hubner H 28789
Huck R F 6998
Huckabee W E 17068 17069
Hucker H B 52368
Huckstep R L 6130
Hudcovič A 14807
Huddleston O L 8019 12431 14553
Hudelo A 13057
Hudenburg R 16234
Hudgins P C 561
Hudlická O 43006
Hudock J J 878
Hudon F 14567 14568
Hudon R A 14597
Hudson A J 24980
Hudson A L 48493
Hudson G 2064
Hudson L 29827
Hudson M T 2719
Hudson P B 14748 54727
Hudson R V 15058
Hudson V G 48501
Hudson W A 8283 30916
Hudson W F 8304
Hübener H J 49901 49912
Hueber E F 11000 22748 26507
Hübl P 46041
Hübner A 42886
Hübner B 29060 39075
Hübner G 37025
Hübner H 37752
Hübner J 38170 38172
Huebner R J 10872 21668 25109 32343 42999 53652
Hübner T 27185
Hübner W 39395 39416
Huebsch R F 17868 41249
Hübscher G 52348
Hueck O 7087 22201
Hückel H 24280 45953
Hückel W 47680
Hügin W 19154
Huehns E R 26128
Huels G 15779
Hülshoff T 19404
Hülskamp P 8186 53330
Huelsman C B 24577
Hüner H 2286 13640
Huennekens F M 16925
Hueper W C 7099 11592
Huerkamp B 28888
Hürlimann A 26479
Hürlimann A A 39573
Huerre M 36176
Hürzeler B 40766
Huestis D W 24404
Huet J A 9053
Huet M 37779
Huet P C 13074 13075

Huet P C 13076
Huet R 6425
Hüter K A 15981
32670
52209
Huster T F 23353
Hüttenrauch R 46159
Hütter R 15671
Huf E G 50567
Huff C B 1309
Huff R L 32691
Huffaker R H 50289
Huffman C F 1347
Huffman E K 4104
Huffman J W 7857
Huffman P J 160
Huffman W C 33017
Huffman W L 18156
Huffmann G 30548
Hufford A R 4441
Huffstadt A J 36867
47839
Hufnagel C A 27070
42503
Hufschmidt H J 27170 30519 30565 39038 49118
Huftalen J B 25001
Hug G 16361
Hug O 9961
14419
Hugan C C Jr 39933
Hugelin A 34834
41332
Huggenberg H R 27698
Huggert A 23885
35079
Huggett M 26440
Huggins C 8635
40811
41764
Huggins D R 6485
Huggins R A 12494
12495
35801
Hugh-Jones K 20709
36540
Hugh-Jones P 22283
Hughes A 16782
51032
Hughes A M 51922
Hughes C 13724
50494
Hughes C R 31634
Hughes C W 25046 32723 40609 45548 51955
Hughes D E 48303
48976
Hughes E S 6465
Hughes F W 3482
Hughes G 1593
Hughes H G 14577
14584
14589
Hughes I 665
Hughes I A 46459
Hughes J 1282
27256
31949
Hughes J H 44272
Hughes J P 48186
Hughes J T 31427
Hughes K E 7038 12304 18404 18405 41431
Hughes L 33059
51529
Hughes L E 31387
Hughes M H 10475
Hughes P 35181
Hughes P E 13666
Hughes W H 2160
Hughes W J 54418
Hughes W L 105
33025
46462
Hughes Jones N C 10963
Hughes-Schrader S 26603
Hughesdon P E 5563
Hughesdon P E 17832
50976
Hugo Boverini A 43861
Hugonnier R 26368
Hugonot R 6387
8251
Hugot D 48020
48037
Hugou M P 53906
Huguenard P 12993
47326
Hugues J 25834
40133
Huguet F 48811
Huguet R 19350
Huguier J 27705
Huhn A 39005
Huhti E 276
Huignard C 3063
Huis in 't Veld L G 15798
35083
43028
Huitema H 29849
Huitric A C 50268
Huizenga K A 49703
Huizing H C 35324
Huizinga H 23273
23274
Huizinga J 49762
Hukae H 26892
Huković S 39261
Hulcher F H 40443
40444
Hulea A 21744
Hulicka I M 4946
Hulka A 30032
Hull E 2895
Hull R N 24422
Hullay J 4131
23796
23801
23803
Hulme G W 46062
Hulse E V 2130
14124
Hulse F V 5694
Hulse S H Jr 5026
Hulse W C 52661
Hulse W F 48193
Hulshoff Pol D J 15992
Hulskamp P 37276
Hulst L A 7309
38816
39069
Hult H 43237
Hultborn K A 45340
Hultengren N 11890
23697
Hultgren H 1243
Hultgren H N 14983
Hulth A 35281A
46660
Hultin J V 5
Hultin T 39283
42981
Hultman E 52388
Hultman H 757
Hultquist G 312
Hultquist G T 7158
Hulubei P 47471
Humbert P 20519
51444
Humbert R 41391
54074
Humbert-Mage E 6350
Humblet L 48927
48928
Hume R 54434
Hume W I Jr 5251
Hummel B 11384
Hummel J 28357
Hummel J A 17998
Hummel J P 4773
4774
38555
Hummel K 22999
Hummel K P 17273
43532
Hummeler K 10876
40905
Hummer E 46837
Hummon I F 31637
35853
35854
Humoller F L 46448
Humperdinck K 18974
Humphrey H A 17047
Humphrey J G 4841
Humphrey J H 13725
14093
52386
Humphrey T 1482
Humphrey T L 8019
53109
Humphreys C F 11801
Humphreys G H II 18128
Humphreys G H III 52666
Humphreys G K 47693
Humphreys S R 5434
48580
Humphries A W 16967
23500
30927
54672
Humphries J C 1301
17476
Humphries J W 50538
Humphries O 50837
Hund A 25323
Hundeshagen H 10002
10003
10004
Hundt H J 34181
34182
Hungate C P 40321
Hunger G 6761
Hungerford G F 31429
Hungerford M J 16673
Hungerland H 41760
Hunhammar K 35113
Hunka R 14851
Hunkel-Trees D 49927
Hunnebelle G 21584
Hunt A 31260
51918
Hunt A B 2985
38570
Hunt B M 46978
Hunt B R 26421
Hunt C C 17958
Hunt C J 40966
Hunt C L 48522
Hunt E 24479
Hunt E E Jr 721
Hunt G A 16887
25003
44961
Hunt G H 39561
Hunt H B 52467
Hunt H R 4643
17205
Hunt J 20641
Hunt J A 17719
Hunt M L 33664
Hunt R D 12877
Hunt R G 17138
17147
Hunt T 20568
Hunt T E 12941
Hunt W E 12710
Hunter A R 12856
14057
37537
Hunter C G 44301
Hunter D C Jr 2433
Hunter G 7138
Hunter G A 37742
Hunter G D 1646
Hunter G W 5276
Hunter I J 19657
52356
Hunter J E 3926
Hunter J S 44275
Hunter J S Jr 16579
Hunter M J 31415
Hunter P A 4719
Hunter R A 37602
Hunter R B 25833
Hunter R C Jr 22476
Hunter R M 635
Hunter S H 9614
Hunter W C 652
52772
Huntington R W 40288
Huntley J D 8305
Huntoon M 51907
Huntsman D B 46911
54837
Hunziker F 30596
Hunziker H 9544
Hunziker N 23531
38852
Huo K T 11488
Huo S C 38406
Huot J 5316
Huot L 36602
36603
Hupe K 3504
45794
Hupka K 22827
26501
55546
Huppert J 7225
10204
15066
Huppert M 6066
50644
50645
Huppert V F 28120
Huppertz A 3606
Huppertz J 11343
Hureau M L 1063
Hurel R 53987
Hurel-Py G 26813
Huret 38777
Hurez A 25451
Huriet C 8251
54039
54055
Huriez C 6368 9132 37875 37876 54475
Hurlbert R B 13818
Hurlbut C 82
Hurley C T 28106
Hurley H J 2045
17520
41003
Hurley H J Jr 39928
Hurley L S 41225
Hurley M P 49803
Hurley N 29537
Hurlock B 13822
16909
Hurmuzache F 31134
Hurni H 16375
30602
30604
Huron 1470
Hurpin B 3070
48833
Hursh J B 23347
Hurst G S 23334
23338
27792
27795
Hurst I J 54545
Hurst J W 7425
14969
27086
Hurst L 26802
Hurst L A 32486
Hurst R O 2543
2544
14615
26409
Hurtado E 21157
44556
Hurtado F 45096
Hurwitt E S 2894
18122
46509
Hurwitz C 40448
Hurwitz H M 26085
Hurwitz R E 7867
Hurworth E 1776
Hurxthal L M 51317
Hurynowicz J 53220
Husa W J 16697
16698
16699
Husain O A 1417
37732
Husár I 44211
Huse M M 19789
Huseby R A 46367
Husebye K O 23363
Husmark E 54490
Husom O 10314
Hussarek M 22777
Hussels H 12091
34465
Hussey C V 17822
Husslein H 22756
22798
33963
Husslein H (Mme) 15186
Hueson M 19356
Husson R 14448
Hustin A 9513
21589
Huston J 18036
Huszák I 44201
46049
Hut M 36867
Hutás I 20164
Hutch J A 33125
Hutcheson R H 18110
51153
Hutchinson B 15260
Hutchinson D L 10123
Hutchinson F 42953
Hutchinson J T 20487
Hutchinson M E 12379
Hutchinson W B 19978
Hutchison C A III 40445
Hutchison J G 28996
Hutchison W M 50998
Hutet G 28491
Huth C 50054
Huth E 42400
42863
Huth E F 35576
51835
Huth J 2284
55710
Hutschenreuter K 6733
29028
Hutsebaut A 36517
36526
36527
Hutt B K 495
Hutt M P 33048
Hutt M S 2140
37732
Hutter F 52697
Hutter R C 48699
Hutter R V 48540
Hutterer F 5407
Huttmann A 55554
Hutton A M 20347
Hutton E M 5555
Hutton R F 5610
51006
Hutton W E 24407
Huuhtanen A 49210
Huus I 1577
Huxley A F 51089
51090
Huxley H E 32360
Huygelen C 14427
36194
Huynh V A 26846
Huysmans J 24884
Huzly A 45457

Hvidberg E 23995
24000
24003
Hyatt E C 46418
Hyatt G W 6505
Hyatt R E 16811
Hybbinette R 32906
Hybi M 43091
Hyde H van Z 35935
Hyde J S 4141
21022
Hyde L 24730
35715
42078
Hydén H 5491
15690
19524
Hyland H H 24980
34895
Hyllested K 35430
Hyman A 46870
Hyman A B 20063
Hyman A L 50196
Hyman C 46507
Hyman G A 11705
Hyman M 40712
40744
Hyman M A 12278
Hyman R M 18153
Hymes L 4579
Hynes H B 25071
Hynes W 41054
Hyslop N S 5629
Hytten F E 50970
Iablonskii G A 22537
Iacob A 31133
Iacobellis M 12544
Iacobucci A P 16726
50267
Iacono J M 8022
Iacovou A X 53406
Iafusco F 20223
Iagnov S 36624
Iagodkina N I 45118
Iagovoi P N 45892
Iakimenko T M 43559
Iakobson L M 36370
Iakovenko G M 49792
Iakovlev A A 33518
Iakovlev A M 11482
Iakovlev M V 37181
37203
Iakovlev V A 37142
Iakovlev V G 51751
Iakovleva A A 45169
Iakovleva I Ia 45727
55237
Iakovleva Z I 34760
Iakovlevna L A 25734
Iakubenko A V 10884
Iakubova E N 45197
Iampietro P F 6746
Iampietro P F 23301
Iampol'skaia M Ia 51223
Iampol'skii A S 52986
Iancu 31135
Iancu A 25446
25467
Iancu L 9473
Ianev P 45308
Ianeva T 20297
Iankilevich T Ia 46320
Iankov I 28756
Iankovskii V A 41557
Iannaccone A 19475
39357
40806
Iannaccone G 9307
39380
Iannarone M 16692
Ianniello J A 8718
9703
44393
Ianovitskii M G 31230
Ianovskaia L M 31202
Ianovskii D N 6023
Ianovskii Ia M 45855
Ianush I M 49565
Iarcho A 39111
Iarchuk N I 45684
Iarmolenko L I 19112
Iaroshevskii A Ia 13848
Iaroslavskii A P 45720
45738
55217
Iarosyk L I 29551
Iarotskaia V P 33580
Iarovoi L V 7896
Iartseva A M 32899
Iarygin N E 6040
Iasinskii E E 28826
Iatsenko K R 45230
Iatsenko K S 18897
Iatsenko T B 46828
Iavel'berg G I 33636
Iavrumov V A 49795
Ibáñez E 21174
Ibanez R 24348
Ibarra J P 4071
Ibbu G 52066
Ibbertson H K 20699
Ibel E 25822
Iber F L 4877
Ibiapina A 53880
Ibragimov F I 49440
Ibragimova V S 22514
49440
Ibsen A 10612
Ibsen B 10622
30212
52727
Ibsen K H 37103
Ichelson R R 46922
Ichihashi H 40426
Ichii S 49668
Ichikawa T 25023
Ichikawa Y 4344
40930
Ichim V 28675
46762
Ichinkhoroloo V 51172
Ichinose H 26474
Idal'chik Kh I 33497
Idbohrn H 35440
Ideda K 44969
Idestrŏm C M 54832
Idlina A G 7934
Idsŏe O 26385
Ierodiakonou C S 5503
Ieta T 20110
Ievleva E A 22496
Igel L 52828
Igert C 36134
Iglauer A 30132
Iglauer E 15363
32659
Iglesias R 29872
Igna E J 13214
Igna M 6583
Ignat'eva G M 55176
Ignatoff W B 4571
Ignatovich Z A 3812
Ignatowska H 30739
Igumnov A I 9871
Ihaliotis S 27735
Ihjima S 20117
20118
Ihm P 34057
Ihrig J 47270
Iida H 4341
40203
Iida S 52419
Iida T 4339
4347
Iijima S 47907
Iizuka T 4338
Ijzerman A 52551
Ikai K 50647
Ikari N 50600
Ikawa M 28263
40520
40521
47700
Ikebe I 12195
Ikeda M 435
Ikeda T 5903
Ikegami H 18173
18174
Ikegami M 18174
Ikejiani O 10973
Ikekawa N 2812 2813 14917 14918 14919
Ikenberry M L 40345
Ikeya J 39460
Ikezaki F M 17558
Ikin E W 14202
14319
Ikkala E 24867
27276
Ikkos D 2906 3248 15631 35133 39055
Ikle A 24132
44637
Ikonomov I 28734
28762
Ilbery P L 10487
Il'chenko A A 55792
Ilea V V 9469
Il'enko A I 18886
Il'enkov S I 45688
Iliescu M 19454
Iliakis K 27149
Ilias J 17650
Il'iash 43544
Ilić M 21938
21944
Ilić S 38864
Il'ichev V S 55817
Ilie N 43989
Iliesco C 26493
Iliescu C 6589
Iliescu C C 43995
43997
43999
Iliesku K 32882
Ilina W N 46124
Il'in A A 20278
Il'in I I 1743
22507
37174
Il'ina A I 15761
Il'ina L I 51752
Il'ina-Kakueva E I 37219
Il'inskaia O V 33217
Il'inskaia S A 36352
Il'inskii D A 49571
Il'inskii P I 10804
Ilizastigui Dupuy F 13549
Ilker H G 19432
Ilkov T 32744
Illanes A 21198
53964
Illichmann-Christ A 27145
Illera M 26848
Illert H 25288
Illés G 30037
Illes J 17000
Illey J 3430
Illge A 49820
Illig K 46576
Illig L 10329
Illing G 25536
25543
Illyés T 52920
Illyés Z 11145
Illyés Z 45971
Ilovaiskaia K S 46810
Imaeda T 16351
46653
50027
Imagawa Y 40425
Imaginário J da G 23738
Imai K 18163
18164
Imamaliev A S 43411
Imamoglu K 21998
Imamura H 22255
Imamura Y 19790
Imbert J 35608
35609
Imbert R 18010
41411
Imbriano A E 9697
21771
Imdahl H 29017
48356
Imerlishvili I A 33300
33301
33302
Imfeld H 33123
Imhof J W 7288
52488
Imhof P 26479
39573
Imhoff J W 7289
Immers J 39284
Imo K 19010
Imparato E 8606
53773
Imperati L 25548
Imperato A A 15036
Imperato C 39905
41903
Imre V 22864
Imshenetskii A A 19099
19129
33148
Imus H A 47539
Inaba M 15578
Inaba Y 4335
Inada T 45592
Inagaki S 26729
İnceman Ş 22373
32190
Inch R S 2259
Inch W R 14604
35451
Inclán Bolado J L 1545
13535
Incze G 48073
Incze P 23771
Incze P (Mrs) 7714
Indelli G 52074
Indemans A W 53090
Indovina D 27440
52095
Indovina I 37387 37388 37477 37478 42524 42629
Inesi G 25594
Infante R 37319
37321
37320
Infante Miranda F 21102
Infante Miranda R 8794
21102
44481
53913
Infantellina F 36801
Infranzi A 21419 39679 44339 51369 53772 53784
Infuso L 19247
32472
37433
54101
Ing H R 29856
Ingalls E G 6963
Ingalls T H 7435
30115
Ingbar S H 3178
17070
49250
Ingber E 31618
Ingberg B 35325
Ingelfinger F J 20340
27095
46913
50459
Ingelman-Sundberg A 23825 23826 23827 50978 54812
Ingels G W 17858
Ingelstedt S 36269
Ingersoll F M 17037
17038
Ingersoll R L 17913
Ingham H V 54628
Inghe G 24086
Inghirami L 32473
Ingiulla W 9401
Ingle D J 49261
49457
Ingle J I 4407
Ingleby H 50119
Ingles T 12369
42032
Inglese R 39859
Inglesi J J 43866
Inglis D 24586
Inglis F G 37998
47586
Inglis J M 48164
Inglis W G 5137
Ingraham H S 24637
Ingraham J S 31433
Ingraham S C II 24152
Ingram D L 17233
Ingram I M 17739
Ingram P L 44032
Ingram P R 18126
Ingram R C 20141

Ingram R F 37967
Ingram V M 8298
Ingul'skaia I I 18871
Inguscio L 13657
Ink J 9754 9757 21765 21766 21768 21796 43850
Inkley S R 14967
Inman J K 50464
Inman W S 40159
Inmon T W 12211
Innammorti G 38544
Innes I R 17946 41284
Innes J R 50033
Inness-Brown H A 35983
Innocenti E 42635
Innocenti P F 29702
Inogamov A B 9886
Inokuchi K 23493
Inokuchi T 35296 47292
Inoue S 14899 14900 14901 14902 14903 14904 15587 16807 16808 35296 50996 52315 54410
Inoue T 13327 13328
Inoue Y 40429 40430
Inouye Y 1344
Insausti T 31012 44399
Inscoe J K 5737
Insinna S 1099
Insull W Jr 31359 51337
Intonti R 37292
Introzzi A S 37281
Introzzi P 9594 9598
Introzzi P 21644
Invernizzi F 13931 44826
Inwood J M 17712
Inza R 7573 7575 9749 32448
Ioachim H 35886 55709
Ioakim G 41497
Ioannou J 32054
Ioffe I L 54557
Iofrío A 22269
Ion G I 11859
Iona E 42486
Ionchev L 32829
Ionchev V 32776
Ionesco G 53248
Ionescu H 9462
Ionescu L 54943
Ionescu V 6581
Ionescu-Bujor C 44001
Ionova I A 43550
Iontov A S 47878
Iordanov B 32735
Iordanov E 41589
Iordanov I 28722 45667
Iordanova E 16423 32782
Iori M 3906
Iorio A 39103
Iosivchev A 28745
Iota C 31123 44010
Iotkov K 32819
Iovine J R 31029
Iovino M G 30666
Iparraguirre J 15486
Iparraguirre J G 12995 27208 27236 39113
Ipata P L 1862
Ipata P L 37361 37362 49323
Ipp H 32507
Ippen H 51279
Ippen R 37012
Ippolito C 24682
Irani R J 15668 49357
Irányi M 24028 24030 41631
Iraola L 6601
Irastorza J F 36852
Ird E A 55322
Ireland R L 16529
Ireton R J 16981
Irger I M 46317
Iriarte M 1553
Irie M 14930
Irie S 35645
Irlin Sh P 34626
Irmer W 22197 46200
Irmscher A 11455 33951
Irmscher G W 12717
Irmscher K 13637 25889
Irons G V Jr 7441
Irons R P 55282
Ironside W 771
Ironside W M 30928 50215
Irro F 11121
Irro F 46188
Irvin C W Jr 18086
Irvin E A 16336
Irvine A H 48519
Irvine K A 37680
Irvine K N 14229 26014
Irvine W T 12519
Irwin C E 21854
Irwin J V 5841 5842
Irwin J W 13291
Irwin O C 5844 5845
Irwin T O 51887
Irwin W A 6494
Isaac P K 32619
Isaac W 17081
Isaacs A 2777 14091 14092 19634 48232
Isaacs A J 53107
Isaacs A M 33086
Isaacs H 9824 48333
Isaacs J P 14342
Isaacs K S 53643
Isaacs N 47214
Isaacson J 19091
Isaacson L C 51326
Isacson L 10153
Isaev L M 51733
Isaev P O 21912
Isakov Iu F 20280 45627
Isaksson B 32243
Isaksson D 54790
Isalberti L 6929
Isard H J 50120
Isasi E J 12997
Isbell H 34892 41281
Iscaki S 26850
Isch F 54110
Isch-Treussard C 54078
Ischimowa L I 24312
Iselin B M 47719
Iselin M 20693
Isémein L 9654 44778 44779
Isenberg H D 1294 41257
Isenhour A P 18107
Isenstead J H 24417
Ishak K G 4963 46904
Ishchenko Z G 10837
Isherwood I 49933
Isherwood J E 44141
Ishibashi S 2817
Ishibashi T 40426
Ishida K 20114
Ishida N 10396
Ishidate M 14923 14925
Ishihara H 29809
Ishihara K 12195
Ishihara S 16804
Ishii A 3603
Ishii J 49239
Ishii K 1375 40425
Ishii S 4335 4336
Ishii Y 33883
Ishikawa Y 10391 29040 29041
Ishimi Z 435
Ishimitsu K 11107
Ishimoto N 19606
Ishimova L M 48004 52946 52964
Ishimova L M 55757
Ishizaka K 50528
Ishizaka T 50528
Ishizaki T 24306 40204
Isik K 15541
Ising U 23980
Iskandar N 28319
Iskhakova L A 45643
Iskierko J 29508
Iskrant A P 20902
Isler H 41181
Isler U 26486 51777 51780
Isler W 54083
Isley J K 35850
Isley J K Jr 27545
Isliker H 27846 39869
Ismajovich B 7591
Isojima S 44972
Isola J A 8206
Isomäki A M 27272
Isono T 10392
Isorni P 1466
Israël A 27715
Israel H 9462
Israel H L 11634 46408 47221
Israel L 14086 27024 48413
Israel R 21379
Israel R 28363 28373
Israel S 24140 49478
Israel S L 3020 20091 27786 38581
Israel-Assellain R 50558
Israeli E 16402
Israeli N 40862 40863
Israeli S 16087
Israels L G 2547
Israels S 38047
Issa D 42035
Issaac-Mathy M 39356
Issekutz B 29183
Isselbacher K 49713
Isselbacher K J 13778 53263
Isselhard W 25889
Issert P 2489
Isshiki T 14923
Istin J 5326
Istomina A G 6647
Istrai C d' 30475
István L 7698
Ivaneski M 4003 9966
Izsak F C 40993
Itagaki S 22258
Italiani S 43906
Italiano P 9391
Itano H A 13755
Ithier S 47752
Itkin S E 17016
Ito E 4334 19606
Ito H 37084
Ito I 22259
Ito J 16452 16458
Ito K 11226
Ito N 39452
Itō T 16807 16808
Ito Y 2817 15585 16805 18169 28689 49231 49232 49237 49240 49241 49242
Itoi M 4344
el-Itribi A 28315
Itsigin B Sh 45897
Ittrich G 27902
Iturrios T 43906
Iturriza F C 25663
Iudaev N A 10937
Iudin Iu G 55337
Iudov N N 55238
Iufarkina N I 41519
Iufit S E 41510
Iuliani G 9306
Iumatova N A 51227
Iunitskaia V I 10718
Iurato S 13505
Iurchenko M Z 48038
Iur'evskii S G 12165
Iurkina M S 41580
Iusevich Iu S 46349
Iuzhina E I 19124
Ivakina K N 28829
Ivaldi G 1939 1986 1987 1988 1989 26326 37398
Ivančo I 30255 38256
Ivanichenko G A 10829
Ivanitskaia E P 10821
Ivanitskaia L P 19112
Ivanitskaia M A 10787
Ivanitskii A M 1746 13069 37213
Ivan'kovich F A 51187
Ivanov A Ia 33213 33214 33316 33277
Ivanov D 41928
Ivanov G 28708
Ivanov G A 32765
Ivanov I I 33567 51751
Ivanov Iu N 21907 49559
Ivanov K S 22611
Ivanov N 32800
Ivanov N A 21901 41696
Ivanov R 28770
Ivanov S 16406 32803
Ivanov S S 32551
Ivanov V 32818 44207
Ivanov V I 22651
Ivanova G A 39338
Ivanova L I 45777
Ivanova L K 55761 55762
Ivanova L M 18885
Ivanova L N 3405
Ivanova M G 45147
Ivanova N K 22496
Ivanova N M 31170
Ivanova N S 34921
Ivanova T M 1725
Ivanova V F 33297 33298
Ivanova-Neznamova A Iu 28828

Ivanović D 9943
Ivanovici F 23185
Ivánovics G 17315
29171
54873
Ivanovskaia T E 25746
36880
Ivanyi F 7363
Iványi J 22899
Ivemark B 11898
43248
Ivemark B I 128
129
35351
Iversen H G 23976
25999
Iversen K 4459
43179
Iversen M 22405
41962
41966
Iversen O 44902
Iversen O H 45427
Iversen S 3518
Iverson M 16341
Iverson R M 3520
Ives R L 54407
Ivey E P 12638
47192
50232
Ivey W D 54403
Ivic M 5767
Ivy A C 12520
12521
12577
12578
Ivy R H 53122
Iwahara S 4346
46873
Iwainsky H 23164
25790
34358
Iwaki S 31921
Iwama K 39370
Iwańczuk I 30395 33732 33741 33742 33792 33793
Iwanowska J 24064
Iwasaki M 15578
Iwasaki T 33885
Iwasawa H 15579
15580
Iwata S 22070
Iwatsubo M 26782
48933
Iyer C G 16307
Iyer G Y 4176
Iyer S N 1346
Izakson Kh A 10729
Izant R G Jr 5931
Izar G 2977 13655 21425 32085 36783 42699 52100
Izard C 38674
Izard J 32369
Izard M 48477
Izard Y 53381
Izarn P 19348
30450
30459
47325
Izbický A 38166
Izbinskii A L 10741
Izikowitz S 22129
Izmirli N H 22372
Izotov I P 18202
Izotov P V 34626
Izotov V K 22697
Izquierdo I 8980
8985
26714
26718
Izquierdo J J 3676
39443
Izquierdo Ruiz J M 21117
31814
53905
Izrael S 45301
Izrailev M I 33610
Izrail'skaia N M 32543
Izzedine A 8845
Jaag O 14412
Jabbour J T 34989
Jablokow V R 17483
Jablonski M 9492
9493
38105
Jabłońska S 31505
44181
53137
Jabonero V 23815
46628
46649
Jabour J 16141
Jacas R 35418
Jaccottet H 43818
Jaccottet M 16376
Jach S 30720
30742
Jacherts D 55495
Jack G D 51343
Jackler J M 5310
Jackman R J 22079
Jackson A 1156
15543
Jackson A D 41830
Jackson A L 31350
Jackson A S 11065
Jackson A W 2557
2559
2562
Jackson B 9802
Jackson B 21821
26436
Jackson C A 5867
Jackson C C 45818
Jackson C E 13158
Jackson C L 23506
36285
Jackson D 17889
20596
Jackson D A 34962
54697
Jackson D C 6461
18735
Jackson D D 31547
Jackson D N 17149
Jackson D P 44134
Jackson D S 19865
Jackson F C 40326
Jackson F I 54514
Jackson F L 19521
40769
Jackson G G 20557
43136
Jackson H 17285
44045
Jackson H A 22729
45917
Jackson H R 4404
Jackson H T 51146
Jackson J 50902
Jackson J F 49297
Jackson J L 50726
Jackson J R 12466
Jackson K 54663
Jackson L 36342
Jackson L N 20552
Jackson R 2624 14054 14077 14692 16935 25428
Jackson R B 28524
Jackson R C 53522
Jackson R L 4452
Jackson R M 17313
Jackson R W 1313
25159
Jackson S F 40596
Jackson W P 4788
27245
38147
48594
Jacob D 7378
44612
Jacob F 3049
10201
36079
47382
Jacob G 15383
35601
Jacob H 25385
27173
34027
Jacob J 3052
Jacob J 15669
32912
39250
Jacob K O 6078
Jacob P 21272
41382
Jacob S W 10496
22321
Jacob W 49132
Jacobelli A 8047
54235
Jacobelli G 26308
Jacobelli Turi C 53815
53816
Jacobi H 25881
29917
29918
29919
Jacobi H P 1351
Jacobi J 19432
Jacobs A 26038
37661
46440
Jacobs A G 38488
Jacobs A L 8109
Jacobs C F 15544
Jacobs D 49611
Jacobs E 35151
Jacobs E H 20487
Jacobs E M 27253
48540
Jacobs G 3352
Jacobs G B 19808
Jacobs J 26013
34998
Jacobs J E 16972
Jacobs L 892
24568
24569
Jacobs L G 8568
Jacobs P H 50174
Jacobs S 1273
5709
52450
Jacobs W M 20090
52834
Jacobsen E 9570
22440
Jacobsen E M 8534
Jacobsen H H 35430
Jacobsohn D 53470
Jacobson A 53606
Jacobson B 29004
32347
45365
Jacobson E 40273
Jacobson F M 24459
Jacobson F N 53618
Jacobson G 8570
12666
Jacobson H A 4430
Jacobson H G 66 12658 12687 24653 31642
Jacobson J 39790
Jacobson J H 24565
Jacobson K H 33
34863
Jacobson L E 35857
Jacobson L O 1147
5257
Jacobson M 9785A
Jacobson P 868
22573
Jacobson S A 40612
Jacoby J 28137
Jacoby M G 7467
15563
Jacobziner H 7470 12405 19887 19907 19919 20263 30158 30180 52669
Jaconia D 24316
Jacono A 500
24353
Jacotot H 47410
Jacouton 28369
Jacouton R 32058
Jacovella G 2980
20814
36210
38553
Jacox H W 10133
Jacox R 26291
Jacqueline F 47393
47394
47896
Jacquemet L 18554
Jacquemet L R 36630
Jacquemet P 41400
51877
Jacquemin C 15088 26826 29234 51490 51491
Jacquemin P 24293
Jacquemotte-Louis M 26293
Jacques A 14567
14568
Jacques J 26307
Jacques R 20357
Jacquez J A 44089
54405
Jacquot A 31966
Jacquot R 24876
38682
38693
48817
Jacquot-Armand Y 21295
21296
Jacyna K 20468
Jacyna-Onyszkiewicz T 20437
30698
Jacyszyn K 8088
Jadassohn W 11554
15667
Jadassohn W 39812
Jadin J 1077
Jadot R 46618
Jadresic A 53965
Jadrijević 29872
Jadrný J 30266
Jäkkeläinen V 24854
Jäämeri K E 36025
Jaeger D L 30646
Jaeger F 3237
Jäger G 25215
Jäger L 6739
Jaeger-Lee D 50795
Jähier H 34355
Jähnke G 49007
Jaekel H 34524
34525
Jaeneke G 23186
Jaenike J R 586
5259
33073
Jänner M 3988
Jännes J 24826
27286
Jaensch P A 26183
28887
28926
51268
Jaentsch P A 51276
Järnefelt J 53065
Järvinen K A 24864
27267
Järvinen P A 24851
36011
36023
36024
Jäykkä S 11997
Jaffé E R 4859
Jaffe H L 2521
17489
39556
Jaffe J 8393
11674
40374
53605
Jaffe J J 26461
Jaffe L F 27396
Jaffe M O 40269
Jaffe N B 6992
Jaffe R J 1125
Jaffiol C 21389
53418
Jagannathan C 5170
Jagdschian V 19445
Jagendorf A T 13805
Jagendorf B 35616
Jageneau A H 309
Jagiello G 49257
Jagla E 38357

Jaglarz W 30707
Jagoditsch T 22829
Jagt T 4459
Jahier C 30454
Jahier H 23736 24268 26217 26221 26222
Jahn D 42917
Jahn E 369
Jahn H 29893
Jahn U 13643
Jahn-Schwarz L 24787
Jahnke E J Jr 15536 18723 25046
Jahnz M 37564
Jaide W 31567
Jaller J W 2363 31457 40669 43712 50439
Jaimet C H 38027
Jaimovich L 38872
Jairala I E 9739
Jain G P 30372
Jakab I 47449 54879
Jakab L 29176
Jakab T 30288 30296 51431 55711
Jakabfi I 49824
Jakabffy D 43435
Jake R J 22036
Jäki G 24027
Jäki J 29019
Jakimowicz W 30075
Jakimowska K 53203
Jaklitsch H 18971 42342
Jaklovszky A 31143
Jakó F 34550
Jako G 13291
Jakob A 32650 45261
Jakobfeuerborn B 34111
Jakobovits A 49817 52883
Jakobson T 35129
Jakoby W B 4772
Jakoubek B 38112
Jakovljevic B 9057
Jakovljevic I M 53090
Jakubowicz K 44186
Jakubowski A 30710
Jakway J S 49513
Jalil J 578 53962
Jalil Mussa J 8916
Jamain B 7756 44633
Jamain C 37875
Jambor B 7978 7979
Jame 14356
James A M 19497
James A P 36336
James A T 13717 14198 24382 24396
James B M 17719
James B R 34904
James C C M 36538
James D G 22326
James D W 6546 41344 50306
James E 2167
James G A 18769
James J D 11936
James J I 4789
James K W 3666
James L R 52469
James L S 28143
James M 45002
James N R 42100
James P M 41427
James S P 37057
James T 9796
James T N 18130
James U 18392
James V 20358
James V E 16528
James W 21668 38609
James W D 1295
James W O 52309
James W T 17352
Jameson A G 9559
Jameson E 2686 38086
Jameson J L 18753
Jamieson J D 44133 48725
Jammet H 31979
Jammet M L 25442 25487 31078 31084 54139
Jampel R S 47046
Jampolsky A 663 24535 24558 46464 46465
Jampolsky L 11247
Jamra M 8735
Janbon M 19351 19355 31058 32049
Janches M 29343 44387
Jančík E 55078
Jancik G 46220
Janda J 55207
Janděsek L 14829
Jandl J H 50464
Janec J 11849
Janele J 38131
Janer del Valle C 8846 44488 53893
Janes D O 12585
Janes J M 31467
Janet J 39497
Janeway C A 43145 43155 43513 52617 52628
Janeway M 7455
Janews 52628
Jang R 1363 47955
Janiakowa A 6879 8065 8070 8102
Janíček B 26567
Janicki J 23583 23587 23588
Janicki K 8099
Janík A 2753 48644
Janin R 6356
Janisch H 22849 30605 49758
Janke J 47929
Janke O M 42847
Jankelson O M 524
Janker R 381 3249
Jankov M 27864
Janković B D 10969
Janković I 32614
Jankowiak J 30788 53186
Jankowicz E 30077 43633
Jankowski M 39628
Jankowski T 43659
Janků I 1440 36556
Janku U 39328
Jann G J 28225
Jannach J R 23520
Jannelli E 31766
Jannet E 10268
Janney G C 40393
Jannuzzi A 8788
Janny D 49641
Janot M 37770
Janot M M 1047 48805 54149
Janota O 38350
Janovics A 54500
Janovský M 14858 38268
Janowitz H 12291 526 569 49697
Janowsky O 49898
Jans W 29453
Jansen A 12088
Jansen A P 7228
Jansen E F 1363
Jansen H H 25817
Jansen J Jr 43212 45425
Jansen J J 49629
Jansen L 34149
Jansen L H 3758 3760 11569 37553 38858 43026 52482
Jansen M T 3510 27416
Jansen T G 23366
Jánský L 38214
Janson P 4037 11228 39960
Janssen M C 29984
Janssen M J 29821
Janssen P 39038
Janssen P A 309
Janssen P J 43080
Janssen S 30520 30553 30590
Janssen W 42873
Janssen W A 17480
Janssens J 29991 52506
Janssens P G 26776
Jansson B 22130
Jantsch H 46006
Jantsch M 45987
Jantsek G 20527
Jantz E M 5046
Jantzen A C 24531
Jantzen P M 34247
January L E 14966 28446 50171
Januszewicz W 53183
Januszkiewicz J 33694
Januszkiewicz S 53132
Janussko T 30905
Janvier H 47374
Janz D 7643
Japa J 30747
Japichino G 43337
Jaques E 21522
Jaques L B 9083 16847 22223
Jaques R 3479 47733
Jaqueti G 344
Jarabak J P 41248
Járai I 53088
Jarast E 21244
Jarbinet-Pañes D 9087
Jarcho L W 43
Jarcho S 499 2338 12266 24359
Jarczyk D 30736
Jard S 3043
Jardetzky C D 12536
Jardin C 6370
Jaria A 32148
Jarkowska M 20448
Jarkowski T L 15024 32865 35663
Jarlicht A D 16155
Jarman R 31272
Jarman T F 26019
Jarmer K 42396
Jarniou A P 9251 37913 43735
Jarniou P 24878
Jarnum S 10627 22412
Jarolím V 31799
Jaroňová L 14895
Jarosz Z 30766
Jaroszewski F 30824 30825
Jarpa A 8908
Jarrard L E 17078 17079
Jarret R 14389 47458
Jarrett A 2044 14085 48184
Jarrett B A 5679 29246
Jarrett T E 45553
Jarrett W 20134
Jarrett W F 20704
Jarrousse J 26233 26274 38810
Jarry J J 6349
Jart A 319
Jarvie H 6142
Jarvik J 20724
Jarvik M 8350
Jarvik M E 20724
Jarvis J 5223
Jarvis J 41008
Jarvis J F 17631 49217
Jarvis V 44247
Jarvis W 8413
Jasey G M 39925
Jasieńska A 30328
Jasieński J 20406
Jasieński S 53133
Jasińska S 20470
Jasinski B 16385
Jasiński B 54351
Jasiński K 30784 30793 30828 53158
Jasiński Z 20452 46769
Jasmin G 22727
Jasmin R 44114 50260
Jaso E 44535
Jasper H H 39187
Jasper R L 12532
Jaspers K 41752
Jassin A 7583
Jatho K 36444
Jatzkewitz H 26987 27900
Jauerneck A 23046
Jaujard H G 9219
Jaulin J 53435
Jaulmes 7075
Jaulmes B 36670 54303
Jaulmes C 3035 15097 38717
Jauneau A 14385 14386
Jauregui J J 14471
Jaurola A 35190
Javal I 25104
Javalet A 31995
Javaloyes Y Gonzáles J 13910
Javelaud G 55097
Javert C T 14400 20089
Javid H 1246 17921 46517
Javid M 5524
Jávor T 11168 15940
Jawetz E 16096 30111 46430 47025
Jawetz M J M 10503
Jaworska M 53154

Jaworski J 7769
Jaxtheimer H 10015
Jay A N 12372
Jay J M 1308
Jay M 35455
Jayewardene L G 37699
Jayle M F 9022 26345 32390 35118
Jayme G 6761
Jaymond P 37114
Jayot R 15116
Jazienicki B 30830 30831 30832
Jazieniecki B 30730
Jazykow D K 38461
Jean R 16372 21750 25444 30450 30459 51501
Jean-Lo Y T 28374
Jeandin F 9098
Jeanes A L 27032 48135
Jeanloz R W 35546 49461
Jeanmaire J (Mme) 47478
Jeanneret O 32389 43810
Jebe E H 17820
Jeck H S 842
Jeckel D 25880
Jedeikin L A 1397
Jedlička V 11964 28409
Jee W S 51302
Jeeves M A 52358
Jeffay H 20785
Jeffcoate T N 48481
Jefferies D J 7188
Jefferies W M 49479
Jefferson G 41909
Jefferson M 53300
Jeffery C C 4786
Jeffery G M 23421 51004
Jeffords J V 35999
Jeffree G M 19572
Jeffrey R A 9972
Jeffrey W E 26502
Jeffreys F E 28101
Jeffries B 28498
Jeghers H 19842 53267
Jegier W 14045
Jegou 24251
Jeker K 32324
Jekić U 32610
Jekler J 36004
Jeklerová J 38329
Jelačić O 45904
Jelambi G 24201
Jelesić Z 25218
Jelesitsch Z 25225
Jelgersma H C 15839 49616
Jelinek J 14800 28400 34499 38329
Jelínková J 14800
Jeliu G 2608 43518
Jeljaszewicz J 20511 43632 43671 53205
Jellard J 48171
Jelliffe A M 40627
Jelliffe D B 10972 51055
Jellinek H 7713 10139 34018 55652
Jellinek S 41794
Jellinger K 10998 33858 38484 39034
Jellison W L 17482 44853
Jeltsch R 54405
Jen C Y 48681
Jen M H 9607
Jenal H 45782
Jenča G 14876
Jencks W P 7247
Jend W Jr 39
Jende S 43599
Jendyklewicz Z 24058
Jeney E 23155 23772 32317 34471
Jenkin N 16499
Jenkins D 6745
Jenkins D J 17714
Jenkins H J 16726 16730 50267
Jenkins J C 31364 44070
Jenkins J M 20349
Jenkins J S 48332
Jenkins H P 142
Jenkins L 2637
Jenkins M Q 18085
Jenkins S B 8386
Jenkins W E 9842
Jenkins W J 51347
Jenkins W O 5063
Jenkins W T 40540
Jenkinson J 14723
Jenkinson V 13417
Jenkner F L 22865 48964
Jenko V A 4464
Jennett W B 6160
Jenney E W 12768
Jenni M 33449
Jennings A R 40642 50477
Jennings D 18456
Jennings E R 12273
Jennings F W 20704
Jennings W K 37941
Jennison R F 43792
Jensen A 11064
Jensen A S 30214
Jensen B 10596 25828
Jensen C C 46592
Jensen C E 11908 24003
Jensen D 17322 54950
Jensen D V 3524
Jensen E 47574
Jensen F G 55348
Jensen F T 52157
Jensen G 44887
Jensen H 28240 32231 41954 46363
Jensen H P 387 34608 35574 39041
Jensen J B 48994 48995
Jensen K 27099
Jensen K B 14126
Jensen K E 6988 8338
Jensen K G 10319 19939
Jensen K O 43234
Jensen L 49483
Jensen L S 5539
Jensen O A 23887
Jensen P G 30647
Jensen P K 25864
Jensen R 4640 12735 28183 40418
Jensen R E 12617
Jensen R L 43521
Jensen S L 13747
Jensen V W 8409
Jensen W N 53719
Jensenius H 1628
Jenson C B 21998
Jensson O 26033
Jents E 42877
Jentschura G 7642 34243
Jentzer A 19768
Jepson R P 14200
Jéquier M 9154
Jequier R 1059 38705
Jéquier-Doge E 39857
Jerchel D 43013
Jeremić V 10563 33369
Jerger J 11738 46486
Jerger J F 28658
Jerić S 9959
Jerinić R 51717
Jernelius H 30210
Jernigan J A 10688
Jernstrom P 35764 45038
Jérome H 32915
Jérome M 37934
Jerram P 7036
Jersin M A 49123
Jerstedt S 19509
Jervell K F 8636 25421 25421
Jervis E L 28638 51104
Jervis G A 34897
Jervis J J 20879
Jerzmanowski A 29500
Jesberg N 6221
Jeschek J 27472
Jesel M 54610
Jesipowicz M 20438
Jespersen C 10801
Jessamine A G 2603
Jessar R A 28291 41742
Jessee R W 20007
Jessen O 55103 55107
Jesseph J E 22014 22076
Jesserer H 15869 19052 36480 49675
Jessiman A G 20571
Jessner L 44204
Jessner M 38860
Jesson J G 50852
Jessop N M 481
Jessop W J 4325 50050
Jesús Ihigo M 8806
Jetsel M 48641
Jett J D 10240 50163
Jeune 6312 50786
Jeune M 30440 30453 30461
Jeunet A 51370
Jeung N 8536 11544
Jeunisaux C 36611
Jeurissen A 35494 35500 35508 46727
Jevtić M 27679
Jewell B R 17980
Jewell B T 41355
Jewell P A 35017 50527
Jewell R P 24445
Jewett B 28500
Jewett E L 18102
Jewett H J 55023
Jewett J F 19827 19850 43140 52603
Jewett T C 11787
Jewett T C Jr 30154 51164
Jezek A 47662
Jézéquel A M 47344
Jezequel C 20650
Jeziorańska A 33696
Jezioro Z 11397 21999 30690
Ježková Z 34083
Jhala C I 50000
Jhala H I 4192
Jhirad A 16083
Jílek L 21569 21570 44877
Jillson O F 11559
Jilly P 7698
Jim R T 48
Jimena A 8986 26719
Jimenez E S 26069
Jiménez L 44568
Jiménez M 3674
Jiménez-Casado M 21118
Jiménez Díaz C 8802 53891 53901 53924
Jiménez Espinosa L 42203 54104
Jiménez Ojeda P 25935
Jiménez Tebar V 54991 54992
Jindal M N 4102
Jindrák K 45793
Jindřichová J 30944 30945 38358
Jinich H 35679
Jinks J L 19682
Jinks R 31293
Jíra J 26546 46232
Jirásek A 9429 9439
Jirásek J E 26514
Jirgensons B 25429 25430
Jirka J 31789
Jiříčný J 14843
Jirón A 21180
Jiroušek P 48650
Jirout J 2783 35432
Jírovec O 26546 33916
Jirsa M 1697 14858 38121
Jirsová V 14858
Josg G G 4190
Joan, Sister 16225
Job J C 31077
Job J M 49706
Jobard P 1453
Jobst H 34188
Jobst K 20160 43447
Jocelyn P C 15011 37071
Jochem E M 47395 47396
Jochheim K A 29444
Jochims J 29483
Jochmus H 28898
Jochweds B 43631 43645 43664 43673
Jodin R 3143
Jody A 568
Joedosepoetro M S 41980
Joekes A M 31590 53521
Joël C A 49815 52829
Joel C D 40523
Joel W 33072 35787
Jølster N J 54972
Jönsson B 25166

Jönsson R 11973
Jörg M E 18846
Jørgensen B B 23702
Jörgensen H 45367
Jørgensen J B 27101 14143
Jørgensen K 10654 22395
Jörgensen L 23961
Jørgensen M 45520
Jørgsholm B 35457
Jötten K W 11363 25216
Joffe M H 23376
Joffe S 40474 40475
Joftes D L 51296
Johannessen N B 17748
Johannessen S 32216
Johanns I D 43023
Jóhannsson E O 43183
Jóhannsson K J 41780
Johanovská K 9489 9490 9491
Johanovský J 14802 26564 29876 34084
Johansen E 35996 45345
Johansen S 30216
Johansen S H 22423 23543 23987 23997 38850
Johanson E 24090
Johanson-Unnérus C E 36021 36022 52725
Johansson B 35389
Johansson C J 36020
Johansson L 54915
Johansson R 43239
John C 28398 55720
John E R 21670
John F 46625 46635
John H 30499 30500 30554
John H J 17763 30253
Johns C K 2585
Johns D G 48729
Johns H E 2134 35847 44295
Johns R J 43121
Johns V J Jr 6623
Johnsen S 35326
Johnson A 51537
Johnson A B 17063
Johnson A C 10439 16349 38034
Johnson A E 12724 51001
Johnson A M 16658 53633
Johnson B C 4755
Johnson B D 12861
Johnson B F 52159
Johnson B H 17472
Johnson C 31381 43306
Johnson C A 41303 41316
Johnson C E 31470
Johnson C G 26380
Johnson D 47725
Johnson D Jr 1385 2080 41230
Johnson D A 18658
Johnson D D 47546
Johnson D L 24998
Johnson D W 12657
Johnson E A 4443 8823 14131 19666 52153
Johnson E J 40454
Johnson E P 11681
Johnson E W 16610
Johnson F B 83 6118
Johnson F L 48497
Johnson F R 145 4973 4995 16785 22314
Johnson G 14590 51363
Johnson G F 8572
Johnson G M 17465
Johnson H C Jr 52625
Johnson H M 22715
Johnson H R 13332 48340
Johnson H S 34911
Johnson H W 12766 29759
Johnson J 5889 6985 12319 46508 51043
Johnson J A 52139
Johnson J B 47507 50204
Johnson J H 13147 17875
Johnson J R 50893
Johnson K R 13198
Johnson K W 15048
Johnson L 50935
Johnson L C 17122 2602
Johnson M A 21871
Johnson M J 16876 16877 16878 16879
Johnson N 29307
Johnson P 40126 40127 40128 40129 47950 50990
Johnson P C 920 2920 5526 10434 20734 27252 50992
Johnson P L 7686
Johnson R 38016 45542 45545
Johnson R B 28191
Johnson R E 8277 8639 15606 20911 20912
Johnson R F 1393
Johnson R L 52152
Johnson R M 3415 40534
Johnson R R 25407
Johnson S A 10323 10341 16823 16824 22226 35652 39929 39931
Johnson S H III 18149 33098
Johnson T H 17243
Johnson V 48380
Johnson V P 12226
Johnson W 1190 14168 44114 50260
Johnson W B 17871 41252
Johnson W C 34849
Johnson W J 46433
Johnson W T 50993
Johnsson T 25166 25167 25168 35351 43227
Johnston A M 48335
Johnston A W 18376
Johnston C C 12853
Johnston C L Jr 31346
Johnston C M 2639
Johnston D H 27549
Johnston D R 46360
Johnston D W 54866
Johnston F A 40244 40245
Johnston F D 15933
Johnston F R 12214
Johnston I D 37653
Johnston J H 37670
Johnston J H Jr 23496
Johnston J M 20769
Johnston J W 7492
Johnston K C 1195
Johnston L W 23337
Johnston M E 8536 11544 11547
Johnston P B 5195 5197
Johnston P V 44136
Johnston R N 24734
Johnston T G 40278
Johnstone D E 1123 5007 31282
Johnstone F R 51562
Johnstone K I 5633
Johnstone M 14048
Johnstone R T 28121
Johri B S 40922
Joiner C L 16063
Joinville 31999
Joinville R 26967
Jókay I 23773 24018 28790 41635
Jokinen E J 24853
Jokipaltio L M 34195
Jokl M 30955
Joklik O F 30985
Jolis P 24755
Jolissaint J 7756
Jolles I 596
Jolley R L 40478
Jolliff C R 7268
Jolly A 6383
Jolly A T 51547
Jolly S S 48302
Joly F 20678 54173
Joly H 9254
Joly L P 48464
Jomain J 28685 42434
Jomini P 53304
Jona E 31116
Jonas A M 4636
Jonas E G 20486
Jonas H 48547
Jonas K C 34980
Jonas R 22797 46021
Jonas R E 26410
Jonas S 4636
Jonáš V 14769
Jonas W 13874
Jonasch A 42357
Jonasch E 15860 15879 21463 27828 34281 42894 42920
Jonassen O 54978
Joncas F 33417
Jonchère H 14448
Jonek J 30384 39629 39630
Jones A 39123
Jones A L 7170
Jones A R 48055
Jones A T 18729
Jones B B 22582 47275
Jones B E 19306 24460 31573
Jones B M 44039
Jones B R 18407 37599 44048
Jones B V 41430
Jones C 18351
Jones C C 17665
Jones C E 23302
Jones C H 3779 15567
Jones C S 6151
Jones D L 34853
Jones D M 53741
Jones E 24372
Jones E D 40857
Jones E E 4372 4379 16496
Jones E G 10457
Jones E H 13145
Jones E W 20559
Jones F 48728
Jones F A 6203 18672 18676 22288 35675 37676 53532
Jones F C 8107
Jones F E 894
Jones G B 4794
Jones G L 7142
Jones G S 46451
Jones H E 1411 33547 33550
Jones H H 470
Jones H I 6450
Jones H M 41063
Jones H W 1298
Jones I D 550
Jones J 18405
Jones J C 19493
Jones J D 18404 41232
Jones J L 3366
Jones J M 25013
Jones L D 17103
Jones L E 15
Jones L M 14465 14466 14468 17108
Jones L T 33021
Jones M 17304
Jones M C 5121 26577
Jones M D 12680
Jones M H 9579 14558
Jones N 10053
Jones N C H 2065
Jones O H 12395
Jones P C 26005
Jones P O 48284 53264
Jones P R 51048
Jones R Jr 21869
Jones R D 31307
Jones R E 959
Jones R F 14116
Jones R H 46403
Jones R J 17593 27958
Jones R K 4618 26642
Jones R L 17851 40718
Jones R S 1783 15618 20735
Jones S A 55063
Jones S D Jr 45086
Jones S H 3374
Jones S T 47018
Jones T C 28194
Jones T I 2435 54736
Jones T T 29327
Jones T W 3691 22076
Jones V E 4161 19686
Jones W B 11545 17678
Jones W L 54523
Jones W M 24757
Jones W S 27244
Jong C de 29934
Jongbloed J 43359
Jongers J S 48357
Jongh D K de 306 307 309 53089
Jongh S E de 304 13447 35104 35110 46596
Jonghées L B 20536 52472 55561
Jonkers G H 20120 43359
Jonsson B 10312 10619 11979 12053 54915
Jonsson E 22137 35215
Jonsson G 11881
Jonsson J E 40039
Jonsson L 35463
Jonsson U 21869 35593

Jontz J G 17461
Jonxis J H 15643
Joó I 20158
34082
Jooken R 46562
Jooken R G 46558
Joos H A 7842
7851
Joppert Filho W 8764
Joppich G 15454
Joram P R 10215
Jorda V 48610
Jordaan J C 14174
Jordan F L 11982
Jordan G 49059
Jordan G L Jr 22003
22313
31444
35927
Jordan H 36956
39051
Jordan M 14348
Jordan P 14134
Jordan P H Jr 12290
Jordan R T 2699
Jordan S E 1445
Jordan S M 39458
Jordan W A 20901
40235
Jordan W K 50172
Jordan W S Jr 554
555
Jordanov J 23611
Jordans G H 7331
Jores A 46025
Jorg M E 21784
Jorge Janz G 12901
Jorgens J 42083
Jorgensen G F 35175
Jorgensen N B 28108
Jorgensen P S 11610
Joris T 22145
54316
Jorke D 27188
33902
Jornod J 39894
49870
Jorns G 6671
18939
42373
Jorpes E 5760
52728
Jorpes J E 37713
48709
Josefiak E J 34950
35661
Joselevich E 8688
Joselevich M 43920
Josenhans W 3244
Joseph A D 4182
Joseph C 27043
Joseph H L 23
Joseph J 16055
16786
Joseph K 37580
37594
Joseph M C 5668 6167 6544 13413 39730
Joseph N R 21719
Joseph R 31077
32389
32392
Joseph S I 16614
Josephs B 36324
Josephson B 350
356
Josey A I 5807
41441
Joshi M S 17442
Joshi N V 4177
Joshua H 50064
Josimović I 21960
Josimović J 9952
Josipović Z 21957
Joske R A 582
51523
Joslin E P 30103
Jossa P 247
Jost A 38721
46079
48817
Jost F 11042
22769
42283
Josten K 28938
Joszpa O 53159
Joszt L 33787
Jouanneteau 8230
Jouany J M 8236 14379 15097 24750 26800 31917 38737 47321 48869
Joubert F J 7233
Joubert J D 9806
21822
Joubert L 3080
15103
15121
Joubert S M 32488
Jouja V 38321
Jouja V R 16362
Jourdan F 13464 26683 26684 26869 26928 32944 36591
Jourde L 54445
Journe P 21388
Jouve A 23642 26484 31110 43959 53416 54443
Jouve G 45013
Jouvenceaux A 30455
32208
Jouvet M 5333 18561 47457 48893 54090
Jovančević M 9963
Jovanović A 9959
Jovanović D 9944
22640
51724
Jovanović L 10928
Jovanović M 9960
Jovičić B 9951
21959
Jovina R 21426
Jovine A 190
11824
23674
46580
Jovino R 20987
Jowsey J 39212
Joy R J 14990
Joyce A 24536
Joyce B K 1696
5186
Joyce C R 5777
Joyce D 7217
Joyet G 14409
17025
Joyeux J 988
Joyeux Y 38696
Joyner E N 1476
Joynt G H 14647
15548
Joynt R J 28614
Joysey V C 50473
Juaneda A 21216
Juárez A 37261
Juárez J 21214
21215
Jubb K V 17103
48977
Jucker C 31660
Jucker O 42829
Judah J D 19558
51037
51080
Judd D R 10130
Judd E S 10135
Judd L 5264
Judd L L 40279
Jude J R 11808
Judet J 9000
9225
51884
Judet R 9225
51884
Judge R D 23482
Judson A J 8388
Judson W E 17068
Juel E 45411
Juel-Nielsen N 23723
Jünemann G 33939
Jüngling O 11131
Jüngst W 32973
Jürgens J 25841
49063
Juergens J L 31471
Jürgens R 10330
22228
46030
Juers A L 6217
Jütte A 28940
Juge N 3602
Jugnet A 41999
Juhász Nagy A 53698
Juhlin L 12020
Juhn B 55400
Juillan M 1422
1423
Juillard E 16377
Julian L M 10498
Julian O C 1246
46517
Juliani G 25556
Julich E 42303
Julich H 12064
27187
42303
Julien C 2490
Julien J 5329
Julien J B 54589
Julien P P 22456
Julius H W 19671
Julius M 48063
Julius S 29391
30094
Jull J W 44066
Julliard A 39424
39425
Jullien A 3101 15070 26685 26872 26873 26929 48881 48891
Jullien P 32195
Jullien W 32072
Julliot M 32409
Julsrud A C 54951
Jumbala P 12318
Juna S 2735
Junca G 8826
Junceda Avelló E 21134
Junco J A 31820
Junco T del 45928
Juncos R A 44572
Junet R 44717
42456
Jung A 53312
Jung C G 32272
Jung E 34212
Jung F 23600
27443
38894
Jung H 47636
Jung H D 15315
38889
Jung H P 19035
Jung L 26871
48885
Jung R 15431
15694
51278
Jung-Grimm H 49008
Jungck E C 13211
40287
41156
Junge H 45404
Junge J M 49499
Junger P W 38050
Jungert S 35327
Jungfer E 15394
Junghans E 46085
Junghans R 15393
46265
Junghanss W 33521
Jungherr E L 5544
28180
Jungklaass F K 52570
Jungmann H 13349
Jungmannová C 38268
Jungowska A 30704
Juniat J 47357
Juniper K Jr 50320
Junk R 49911
Junkin E R 38007
Junkmann K 202
Junod J P 41933
Junqueira L C 15712
Juntke C 25283
Jurado-García E 1819
Jurand A 4978
Jurčíková V 38279
Jurjua K 11517
Jurkovič V 48615
Jurkowski J 16049
Jurmand S H 21395
Jurna I 28024
Jus A 47436
Jusatz H J 46224
Just M 16390
Just O 29027
Juster M 35428
Juster-Segal A 31140
Justin-Besançon L 37770
54149
Justiniani Longa F 13549
Justis H R 52753
Justo J R 8191
Justyna M 6868
Juszczyński M 30741
Jutisz M 13808
Jutras A 32381
Juul K 22243
Juurikkala A 23864
Juvara I 23185
Kaae S 41955
Kågström E 35423
Kaaijk C K 7322
Kaalund-Jørgensen O 10636
Kaars Sijpesteijn J A 41953
Kaback G R 7555
52807
Kabanov A N 5979
45736
49529
Kabanova E A 46779
Kabat E 5009
Kabat E A 47696
Kabat H 32082
Kabelitz H J 27178
Kabisch G 368
27175
Kabler P W 1307
1309
10852
Kablov G A 25760
30079
Kachanova E E 43556
Ka-Ching T 43593
Kachorovskaia I B 55254
Kácl K 38122
48585
48668
Kacprzak Z 43676
Kaczanowski F 30074
Kączkowski J 30896
Kaczmareck H 49026
Kaczmarek F 7954
43581
Kaczmarek M 38463
Kaczur Z 43637
Kaczyńska W 53132
Kaczynski M 30771
Kadanoff D 46630
Kádas T 43434
Kaden R 6692
22981
46136
Kaden W 34565
Kadis S 52371
Kadish F M 55240
Kadlecová V 42975
Kadłubowska M 20455
Kadłubowski R 33777
Kado R T 7223
Kadushin A 19074
Kadyrova T K 6046
Kadyshes N L 45764
Kądziela W 53230
Käbin I 10158
Kaeding A 34038
Kaelber W W 11661
Kaelin A 5130
40870
Källström B 54816
Kaemmerer E 6732
42258
Kaempffer A M 21099
Kändler H 35575
Käppler W 23164
Kärcher K H 32669
Kärkeläi A 32250
Kärki N T 24820
Kaeser H E 21597
44917
Käser O 3268
15972
27690
Kästner H 19329
Kästner M 19043
Kaffka A 34467

Kafiani K K 1724

Kagan G Ia 33164 33165 36360

Kagan I G 5590 47268 53675

Kagan J 20867

Kagan Z S 19128

Kaganova E D 43416

Kagawa C M 41283 44124

Kagramanov A I 31180

Kahan A 31122 31141

Kahán I 11190

Kahan R 50274

Kahane E 38718

Kahle D B 28495

Kahle R 50756

Kahler W H 28004

Kahlson G 5791 41346

Kahn A 1669

Kahn B 23329 23330 23333

Kahn E A 5522 33020 50367 52585

Kahn J H 19082

Kahn J R 4997

Kahn M 35716

Kahn M F 32033

Kahn R L 34894

Kahr E 51871

Kaibanov G S 20204

Kaidin D A 22674

Kaijser K 52740

Kainarou A S 42304

Kaindl F 23020 46033 51617

Kaipainen W J 24838 24867 43225 54639

Kaiser E 10340

F.-Kaiser E 43442

Kaiser E 50631

Kaiser G 27377

Kaiser H S 16739

Kaiser I 42404

Kaiser I H 4655 12571 15652 35740 43494

Kaiser J 26183

Kaiser J A 13342

Kaiser J H 4034 39948

Kaiser K 22175 49095

Kaiser P 15084

Kaiser R 15424

Kaiser R F 24152 24192 43132 51289

Kaiser W 390 11216 49049

Kaiser-Meinhardt I 15402

Kaitsakian A G 51207

Kaitz A L 50719

Kaivonen M 23858

Kajas S 24861 26505

Kaji A 13814

Kajikuri H 22008

Kajtor F 40052 48967

Kaketa H 10385 10386 10387 10388 22261

Kakhan A 9249

Kakhana A M 21886

Kakhana M S 21886

Kakhetelidze M G 1780

Kakimoto Y 3601 12573

Kakizaki S 10391

Kako K 24988

Kakos A 33426

Kaláb Z 44213

Kalabukhov N I 34666 45621

Kalacheva N F 34663 55794 55795

Kalachnikoff P 28357

Kalafatić Z 21628 30095

Kalaidjian E 43886

Kalamarov V I 34824

Kalamboukis Z 38841

Kalamkarova M B 25906

Kalant N 2616 5260 18356

Kalantaevskaia K A 45634

Kalashnikov G P 43393

Kalashnikova V P 22675

Kalayanam T S 26102

Kalb J C 29138 43779

Kalb S W 5369

Kalckar H M 7146 35555 47708

Káldor A 52895 54878

Kaleita E 39190

Kaleshev S 32815

Kalev N 28761

Kaleva A 32778

Kaliampetsos G 364

Kal'ianova M L 34613

Kaliciński Z 43639

Kaliciński A 43639

Kalin A G 16744

Kaliner S S 34750

Kalinichenko T Ia 9900

Kalinina E G 45215

Kalinina N A 36372

Kalinina O S 10236

Kalinina V I 46343

Kalinov A 43918

Kalinova R S 39602

Kalinovskaia E N 43545

Kalinowsky L B 12587 43112

Kaliski L 46979

Kaliss N 26447

Kalista V 9441

Kaliszewicz S 30731

Kalitkin K N 22671

Kaliuzhnaia R A 45159 51228

Kaliuzhnaia-Lukashova G M 41672

Kalk H 6068 10292 49682 49717

Kalkoff K W 39794

Kalkschmid W 55739

Kalla R L 48563

Kallas E V 32555

Kallay F 39432 43453

Kallee E 6678 23075

Kallen H M 28034

Kallenbach H 29464

Kaller H 13652

Kallio E 23892

Kallio I V 35141

Kallio R E 1346

Kallio V 43217

Kalliola H 24860

Kalliomäki J L 24811 24812 24824 24830 27275 52731

Kalliomäki L 195 24827 24828 24829

Kallistov M L 10759

Kallistratos G 49263

Kallman K D 47549

Kallman R F 8525

Kallmann F J 47148

Kallner A 36169

Kallner S 22139

Kallos A 34859

Kallós P 8325 45337

Kalm H 49681

Kalman S M 17938

Kalmanova-Grosheva L M 9867

Kalmanson A E 47993

Kalmon E H 32533

Kalmykova A P 11481

Kalnberz V K 43386

Kalnitsky G 13694

Kaloterinos J 2151

Kalomfiresku A 55834

Kalousková J 38236

Kalra N L 4164

Kalra R L 16281

Kalt M 36146

Kaltenbach J P 3495

Kaltenbach M H 3495

Kaltenbäck E 33841 45936

Kalter H 43533 53113

Kaltreider N L 35733

Kalugina M A 25745

Kalyankar G D 28263

Kalz F 2621 5219 23364 26432 38022 38028

Kamada H 16802

Kamada K 40425

Kamakura K 50070

Kamar G A 54580

Kamat G R 40926

Kamat M 17418 17442

Kamat V N 4180

Kamata R 8532

Kamath P G 13334 40087

Kamburov I 32816

Kameda Y 2825 7206 14914 14915 14927

Kamei T 49234

Kamen M D 9612

Kamen G F 29318

Kamenetskaia B O 46317

Kamenetskii I S 22505 55204

Kamenír A 30725

Kamenír M 2787

Kamenskaia M I 22545

Kamenskaia V M 34761

Kamer J H van de 6567

Kameyama S 22252 22254

Kameyama Y 161 18168 20688

Kamhi D 33448

Kamieński J 44187

Kamieński R 30696 30697

Kamieth H 15850 25354 34264 39406

Kamin L J 37981

Kamin S H 5722 30424

Kamiński A 33816

Kaminski B 6868

Kamiński W 30746

Kaminsky A 9741 32437 43902 43907 53365

Kamiya T 16800 16801

Kamiyama S 10385

Kamm P 23023

Kammel W 34547

Kammen H O 13818

Kammer A 39863

Kammer A G 20306

Kammerer T 48413 48416

Kammerer W H 20948

Kammermeier A 29453

Kamp C J van der 43032

Kamp L N 15815

Kamp W 53091

Kampelmacher E H 25136 25141 25143 43059

Kampen E J van 38521

Kampioni B 8067

Kampmeier R H 12344

Kampschmidt R F 28525

Kamrin A A 19707

Kamrin B B 740 47576

Kan G S 7799

Kanabrocki E L 15036 17592

Kanai K 16463 16464 25004 40205 40206

Kanameishi D 31431

Kanaoka M 14911

Kanar E A 22076

Kanareff V T 40826

Kanazawa K 22609

Kanazir D 13789

Kanazirski P 16418

Kanda D 1082

Kanda Y 40810

Kandelaki N S 18868

Kandić B 22642

Kandle R P 53055

Kandler E 42877

Kandler O 1684 25323

Kandráč M 48584

Kandráč M Š 38117 38118 38119

Kandror I S 28419

Kandutsch A A 749

Kane A A 35683 46915 47248

Kane A V'R 35977

Kane F D 8424

Kane G J 32490

Kane J J 5840 28661

Kane J M 27955

Kanee B 2634 14711

Kanekawa H 26392

Kaneko H 2823

Kaneko J 435

Kaneko T 10392 20725

Kaneko Y 4342

Kanellakis A P 21221

Kanematsu K 14909

Kanemoto S 15578

Kanenson W 15939

Kanevskaia F O 34762

Kanevskii L O 33497

Kanfer F H 5048

Kanfor I S 13841

Kaniak J 30808 30823 30835 30840 30842 53212

Kanig K 27487 33845 44210

Kanig L 27487

Kanigowski Z 43650

Kaniowski T 7829 30708

Kaniawa M 53302

Kannangara C S 30921

Kannel W B 36251

Kanner L 20514 47154 47174

Kano K 39368

Kanof N B 25020

Kanof N M 5216

Kanopkaite S I 1724

Kanoui F 53445

Kanshin N N 41513

Kanter A E 20084

Kanter S S 3389

Kanter V M 7890 34755

Kantina E A 21902 34685

Kantner M 27119

Kaftoch M 30903 54388

Kantor F S 5010
Kantor M 12705
Kantor R E 40746
Kantorovich M M 22633
Kantorowicz A 28069
Kantůrek V 5476
Kanwar K C 39251
Kanz E 25242
25243
25260
52264
Kanzaki G 47112
Kanzer M 53632
Kanzler W 11330
32319
53318
Kao F F 12523
41285
Kao K Y T 35700
Kao Y S 21725
Kao Y T 38405
Kapal E 33944
Kapanci Y 53423
Kapandji M 36656
Kapel O 19936
Kapeller K 33979
Kaper J M 37104
Kapikian A Z 50186
Kapila C C 26102
Kapila K 40077
Kapitanenko A M 39330
Kapitanov G 28719
Kapitány A 28793
Kaplan A 144
32437
Kaplan A A 32521
Kaplan A E 55764
Kaplan A H 28107
Kaplan A S 9655
30437
Kaplan C 14462
45841
Kaplan C J 9822
Kaplan E 15036
Kaplan E B 12938
14340
50380
Kaplan H 9741
Kaplan H S 12674
12688
Kaplan J 16005
Kaplan J E 4923
Kaplan J H 30937
Kaplan L 40513
52397
Kaplan L A 16924
38081
Kaplan M 25463 25495 45003 53385 54141
Kaplan M A 13336
Kaplan M M 24474
Kaplan N M 46429
Kaplan N O 1708
7224
13787
40556
Kaplan R 46501
Kaplan R W 25324
Kaplan S 143 164 18115 24337 51646
Kaplan S M 8427
Kaplan W 12762
12763
16775
50287
Kaplan W D 27412
39288
Kaplanskii S Ia 37131
Kapor G 10908
Kapos E 5852
Kapos V 19747
Kapoun K 30025
Kapp H 30981
Kappas A 17020
Kappauf W E 50550
Kappelgaard P S 10623
Kappers J A 55616
Kappesser W 39798
Kapral F A 12805
Kapran R G 6039
Kapsinow R 41086
Kapuller L L 27308
Kapur M S 50610
Kapur S C 26102
Kapur Y P 41071
Kapusta M A 51419
Kar A B 35097
40071
Kara K 22360
Karabašov V S 12111
Karabatsos N 25025
Karaca M 2075
22369
45483
55084
Karády G 18592
54942
Karady S 3499
Karageorgis B 42501
Karagodina I L 39575
Karaivanov P 28729
41573
Karakašević B 23006
Karakis L V 45900
Karakulina T T 33235
Karakulov I K 45255
Karamehmedović H 51708
Karamishev I 28716
28752
41569
Karamyshev F I 32894
Karapandov M 28717
Karapetian K A 47882
Karaseva Z N 55795
Karashimada T 40203
Karasik V M 33463
Karaśkiewicz J K 43670
Karassi A 10394
31047
41150
Karatay S 45437
46483
Karau W 7969
Karavanov G G 32546
Karavasilev T 41569
Karcher D 26776
35253
Karcher H 27378
Karcher J 27574
Karchinov K 52873
Karczewski W 6868
Karczmar A G 1444
Kardaszewicz E 43665
Kardash I B 21913
Kardava A G 18868
Kardesch M 14970
14995
33057
46866
Kardos G 10281
52926
Kardos J 3435
Kardos M 16067
Kareha L G 10994
Kareilis S 41257
Karen, Sister 16182
Kareva A I 33256
Karffk V 21544
23650
Karg S J 34912
Karge G 23526
Karger H 38851
Karger J von 39032
Karges O 384
41744
Karibov Iu I 33612
Karich A 32766
Kariev T M 44020
Kartkis J 42121
Karimov M 33321
Karioris F G 23327
Karis C 40827
Kark B 18955
Kark M 13155
Kark R M 12349 13154 35709 39718 46428
Karkun J N 13461
16325
Karl R C 1237
Karlan M 10101
22026
Karlberg P 289
293
12005
32839
Karle I P 16545
Karler A 45827
Karlewiczowa R 33729
Karlhuber F 22835
Karlik A 34390
Karlin D 15731
Karlin M 33372
Karlin R 26927
40894
Karliner W 3392
19834
Karlinger T 2282
23192
26172
36449
Karlińska A 30386
Karlog O 24002
Karlov V A 34803
Karlova N P 33358
33359
Karlova T F 41696
Karlsen N G 21904
Karlson I R 55772
Karlson K E 13315
Karlson K E 36317
54664
Karlson P 52378
Karlson R 23693
Karlsson H 50920
50921
Karlström F 35347
Karmen A 19692
Karminski Đ 18524
Karminskii M S 39579
Karmulova V A 7912
Karn G M 14654
Karn H M 52690
Karnaky K J 35758
Karnbaum S 7088
Karnell J 35471
Karni H S 454
Karnofsky D A 12526
Karnovsky M L 40523
50917
Karoly A J 50484
Károlyházy G 7711
Károlyi I 7715
13882
Karolyi T 7369
38271
51425
Karon B P 4381
20835
44223
Karoń H 27589
Karonna-Pfeiffer J 30034
Karotkin L 42042
42051
Karp M 54785
Karpati A 35567
Kárpáti F 55589
Karpe G 11704
Karpenko L N 49538
Karpfel Z 38253
Karpinos B D 24426
49979
Karpinski W 8150
Karpman H L 17504
24321
Karpman V L 25914
Karpov A E 29549
Karpov S P 55185
Karpova E V 55759
Karputhin V I 33592
Karpuzidi K S 34613
Karrer H E 40580
Karrer K 30277
Karsay G 7703
Karslon A G 12809
Karson S 17168
Karst A 48355
Kartashevskii N G 22520
Karthaus A J 25682
Kartik I 52881
Kartman L 40891
Kartnig T 42458
Kartseva V D 36392
Karu E Iu 34717
Karunairatnam M C 13772
Karunakaran C O 17434
Karunaratne M D 14473
Karve M S 3395
Karvonen M J 24868
Karvonen M J 27289
Karwath W 46099
Karwounidis C 45953
Karwowski A 20430
Karzon D T 705
Kasahara M 478
Kasai S 11105
Kasalová D 49358
Kasanen A 24812 24832 24835 24860 35176 35184 43193 43217
Kasatkina A P 46321
Kasavina B S 1732
Kascht R L 23380
Kasdon S C 30925
37906
Kasel J A 31367
44123
Kaser M M 17822
Kashanova N I 34623
Kashchevskaia L A 3406
Kashima T 2805
Kashintseva N S 55761
55762
Kashiwa H K 31429
Kashiwai K 45578
Kashkareva A P 51177
Kashket S 14608
26411
48448
Kashkin P N 33153
Kasich A M 35686
35687
Kasina S 30754
Kasius R V 19134
Kasliwal R M 50613
Kasman S R 22540
Kasnakov I 32748
Kasparek H 36929
36943
Kasprzak W 33729
Kasprzakowa J 30835
30840
30842
Kasprzyk Z 30895
Kass D J 40570
Kass I 18137
Kass K A 39942
Kassai P 18604
Kassay D 6231
Kassel R 13238
Kassil' G N 46317
55854
Kassirskii I A 6025
51229
Kassur B 30772
Kastarlak N 45488
Kastein S 18091
46472
Kastelein A 52474
Kastert J 22341
Kasting R 29842
Kasti W H 51593
Kasza G 20160
Katagiri H 18163
18164
Katagiri K 40423
Katakura Y 10392
Katalin R 47985
Katan M 4307
Kate I B ten 55616
Kate J H ten 19727
Katerinich N T 45853
Kates M 47697
Kathe J 34455
Kathe J H 19861
Katila O 24890
54636
55520
Katō E 16802
Kato J 21701
Kato K 26392
Kátó L 12493
14602
36559
Kato M 18176
Kato N 18166
Kato R 37447
37449
55434
Kato S 22251
Kato T 3599
24110
Kato Y 22915
Katona I 43100
Katona M 7706
Kats A M 37206
Kats K 23258
Katsch G 7100
52269
Katsh S 5748
47105
47558
Katsitadze V A 11491
34668
Katsnel'son A M 46300
Katsnel'son E S 47876
Katsnel'son Z S 47894
Katsoyannis P G 40490
47722
Katsuki S 15583
Katsuki Y 28556
Katsumata M 18162
Katsura H 15581
16440
4334
Katsuyama S 16464
40205
40206
Kattus A A 30118
Katunarić D 18517
Katunuma N 1370
Katysheva A V 7883
Katz A M 12356
Katz B E 5729
Katz C 32075
Katz D 12287
Katz E 21191
40660
40661
52293
Katz F 8932
Katz J 9804
24726
40476
Katz K H 14964
Katz L 10669
17126
Katz L N 2896 2913 2926 12547 15010 35797
Katz M 16583
Katz M E 1277
Katz M M 17176
40709
Katz R 10339

Katz R 53963
Katz S 3656 7431 15916 15934 19847 25011 27521 39438 49184 49656
Katz Y J 48734
Katzberg A A 49005
Katzenstein E 27034
Katzin H M 12443 47019
Katzman R 31335
Katznelson H 2564
Kaudewitz F 55561
Kaufer G 24588
Kauffman D L 40494
Kauffman M L 24538
Kauffmann F 23935
Kauffmann G 1295
Kauffmann T 23064
Kaufman A R 46396
Kaufman C 4127
Kaufman D A 34774 34820
Kaufman H E 23431 24569 24569
Kaufman J J 33108
Kaufman L 1301
Kaufman M E 17096
Kaufman M S 35754
Kaufman R E 7455
Kaufman R H 7607
Kaufman R P 3172
Kaufman S 43782 44952
Kaufman S A 1176
Kaufman W 28017
Kaufman W H 55272
Kaufmann C 51277
Kaufmann G 15370 32674 39879
Kaufmann H P 47672
Kaufmann J 45624
Kaufmann J A 11546
Kaufmann L A 38564
Kaufmann P 27690 37860
Kaufmann R 18995
Kaufmann R Z 21624
Kaufmann W 23015 27536 42936
Kauhtio J 24886 24896 52743
Kaul S 5177 26102
Kaulbach M 51920
Kaulbach W 396 29084
Kaulen D R 34656
Kaulla E von 41754
Kaulla K N von 30629 41754
Kauman W G 19508
Kaunitz H 30488
Kausler D H 26579 40711 40749
Kauste O 24900
Kautsky A 41775
Kautsky G J 40487
Kautzky R 23807
Kauvar A J 22052
Kauzál G 23200
Kávai M 24022
Kavan E M 34981
Kavanagh F 13388
Kaverzneva E D 37147
Kavit A Y 4651
Kavookjian H Jr 52651
Kavyrshin A In 22630
Kawagoe H H 16694
Kawai C 3602
Kawai H 33885
Kawai K 16444
Kawakami I 39451
Kawakami M 16439
Kawakita H 12702
Kawakita S 55431
Kawamura E 10392 10394
Kawamura K 10393 10398
Kawamura N 16958
Kawamura Y 16473
Kawasaki H 10385 22263
Kawase Y 49319
Kawata S 35305
Kawatomari T 4708
Kawecka M 2325 43086
Kawerau E 36306
Kawiak J 32177
Kawin B 39236
Kay A L 51606
Kay A W 2147 53281
Kay E B 486 5883 16660 18132 22005 24355
Kay G D 14648 14651
Kay H 40880 40881
Kay J H 2513 18112
Kay M N 7848 51046
Kay R H 19628 51092 51093
Kay S 10082
Kayabali I 18539
Kayahan S 32995 33003 33004 45439 45440 45479 45481 55085
Kayali H A 45451
Kaye H 4486 11675 39437
Kaye N L 4122
Kaye R 53012
Kaye S 19841 45801
Kayes J 47175
Kayhoe D E 654
Kayser C 26832 48902
Kayser D 15086 26735
Kayser F 37840 42875
Kayser K 18278
Kazakov B A 45748
Kazakov V I 22500
Kazakova S F 55807
Kazakova T B 1737
Kazakova T G 45241
Kazal H L 14760
Kazama Y 13328
Kazanjian V H 24687
Kazanova L I 6043 44017
Kazanskaia T B 36390
Kazanskii A A 45657
Kazanskii I V 20279
Kazanskii N P 45187
Kazanskii V I 5947 5979 18181
Kazantsev E A 25747
Kazda J 38134 48586
Kazdan M S 47044
Kazen D H 11529
Kazenko A 13341
Kazhiaeva U I 10792
Kazin A 8401
Kazmann H A 41177
Kazmierczak J E 23292
Kazmin V 23680
Kazubski S L 33778
Kazuk M K 22377
Keagy R M 7944
Keane J F 40989
Kearney J 9210
Kearns J J 4142
Kearns T P 23436 47021
Kearny A P 11553
Keasling H H 970 20494 47327 47335 50263
Keating F R Jr 14751 24433 33049 50416
Keating V 12865
Keating V J 12964 14228
Keatinge G F 26059
Keatinge W R 5772 28983
Keats A S 35931
Keats S 5373
Keats T E 8564 31641
Keay A J 5378 41788
Kebbon L 35480
Kechker M I 18300
Kechker V I 10836
Kechi B 23038
Keck A 52798
Keck E 29432
Kecík M 14877
Kecmanovic Z 51712
Kecse Nagy J 41623
Kecskés L 28791 28792 41988
Keddie R M 5091
Keddy J A 48439
Kędra M 8080 53140
Kedrov A A 22157 33230
Kedrova E M 37134
Kedrovskii B V 22488
Kędzia T 30839
Keeble S A 5690
Keefer C S 13680
Keegan J 24514
Keegan J M 45560
Keehn J D 8419 26086
Keele C A 6257
Keele D 20778
Keele K D 41808 48971
Keeler R 12505
Keeler R F 3491
Keeler W H 22001
Keeley J L 46531
Keen E N 4667
Keen J A 9776
Keene C H 28123
Keener E B 28563 48500
Keeney A H 12450
Keeney E L 50644 50645
Keenleyside P M 14583
Keep P 46503
Keerl G 28874
Keers R Y 20570
Keet A D Jr 35452
Keettel W C 649 38565
Keffer W 11987
Keffler R A 35879
Kegels 1333
Keh B 51007
Kehl R 26672 26858 48913
Kehler E 4045
Kéhli I 7703
Kehoe R A 43323
Kehrer F A 18949 18965
Kehrer H E 42334 42339
Kehrli H 9115
Kehrli H J 10994
Kehyayen E 42803
Keiderling W 15645 21620 32693 34021 38959
Keiding J 52355
Keighley G 44110
Keil B 55564
Keil R 34334
Keil W 34564
Keiler H 38899
Keilin D 1678
Keilin S L 12161
Keiling R 26277 41369 48899 54610 54611
Keiner E C 671
Keiner G B 671
Keir H M 1379 7244
Keirim-Markus I B 6647
Keiser S 16759
Keitel W 12076 22965
Keitges P W 35745
Keith H M 17614 43488
Keith L M Jr 154
Keith N M 31476
Kekcheeva N G 22694
Kekeh J 26271
Keleman B 24034
Keleman K 30529
Kelemen B 35375
Kelemen E 3464 11194 23745 23751 46603
Kelemen E Jr 55702
Kelemen G 11731 23447
Kelemen K 41632
Kelemen L 49126
Kelemen W A 23389
Kelemen Z 13884 37239
Kelen A E 37976
Kelentey B 5573 34484
Keleti T 34484
Kelham B H 5291
Kelkar S 40085 40086
Kellaway G 2266
Kellaway T D 13297
Kelleher D 17117 53293
Kelleher R T 21666
Kellen J 27901 39237 40678 46139
Kellenberger E 30600 32209 34235 40577
Kellenberger G 13801
Keller A D 12531
Keller A P Jr 51350
Keller B 26241 26244
Keller E A 29455
Keller G 34293 34294 52194
Keller H 3273 49925
Keller H M 21652 35152 46604
Keller J M 17620
Keller L B 11637
Keller M 27700 40671
Keller R 1580 9581 26241 26244 32298
Keller W 3222 15409
Kellermeyer R W 1138 31400
Kellershohn C 21359 32705
Kellert E 48553
Kellett C E 29284
Kelley J P 53738
Kelley J W 20398
Kelley K L 37224
Kelley M L Jr 584
Kelley V C 13631 23507 34990 44153
Kellgren J H 13294
Kellgren J H 36301
Kellina O I 18373
Kelling H W 42895 49142
Kellner A 4998
Kellner G 32600
Kellner H 38961
Kellner K 27152
Kellock D A 20355
Kellock T D 48265
Kellogg F W 7650
Kellogg R H 16810
Kellogg R O 41094 41100
Kellogg W N 21692 50482
Kellow W F 15997
Kelly B 3654
Kelly C W 615
Kelly E 34975
Kelly E M 44956
Kelly E W Jr 14
Kelly F C 50340
Kelly H G 14685
Kelly H J 826 25413
Kelly J V 10467 45930
Kelly L 13224
Kelly L S 44115
Kelly M 21697
Kelly P J 4496 16980
Kelly R H 50246
Kelly S 12645 17022 17039
Kelly T 16592
Kelly W A 32700
Kelly W D 22069
Kelly W T 12425 38572 43710
Kelsall G A 36983
Kelsall M A 25033A
Kelsey C M 40985
Kelso J W 7994
Keltch A K 31420
Kelts H 15535
Kember N F 51300
Kemberling S R 13558
Kemenyvári J 46140
Keminger K 29116
Kemka R 30949
Kemkes B 55491
Kemmerer G 12058
Kemmerer W T 35230
Kemp A 15816 49622
Kemp F H 2131
Kemp C E 25159
Kemp F H 26090
Kemp L A 30649
Kempe C H 10503 20507
Kempe W 42868
Kempen W V 25799
Kempeneers J 9084
Kemper F 35119 41727
Kemper J W 54850

Kemper W 4280
Kempf E J 47522
Kempner W 20510
Kenawi M M 28312
Kenawy M R 4959
Kendall N 10479
Kendall P H 14078
Kendrew J C 19511
Kendrey G 54384
Kendrick D B 6771
Kendrick D C 17259
Kendrick J W 15243
Kendrick L P 5597
Kenealy W L 52701
Kenedi I 28788
29156
32261
Kenefick E V 42820
Kenéz J 6727
Keng K L 41975
Kenig I 29398
Kenig P P 43537
Kenigsberg S 24719
Kenin A 50384
Kenis J 35031
Kenis Y 14754
35156
Kennamer R 31646
Kennedy B J 19831
Kennedy D 679
11688
Kennedy E P 40483
Kennedy H E 12818
Kennedy J H 25039
Kennedy J J 23438
50138
Kennedy J S 5927
Kennedy J W 36878
Kennedy P A 19899
Kennedy P C 15241
16886
Kennedy R H 32734
Kennedy R L 20137
43515
43519
50423
Kennedy W M 43156
Kennelly J M Jr 33110
33120
Kennon L 16712
Kenny A W 31576
Kensler C J 29251
Kent B M 46439
Kent E M 5896
Kent G 5407 27970 31285 34942 51288
Kent H 47779
50224
Kent H N 31314
Kent L R 5834
Kent M J 4777
Kent M P 30435
Kent N D 94
Kent P R 690
Kent P W 37568
Kent S P 34407
Kent-Hughes M O 18766
Kentera D 9943
51720
Kents V V 34689
Kenyon G Y 791
Keogh E V 42093
Keogh R P 2613
Keohane J 51355
Keohane K W 20918
52429
Keough T F 17593
Kepecs J G 11657
20871
Kepes J 4140
17802
Képinov L 5769
Kepka O 34310
34317
Kepler M O 13483
Keplinger M L 11596
46888
Kepp R 15422
Keppie J 5089
Keppler E 11268
11269
Keppler J G 41815
Kerbikov O V 34825
46304
46326
Kerby G R 50674
Kérdő I 52880
Kerelakes J G 6776
Kerekes E 7689
30293
Kerekes L 19745
51432
Kerenyi A 2654
Kerényi I 3607
23178
Kerfelec 17659
Kerimova E S 18210
Kerketzes C S 21221
Kerkhoff F 42293
Kerley L F 50714
Kerley P 48156
Kermack K A 44034
Kermarec J 53444
Kermekchiev B 32746
32789
Kern A 49023
Kern A B 11586
44789
Kern E 12989
Kern G 9536
20528
Kern F 25846
Kern H 82
Kern R A 1137
Kern W 14413
Kern W H 22472
Kernahan D A 30656
Kernaghan, Mother 16208
Kernbach M 35220
Kernéis 47746
Kernéis J 36660
Kerneis J P 26233
36646
36661
36683
Kernen J A 459
2516
Kerner D 19436
Kerner H 39262
55536
Kernkamp H C 12753
Kernodle J R 7492
Kernohan J W 17802
Kernohan J W 31469
54756
Kerp L 6094
Kerpel-Fronius 8
Kerper E H 43080
Kerr D N 6173
6174
28997
Kerr F W 16569
Kerr H A 16950
Kerr J H 52686
54726
Kerr J T 50757
Kerr K B 5601
Kerr M 37744
45084
Kerr M A 11545
Kerr M R 14230
Kerr N S 5095
Kerr W F 26121
Kerr W S Jr 5926
Kerr-Taylor H 54187
Kerridge D 2117
40841
Kersauson de (Mme) 31972
Kersauson M C de (Mme) 18012
18013
Kershaw J D 44857
Kerslake D M 41343
Kersley G D 13302
35219
Kersten E 38919
Kersten H 1683
Kersten M 46377
Kersten W 49910
Kersting E J 40415
Kersting G 23147
34600
Kert M J 13007
Kertai P 11170 19565 35372 43440 46090 49378
Kertay N 23767
25811
Kertes I 43443
Kertész E 43446
Kertész I 41985
Kertész L 23740
23741
Kervoelen P 1463
Kervran R 32055
Kerwin A J 38042
Kerwin P F 16202
Kesareva E P 1741
Kese G 23243
34577
Keselman S 31001
Keshishian J M 1228
Kessaris N D 53737
Kessel F K 52234
Kessel L 40630
Kesseler K 27196
28048
43573
Kesselring F 27698
Kessler A 1132
1174
49753
Kessler A D 165
Kessler C R 12841
Kessler E 48349
Kessler F J 35124
Kessler H H 48763
Kessler J 35785
47074
Kessler L A 52589
Kessler R 49819
Kessler R H 747
Kessler S 15727
Kessler W B 13189
13190
Kessner D M 20746
Kesson C W 14040
37543
Kestemberg E 9042
Kestenberg 36137
Kestenberg J 54844
Keszler H 2735
Keszler P 52887
Keszteles V 22835
Keszthelyi M 12199
52911
Keszty'ús L 23773 24020 24021 24022 41635
Ketai N H 16745
Ketcham N H 473
Ketchel M M 4499
4500
Ketchen M 14600
37969
Ketel W G van 29955
Ketels H 27907
Ketler A 10876
Kette W 23034
49040
Kettenborg H K 52475
52484
Ketterer B 39220
Kettler L H 33533
Kettner D 14537
Kettunen K 24871
27284
27298
36007
Kettunen K O 23891
Kety S S 9560
Kétyi I 20158 23781 32296 34081 34082
Keulen A van 43059
Keuning J F 50712
Keup W 26991
Keutel H J 11327
45574
46089
Keuth U 34094
34095
41595
55509
Keutmann E 12877
Keuter E J 7323
Kevany J 12352
24372
Kever G 45665
Keveshch L E 45778
Kevy S V 46902
55350
Key B J 42973
Keye J D Jr 39925
Keye V E 54631
Keyes E L 6996
Keyes J L 50695
Keyes J W 40286
Keyes P H 40771
40772
50139
Keyl H G 48689
Keynes G 18436
Keynes R D 44983
Keynes W M 1238
Keyriläinen T O 24811
24821
24846
24847
Keys A 21687
27966
Keys J W 51588
Keyserlingk H von 11153
Keyssler H 7081
Kezdi P 35637
Khachadurian A K 31288
Khachatrian O K 41547
Khachatur'ian G Kh 9844
Khadzhiev I 28702
Khadzhistamov B 28730
28741
28767
Khai L M 37204
Khairallah P A 52412
Khais M L 13565
Khait Ia B 46318
Khaiurova L P 36395
Khaiutin S M 33512
Khaiutin V M 37197
Khakhlov N F 18219
Khalachev V 16428
Khalaf K T 51947
Khalaf S 44700
Khaleeva T G 31158
52965
Khalfen E Sh 18302
Khalil M 28592
Khalilov S Kh 51179
Khamamdzhiev K 32818
Khamidullin Z G 43419
Khamitov Kh S 15765
49568
Khan-Magometova I D 25909
Khanamirov A R 45722
Khananashvili M M 49531
Khange L 18896
Khangosh D 5965
Khanin M N 52969
Khankin N I 45889
Khanna N M 40070
Khanolkar V R 27984
Khanson Kh 18896
Kharamonenko S S 8264
Kharitonov L G 5947
Kharitonova K K 55310
Kharkevich D A 49429
Khar'kova R M 7926
Kharlampovich S I 31150
Kharshak E M 10783
Khatmanu D 41567
Khatskelevich S Ia 22539
Khattab A el-K 4960
Khatua S P 17428
Khaustova I M 55836
Khau-van-Kien L 15141
54889
Khavina E S 19121
Khavkin D A 31213
Khavkina N N 49526
Khazanov A I 32895
Khazanov M A 45186
Kheifets L B 55764
55816
Kheim T 40862
Kheisina S N 36365
Khelimskii M A 18245
Khène M 36123
48417
Khera K S 13045
36083
Kherumian R 8237
Khesin R B 45614
Khilkova T A 34802
Khing K T 41976
Khinkov R Kh 32791
Khitrina G V 31177
Khlebarov S 32757
32787
45302
Khlebarova M 32763
Khlystova Z K 55765
Khmel'nitskii R Kh 22513
Khodakovskii G D 45638
Khodarev N N 22567
Khodiev E M 45674
Khodova R Z 7934
Khodzhaev E P 10951
Khodzhev Sh 34667
Khokh O I 43569
Khokhlov A S 36351
36393
36374
Khokhlov A V 46822
Khokhlova M P 1779
Khokhlova M P 45754
Khokhlova V V 34801
Khokhlovkin V A 45130
Khokhol E N 33493
Kholdin S A 32588
Kholeva S Ia 22707
Kholevich Ia 28698
28753
43410
Kholodok A N 43556
el-Kholy S 169
Khomchenko S I 51732
Khomchenovskii E I 1770
Khomiakov Iu S 6002
12124
Khominskii B S 55304
Khomitskaia T A 7901
20285
Khomutov M V 9923
Khorava G V 18871
Khotsianov L K 39577
Khouvine Y 15083
37835
Khovenko M V 43377
Khrenov A P 10881
Khriapenkova E I 49799
Khripko A M 49525
Khristich A D 45677
Khristov Kh L 16429
Khristov S 16418
32798
Khromov N A 34826

Khromov N A 46335
Khrunova A P 45142
Khrustalev A V 50021
Khrustalev S I 49543
Khudiakov Ia P 33158
Khundanov L E 11481
11494
55842
Khuri A 45813
Khushcheva T N 32589
Khvilivitskaia M I 41677
Khvilivitskii T Ia 46300
Khvorostukhin I I 55783
Khvorov V V 53461
Khvostov N N 39605
Khvul' R M 31222
Kibel M A 48593
Kibiakov A V 15765
18217
Kibler M 4060
Kibrick S 7417
30422
Kičić M 10919
Kicińska H 33696
Kickhöfen B 25898
Kickman C J 5930
Kidankiewicz T 53209
Kidd J G 17250
Kidder R F 28349
Kiddy C A 11940
Kidera G J 16594
Kidron D P 20830
Kidwell J F 3925
Kiefer E D 50175
Kiefer H 27390
Kiefer J H 21022
55047
Kieffer R F Jr 42080
Kieffer S A 15539
Kiehl W 55445
Kiehn C L 24672
Kiekens R 36521
Kiel A Jr 48395
Kiel F W 10695
Kiełczewska-Rdułtowska H 29514
Kiełczewski B 33679
Kielholz P 9533
Kielley W W 1685
Kiely B 174
Kiely C E 50704
Klem I 40110
Kien G A 5740
Kiendl J 55491
Kiener S 24289
53021
Kienholz M 55491
Kienitz M 34483
Kienle G 14949
Kieny M 26898
Kieny R 35058
53369
Kiepurska A 38456
Kier J H 15941
Kier L C 40317
Kierland R R 6961
21508
40269
Kierśnicka I 44184
Kiersz J 7773
24063
Kies M W 5485
Kies M W 5486
19656
Kiese M 47926
Kiesewalter J 28416
Kiesewetter R 23625
Kiesewetter W B 170
W B 11770
39436
41268
Kiessling H 203
Kiessling J 22923
34008
52204
Kietz H 23020
Kietzmann C H 15372
Kiff A N 19286
Kihlberg J 24868
27289
Kihlström J E 49476
Kiiashko N T 18876
Kiiashov A P 41689
Kiiasov A Ia 18904
Kiktenko V S 34620
Kikuchi G 28272
Kilár S 28798
Kilbourne E D 16334 19820 33067 50467 50468 50469 52461
Kilburn K H 24994
Kilburn R E 8518
Kilcrease D T 48093
Kilduff C J 14566
Kile R L 1286
Kilejian A 47264
Kilesso V A 55764
Kiley J 48392
Kiley J E 43131
43169
Kilgore W W 13779
47967
Kilham L 20721
38092
Kilian J G 28193
Kilian V 23173
Kılıçhan E 45482
Kiliam K F 49449
Killian H 39843
Killip J D 1674
Killmann S A 1791
55347
Kilpatrick J 21541
Kilpatrick R 2245
14140
14200
Kilsheimer G S 52318
Kim A 45194
Kim E S 140
Kim I C 43490
Kim M 35058
51368
Kim U K 32825
Kim Y E 15585
15586
49240
Kim Y S 24429
Kima T 15339
Kimball A C 5143
5144
Kimball A W 541
2681
5427
Kimball R M 16983
Kimbarovskii Ia A 8096 16434 16435 16436 16437 20463
Kimbarowskij J A 30688
Kimbel K H 202
32689
Kimble G 17125
Kimble G A 5017
Kimbrough R A 3018
4006
Kimbrough R A Jr 27786
Kime N S 40244
Kime S W Jr 6623
Kimeldorf D J 12530
Kimmel J R 40539
Kimmelstiel P 44025
Kimmey J R 40274
Kimmig J 27893
Kimsey L S 5723
Kimura D 37982
Kimura E T 50264
Kimura K 24109
31921
Kimura R 18162
Kimura Y 2825
7206
14914
14915
Kinard F W 8494
Kinberg O 24617
Kincade G F 38048
Kincaid J F 34864
Kincaid O W 29750
30123
30133
35985
Kinch R A 14702
Kincseessy A 11174
Kind A 47323
Kind H 6653
27485
Kind L S 1610
50597
Kind S S 29833
Kinda K 34073
Kinder C H 14173
Kinder E F 44978
Kindler K F 18942
Kindler M 48070
Kindler W 12072
44863
Kindstrand W 45357
Kindt O T 54985
King A B 48378
King A G 30932
King A H 55129
55805
King A J 20580
48326
48344
King B D 41285
King C E 18369
King C G 49487
50152
King E J 5656
26042
26043
48203
King E O 50350
King E P 21819
King E R 32516
53726
53725
King E S 51521
King F A 50901
King G 17682
King G J 7038
King H 47593
54661
54718
King H A 11804
King H K 37072
King J 16555
King J A 26378
King J E 19793
King J H Jr 26281
37810
King J R 21977
King J S Jr 17074
35464
55039
King J W 26611
King K W 40443
40444
King L M 18140
King L S 51572
King M A 2191
King N B 12732
45803
King N M 50265
King P D 12597
King P E 4834
King R B 16569
King R H 41235
King S S 4117
7022
King T 50390
51530
King T E 19550
40479
King T P 49467
King T S 50298
King W 40546
King W E 26144
42130
51540
King W M 5737
Kingcade M E 52785
Kingery F A 2
Kingma M J 29962
Kingsbury K J 32232
Kingsley J W Jr 13168
Kingsbury K R 45
Kink F 31623
Kinley L J 31361
Kinmonth M H 20351
Kinnaird R 33076
Kinne R 19477
Kinnear A A 30139
Kinnear D G 50723
Kinnear N 4326
Kinnear T 28616
Kinnebrew C A 20095
Kinney M M 51897
Kinney T D 15757
Kinnory D S 15036
Kinnunen O 36023
Kinoshita T 16448
Kinosian J 37
Kinosian J R 46878
Kinosita R 27412
39288
Kinross-Wright V J 17053
Kinsell L W 2510 20515 20766 24390 24391
Kinsella E D 46950
Kinsey F R 53049
Kinsey V E 14111
24573
Kint A 47917
Kinzel H 11266
Kinzer D M 49934
Kinzinger H 11993
Kjærboe E 43213
43247
Kipfer K 45387
Kipkie G F 11556
Kipnis D 4374
Kipnis D M 40563
40564
Kipnis J 20733
Kipping H 19374
Kipps A 9780
Kiprov D 16411
Kiprov D I 16410
Kipshidze N N 48006
52940
Király J 6332
Király K 7715
13883
Kirby C K 5889
22012
46508
Kirby K S 13733
Kirby-Smith J S 7143
Kirch E P 52639
Kircher W 4028
Kirchev P 16406
Kirchhoff H 15420
15982
18989
Kirchhoff H W 34107
47645
Kirchhoff J 39394
Kirchmair H 19000
19008
42376
Kirchmeier O 27917
Kirchner J A 6212
18479
23453
Kirchoff H 10108
Kireev P M 9851
Kireeva K I 55765
Kirichinskaia I A 45242
Kirilenko A A 45857
Kiriluk L B 19970
Kirlushina L A 49795
Kiriyama M 34408
Kirk B A 16673
Kirk E W 5721
Kirk G 911
Kirk J E 40878
50584
Kirk R 5899
51167
Kirk R D 10993
Kirk R L 36983
Kirkaldy-Willis W H 14782
38002
40639
Kirkeby K 45408
Kirkendall W M 50703
Kirkham L J 17536
Kirklin J W 6187 20811 23395 29042 38495 51158 54682
Kirkman H 13942
Kirkpatrick J A Jr 53718
Kirkpatrick J E 28125
Kirkwood S B 27056
Kirman B H 14305
37684
Kirman D 12280
32866
35664
Kirnberger E J 24234
Kirov I 20297
Kirov K 45316
Kirov S 28727
41582
Kirpatovskii I D 5975
49222
Kirpekar S M 41325
Kirpilä J 27281
35477
35479
Kirsanov B A 55259
Kirsanova V A 55299
Kirsch F 54881
Kirsch K 19337
Kirsch M 2921
Kirsch N 27088
Kirsch R E 32531
Kirschbaum J O 48969
Kirschbaum P 8985
26718
Kirsche W 53629
Kirschenbaum D M 32350
Kirschenfeld J J 5351
Kirschner L B 1377
17317
Kirschner P A 14975
Kirschner R 20256
Kirschninck H 7982
Kirschstein R L 38092
Kirshenblat Ia D 55175
Kirshner J J 928
Kirsner J B 11773
50173
50217
Kirstein L 24079
24081
41217
51813
Kirsten B 38990
Kirthi Singha H S 53234
Kirtley J A 51152
54733
Kirtley J A Jr 12855
Kirtley W R 6975
17459
Kirtner W L 17158
17178
Kiryati A A 17214
Kis-Várday G 15858
49810
Kisbye J 27103
27104
Kisch B 6669 12261 25715 15716 49373
Kischeff S 35528
46764
Kischkel U 55637
Kiselev I N 51765
Kiselev P N 6642
55759
Kiseleva I A 33156
Kiseleva M L 45639
Kiseleva L N 33254
Kiseleva S K 41664
Kiser C V 6766
Kiser J C 22060

Kisfaludy S 41634
Kishi H 4338
Kishi S 49665
Kishi T 2818 14931 18165
Kishigami M 28399
Kishimoto K 27012
Kishimoto M 24108
Kishkovskii A N 55265
Kisielewska K 33767
Kisner C D 45055
Kisner P 47256
Kisner W H 42826
Kis'ova A 32818
Kiss A 16276 36594
Kiss F 37193 46824
Kiss G 37238 41614
Kiss J 23239 38857
Kiss P 47647
Kiss S 24028
Kiss T 3434 3435 11388 11395
Kissane J M 41265
Kissane R W 3773
Kissel J W 47109
Kissel P 9102 9135 32001 32194 37934 46747
Kistil D 50281
Kistler G C 4113 16173
Kistner R W 30929
Kistner W F 7000
Kit S 1692,
Kitaev Iu M 18899 39325
Kitagawa S 7206
Kital S T 50484
Kitamura M 31921
Kitamura S 18160 18161
Kitao T 18456
Kitaoka M 16461 40207
Kitay J I 43712
Kitayama T 16448 16449
Kitazume M 15578
Kitchell R 35384
Kitchell R L 12741
Kitcher N R 40337
Kitchen W H 46854
Kitchener J A 39268 52291
Kitō Y 42990
Kitoe P A 40479
Kitov D 45311
Kitov D I 32797
Kittle C F 1220 10316 28148 35629 46513
Kittler M 47966
Kittleson K D 31583
Kittredge R D 20951
Kittredge W E 4526 55044
Kitzing W 43598
Kitzinger C 11538
Kivalo A 24898 35090
Kivalo E 209 3475 24836 24898 11897 35090 36115 39255
Kivel R 35677
Kivel R M 1174
Kiviluoto R 21997
Kiviranta A 24840
Kivits M 35518
Kivman G Ia 39338
Kivy P 50499
Kizhaev V I 41693
Kizima K 1606
Kizziar J W 1562
Kjaer K 23539
Kjaer T 10532
Kjeldgaard N O 40851 40852
Kjeldsen M H 10633
Kjellberg B 54819
Kjellén L 285
Kjellgren O 46717
Kjelstrup Y 52716
Kjersgaard-Hansen K 22437
Kjørstad H 54970
Kjos K 54955
Klabačková K 37007
Klackenberg G 32843
Klacsan L J 11799
Kladivova L 25476
Kläring W 23197
Klärner P 18332 34160 34159 53074
Klärner R 34160
Klaes H 32864
Klages W 36487
Klain S B 32744
Klaishevich G I 7932
Klajn V 22636 45912
Klam N 5302
Klantschnigg P 3536
Klapetek J 38352
Klapka M R 28119
Klapman J W 39164
Klar E 29065 32699
Klar H 34117
Klarmann E G 1130
Klarnet J 21255
Klarnet Ts E 34709
Klas J 2749
Klassen K P 5872 11780
Klatskin G 570 46950
Klatzko M 19824
Klatzo I 17793
Klatt O 5431
Klaue H H 27743
Klauer D 49165
Klauer D F 7592
Klaus D 46088 46091
Klaus E 35406 44712 48657
Klaus I G 50115
Klausberger E 7092
Klausberger E M 11035 33846
Klausmeier H J 46973
Klavis G 25186 36495
Klawe Z 53166
Kleaveland B N 19980
Klebanoff S J 17323
Klebanov M A 31222
Kleberger E 28894
Klecha I 31528
Klečková-Aldová E 2773 26571
Kleczeński A 30841
Klee G D 11653 28546 41201
Kleeberg J 38515
Kleeman C R 17026 25010 31308 40697 52645
Klees E 22182 46076
Kleffner F R 1192
Klefstad-Sillonville F 2011 2013 6422
Kleh J 35697
Kleibel F 6659 10300
Kleiderling W 18335
Kleihauer E 37229
Kleiman A H 16644
Kleimans M 43920
Klein A J 48228
Klein B 15039
Klein B M 46648
Klein D 20261 28871 40873
Klein D T 34384
Klein D X 16706
Klein E 2684 17594 28526 39008 43905
Klein E C 47787
Klein F 1312 23114 23121 55646 55666
Klein F K 46281
Klein G 50373
Klein G S 16487 50280
Klein H 46435
Klein H P 21710
Klein K E 27158 30531
Klein M 4272 19776
Klein M D 4475 24522 52825
Klein M J 24760
Klein M L 25470 25474
Klein M R 7387 13022
Klein M S 21590
Klein N 11117 22951
Klein O 13898
Klein R 7845 7869 9074 17739 20778 26744 49758
Klein R I 16585
Klein R M 52393
Klein S 9466 17939
Klein S J 24403
Klein S P 46435
Klein V G 41517 55166
Klein V H Jr 18109
Kleinbauer E 7980
Kleinbauer V 38160
Kleinbaum H 34102
Kleinberg H 12564
Kleinberg W 47122
Kleindienst L 18971
Kleine N 11238 11297 11300
Kleiner E M 36393
Kleiner G I 36358
Kleinerman L 43995 43997 43999 44003
Kleinert H 45965
Kleinert H E 47284
Kleinfeld M 12492
Kleinfelder H 52225
Kleinhanss G 30587
Kleinmaier H 23000 34062 34511
Kleinsasser O 23797 47661 47663 55754
Kleinschmidt H 3282 10551 41604
Kleinsorge H 6739 15319 33898 41631 41740
Kleinstück E 32662
Kleint W 24236
Kleitsch W P 34932
Klem M C 40108
Klem S 16822
Klemenova E S 3410
Klement A A 45682
Klement M 35039 48603
Klementov A V 45177
Klemetsrud K 45490
Klemm F W 34549
Klemola E 21991 54640
Klemparskaia N N 48033 55760
Klempfner J 14840
Klen R 6293 14825 38228 48616
Klenda H M 50145
Klenk E 5481 5482 27892 27919
Klenka L 14826 21563 38304
Klensch H 28043 43574 53083
Klepatskii B I 33200
Klepatskii B I 33201
Klepko G D 10892
Klepov I D 51191
Klepping C 18553 36647
Klepping J 3102 48883 48887 48888
Klepzig H 25273 39016 46034
Klerman G L 12589
Klesper R 10328 10354
Kless H 11050 36932
Klesse P 49891
Klets E I 55779
Kletzkin M 51073
Klevansky H 21831
Klevmark B 54969
Kley I B 31554
Kleyntjens A 44738
Kleyntjens F 44613
Kliachko M L 22559
Kliachko V R 31161 31162 53460
Kliachko V S 45123
Klibansky H 16081
Klicka K S 39999 49939
Klien B A 658 35770
Klien D 47639
Klieneberger-Nobel E 37719 55675
Kligerman M 1148
Kligerman M M 2690 31629
Kligman A M 16 5222
Klika M 9451 45576 55595
Klima H 11014
Klíma M 14831 20124
Klima R 33532
Klíma T 38357
Kliman A 23463
Kliman B 15611 40695 46927
Klimas J E 3357
Klimas J E Jr 20791
Klímek M 30020
Klimenko E P 11497
Kliment V 14817
Klimets I I 33330
Klimkó D 16999
Klimkovich I G 18189
Klimmer O R 1573
Klimov A N 36396 37184 45757
Klimova M K
Klimowicz W 53191
Kline A H 5731 30424
Kline B S 22143
Kline D 41207
Kline E M 46399
Kline I 48563
Kline I T 3420
Kline N J 4942
Kline N S 39167
Kling C 47350
Kling S 20789
Klingbeil M 22991
Klinge K 25231
Klingenberg H G 22754 33987 55447
Klingenberg P H 12716
Klinger H 34569
Klinger H P 27701
Klinger J 53963
Klingler M 27830 32273 54327
Klingman G I 44283
Klingman W O 39163
Klingmüller G 27115
Klinke K 15410 41599 41603
Klionskii E E 33190
Klip W 12205 24322
Klisenko G A 48013
Klisiecki A 29050
Klisinska D 27863
Klissiunis N 54909
Kliucheva V V 22646 55761 55762
Kliuchikov V N 34710 34768
Kliuchnikova M I 33642
Klöne W 46238
Kloesel L G 12480
Klöti R 35022
Kloetzel K 8765
Klötzel K 51803
Kloetzel M C 2713 2726
Kløve H 23412
Klonowicz M 30798
Kloos K 39053 49081
Kloosterman G J 52547
Klopfer P H 21689
Klopfer W G 12429
Klopper A 40802
Klopper P J 29946 40468
Klosa J 42351
Klose H 15341 49055
Klosovskii B N 22659 45202
Kloss K 23797 45961 45988
Klosterhalfen H 11312 11336 11337 55604
Klosterkötter W 11363
Klotsch B 25199
Klotz A P 13157
Klotz B 2481

Klotz B 44996
44997
44998
Klotz E 19024
Klotz H P 32397 32398 32399 32400 36059
Klotz I M 21672
Klotz M 14709
Kloudová H 30954
Klouth J 51850
Klouwen H M 51613
Kludas M 29418
42278
44210
Klümper J D 30536
30537
30538
Kluge A 41771
Kluge E 43111
Kluger H A 11264
Klugmann G 53764
Klumpar J 48650
Klumpp R G 5836
Klumpp T G 50142
Klungsöyr L 38512
Kluppack H 22925
Klupsch E 29480
Klussmann F W 30570
Kluth H 31566
Kluthe R 19440
55468
Kluzer A 6282
Klyatchko N S 24208
24209
Klybas V 40477
Klykova A L 45711
Klyne W 50517
Klynstra F B 49321
Kment M 2739
Kmentová V 38229
38251
Kmety E 38171
Kmita S 30326
Knaack H J 51844
Knabe H 11160
Knake E 29123
Knake H 13379
Knallinsky M 9741
Knape M 43033
Knapik Z 30821
30840
30842
Knapíková D 7779
30743
30859
Knapp A 6084
18323
27176
Knapp D E 17213
Knapp H D 21675
Knapp J 43513
Knapp M E 6979
40300
Knapp M J 40237
Knapp R H 50111
Knapp W 19856
Knappe E 43608
49886
Knappe G 45843
Knauf H W 52563
Knauff H G 6087
19581
49897
Knaus H 22873

Knebel R 11254
Knebelmann G 28684
Knecht A T 25048
46528
Knecht A T Jr 54693
Kneise G 55705
Knell J 29896
Knepper R 42244
Knese K H 34432
55630
Knežević V 51693
Kniazeva G I 12133
Kniazeva G R 45175
Kniazeva L D 34652
Knick B 363
33980
34014
35600
Kniga A N 34651
Knight A 38033
Knight C A 10865
45827
47712
Knight C S 52408
Knight F 4096
Knight G 48249
Knight I A 2523
Knight J 15570
15593
Knight P L 50966
Knight R A 24737
Knight R H 13708
Knight S G 13783
19697
Knight V 1162 17568 25026 25027 51671
Knight W R 22170
Knighton R S 39926
Knights H T 30204
Kniker W T 43501
Knipping H W 46199
Knisely M H 35995
Knisely W H 2692
40877
Knittle J 18800
Knizhnikov V A 3821
Knobel M 49200
Knoblauch H 49036
Knobler Y 15670
Knobloch H 809
7881
22938
53623
Knoche H 33921
34439
Knoechel E L 40366
Knoepfel H K 45786
Knoff W F 24622
Knoll B 28783
30529
41632
Knoll H A 24543
Knoll J 28783
30529
41632
Knoll K H 23001
Knoll W 21658
Knoll W V 11769
Knoop A 34412
Knoop A A 35032
Knoop A M 34432
Knop W 46215
46222
Knopp A 30545

Knopp J 23116
Knopp K 11464
15874
42944
55741
Knopp L M 50949
Knorr D 6090
34097
45263
Knorr M 18280
25245
Knorre G von 53099
Knoth W 3208
15287
39796
Knothe H 13641 23157 30249 39853 43317
Knothe W 54941
Knott J R 47335
Knotzová K 30017
Knowles F L 17533
Knowles G S 51347
Knowles H C Jr 4867
Knowles L N 16550
Knowles R 54409
Knowlton G C 48758
Knox F H Jr 11800
Knox G 2113
Knox J 28444
Knox J M 10251
11557
11585
17522
Knox R 16051
Knox W E 540 4764 28265 28266 31353 35690
Knox W G 14759
Knudsen A 17894
48191
Knudsen E J 10606
Knupfer H 34284
Knuppen R 27899
42965
46177
46595
Knuth W P 4464
Knutson D L 4480
Knutson H 23951
Knutson J W 28105
Knutsson B 46663
Kny L 38882
Kny W 48354
Knysh I T 52856
Koang N K 38402
38416
Kobara Y 28695
41494
Kobayashi A 18160
18161
Kobayashi E 18171
Kobayashi H 15591
39368
Kobayashi Y 2814
12578
13389
40204
Kobayasi S 46631
Kobel J J 27831
27832
Kobeleva P S 11472
Kober G 15343
Kobiela J 8090
Kobielowa Z 30390

Kobinger W 15673
45515
Koblenzer P J 41458
Koblick D C 50576
Kobly'chak E A 55160
Kobrak H G 30930
Kobrick J L 23302
Kobrle V 25183
Koburg E 52173
Kobzin A I 47864
Kocaoglu H 20673
40649
Kocarev R 3105
Kocemba J 43654
Koch A 23785
Koch C 19200
19201
Koch E 6700
9978
51797
Koch F 19443
38979
Koch F E 45580
Koch F P 7849
Koch G 293
5011
10873
Koch H 13354
34035
36269
38883
Koch J D 19741
Koch M L 1280
40284
Koch R 9988 10009 12065 21290 28594 32638 32665 52647
Koch R B 25422
Koch S L 30665
40604
Koch T 46217
Koch W 25329
Kochakian C D 3426
39192
Kochanowska-Sikorska J 20237
Kochen J 4779
Kocher V 29777
Kochergin E G 51168
Kochergina V S 34807
Kocherygin V A 41553
Kochetkov V S 52869
Kochetkova G V 36387
Kochetkova Z V 22685
Kocholaty W 23288
23289
Kochs A G 3221
Kochsiek K 41740
Kochukova N B 31234
Kočí B 2737
Kocián I 35206
Kock W 43202
Kocmierska D 7773
Kocsár L 23740 24019 24020 28795 35948
Koczkás G 29168
29169
Koczoczik-Przedpelska J 38460
Koczorek K R 49677
Koczorowski S 20426
29050
Koczowski S 6881
Kodama J K 5750
11595

Kodama T 11103
Kodejszko E 30796
Kodina L A 36362
Kodja A 40827
Kodkin A S 9862
Kodman F Jr 11724
24464
35306
Kodolova I M 43542
Kodousek F 11347
Kodoušek R 36879
Köberle F 26511
Koechlin H 9153
Koecke K 34153
Koedam J C 1681
Koegler R R 2520
Köhler 15351
Köhler G 54320
Koehler H 12184
25186
Koehler H M 4567
Köhler R 22926
Köhler W 776 23007 42862 46097 46252 46267
Köhler-Kubelka N 27861
Köhlinger-Bonn A 3959
Köhn K 39534
45263
49138
Koek H J 41028
Köibel H 34491
Köibl H 11034
Köle W 22219
22796
55580
Koella W P 50940
Koelle G B 3483
17528
41753
Kølle-Jørgensen P 10635
43188
Kölling H 46187
Kölling H L 22206
Kølmark H G 19709
Koelsch F 11361
11367
42926
Koelsch K A 11213
Koelzer P P 1585 13646 36926 36941 36955
Koen E 16428
Koen L S 41968
König A 46093
Koenig A S 16856
Koenig D F 9554
König G 49908
Koenig G F 33880
Koenig H 11638
16965
40594
König K 49873
König K H 55524
König M P 9127
König P 21433
54221
Koenig S 24406
Koenig V L 8521
König W von 29037
König W F 47665
Könitopp H 11141
Koepchen H P 30507 30508 30509 30510 30517

Koeppe R E 40535
40549
Köppen E 11436
Körbel-Enkhardt R 49884
Körbler J 25177
Körlof B 43227
43228
Koerner A 40164
Körner K 51280
Koerner S K 17406
Körner W 34544
Környey I 16272
Körtge-Stöppler S 7105
Körting H J 46258A
Koesoemanto 41976
Köster K H 38844
Koester L 27914
46183
Köster R 35569
49843
Köstler H 38419
Köstlin A 20530
Kőszegi B 24027
Köteles G 52917
Köves I 30295
Köves P 43434
Koese T H 20749
Kofanova N D 36384
Kofler A 42454
Kofman I 9702
Kofman O 34895
38031
Kofoed Nielsen G 3473
Kofrányi E 38995
Kogan A B 49519
Kogan A G 3833
Kogan B B 18284
22154
Kogan E 12291
Kogan I B 3815
Kogan R B 9916
Kogan R F 45863
Kogan R P 9856
Kogan-Iasnyi V M 41656
Kogoj F 38865
Kogure T 858
Kogurov B I 22562
Kogut M 17290
Kohan S 39098
49151
Kohl G C 7619
Kohl J H 50378
Kohl S G 12416
20086
Kohlhauer E 49609
*Kohlenbrener R M 23521
Kohler F 22493
Kohler F P 53057
Kohler G D 49058
Kohler H 55442
Kohler R 16496
Kohlhaas M 42251
43312
Kohli J D 16328
Kohlrausch W 13380
36472
Kohn A J 4007
Kohn C M 45097
Kohn G 17843
Kohn H I 31489
Kohn J 15018

Kohn J M 23327
Kohn P 23020
Kohn R 31718 44093
Kohn R R 17364 50581 50582
Kohn S 5097
Kohnz R 19423
Kohonen J 8495
Kohout J 35431
Koide Y 1184
Koike M 13819
Koike T 46499
Koike S 54410
Kois G 18589
Koisman A A 10713
Koiss G 45933 52876
Koivusalo M 24813 24814
Koizumi K 12482
Koizumi S 39368
Kojecký Z 15465
Kojevova 38316
Kojima R 33889
Kojima Y 26781
Kok G 28228 43035
Kok J 10524
Kok P C 30001
Kokas E 27571 41625
Kokernot R H 24694
Koketsu K 19567
Kokiko G V 34950
Kokin M K 34823
Kokolovskii V D 53468
Kokoski C J 16700
Kokoski R J 16700
Kokot F 30787 30797 30815
Kokuga H 12702
Kolář J 39396 48612 50374 54946 55734 25358
Kolář S 2732
Kolárová O 34597
Kolars C P 40256
Kolb E 2871 29110 39830
Kolb F O 29534 33121
Kolb L C 12612
Kolb R 44945
Kolberg G 45262
Kolberg H 18958
Kolc J 11408 26521 26522 36357 54386
Kolčava M 38306
Kolchina T P 46823
Kolda M 2804
Kolder H 4707 30542 53087
Kolendo A 33782
Koler R D 12272
Kolesnik R S 55779
Kolesnik V S 11494
Kolesnikov S A 18287
Kolesnikov V 28766
Kolesnikova M A 31192
Kolesnikova Z K 55765
Kolesov A P 10751
Kolesov K A 55200
Kolesov V I 5946 41562
Kolff W J 2942 12510 18131 23389 54681
Kolganova N S 52978
Kol'gunenko I I 9849
Kolibaba A P 10785 10786
Kolihová E 15865
Kolin A 6758 7220 35799
Kolínská J 38208
Kolińska M 30796
Kolk W F van der 29931
Kol'kovski P G 49801
Koll J F 51829
Koll W 13652
Kollár D 3652 52177
Kollberg G 43246
Koller F 10324 10333 10350 10351 10353 21643 21645 22232
Koller G 39245
Koller K 43445
Koller T 3944 8140
Kolloto B 34522 34523
Kollros J J 44950
Kolman J M 26525
Kolman R R 49324
Kolmar D 55543
Kolmodin G M 12024 35380
Kolochine Erber B 32051
Kołoczek B 7180
Kołodziej J 20434
Kologlu S 54458
Kolomoitseva I P 28813 28818
Kolor M G 42987
Kološ T 39237
Kolosova N N 49427
Koloušek J 19635
Kołowrotkiewicz W 33738
Kolpakov G A 43395
Kolste F 43251
Koltay E 24017 24029 29157 29180
Koltay M 52170
Kol'tsova A V 37194
Kolychev V P 52970
Komai T 16453
Komar M 33371
Komárková A 38120
Komáromy I 20161
Komáromy J 12255
Komarov B D 3407 13842
Komarov N I 10952
Komarov S A 12579
Komeshko K K 33613
Kominek A 7817
Kominz D R 22220
Komissarov I V 39334
Komiya E 15775
Komiya Y 16454 16457
Komkova A I 22650
Komlós E 22358 29882 34341
Kommereli B 18319 34188
Komor K 29153 29158
Kompaniez E V 49188
Komrad E L 5412
Komrower G M 36537
Kon M 10560
Kon S K 37597
Konar N R 5157 40918
Koncz I 34282
Koncz J 29087
Kondakova N V 25909
Kondáš O 48646
Kondi A 13873 49213
Kondo A 8377 16460 16461
Kondō S 16807 16808
Kondo T 13318 38069
Kondor L 19751
Kondrashin N I 45637
Kondrashova M N 1750
Kondrat W 43685
Kondratenko O I 34796
Kondrat'eva E N 51925
Kondrat'eva I N 6636
Konecki J 20186 30388
Konečni J 9949
Konečný M 14823
Koneff A A 15616 49264
Konforti B 28763 28770
Kong G T 11377
Konigsmark B W 27324
Konikov A P 55761 55762
Konikova A S 27304 55771
Koning D A W 30634
Koniuchenko T I 33363
Koniukhov B V 1757
Koniukhova V A 11518
Konkin I F 13566
Konno J 10397
Konno K 25803 25804 25805
Konno M 1184
Kōno I 16469
Kono Y 4336
Kononenko E V 51935
Kononiachenko V A 32888
Kononjatschenko W A 15301
Kononova Z N 41518
Konopík J 14770
Konopka Z 15277
Konorski J 24047
Konorski J 50838
Konovalov N V 34810 55849
Konow V 38445
Konrad E 23050
Konrád J 44867
Konrad R 22197
Konrad R M 12890 22200 29118 29120 34559 52175
Konsanszky A 32202 32283
Konstantinov A 16412 16415
Konstantinov G F 3807 9925
Konstantinov G F 21925
Konstantinov H 41587
Konstantinov N 28709
Konstantinova B 28703
Konstantinova M M 52950
Konstantinova N P 25728
Konstantinova V V 33561
Kontesveller L 25467
Kontorovskaia T M 18892
Konugres A 2067
Konwaler B E 24730
Konzett H 19674 27841 27847 39240
Koo K S 2859
Kooi K A 19791
Kooi M W van der 52505
Kooij R 7281 16353 38866
Kooistra J A Jr 4725
Kooisbergen N 25681 49765
Koons C R 32516
Koons R B 22050
Koons R G 785
Koontz A R 19145 54848
Koontz R L 27817
Koop C E 43493 51043 53716
Koopmans K R 10518
Koops G 19721
Kooptzoff O 36992
Kooreman P J 52521
Koota G M 25031
Kopac M J 13235 18067
Kopas P 51684
Kopeć M 30718 53211
Kopecký A 38338
Kopecký M 38203 38205
Kopečný J 30951
Kopeliovich B I 34822
Kopell H P 19840
Kopelovich M A 53455
Koperko F F 10832
Kopf A W 20512
Kopf A W 39803
Kopf R 1577 1581
Kopmann E 3482
Kopoldová J 19635
Koporulin N V 10887
Kopp R 1586
Kopp S B 8385
Koppány T 30036
Koppanyi T 1444 12962 44980
Koppel J L 8661 10323 39553 54783
Koppenstein E 39384 39407
Kooper P H 24446
Koppermann E 51861
Koppitz E M 4917
Kopriwa B 51312
Koprowska I 26470
Koprowski H 1089
Kopša M 7667 9964
Koptelova E I 33164 33165
Koptelova M N 11469 11470
Kopteva E G 3555
Kopylov F A 52870
Kopyść Z 20241
Kora I 44600
Korać B 33364
Korać D 32615
Korać M 51699
Koráková K 30032
Koralewski F 42343
Koralnik O 39883 39884 44932
Koransky W 29884 43003
Korányi A 7703
Korányi G 18279 19313
Korb G 46575
Korb J 28398
Korbecki M 53215
Korbelář J 38286
Korchagina T A 5999
Korchanov G I 47889
Korchanov L S 10884
Korchek D L 20152
Korchemkina K M 33627
Korchevskaia V A 51742
Korchin L 43363
Korchin S J 46449
Kordan B 20880
Kordecki R 21560 53141
Kordon C 48818 48848
Korec R 38241
Korecký B 38201
Korelitz B I 49704
Korelova E I 22157 33176 33236
Korelova E I 33251
Koren K 22244 45415
Koren Z 24507
Korenevich N N 51188
Korenevskaia A A 45186
Korenevskii L I 33620
Koreniako A I 36384
Korepanov A G 3830
Korger G 1598
Kori N 16465
Koriakina T A 46821
Korin D L 10725 55159
Kořínek J 38152
Koritké J G 10041
Korkhov V I 41501
Korkhova N I 52981
Korliakova E A 39590
Korman R Z 16888
Korn M 1399 1703
Korn R 13017 26242
Kornadt H J 31563
Kornaszewski W 8083
Kornberg H A 12747 44951
Kornberg H L 29861 39221
Kornblueth W 34915
Korneeva A M 36362
Korner B 48250 51414
Korner I N 19068
Kornerup T 35349
Kornetsky C 50837
Kornev I I 55256
Kornfeld M 6724
Kornfeld W 12922
Kornilova A P 39589
Kornmüller A E 15881 36944
Kornstein A 534
Kornzweig A L 660
Korobko B G 45709
Korobkova E I 55794
Korobova F M 55240
Korobowicz J 28846
Korogodin V I 6649 47988
Korol' A P 34754
Korolev B A 5959
Korolev Iu F 22497
Koroleva A M 12147
Koroleva A P 55813
Korossy S 37236 48075
Korostelev V E 45860
Korostovtsev S B 32892
Korotkova Iu K 45735
Korotkova R D 34712
Korotkova V P 36359
Korovitskii L K 21887
Korpás J 38240
Korpássy B 3431 7688 24027 29019 34169 41627
Korpela A 36015
Korr I M 16686
Korsch B M 43527
Korsgaard Christensen L 45511

Korsh L E 33505
Korst D R 5255
5256
43144
Korte H E 25295
Kortekangas A E 35329
Korth F 55443
Korth F N 16215
Korting G W 15279 25295 25296 36432 36439 49089 51784
Kortilla K 24889
Kortz A b 12824
51159
Korus W 49906
Kory R C 42068
46952
46953
Korych B 26561
28423
Korzenovsky M 1716
Korzh A A 41538
45762
52859
Korzh S B 33595
Korzybski T 30890
Kos M 38265
Kós R 30289 30297 37237 51435 52885 55708
Kósa A 28856
Kosak A I 5438
Kosaka Y 4337
Kosanović B 9958
23678
Kosasih O 41968
Koschel H 22937
Koschevnikov P V 38886
Koschucharoff P 55696
55697
55699
Kościolek E 24055
Koseki A 50068
Kosenko A F 13845
49560
Kosenko S A 22677
Kosenow W 34093
Kosheleva L N 55201
Kosheleva N G 12149
Koshimura S 34174
Koshing C 29865
Koshino C 29865
Koshkin M L 3829
7934
Koshland D E Jr 16928
49470
Koshonti T 28787
Koshtoiants Kh S 47985
Kosiak M 13489
47785
Kosiakov P N 33650
48018
Kosiec W 38454
Kosilov S A 33481
Kositskii G I 9855
47981
49568
Koskas R 10591
Koskenoja M 23860
Koski K 24824
24833
Koskinen E V 24783
24794
36003
47367
Koskinen P 27303
Koskinen P J 24831
24852
Koskoff Y D 17156
38835
Koskowski W 47727
Košlak A 31517
Kosley M 4548
Koslin A J 43370
Kosmachevskii V V 18894
Kosmák I 48617
Košmiderski S 11030
30901
Kosmolinskii F P 39583
Kosobutskii L A 34631
Košťová V 43614
Kosowicz J 30791
Koss L C 24132
24156
24167
Koss L G 48543
Kossakowski J 6866
43684
Kossakowski K 6867
Kossey P 30022
Kossmann C E 10446
Kostant G 17726
Kostelecky A 18544
43094
Kostelník J 44213
55651
Kosteiný J 30770
Kosterlitz H W 14130
Kostić P 9963
32612
Kostić-Vujačić A 21950
27870
Kostiner E 53450
Kostiukovskaia O M 36361
Kostka E 20188
43630
Kostková H 21555
21556
Kostkowski A 30817
Kostov D 32818
Kostrikov V S 9877
41538
Kostrzewski J 20184
Kosturkov G 23611
32825
Kostyal A 32315
Kostyal L 30035
Kostygov N M 33189
Kostyrev A S 41529
Kosuge M 15584
Kosven A M 55314
Koszański E 20439
20442
Koszarowski T 20441
Koszewski B J 19711
Koszla M M 43694
Kotaiah P 27999
Kotake I 11103
Kotas R 14851
Kotátko J 26553
Kotelba R 20450
Kotelko K 53216
Kotenev Ia P 10897
Kothe W 26168
29105
55723
Kotin P 4639
48550
Kotina R I 21901
Kotiuszko D 29496
Kotkov B 3387
Kotlarek-Haus S 8102
53179
Kotliarov M Z 45719
Kotliarov Z M 10784
Kotov I A 18263
Kotov N 32748
Kotova G N 25749
Kotovshchikova M A 22532
Kotovskaia A R 52947
Kotrlý A 33797
Kotsalo K 24800
36026
Kotsianos K 46095
Kotsovsky D A 53842
Kott B 2774
Kottegoda S R 5785
41286
Kottke F J 13489
36704
40265
Kottmeyer G 49825
Kottová V 38338
Kotula Z 53218
Kotyk A 37140
Kotzaurek R 22752
Kouba A 11964
Koucky C J 5396
Koudelka Z 54321
Kountz W B 16345
40882
Koupernik C 3145
15217
Kourany G 11643
Kourias B 42412
Kourilsky R 15080 21308 21309 21375 32056 37929 37930
Kousmine C 30262
54128
Kousnetzov A G 28200
Koutny J 26203
Koutská M 38108
Koutský J 2756 14822 26520 38108 39754
Kouwer B J 29986
Kovář M 30255
Kovac W 46239
46243
46245
54390
Kovačević M 51720
Kovách A 29157
41631
Kovách A G 24016 24028 24029 24030 24036 24037 42386
Kovách E 24030
24037
Kovach R D 51639
Kovács A 7722
20162
34073
Kovács E 1369 3477 10277 10348 13879 13881 23151 32284 41636
Kovács F 11461
39734
Kovacs J 36305
Kovács K 3431 10575 10589 11189 41613 41627 41633
Kovács L 27133
46192
41612
Kovács M 7711
Kovács P 10570
28796
Kovács S 43010
43011
Kovács T 34472
55459
Koval G J 28242
Koval' M A 55247
Koval'chuk S I 19106
Kovalenko D V 33638
Kovalev E N 34697
Kovalev G G 5971
Kovalev G V 3557
Kovalev I F 10797
Kovaleva E V 20273
Kovaleva K I 53453
Kovaleva N I 55761
Kovaleva R V 34620
Kovaleva V V 55781
Kovanov V V 5994
Kovarfková A 38248
Kovaříková A L 36569
Kováts F 23178
29160
52916
Kováts F sen 3607
Kove S 16568
34962
Kovleva N I 55762
Kovtunovich G P 18247
Kowac W 30605
Kowal J S 16257
Kowal R 24691
Kowalczuk H 30315
Kowalczyk M 6872
33701
Kowalczyk T 40397
Kowalczykowa J 20190
Kowalewski J 33735
Kowalewski K 206 2549 20789 36574 39195 46597 46598 48575
Kowalska H 53143
Kowalska M 30773 30834 30838 30848 44189
Kowalski E 21298
Kowalski M S 7778
Kowarski A 7875
Kowarzyk H 30904
53213
53222
Kowlessar O D 33052
Kownacki R J 34983
Koya Y 19135
Koyama K 28693
Koyama T 40426
Kozák J 49335
Kozak W 29503
Kozanecki B 27592
Kozar Z 33680
33708
34522
34523
Kozareva M N 39592
Kosdroj H 23584
Kozheko P E 45752
Kozhevnikov I V 55201
Kozhevnikov P V 18864
Kozhevnikov V A 49518
Kozhevnikova A P 55218
Kozhina I S 36359
Kozhukarov V 28737
Kozicka A 20187
31514
34086
Kozicka J 33775
Kozik M 30081
30908
Kozina M 38308
Koziner V B 52987
Kozioł-Niemcowa K 30823
Kozlov I Z 45208
Kozlov M A 41513
Kozlov M Ia 6646
Kozlov V K 48016
Kozlova A V 10821
55250
Kozlovskaia L A 22708
Kozlovskii A A 34772
Kozlovskii P A 45240
Kozłowska D 33705
33706
Kozłowska I 43667
Kozlowski K 53167
Kozłowski S 33799 33800 33804 33805 33806 33807
Kozlowski V L 24627
Kozma C 21168
Kozma M 41617
Kożmiński S 20458
Koznova L B 6640
Košoušek V 14829
Kraan J K 52480
Kraatz H 23250
23253
Krabbenhoft K L 828
829
Krabisch H 23220
23225
55736
Krach J 29507
Kracht J 15625
15626
25797
Kracmar F 46641
Kraczkiewicz Z 48690
Kraczkowska R 33781
Kradec J 30019
Kradolfer F 32311
32312
Kradolfer H 20615
Kraemer A 24044
Kraemer R 49146
51840
Krämer W 27159
Kraemer W H 703
26471
Kraepelien S 289 290 293 12004 12005
Krätzig W 11457
49047
Kräubig H 22347
42330
Kraevskii Ia M 34727
Kraevskii N A 48033
Kraft C 28900
Kraft H G 29880
29921
Kraft H K 3736

Kraft I A 18879 33585
Kraft L M 55425
Kraft W 7083 42249
Krag C L 16363
Kragelund E 11865 11866 11874 45519
Kragh L V 860
Krahe M 9984
Krahl P 6651 12098
Krahn H P 14603
Krahnstöver M 15404 51256
Kraicer P 17239
Kraiko E A 22677
Krainev S I 22649
Krainick H G 3233 15411 39909
Krainova A N 55794
Krainta L 35801
Kraizel'burd L P 55156
Krajewski W 7773
Krajicek D D 50143
Krajnyak O 25006
Krakau C E 23837 23853
Krakoff I H 12526
Krakovskii N I 45674
Krakower C A 11744 40399
Krakowski J 45573
Král J A 2736
Kral T P 17091
Kral V A 12601
Králík O 51941
Kraljević L 10914 45903
Kraljevic R 53955
Krall L P 17765 27249
Králová L 9489 9490 9491 31795
Kralovánszky Z 52080
Kram D D 47237
Kramár J 4671
Kramarz P 54076
Kramer D W 3356
Kramer E 12374
Kramer E E 13604
Kramer H 28987
Kramer H H 33983
Kramer H P 53669
Kramer J C 21513
Kramer K 30539 30540 30588 30589 39218 53080
Kramer L M 20890
Kramer L M 53661
Kramer M 15749 28057 28058 29922 30183 37073 37336 37337 37338 37339 49413 53625
Kramer P 29264 46913 50459
Kramer P I 38086
Kramer R 54522
Kramer S 20921 22294
Kramer W M 8031 14755
Kramer Y 41267
Kramerová Z 27327 38282
Kraminskaia N N 34626
Kramm A 45092
Krammer F 22832
Krampitz H E 11302
Kranepuhl F 23183
Kraner J C 48732
Krantz J 33674
Krantz J C Jr 3165 12262 20492
Krantz K E 20060 40693
Kranz H 12078 12096
Kranz W C 52849
Krapf E 44191 44196
Krapf E E 24095 27953
Krapivnitskii A N 45594
Krarup B 272 10618 35291 35329 35330 52580
Krasavina T S 53038
Krasil'nikov N A 33154
Krasna A I 16932
Krasner L 17185
Krasner R I 16871
Krasnoproshina L I 48013
Krasnoschecoff N M 3497
Krasnova A I 10805
Krasnova A M 10229
Krasnova M A 51226
Krasnovidov V S 36369
Krasnovskaia F M 6248
Krasnovskii A A 25907
Krásný F 11847 11848
Krasovskaia A I 33576
Krátký A 2757
Kratochvil C H 14994 40681
Kratochvíl J 14804
Kratochvil K 11017
Kratochvílová V 28400 38137
Kratter F E 17752 17753 43256 47178
Kratz P 2679
Kratz R C 41055 50692
Kratzer G L 40995
Kratzer M 22952 22963
Kratzert R 29110
Kratzing C C 5555
Kraütele (Mme) 32920
Krauland-Steinbereithner F 33847
Kraupp O 30497 33985
Kraus G E 4664
Kraus H 11015 45981
Kraus M 38199 52179
Kraus P 22763 34487 46239 46246
Kraus R 39390 42303 49085
Kraus S D 5000
Kraus-Ruppert R 34219
Krause A G 12651
Krause D 13648
Krause E 34492
Krause F 11358
Krause H 15295 30500 30554
Krause I 51199
Krause M 29838
Krause R 11344
Krause R F 31361 31427 51575
Krause R J 54670
Krause R M 28323 33068 52614
Krausler J 22763
Krauss H 15323
Krauss L 18151
Kraut H 38995 40179 49884
Kraut J 37089
Krauter S 22883
Krauth C 23326
Krautwald A 23593 23612 33974
Krautwald A 52204
Kravchenko S I 45690
Kravchenko S S 54577
Kravchuk V I 45896
Kravetz P 4391
Kravitz D 14905
Kravitz E 12479
Kravitz E A 21714
Kravitz H 7864
Krawczanski J 53201
Krawczyk H 51317
Krawczyk Z 27591
Krawczyński J 30761 30801 30802 53196
Krawzoff M 55359
Kraychy S 28246
Krayenbühl H 23798
Krayer O 17946 41284 41286
Kraynick B M 54747
Krcilek A 978 26549 38133
Krčřílková M 10307 38315
Krčméry V 14801 38157
Krebs A T 6776
Krebs C 22391
Krebs D F 18093
Krebs H 9153 34113
Krebs H A 25864 39221
Krebs M 34188
Krech D 47102 50920 50921
Krech U 39863
Krecke H J 18321
Kredba V 6720 14847 14848 15345
Kredi E 21162
Kreger-Van Rij N J 25148
Kréguer A 21311
Krehl W A 35804
Kreibig W 38951
Kreider M B 11530
Kreienberg W 41747
Kreier J P 55006
Kreig A 23080
Kreimer A la 55157
Kreimer B la 1765
Kreindler A 5516 9139 25977
Kreindlin Iu Z 18269
Kreinin L S 22618 41700
Kreis B 25856
Kreis D J 24520
Kreisle J E 54854
Kreisle M F Sr 54854
Kreitz K 47670
Krejčí E 2736
Krejčí F 22357 48587
Krejčíř J 38357
Kreke C W 26338
Kremens V 24663
Krementz E T 13317 40318
Kremer H 42274 49758 55389
Kremer K 29015 38421
Kremer M 26158
Kremer M F 12160
Kremling H 29486 42314 42345 51838 51858 51869
Kremser K 55712
Křen V 11851
Krentz K 12091 35603
Krepler P 22765 34103
Kreppert L C 11089
Kresbach E 22816
Kresbach H 16095
Kresberg H 52850
Kress H F von 29793
Kretić M 51710
Kretovich V L 1726
Kretovich W L 35561
Kretschmer E 15817 33820
Kretschmer W Jr 38814
Kretz A W 33116
Kretz J 41775 46736
Kretzschmar E 55723
Kreuger A 16079
Kreul W 46060
Kreutzer E 5911
Kreutzer R 8712
Kreutzkamp N 13370
Kreuzer F 21690
Krevans J R 48375
Krevelen D A van 3757
Krey H G 43611
Kreyberg L 5621
Kreye E 38927
Kriachko I A 45247
Kriachko L I 7803
Kriachko L I 25759 34715
Krichevskii Iu A 45123
Krick W 19001
Kricke E 26162
Krieg A 22998
Krieg P 44304
Krieger D 27195
Krieger E M 24040
Krieger H 13314
Krieger H L 23329 23330
Krieger H P 5411 12336 28303
Krieger J S 2935 26609
Krieger V 29313
Krieger V I 29312 29313 29314 42122
Kriegsmann G 42265
Krigel' E 23266
Kriger Iu A 47989
Krijers Janzen E 15818
Křikal Z 14812
Křikava L 48634
Krikelis J 49687
Krimli A 36242
Krimmenau R 3749 23219 39547
Krimsky I 49488
Kring G G 11063
Kringelbach J 10632
Krinsky N I 11687
Krippaehne W 10131
Krippahl G 23059 23060 23071
Kris C 19623
Krisch K 49910
Krischek J 20827 42344
Krischke W 23609
Krise G M 23279
Krishna S 50983
Krishnan K S 4165 4166
Krishnamurthi M V 50620
Krishnaswami A K 16280
Krishnaswamy P R 13701
Krisman A M 2539 2540
Kriss A E 33161
Křístek A 14835
Kristensen G 319 35382

Kristensen H P O 10637
Kristián P 30032
Kristiansen F 10640
Kristjansen Å 41954
Kristjánsson H 28959
Kristman V I 10228
Kritchevsky D 7181 27410 49324
Kritchman M 12699
Kritter H 42434
Kritzler R A 12331
Kriukov P G 10830 43391
Kriukova I N 33574
Kriukova M V 5956
Krivak-Knežević Š 6722
Křivánek J 5495 38182 52342
Křivinka R 38115
Krivit W 46533
Krivorotov I A 22611
Krivoruchko I F 34751
Krivoy W A 5484
Križan Z 23576
Krizovskaia N I 55243
Krmpotić J 17624 35344
Krnjević K 5506 19529 51114
Kroc R L 49247
Kröger H 6072 47931 49919
Kroeger H H 42851
Krøjgaard B 45527
Kröker P 3610
Kroepelien S 45354
Kroepfli P 38859
Kröplin-Rueff L 25879
Kroetz F W 54859
Krogh H W 16534
Krogmann D W 13805 47970
Krogner K 38897 49048
Krogsgaard A R 12314 18425 23857 46613 46614
Krohmer J S 31645
Krohn J I 6523
Krohn P L 10494 50522
Krokfors E 36027
Krokfors G 36027
Krokowski E 15871 34239 39388
Król W 30694
Krolenko S A 49573
Kroll H G 5238
Kromann K 43213
Kromphardt H 25885
Kron K M 40312
Kron R 46195
Kronberger L 29402 45944
Krone H A 19428
Krone W F Jr 48399
Kroneberg G 1603 29891
Kronfeld D S 15237 16827
Krongauz A N 55259
Kronick D A 14341 22482
Kronig O J 43022
Kronja T 10903 45910
Kronschwitz H 32659 38445
Kroó M 39401
Krook G 10150 22136 43202
Kroon D B 23791
Kropáč J 23659
Kropatkin M 11617 12496
Kropff G 45969
Kropp R 49113
Krosch H 22970
Krotkiewski A 30838 53192
Krotkina N A 20196
Krotkov F G 39595
Krotkov G 21665
Krotoski J 53131
Krotov A I 13864 45622
Kroupa J 35036 48674
Krout R M 47770
Kroutil M 38244 38245 48608
Kroutilová J 38244
Krstić O 27866
Krstulović V 22353
Kruchinina I L 45721
Kruchinina N V 45215
Krudy A G 35912
Krück F 41729 35590
Krückemeyer K 55591
Krueger A P 5106
Krüger D W 34612 45989
Krüger E H 15333
Krüger E H 15397 29489
Krüger G A 12099
Krüger H 22978
Krüger H J 27018
Krüger H U 15360
Krueger J D 440 441
Krueger N L 11769
Krüger P 23557 27153
Krüger R 35591
Krümmel H 25824
Krüpe W 1579
Krüskemper H 35220
Krüskemper H L 27881 34012 35124 46589 46590
Krug E 46089
Krug G 19058
Krug H 6069 11205 22947 30501 30523 34031 55449
Krug K 22964 33912
Krug Filho A 8773
Kruger G 31867
Kruger L 40736 48047
Kruglikhina Z M 55797
Kruglikov V M 34625
Krugman A D 40705 40745
Krugman S 30436
Krukowska H 25806
Krulich L 21572 38224 38225
Krumbholz S 55713
Krumholz K H 11896 25213
Krumperman L W 38596 40264
Krumwiede E 31329
Krupina T N 34788
Krupinina M S 22631
Krupińska-Sanecka I 7825
Krupko I L 22534
Krupko I L 43401 45706 52863
Krupp M 50130
Krupp M A 47115
Krupp P J 26376
Krus D M 23417
Krusanova N L 33576
Kruschwitz S 38920
Kruse G 49054
Kruse P F Jr 48581
Kruseman H A 29961
Krusen F H 47783
Krusius F E 32250 32251 44889
Krustanov B 28735
Kruster B 41582 28727
Krustev D 32782
Krustinov G 28746 41568
Kruta V 36618
Krutikova I F 47854
Krutilin G 28718
Krutsay M 23103 23104 23127 41643 41644 55641
Krwawicz T 2093
Kryczyński I 30087 53176
Kryger J 45518
Krykowski E 53193
Krylov A A 22623 45238
Krylov D M 25733
Krylov O A 11512
Krylov P M 10763
Krylov V N 55758
Krylova N N 10890 33332
Krymskaia M L 45113
Krymskii L D 3409 11142 54548
Krynicki Z 30821
Krysbtal L 13316
Kryšpín J 14825 38228 38284
Kryspin-Exner K 22634 46053
Krystosik J 43636 53143
Kryzhanovskaia E S 7937
Kržišić L 36607
Krzemicka J 23580
Krzyhanovskaia M V 53462
Krzymień H 53139
Krzywicka K 37128
Krzywicki H J 46367
Krzywoszyński W 33687
Krzywy T 29499
Ksanfopulo P I 45649
Kshanovskii S A 20290 31222
Kshirsagar S G 40082
K'uang C H 38385
Kubáček V 23655
Kubacki J 30745
Kubala E 24738
Kubányi E 6334 55724
Kubát A 48651
Kubát K 36287 44868
Kubátová B 21554
Kubelka V 26561 28398 28423 34479
Kuběna K 38302
Kuběnková V 2800
Kubeš Z 14821
Kubiak J 20408
Kubicek F 19055 45935 46038
Kubíček J 11962
Kubicek R 37846
Kubicek W G 13489 35790 47130
Kubicka K 53162
Kubie L S 8354 50914
Kubik G 40446 40447
Kubikowski P 24053
Kubinyi J 41983
Kubinyi M 23766
Kubinyi M (Mrs) 7714
Kubišta V 25883 38212
Kubisty W 30860
Kubitschek H E 7124
Kublai D G 36362
Kubo H 26782 26783 48933
Kubo R 46154
Kubota H 50996 52315
Kubota J 7653
Kubota K 7653
Kubota T 14926
Kubrakiewicz Z 30729
Kubryk D 14633
Kubzansky P 17267
Kučera J 9448
Kuchaeva A G 19107
Kucher R 46007
Kucherov P M 34613
Kucherova L L 34713
Kuck H 38422
Kuczewska K 30796
Kuczyńska-Sicińska J 27593
Kuczyński J 27589
Kudász J 6330 29564 54939
Kudász J 55555
Kudela A 30114
Kudinskii Iu G 18239
Kudlai D G 36409
Kudo S 16802
Kudo Y 3601
Kudriashov B A 41645
Kudriavina N A 33602
Kudriavtsev V I 33150
Kudriavtseva N N 40530
Kudriavtseva N P 52962
Kudriavtseva V Ia 36378 36398
Kudriavtseva V P 34793
Kudrin A N 49441
Kudrin I D 7804 51169
Kudritskaia T E 22530
Kudrjashov B A 7182
Kübler W 34118
Küchel O 38125
Küchle H J 28886 51843
Kügelgen A von 34402
Khhböck J 27197 33832
Kühn G 3949
Kühn H 34052
Kühn H A 38974
Kühn O 11164 23724 46143
Kühn R A 28948 33900 33903
Kühnau J 15624
Kühnau W W 3301
Kühne H 29053 37751
Kühne P 34239
Kuehne R W 25158
Kühnel O 38308
Kühnelt H J 55737
Kühnhardt G 24274
Kühns K 49306
Kühtz E H 15395
Küllmar K 36457
Kümmel G 46166
Kümmerle F 3284 49064
Kuemmerle H P 6656
Künzel H 33848
Künkel H A 9983 9984 10013 32677 34166 46176
Künle A 15852
Küntscher G 34019 34298
Kuentz M 41141
Künzer W 6097 18328 19400 19416 19420 19429 34120

Künzle F 30606
Künzler F 52243
Künzler R 39906
Kürsten H 22780
Kürthy L **30284**
Küry G **4130**
Kürzinger R 49014
Küstner W **49044** **49035**
Kuetgens G 7089
Küttler R 19059
Kueznetsov A 55777
Kuffler S W 15707 28557
Kugel A I 42053
Kugelberg E 25973 25974
Kugelmass I N 13272
Kugita H 14924
Kuhl A 25312
Kuhl D E 53729
Kuhlbäck B 32234
Kuhle J 34119
Kuhlemann H 52303
Kuhlenbeck H 48139
Kuhlencordt F 27394
Kuhlendahl H 42930
Kuhlman H H 13560
Kuhlmann F 19382 29459
Kuhlmey W 6104
Kuhn B H 50237
Kuhn E 29110 52899
Kuhn H 29783
Kuhn H M 27192
Kuhn M 30785 30786 30788 30791 30792 30799 30800 30805
Kuhn R 12620 49188 49891
Kuhn W 35552
Kuhnen H 39245
Kuhnke E 12060 23087 53072
Kuhns J G 10121 40605
Kuida H 35802 44116
Kuilman J 20534
Kuimov D T 34707 34745
Kuipers F 16574
Kuipers R K 27556 49768
Kujawa R 30801 30802
Kuk B T 52213
Kukes V G 41699
Kukolj S 21192
Kukosh V I 41560
Kukowka A 4061 15342 15348 15371 15372 38901 49032 49041 49052
Kukowski H 23049 42389
Kuksenok N A 33204
Kuksis A 2543 2544
Kukuevitskaia A 43566
Kukulanu M 52961
Kukura S 9437
Kulaev B S 37198 48029
Kulagin S M 34634 **34635** 55791
Kulago O I **46817**
Kułakowska O P 33686
Kułakowski A **20441**
Kułakowski L 16039
Kularska I 43676
Kul'chinskii P E 31175
Kul'chitskii K I 27306
Kulcsár A 22208 29564 54939
Kulczycki J 30071
Kulczycki L L 7402
Kulenda Z **26523**
Kulesh M H 35654
Kuleshova Z S 45132
Kulig A 30393
Kulik A M 51217
Kulikova A N 33247
Kulikova K S 22707
Kulikova V L 11495 34674
Kulina T V 10776
Kulisch B 3739
Kulitzy G 16073
Kulka F **6343** 45467
Kulkarni B S 13334 40087
Kulkarni K V 27993
Kulkarni R D **16326** **40093** **40101**
Kul'kova-Davidenkova E F 34729
Kull E 20600
Kullander T 10155
Kulonen E 19952 24827 24828 24829 49207
Kulova N V 12162
Kulowski J 4310
Kulp J L 14416
Kulpe W 6100
Kul'tepina O S 7926
Kultysheva Z F 33262
Kuma N 16459 **16461**
Kumamoto T **34403**
Kumaoka S 52609
Kumar A 5169 28272
Kumar K 5181
Kumar M 52373
Kumar S 233 5169
Kumar S K 1706
Kumate J 1815 1818 5189 13904 37255 37261
Kumlin T 27277
Kummer A 7272 36862 36866
Kummer A J 3160
Kummer P 29794 52266
Kummer R 12038
Kummerländer L 11431
Kummerow F A 44136
Kumpula J W 4410
Kumta U S 40512
Kuna A 12623
Kunad T **41597**
Kunc L 38196
Kuncová M 48639
Kundratitz K 7092 **30040**
Kundsin R B **52593**
Kundu S **2049**
Kunert 34506
Kunert W 52190
Kunev A **41574**
Kunev K 28735
Kung L L 38416
Kunicheva G S 33510
Kunin C M 7863 25000 30119 31386 43513
Kunin M 50245
Kunitsa N K 34613
Kunkel H G 13628 17600 40816
Kunkel M F Jr **17199**
Kunkel N **16558**
Kunkel O 55574
Kunkle E C **46441**
Kunkler A 47593
Kunnas M **24887**
Kunofsky S **24726**
Kunos I 52885
Kunov A 16423 32816
Kunstadter R H 16585
Kunstler W E 6498
Kuntsova M Ia 13843
Kuntz A 23810
Kuntz E 25807 51785
Kuntz R E 24704 47271
Kuntze J 51822
Kuntze M **53095**
Kuntzen H 6737 33890
Kuntzmann J 42410 54606
Kunz C 32297 34469 **46244** 46245
Kunz H **22788** 39853 41715 **45943**
Kunz H A 3465 27842
Kunz W 34024 39231 49921
Kunze E 15280 38887
Kunze H M 13377
Kunze-Mühl E **48695**
Kuo N K 2849
Kuo P F 14939
Kuo P H 2862
Kuo P T 15005 35728
Kuo Y K 38373
Kup J 34449 34450
Kupalov P S 55180
Kupatz H 42862
Kupchik B M **46318**
Kuper J B 27801
Kuper S 2024
Kuperman I 14406
Kuperman V D 5985
Kupershtein R I 22549
Kupersmith I H 16358
Kupfer C 31440
Kupfer H G 30140
Kupferberg L L 16873
Kupke D 23603
Kuplan L 3797 39558
Kuplichenko M E 22686
Kuppenheim H F **46365**
Kupper H I 50284
Kupperman H S 13196 49512 **53359**
Kuprijanov V S 49552
Kuprijanova V M **39609**
Kuptsov M G 19100
Kurachi K 11899
Kurahashi K **13748**
Kurahashi K 37093
Kuraishi T 2806 14898
Kuramoto K **435**
Kuramoto R 40358
Kurashev R I 47871
Kurata M 16471 22917
Kuratowska-Lewartowska Z 43661
Kurban S T 39983 53845
Kurbyballo F V 6041
Kurc D 49742
Kurchishvili I B 45196
Kurella G A 25917
Kurepshliak M G 10714
Kureš H 2737
Kuriaki K 48934
Kur'ianova E I 33242
Kurihara M 24179
Kurilov N V 1766
Kuriyama S 16455
Kurkipää M 24793 27292 36002
Kurko V I 22684
Kurkumeli X 11059
Kurland A A 15575 19090 28552
Kurland G S 50419
Kurland L T 885 5280 17005 19786 28562
Kurland R 19814
Kurnatowska A 33745 33746 33747
Kurnick N B 24975
Kurochkina A G 32581
Kurochkina Z V 55799
Kuroda K 5270 26789
Kurogi H 4336
Kuroiwa Y 19790
Kuroya M 4337 40423
Kurshakov N A 9850
Kursheva A N 48019
Kurt E J 2937
Kurtev L 28739
Kurth H 45399
Kurth M E 881
Kurtin J J 513
Kurtsay M 34446
Kurtz D 8242 27024 54100
Kurtz E B Jr 13412
Kurtz G 12377
Kurtz G R 20082
Kurtz G W 48442
Kurtz H M 38086
Kurtz I J 172
Kurucz J 10578
Kurucz J 22360 23565 23575
Kurup P A 13340
Kurus E 51267
Kurygin G V 48036
Kurylo S M 1765
Kuryłowicz W 55777 55796
Kurz H 47926
Kurz R 3202
Kurzeja K 28412 31537
Kurzon A M 38575
Kuš H 11397 21999 **30690** **53130**
Kuś J 30329
Kusai K 1677 29814
Kusák I 11843
Kusaka T 40208 40209
Kusano K **18470**
Kusano N 16444
Kusch T **29923**
Kuschinsky G 13635 29885 29887 30552 53086
Kuschke H J 6095
Kusevitskii I A 31215
Kushinsky S 19556
Kushnarev V M 34678
Kushnareva E E 22703
Kushner B 16509
Kushner D S 51673
Kushner D J 47935
Kuška L 38318
Kusilk M I 10225
Kuśnierczyk W 30331
Kus'ova A B 34824
Kustov V V 39335
Kustrzycki A **6880** 6881
Kusukawa R 3602
Kusunoki T 45578
Kuterman G 12298
Kutner B 20900
Kutnerian K 4783
Kŏtová M 2736
Kutscha W 30506
Kutscher A H 4395 **4396**

Kutscher A H 13347
Kutschera E 28904
Kutschera W 11048
22792
22901
45939
Kutsenok Ia B 31206
Kutt H 31340
Kutter D 30599
Kutukova E A 18207
Kutumbiah P 4222
Kutushev F Kh 10751
Kutz E R 8557
Kutz S 16249
Kuusisto A N 24810
Kuvaeva I B 48046
Kuwabara T 82 86 2898
34946 46456
Kuwada S 14931
18165
Kuwajima Y 28399
Kuwata T 52302
Kuyjer P J 52536
Kuykendall S J 22034
Kuyp E van der 10527
Kuyper A C 4783
Kuypers H 9576
Kuypers H G 25979
Kuzicheva L R 33655
Kuzin A M 25913
33576
Kuziurina L A 19129
Kuzma J 12999
Kuzma J F 11795
Kuzman W J 35618
Kuzmanova P 32801
Kuz'michev A Ia 34753
Kužmicki R 33734
Kuz'min M K 33496
Kuz'mina Iu T 45863
Kuz'mina V E 10711
Kuz'minov V K 45851
Kuźmińska D 43672
Kuz'minskii A S 34650
Kuzmishin G 36257
Kuznetsov A 55796
Kuznetsov A I 53035
Kuznetsov A P 34624
Kuznetsov S I 33160
Kuznetsov V D 36385
Kuznetsova A S 46294
Kuznetsova L A 41679
Kuznetsova N I 34776
48018
55795
Kuznetsova S I 22665
Kuznetsova V I 55766
Kvasnička I 34283
Kvasnička J 9433
Kvasnička O 30951
Kvasničkova D 26532
Květina J 48630
Kvirkeliia M A 5957
Kvist H 19944
Kvittingen T D 30212
Kwaskowski A 28844
Kwaśniewski S 30853
30863
Kwiatkowska A 30331
Kwiatkowski M 20438
53120
Kwietny H 47940
Kwit N T 40301
Kwoczyński J 20448
Kwong E 5541
Kyank H 3739
25200
Kydd D M 3012
Kydd G H 16821
Kyi Z Y 9605
Kyle J 37645
37718
Kyle L H 4843
21850
Kyle P R 47000
Kyle R H 11770
54754
Kylin B 52708
Kylstra J 12033
12034
Kypalov P S 55188
Kyrieleis W 51257
Kyrle P 18314
22794
45990
Kyselka R 36451
Kyser F A 50721
Laaban J 14383
43980
Laage-Hellman J E 273
35288
Laanes S H 31237
Labadie P 21372 41116 54138
54162 54177
Labandera Goñi H 31014
Labandíbar B 21785
Labarca E 15675
Labardini I 13897
La Barre J 3119 3121 3120
13453 15155 15156
26197 26199 26835
26836 26837 26889
32952 37761 37790
48923 48924 48925
Labasse P 26724
Labayle J 13075
13076
36167
LaBella F S 40598
Labelle E 2533
Labelle H S 2526
Łabendzińska H 30868
LaBerge D 50545
Laberge J M 22454
Laberge M Y 30931
Laberke J A 39956
Labhardt F 53303
54373
54379
Labhart A 30273
39054
40189
54368
Labie 54300
Labie D 9028
24970
Labinskaia A S 11491
34655
Labò G 47822
47824
Laborie G 17658
41131
41132
Laborit G 47323
Laborit H 8236 9058 9059
9060 14379 16356
24052 24750 26800
26819 31948 34758
38737 38738 43968
47321 48869 48871
Labouesse J 37106
Laboux 36683
Laboux L 43751
43752
Labrack E K 41101
Labram C 15885
Labrosse E H 5464
9560
Labrousse Y 48035
Labry R 51367
Labs H 38425
Laburthe J C 974
Lacaisse A 21281
Lacapère J 9227
Lacassagne A 15062
26802
47997
48789
Lacassagne J 20669
La Cava G 40307
Lacave C V 46760
Lacaz P da S 8778
Lacerda N 44434
Lacerda Abreu C V 44471
Lacerenza C 5868
Lacerva S P 50761
Lachaine G 45543
LaChance L E 19553
Lachapele A P 5323 17656 41372
41373 41394 50360
50766
Lachard J 6395
51457
Lachard J 51467
Lachartre P 53387
Lacheretz M 53028
Lachiver F 48836
Lachmajer J 31540
33808
Lachman L 40358
Lachman R 50499
Lachmann H 11130
11137
22955
49031
Lachmann J 12529
Lachnit V 19003
23132
33826
49131
Lachowicz D 43639
Lachowicz T 33702
Lack A 631
Lack C H 19594
Lack D 53485
Lackenbacher R S 6530
Lackey J B 23326
Lackey R W 47095
Łącki M 7836
Lackner H 9830
Lacombe A 8787 21090 36901
51640 53886
Lacombe G 1699
Lacombe M 20662
La Commare A F 14002
14003
14004
Lacomme M 27716
Lacomme Y 8235
Laconi A 9296
24935
27438
Lacorte J G 16122
16154
21073
Lacoste G 54021
Lacour F 15063
Lacour J 15066
La Cour L F 7221
Lacourt G 43812
Lacquet L M 3128
Lacreta O 11456
Lacrițeanu V 31137
Lacroix G 6932
Lacroix P 39246
Lacroix R 26768
47355
Lacy O W 39163
Lacy P E 3354
34955
49173
Lacy W W 48738
Ladányi J 18587
22177
Ladegård-Pedersen H 45501
Ladelli P 31759
Laden C 35819
Ladislav B 21549
Lado P 55092
Ladosky W 8734
Ładosz J 29515
La Du B N 1263
LaDue J S 48699
48719
Ladunskii V M 8263
Ladwig H A 52465
52468
Lämmler G 34326
55578
La Fane P 20365
Lafay F 53383
Laffargue 2327
Laffargue M 26673
Laffargue P 26214
26215
Lafferty C R 5355
Lafferty K J 17400
Laffitte H 42423
Laffón Soto M 4064
Lafon H 13066
Lafon J 27948
Lafon J C 26831
32002
Lafon R 47435
47464
54905
Lafont P 26352
Lafontaine A 2292
25395
25396
25403
Laforest L 38014
Laforet E G 19819
36998
52648
Laforet J 8899
Laforet W 24229
43317
Laforgue R 24094
Lafourcade J 25500
La Franca S 54263
Lafuente J 8797
Lafuma J 38694
Lagadou 47749
Lagarde C 41410
Lagarrigue M 37068
Lagasse A 7761
9500
13061
19626
La Gattuta M 50917
Lagercrantz R 35352
Lagergren E 32988
Lagerholm B 23529
23707
Lagerlöf H 10178
Lagert I K 22624
Laget P 15092
15118
41391
54074
Lagèze P 21377 28486 28487
28488 29144 50787
Lagg S E 8524
40584
Lagier R 9020
21279
27572
Lagno A Ia 7787
Lago O M 43552
Lagodsky H 26766
Lagonigro F 6246
Lagowski J M 1347
Lagrange E 15151
Lagrange G 51060
Lagraulet J 26356
Lagrot F 405 24247 24263
26215 27708 31051
47373
Lagrue G 2480 3072 26174
47359 53398 53981
La Grutta C 24935
La Grutta V 37470
37471
Laguchev S S 37190
Laguens R P 25665
30243
Laguna J 21158
39445
43944
Laguna S 489
Lagutina N Ia 32541
Laha P N 4223
5175
17430
40916
Laham E 44703
44705
Laham J 44699
Lahaut 42418
Lahelle O 11981
Labey M E 7860
Lahikainen E A 35292
54493
54495
Lahiri D C 17438
Lahnèche B 36652
41397
Laico J E 8000
Laidlaw B D 7229
Laidlaw J C 6745
17023
Laidlaw J L 13182
36623
Laidlaw N F 18764
Laidlaw W M 13205
30934
Laifer J 33114

Laigret J 6423 51519
Lainé 47459 47460 47461 47485
Laine E 35411
Laine J J 27275 28993
Laing B S 5815
Laing J M 30101
Laing J T 52695
Laing M C 16989 29864
Laing P G 9968
Lainović Č 19710 22292 55059
Lainson R 26995
Laird A H 41414
Laird A N 2558
Laird M 15548
Laird R C 14176
Laird S M 24202
Lairet A C 37786
Laiter N 35476
Laitinen H 21989
Laitinen L 24105
Laitnen H 3311
Laje J M 15117
Lajoix-Beck H 9258
Lajos K 11431 25197 28786 41619
Lajos L 7507 25490
Lajouanine P 5479 8347 5480
Lajtha A 51304 52339
Lajtha L G 10574 10588 18345 22746 23217 30280 51423
Lakatos I 31474
Lake C F 29762
Lake C H 12240
Lake J W 51694
Laketić S 40084
Lakhanpal R K 39631
Laki K 9567 11538 22220 40542 40543
Lakomy T 55850
Larosina N D 44071 44072
Lakshmanan S 14532
Lakshmipathy P 50252
Lal H 9921
Lalaian A A 1459
Lalanne C 38864
Lalević B 38775
Lalisse A 29111 54927 54930 54936
L'Allemand H 29204
Lallemand M 1023
Lallement 9387 19202 19203
Lalli G 25441
Lallouette P 8250 37833
Lally J F 51599
Lalu P 42014
Lam C R 2434 39937 46527
Lam J 38063
Lamanna C 50341
Lamanskaia M S 33357
LaMantia L 47973
Lamarche 2008 2009
Lamarche G 41918 41919
Lamarche M 3105 26698 26943
Lamarche P 43961
Lamarque P 24181
Lamas D 44563 53963
Lamas H 53019 53024
Lamazou-Bet-Beder M 48789A
Lamb D 5277
Lamb D W 32365
Lamb J H 52653
Lamb L E 16597 16642 23285 24339
Lamberg B A 11900 54635
Lamberg P P 12330
Lambers K 380
Lambert A 9018 36062 36063
Lambert B 21810
Lambert B A 4847
Lambert E C 30154 30415
Lambert G 44633
Lambert H P 38620
Lambert K 37984
Lambert P 15994 54440
Lambert P A 47462 47463
Lambert P P 2297 2307
Lambert R 13014 41148
Lambert R 47744 53396
Lambert R J 18070 31263
Lambert R M 542
Lambert W E 50547
Lamberti-Bocconi F 37362
Lambertini C 42769 42785 42795 42796 42804
Lambertini G 37489 37490
Lamberto F 19213
Lamberts B L 16920
Lambiase M 13990 37368 39359
Lambić I 32605
Lambić I S 21964
Lambie R S 14571
Lambiotte M 37844
Lambling A 7767 32927 36654 44627 49156
Lambooy J P 25406
Lambotte R 26777
Lambotte-Legrand C 36195
Lambotte-Legrand J 36195
Lambrecht R 18960
Lambrechts A 26208 35356 36189
Lambrev S 32810
Lambrev Zh 32774 45284
Lamdin E 11613
Lamelin P 41433
Lamers H 30844
Lamers J 7836
Lamers J J 47845
Lamerton L F 14141 26030 32679 51300
L'Amezec H 26265
Lamfrom H 26963 26964
Lamirande G de 19661
Lamme L 15935 27522
Lammerant J 2923 26203
Lammers T 42917
Lamond D R 17226
Lamont N M 8491
Lamont P H 7256
Lamorelle A 9233
Lamoril P 41435 41436 51141
Lamote de Grignon C 44755
Lamote de Grignon Nicolau C 29380
Lamotta R 10437
LaMotta R V 626
Lamotte M 18622
Lamotte-Barrillon S 18622
Lampé A E 18978
Lampe I 31496
Lampé L 12181 34472 41615
Lampe-Hintzen D A 43028
Lampert H 4058 13384
Lampert P 17798
Lampert R 22176
Lampertico M 49587
Lamphier T A 18655 50763
Lamprecht G 18973
Lamprecht L 25311
Lamprecht W 1601 23062 27895
Lamson B G 136 137
Lamson E T 8646
Lamy 6407 51464
Lamy F 44971
Lamy J 18644 35049 35052 51454
Lamy J L 10669
Lamy L 53407
Lamy M 8883 24970 25442 25487
Lamy P 21338 54050 54057
Lamy R 434
Lancaster H O 18745
Lancaster J B 41200
Lancaster J W 28601
Lance 42446
Lance E M 1222
Lancefield R C 5001
Lancestre G 32067
Lancet M 49815 52829
Lanchantin G F 10243 40690
Lancini G C 49397
Lanciotti G 26599
Lançon R 44796
Láncos F 39735
Lancre P 6359 6360
Landa L 21156 44556
Landa M I 41532
Landabure P B 15501
Landahl H D 50587
Landau B 5432
Landau B R 2704 5433 31320 40473
Landau E 23556
Landau J V 39274 40448
Landau R L 13200 17041
Landau W M 1192 7392 9579
Landauer K S 47540 48757
Landauer R S 31637
Landazuri H F 53123
Lander D 2538
Landes B A 23448
Landes E 39798
Landes G 29794 52266
Landes H E 17616
Landes J 50094
Landesman E G 45602
Landesman R 3005 52654
Landgrebe B 53344
Landi E 21484
Landing B H 17387 46534
Landino F 1095
Landis G 54852
Landman M 12957
Landmann J 42193
Lando L I 34761
Landon J 53646
Landowne M 50586
Landowne R A 52316
Landrain A 46554
Landram J F 12730
Landry 13071
Landry M 34143
Lands A M 16707
Landsberg H E 21659
Landsmeer J M 23792
Landtman B 24897
Landucci Rubini L 29708
Landwehr H 25821
Landy D 18029 19077
Landy J J 16859
Landy M 17251 17252 37567
Landyś K 30023
Lane D 6468
Lane J P 55424
Lane J V 24673
Lane K E 36701 43619
Lane M K 26431
Lane N 14758
Lane R R 8487
Lane S L 17870 24673 24675 24677 24682
Lane T J 14161 28461
Lane W K 50170
Lane W Z 3164 3171 52642
Laner S 26059
Lanes A S 28147
Lanfranchi R P 24678
Lang A 46597
Lang B 23601 37141
Láng E 54878
Lang E K 811
Lang F 35565 45391
Lang F L 34145
Lang H 43017
Lang K 4040 25887 49120
Lang N 32705 34010 49335
Lang S 22019 22075
Lang W 42918 52256
Lang W R 656 10075 49504
Langan T A Jr 7224
Langballe C 37050
Langbehn H R 24704
Langbein H 27113
Langdon R G 37113
Lange 2008 2009 41125
Lange A 28024 34053A 55503
Lange G 38920
Lange H 11450 35183
Lange H F
Lange H W 49391
Lange J 16046 38970
Lange J de 29932
Lange J H 25182
Lange K 699 4494 35704
Lange M 34272
Lange R 52237

Lange R 52317
Lange R D 1782 17057
Lange R L 2909 14974
Lange W 8156
Lange W E 16731
Lange W G 53355
Lange-Cosack H 27164
Lange Dzn H de 17859 17860
Langeloh H 25250
Langemann H 3483
Langen C D de 12040 12041 26500 39079 52500
Langen D 3271 23085 25373 29467
Langen P 23616 25897
Langen S A de 29977
Langenbeck B 25339
Langendörfer G 34574
Langendorf H 18327 18339
Langendorff H 32638 32666 45264 45265
Langendorff M 10009 32638 45264
Langenscheidt M 34311
Langer A 15390 49782
Langer B 37991
Langer E 22804
Langer G 30053 39752 41610
Langer H 36877 46133
Langer J 30700
Langer L J 4748
Langer M 4283 48125 48127
Langer P 27905 27906
Langer S 38111
Langer W 11039
Langerijt J J van der 53090
Langeron L 15490 18082 24781 41433 41434 50556 51139 51140
Langeron P 41437 41438 42431 42438 51142
Langerowa H 7831
Langeveld M J 15819
Langevin R W 23309
Langfeldt G 45419
Langfritz H U 34245
Langgaard K 22430
Langham M E 14105
Langham R F 35 36 12726 40947
Langham W 14417
Langham W H 2712 27806
Langhof H 3223 12196 25291 49022
Langiardi J L 18136
Langlet J F 10984 22728 55361
Langley M 40565 40566
Langley P E 35656
Langlois M 18497 44753 47448
Langlois Y L 35800
Langmaid C 7384
Langmi 16333
Langmuir A D 1158 16333
Langner G 55611
Langot 49739
Langraf F 43839
Langre M de 42420
Langreder W 11446 25208
Langrehr D 33964
Langreuter R 46798 51830
Langsam A 15943
Langstaff I E 26437
Langston H T 8560 10110 27259 42082 54710
Languillon J 14434
Langwill K E 24644
Langworthy O R 47149
Laniëce M 9153
Lanier G E 11596
Lanier L R Jr 17669
Lanier R R 2725 4684 14742 31640
Laniez C 12991
Lanigan G W 50326
Lanman J T 16963 28244
Lanni F 21674
Lannigan R 51017
Lannon T J 40570
Lannutti F 39655
Lanoff G 23510
Lanoix J N 2453 11081
Lanos F (Mme) 44759
Lansberg M P 12032
Lansbury J 36910
Lansche W E 16984
Lansing A I 707
Lansing A M 14645
Lanter R 36123 48417
Lanteri-Laura G 47439
Lanthier A 566
Lantos B 4278
Lantos R L 4080 4111 52161
Lantz E M 16556
Lányi B 43102
Lanz F 21610
Lanz H C 38058
Lanz R 54326
Lanzani G A 38548
Lanzetta A 37458 37459 37460 37461
Lanzetta J T 40826
Lanzkron J 30177
Lanzl L H 12691
La Paglia S 44168
Lapchine L 10406
Lapeña D 42185
Lapenna M 3636
Lapeyre J 37880
Lapeyre M 24753
Lapeyssonnie L 13038 44739
Lapiccirella R 3874
Lapides J 18146 31390
Lapides M I 34792
Lapidus B 52624
Lapiere C L 26200 51062 51067
Lapière S 38867
Lapierre G 2529
Lapierre J 1033
Lapik A S 13855
Lapin J H 1786
Lapin R H 1786
Lapin S I 51169
Lapin V P 45864
Lapina A A 9883
Lapina I A 11515
Lapinsky G B 9818
La Placa M 9350 9359 9361 9371 9372
Laplanche C 49737
Laplane R 9238 25495 54074
Lapointe H 41915
Laporte 3157
Laporte L 8369
Laporte Y 26708 26885
Lapouse R 802
Lapp C 32920
Lapp H 27498 33534
Lappalainen A 24890 55520
Lapras A 20680
Lapras C 6206 41395 51386
Lapresle C 26320
Lapshina N P 22527
Lapteva N N 34682 34775
Lapuz B 22023
Lapyshev D. 45841
Laquerrière R 25439
Lara Manitas I 51659
Lara Navarrete A 29384
Laragh J H 13180 33063
Laramée B 33420
Larbre F 30439 51401 53032
Larcan A 8251 9103 9104 9105 9108 14358 31908 41370 47350 52260 53414 54048 54053 54064 54459 54460 54461
Lardennois R 17991
Lardy H A 4782 47725
Lareau D G 35466
Lareau J 28232
Lareng L 20670
Lareng M B 10406
Large C M 36347
Large S E 41414
Larger J 13079 13080
Larghero Ybarz P 25938
Largiadèr F 21606 45580
Largier J F 13395
Largo D J 22001
Largot F 24288
Larguèse J 13478
Larimer J L 12559
Larina M A 31147
Larina S P 55240
Laris P 4817
Larivière M 1427 14449 24296
Larizza P 27762 42601
Lark C 40456
Lark K G 40456
Larkin C L Jr 27083
Larkin J C Jr 28287 42078 49776
Larkin L 5652 13659 29868
Larks S D 12212 27707
Larmande A 14497 31918 31993
Larme E 32856
Larmi T 32715
Larmo A 23962
Larmon W A 8471
Larner J 1717 37125
Larno S 26750 26912
La Rocca V 19196
Laroche C 44760
Laroche F 34140
Laroche J 11245 11246
Laroche M J 13097
Laron Z 20778
Laros C D 12788
La Rosa G 42665
La Rossa B B 8607
Larra F 48913
Larrabee M G 5468 5469 41210
Larraín C 8907 21096 44568
Larralde J 8858
Larrère P 9078
Larrieu M E 31007
Larrieu M J 10352 21269
Larroche J 26754
Larroche J C 26911 54145
Larrondo F 5933
Larrotcha Torres M 35538
Lars-Olof P 35208
Larsen A 10599 45533
Larsen A A 38044
Larsen A B 12766
Larsen B 32230
Larsen D 10599
Larsen G 11697 47050 47051
Larsen J 3183
Larsen J A 32239
Larsen R D 11777 35881
Larsen R I 466
Larsen V 23991
Larsh H W 28226
Larson A M 4666
Larson C B 12375
Larson C L 53679
Larson D C 4244
Larson D L 20763 44101
Larson F C 49260
Larson L L 12741
Larson P N 6963
Larson P S 1441 10840
Larson R L 31467
Larsson B 19680 35484
Larsson K 4928 27564
Larsson L E 24091
Larsson L G 11906 35463 50414
Larsson M 13786
Lartigue G 36205
Lartigue O 48797
Larue G H 10498
Lasagna L 2344 17949 28288
Lasala A J 1840 8155 37279 44455
Lasansky A 8976 40587
Lasater G M 34989
La Scala F 28093
Lascano E F 31804 38057
Lascano J M 27226
Lasch F 11021 11043 19769 22790 29463 33827 46209
Lasch H G 6082 10342 27183 27186 29110 33973
Laschet U 45843 45844 45845
Lasco F 7668
Lascombes G 25454 25482 31974 31976

Lascombes S (Mme) 1066 36181
Lasersohn W 41199
Lasfargues E Y 38082 41186
Lasfargues G 25495
Lasher E P 5547
Lasher R L 36327
Lashkevich V A 22699 34670
Lashkov K V 9930 21921
Lashku N 46316
Lashof J C 5197
Lasio E 25595 42525
Lasker G W 724
Lasker N 5740
Lasker R 54397
Laskiewicz A 30305 49392
Laskin D M 28106
Laskina E M 39345
Laskownicka Z 33702
Laskownicki A 30692
Laskowska D 47436
Laskowski E J 17793
Laskowski M 16914
Laskowski M Jr 1710
Laskowski W 11274 46162
Laslett P A 28600
Lass A 15975 42243
Lassalle 2009
Lassek A M 52587
Lassen M 44893
Lassen N 1581
Lassen N A 9583 15008
Lassen U V 22410 22411
Lasser E C 20307 53719
Lasser R P 39556
Lasserre J 17655
Lasserre M 17660
Lasserre R 45014
Lassio A 1445
Lassman J 11738
Lassman L P 6194 36538
Lassner J 43973
Lasso de la Vega J 53951
Lassrich M A 49685
Laszczak W 16048
Laszewski Z 10491
László B 7709
Laszlo D 17573 25405
Laszlo J 5432 5433
László L 55555
Laszlo Z 10721
Laszt L 27835
Lát J 38190 38259
Lataix P 36634
Latalto Z 23582
Latarjet M 6303 38692
Latarroca R 20260
Latash L P 37175
Lataste F 3971
Lataste J 4826 40652
Lategola M T 31451
Laterza A 32123 32131
Lathe G H 37077
Lathrop K 11790
Lathrop K A 13316 54772
Laties V G 44962
Latifian K 32767
Latimer H B 46895
Latimer R 51888
Latiolais C J 19290
Latis G 48202
Latner A L 18455
Lato M 2961 2971
La Torre F 37381
Latotzki H 46104
Latour G 45544
Latour H 7042 7043 7044 7045 7046 7047 7048 7051 7052 7053 7054 7055 7056 7057 7058 7059 7060 7765 36672
Latscha B I (Mme) 36670
Latta H 31412
Latta R 12274
Lattanzi A 43338
Latteier K K 12675
Latterell F M 1348
Latteri S 42473
Lattes R 12338 14758 48546A
Lattimer J K 12657 41266 43504 52651 52672 55036
Latuske E 36434
Latvalahti J 24864
Lau H 10021
Laubach C A Jr 53051
Lauber H L 25371 25372
Lauber J K 49280
Lauber W 3747
Lauber-Sparre E 27839
Lauckner J R 51166
Lauda E 22822 45946 55379
Laudahn G 25901
Laudat M H 47359
Laudat P 2480 36055
Lauden A E 47003
Laudick L L 50962
Laue H 20129
Lauener H 30611 32325 39865
Lauenroth G 51809
Laufer A 3960
Laufer M 11854
Laufer S T 38045
Lauffer M A 1694 22610
Laufman H 8479 11783 22086 25041 54782
Laug E P 6774 36580
Laugeri V 29568 42541 43978
Laughland D H 29846 48459
Laughlin H P 758
Laughlin J S 53737
Laughlin M M 43620
Laughlin R 7259
Laugier M 25469 30440
Laugier P 2414 2417 50779
Laugwitz N 11159 15340
Laukkanen R 24814
Laulan R 31101
Laumann N 35950
Laumonier P 5316
Laumonier R 26901 53430
Launay J 50442
Lauras A 9153
Lauras B 48882 48896 48897
Lauras H 36631 36638 41474
Laurell A B 23943 23963
Laurell C B 32252
Laurell H 32252
Laurell L 29222
Laurell S 46693
Laurence A E 1837 1839
Laurence B R 55060
Laurence D R 14137 14138 53502
Laurence G 21364 21369 21370 21371 42424 54146
Laurence K M 41795
Laurenson G R 19924
Laurenson R D 54699
Laurent C 41408
Laurent D 36670 43957
Laurent F 9223 50354
Laurent G 26691 38747 38748
Laurent J 47444 47445
Laurent M 41434
Laurent Y 17993
Laurentaci G 46584
Laurentz F K 10251
Laurette, Sister 2528
Lauria D 9280 9297 37370 37373 37374 37375 49586
Laurie W 18419
Laurila U R 16914
Laurin C 10680 22463 55119
Laurin C A 38006
Laurin J G 10675
Laurinsich A 29709 53757
Lauritzen C 11430 23228 25209
Laursen L 22447
Laursen R S 512
Laursen T J 512
Laury M C 48862
Lauschner E 30966
Lausi L 9675
Laustela E 36005 47364 47365 47370
Lauster K C 20903
Lausz H 30715
Lauterbach C G 17173
Lauterbach F 30499
Lauterbach G E 1378
Lauterbach K E 23344
Lautrop H 23937
Lauweryns J 37036
Laux G 19370
Laux W 25850
Lauzé S 22455
Laval M 18002
Laval P 21376 30446 32057 41408 49732
Lavarino A 19241 19242
Lavat J 14485
Lavaurs 41403 41405
Lavaurs G 51442 51447 51461
LaVeck G D 43491
LaVelle A 479 5071
LaVelle F W 479 5071
Lavender A R 40058
Lavender J P 37634
Laver W G 13691 13702
Laverdant C 36541
Lavergne D 13039
Lavergne E 24263 27708
Lavergne E de 9646 38753 54049
Lavergne G 26067 44685 47032 48401
Laverne A A 39155 47179
Lavernhe R 416 417
Laverty G 5484
Laverty R 17959
Laverty S G 17054
Laves W 27140
Lavia J C 43922
Laviano F 19204 39701
Lavička J 208 11996
Lavie D 41296
Lavie P 38716
Lavigne C A 9728
Lavigne J 11856
Lavignolle A 41119 50770
Lavillaureix J 26876 38636 38760 54612
Laville C 9186
Laville L P 54677
Lavin A 54416
Laviolette P 26864 26866
Laviron P 6370
Lavnikova G A 33272 33591
Lavoipierre M M 25068 42985 47614
Lavollay J 26737 38667
Lavontaine J G 40593
Lavrent'eva A M 33511
Lavrič B 14056
Lavrich K D 7650
Law D B 28095
Law D H 33052
Law E M 969
Law J H 40482
Law L W 13249 42999
Law T 27338 44966
Law W A 20573
Lawler J C 23362
Lawless D K 24704 47271
Lawonn H 34356
Lawrason F D 38095
Lawrence A 33050
Lawrence A M 31289
Lawrence A N 20736
Lawrence C A 54706
Lawrence D G 14338
Lawrence D H 783
Lawrence D J 41006
Lawrence G H 22095 22735 47599
Lawrence G J Jr 24513
Lawrence J 53662
Lawrence J H 32698 54538
Lawrence J M 11952
Lawrence J S 13299 33065 36301 37225 46430
Lawrence J W 17291
Lawrence M 13288 23287
Lawrence M J 19569 42839
Lawrence M S 1224 11789
Lawrence N L 47621 47622 47623 50415
Lawrence W Jr 10080
Lawrenz K H 19058
Lawrie R 20597
Lawrie R A 19531
Laws C L 17665
Laws J F 54710
Laws J W 20471
Lawson D A 9620
Lawson E D 7876
Lawson G A 51564
Lawson G B 22579
Lawson J A 36328
Lawson J D 19852 55130
Lawson L J 23451
Lawson R 50500
Lawson R N 2622
Lawson R S 51526
Lawson W R 42814
Lawther P J 25996
Lawton A H 497 19141
Lawton F E 2081
Lawton R P 16248
Lawton V D 19521
Lawy H S 17394
Lax R F 53634
Layani F 21382 21760 40460 40461 44784 50353 54440
Laycock G M 25780 36989
Layman E 3026
Laymon C W 6960 46389
Layne D S 13729 14605
Layne J N 44953
Layous A 9047
Layrisse M 12406
Layssol M 10408 53236
Layton K B 17854
Lázár I 7691
Lázár L 23122
Lazar M 51719
Lazarescu D 25508 43343 43353
Lazareva N A 43562
Lazarevskii S A 55303
Lazaroni J A Jr 15035
Lazarus A A 9788
Lazarus S S 3423 23470 34023 46921
Lazcano F 53961
Lazcano M A 31467
Lazebnik Y 33448
Lazić M 29395
Lazić-Matić M 21939
Lazo Guerra A 13524
Lazo-Wasem E A 39205
Lazorthes G 8235 19770 53419
Lazović V 21937
Lazuga K 31513 31517 34086
Lazure D 2534
Lazzari A 2001 2002 2003
Lazzaretti B 41484

Lazzari A 49692
Lazzarini E 29819
Lazzaroni P 48101
Le D K 10023
Lea A J 18442
Lea C H 2083
Lea L M 35438
Lea W A Jr 4
10255
28441
50650
Lea-Plaza H 44566
44735
44756
Leach E H 17909
Leach L J 23344
Leach R B 16561
17043
Leach S J 26959
Leachman R D 11614
Leadbetter E R 25307
Leadbetter G W Jr 10118
Leadbetter W F 10118
18150
Leader A J 16581
35929
Leader L P 6133
Leader R W 15234
Leaf G 1654
Leahey B D 12444
Leahy K M 52793
Leake C D 50636
50816
Leake D A 35700
Leaming H 35942
Leão L 16123
16974
Leão T A 16132
Lear E 12978
Learoyd C G 20551
Leary G 38076
Leary R W 5067
50493
Leatham A 18389
18403
30408
53540
Leathem J H 8637
12952
Leather H M 10317
Leatherdale R A 41809
Leatherwood E C Jr 53670
Leau O (Mme) 32942
Leavell B S 1146
Leavens M E 54756
Leavitt D 22579
Leavitt L A 42084
Le Barre H 30438
Le Bars H 9169
Lebbe J 3955
Le Beau J 9136
Lebeaupin R 38796
42421
Lebec 54020
Lebec M 1306
Lebech P E 19943
Lebedev A A 55147
Lebedev A D 22695
Lebedev A P 21896
55167
Lebedev B V 45202
Lebedev D D 7925
Lebedev E M 31240
Lebedev F M 18304
33177
Lebedev Iu D 3800
Lebedev M S 33249
Lebedev N N 49553
Lebedeva N K 22656
33568
Lebedeva N N 18243
Lebedeva R N 41673
Lebedeva Z I 34648
Lebedinskaia S I 33604
Lebek G 46253
55692
Lebendiger A 46509
Lebensohn J E 12456
35772
Lebensohn Z M 23414
Lebert F 26349
Lebet S 14018
Lebeurier G 48806
Le Bideau G 21256
39474
Lebien W E 50741
Le Bihan J 38793
LeBlanc D R 807
LeBlanc J 4665
54479
54884
Leblanc M 20677
Leblois J 32388
Leblond C P 20794
41181
51312
Leblond W 10676
Le Blond W 55121
Lebo C P 51351
Lebo D 17160
Leboeuf B 22464
45545
Lebon P 403
26822
Le Borgne Y 36117
Le Bourdellès B 9045
21305
Lebourg L 15214
Le Bourhis J 7508
Leboutte G 11840
Lebovici S 15660
Lebovitz B Z 46452
Lebow M 22073
Le Bozec J M 2489
Le Branchu 32003
Le Braz A 25451
Le Breton E 24221
Lebreton J M 18626
Lebreton M 997
Le Breton R 26974
36090
Le Breton Oliveau G 1471
20128
51514
Le Brigand H 20518
21373
28367
54453
Le Brocquy J 12352
24373
Le Brun H I 2145
Lebsche M 22194
Leca A 43976
Leca A P 21416
Lecadet M M 15081
Le Canneller R 26220
Lecasble R 34142
54086
54106
Lecca G G 1283
Lecce J G 4722
Lecco V 37429
Lechat P 3104
Lécheile P 2478
Le Chevallier P L 21413
54184
Le Chevrel B 36644
Lechner F 42917
Lechner H 22803
29920
33849
Lechnir J 11331
Le Chuiton 31944
Leckey R G 38005
Leclainche X 54447
Leclaire S 15657
Leclerc F 51883
Leclerc G C 15190
51378
Leclerc M 24787
47357
53556
53558
Leclerc Y 24209
Leclercq J 36602
36603
Leclercq P 47374
Leclercq R 39494
39495
Lecocq E 26839
26888
38763
Lecocq J 49361
LeCompte P M 11753
27255
Lecomte G 27347
Lecomte J 3118 4267 13454 15160 15161 21325 21330 23524 23525 25834 26779 26780 28022 34997 38770 38771 40133 48908
Leconte 36130
Leconte M 996
2477
36141
47443
Leconte des Floris C 27716
Lecoq R 2303
37784
38647
38659
Le Coulant P 31104
41115
LeCron L M 51600
Lecuyer R 47438
Le Damany L 2474
36686
43753
Le Danois Y 38655
Ledeboer R C 52473
Lededer A P 18208
Lederer E 19589
Lederer F L 1181
Lederer H 20779
Lederer J 212
213
217
38815
Lederer K T 17282
Lederer L G 40440
Lederer Outes J M 8207
Lederis K 19690
Ledermair O 30568
Lederman M 31498
Ledermann S 31039
Ledesma A 8872
Ledesma D A 7594
Ledesma Jimeno A 31813
Ledig M 37834
38761
Ledig R 22988
Ledingham G A 2568
Ledinko N 22602
Ledinská N 2784
Ledinský Q 2784
Le Dizet P 26316
38708
Ledoux A 2417
23904
50780
Ledoux L 21286
44614
Ledoux R 3693
Leduc A 22455
33427
Leduc E H 17868
Leduc F 15190
Leduc J 31885
LeDuse L 14271
Lee van der 25402
Lee A N 16258
Lee B K 55579
55580
Lee C C 13335
Lee D L 30375
30376
Lee F 47573
Lee F B 12833
Lee F D 47608
Lee H J 22904
Lee H M 51069
Lee H W 44079
Lee J 5653
18393
52573
Lee J A 50253
Lee J G 47011
Lee J J 18140
Lee K T 17953
Lee L W 28160
Lee M 32693
Lee M M 724
Lee M N 47713
Lee P F 661
11701
47065
Lee P R 4011
Lee R E 24984
Lee T 38394
38417
Lee T C 23510
Lee T H 16915
Lee W 47969
Lee W A 8440
Lee W H 12825
Lee W H Jr 5806
35999
51148
Lee W L Jr 40281
Leech R M 52309
Leedale G F 47655
Leeds J P 2111
Leel-Őssy L 16278
Leemann R A 45787
Leemann W 44928
Leemans A 51344
Leemreis W 35078
Leenhardt F J 43831
Leenhardt P 18005
41404
Leeper L C 13402
50453
Leeper M 18896
Lees A W 12811
Lees D H 17833
Lees F 6129
Lees H 19504
Lees M 15683
Lees W M 1215
24722
Leetz I 38930
Leeuw P J van der 4277
44243
Leeuwe H 12029
12047
Leeuwen A M van 7274
29974
Leevy C M 13159 30171 47236 49168 54760
LeFanu W R 828
Lefebvre G 25484
Lefebvre J 32873
35435
41388
45011
Lefebvre P 2655
14389
27704
30464
Lefebvre Y 38720
Lefebvres-Boisselot J 15085
15100
15111
Lefevre A 11893
Lefevre F A 16967
30927
54672
Lefèvre J 32931
Lefèvre R 54039
Leff S 6549
18813
Leff W A 35706
Leffingwell T P 23383
37615
47128
Lefkovits A M 27550
Lefkowitz W 40773
Leflar V M 40001
Lefort P 15209
15226
Le Foulgoc 38689
Lefranc E 44730
Lefranc G 26821
Lefranc M 24808
Lefrou G 8240
13036
Leftin J H 36324
Lefton M 41196
Lefton M 53620
Le Gac P 14430
14440
14441
14432
Legait E 3107 26697
26941
Legait H 3106 3107 26697 26940 26941
Le Gal Y 24226
26239
Legaspi S B 8015
Legator M 50348
Legault-Démare J 13808
Legeais G 30469
Léger H 30451
36645
53444
Leger J 1340
Leger L 8234 31111 31982 40646 43967 43974 43986 53377 53384 53432
Legkodimova K V 55801
Legler F 6663
25233
25244
Legler U 49077
Legnani F 19165
Le Golvan P C 4963
Legolvan P C 46904
Legostev B I 49422
Legoux J P 3074
3075
Legowski T J 52307
Legrain M 2484 2485 15215 15223 26968 28686 31078 31084 31090
Legrand G 37836
37837
38667
54988
Legrand J 14514
Legrand J J 15064
38641
Legrand M 28609
Legrand R 3622
29134
36689
Legré 35051
Legre G 18646
20519
51443
51444
Legré J 17986
18006
18007
41407
Legros 179
Legros N 22387
Legros R 44643
44645
Leguen P 38737
Leguérinais J 37803
Le Guillant 36137
Le Guillant L 54844
Lehan P E 808
Lehane J A 52313
Leharle M C 38825
Le Hir A 1047

Le Hir M 6351 6352
Lehký F 34519
Lehman A J 6968
Lehman E 35684
Lehman G W 14646
Lehman J 29765
Lehman J S 35634 48703
Lehman L 48778
Lehman T H 33104
Lehmann C O 49912
Lehmann F E 27836
Lehmann H 2160 2248 7214 14202 19543 27910 28963 49915 52361
Lehmann H E 14700 26442
Lehmann I 23156
Lehmann I J 40715 46973
Lehman I R 4745
Lehmann J 48716
Lehmann J F 1480 7505 25515 25516 36701 43619
Lehmann K 37045 37046
Lehmann M 36648
Lehmann R N 3924
Lehmann W 10330
Lehner F 27034
Lehnhardt E 23048
Lehninger A L 16894 40527 40528 49914
Lehoczky D 18740
Lehoczky T 4132 43436
Lehodey F 25454
Lehongre G 38667
Lehotzky K 24015 28794
Lehr H B 54730
Lehr P 11180 11204
Lehr U 33551
Lehrer I 393
Lehrhoff I 13277
Lehrman S R 73
Lehrner H 22889
Lehtinen A 669 23871 23886
Lehtinen L 35222
Lehto S 27273
Lehtonen P 27296
Lei W 25301
Leibbrand W 6665 29411 29458
Leibel' S A 55165
Leiberman D M 20577
Leibetseder F 21633
Leibiger W 51272
Leibina E M 11474
Leibl K 3219
Leibman J 4854 30416
Leibman S D 12453
Leibowitz J 27370 49299
Leibowitz J 49300
Leibowitz J O 28395
Leibschn E 36338
Leibson N D 55312
Leider M 12
Leideritz A F 46358 55869 55877
Leifer P 30175
Leifson E 21979 25144 55684
Leigh D 44059
Leighninger D S 28163 50890
Leighton J 6115 17782 48563
Leijnse B 25149 52538
Leikin S 42048
Leikin S L 48787
Leikina M S 52859
Leimgardt H 18921 19057
Lein J 13336 16887 24999
Leinbach S P 28449
Leinbrock A 3996
Leinde L 24070
Leinzinger E 3750 3938 22747 34590
Leipert G 28886
Leistner W 49016
Leitan V I 12161
Leitão A 16148
Leitão J N 39467
Leite C S 39985 44437 44439 44442
Leite G 8763
Leiter L 16819
Leites A L 45600
Leites F L 55343
Leites S M 13851 20204 31145 37177 41647
Leith W 38013
Leithead C S 47608
Leithead L A 47608
Leitner M J 24430
Leitner Z A 6180
Leitzke K 27178
Leiva A 21180
Leivestad H 39276
Leja Z 20445 43668
Lejeune 47424
Lejeune E 31732 32208 41148 41944 47422 47423
LeJeune F E 41897
LeJeune F E Jr 18485
Lejeune J 9085 14423 21318 21320 23726
Lejeune L P 22455
Lejeune P 1078
Lejeune-Ledant G 26188 26194 26497 28354 35026 36677 38523 38769
Lejman K 31507
Lejues R 3061 38642
Lek B van der 46683
Lekishvili V P 45671 53452
Leksell L 11875 19688
Leland S J 48093
Lelievre J 38785 48958
Lelièvre P 26725
Lelio M 9748 9752 20054
Lelis I I 55209
Lelkes G 4964
Lell W A 36284
Lelong M 8877 21747 25450 32389 32390 32391 32392 47386 53030 53031
Lelord G 34140 34142 34144 41335 48870
Le Lorier 46747
Le Lorier V 46737
Leloup 44646
Leloup J 15065 48815
L'Eltore G 18529
Lemaire A 7094 7106 31039 31073 32914
Lemaire J 27343
Le Maire M 37049
Lemaire R 26860 29229 38745
Leman 41130
Lemarchal 2475
Lemarchands H 3035 5767 26678
Lemariey A 47472 47474 47475 47476
Lemay M 990 991
Lembcke W 15309
Lembeck F 29920 55378
Lemberger A P 40360 50257
Lembrych S 27594
Lemekhova R S 45211
Le Melletier J 28365 31901 32065 49747
Le Men J 48805
Lemenager J 32373 43765
Le Mer A M 29232
Lemere F 7499 8501 24635
Lemerle 18525
LeMessurier D H 4661
LeMeur G 35904
Lemieux J E 33431
Lemieux L H 41910
Lemieux R R 10656
Le Minor L 13037 47391 47392 47415 47416
Le Minor S 54004
Lemire Y 35622
Lemitis H 25192
Lemke G 3205 22980 25300
Lemke J 6098
Lemm F J 7873
Lemm J 17586
Lemmen L J 43128 45567
Lemmer M 37900
Lemmingson W 51270
Lemmon W M 35634 40935 48703 53573
Le Moan G 47430
Lemoine A N Jr 107
Lemoine B 24769
Lemoine D 54151
Lemoine J 9513 21589
Lemoine J M 2314 28378 32066 37932 49642 50561
Lemoine P 7508
Lemon A N 11733
Lemon F R 14543 24698
Lemon H M 4391 13679 48545
Lemonine D 2492
Lemonnier (Mme) 32935
Lemos C 16142
Lemoyne J 13081 13083 36152
Lemperiere T 9199 36121 36122 38640
Lempert K 30291
Lempp R 34205 34218
Lemtis H 30503 30551
Lemunyan C D 15603
Lemus V B 37178
Lena A 51461
Lena G L 2003
Lénárd G 3481 15674 24023 41609
Lénárt G 34282
Lenci G 36826
Lendle L 49307
Lendrum A C 5666 5667
Lendrum B L 46875
Lendvai B 7367
Lenègre J 1462 1464 1548 9187 21280 36671 43733 44607 47751 53980
Lenert T F 24735 24736
Lenfant C 29045 42506
Lenfeld J 38244 38245 48608 48609 48610
Leng-Levy J 5329 17651 17657 41113
Lengemann F W 17823
Lengerli A 22371
Lenggenhager K 18542 39840
Lenglart C 12991
Lengrand J 30438
Lengwinat A 15308
Lengyel A 23780 29185
Lengyel L 18826
Lengyel Z 52921
Lenk V 23002 34500
Lenke D 29883
Lennartz H 6691 23147
Lennep D J van 52545
Lennert K 35154
Lennert-Petersen O 23978
Lennette E H 895 17407 17582 24425 34877 40899 50716 50725
Lennon H 8691 53965
Lennox B 19642 40637
Lennox M A 50942
Lenoch F 9234 35206 38935
Lenoir A 14514
Lenoir J 53987
Lenoir L 6987
Lenoir P 45008
Lenormant H 38720
Lensch J 4612
Lenshin V T 3831
Lenshoek C H 19739
Lenson N 35879
Lenstra H H 29955
Lent M H 7461
Lenti G 33376 37303 37304
Lenti R 29681
Lentini E A 31362
Lentini T 20404 44763
Lentino W 35859
Lentsch R 22849
Lentz K E 4997
Lenz H 33850 42453 55429
Lenz W 6077 46601
Lenzenweger F 55392
Lenzi E 2496 14520 25632
Lenzi G 3846
Lenzi M 8549 9401
Lenzi R 27466 49596
Lenzi S 3884 6794 16024
Leo T F 14983
Leocádio J 42189
Leövey A 3429
Leon H C 6632
Leon M J 8425
Leon W 36312
Leon Y A 52422
Leon Blanco F 25935
León Blanco P 8839
León Villalba E 1819
Leonard A R 37948
Leonard C G 28216 28250
Leonard E 14999
Leonard J A 5061
Leonard J J 14035
Leonard L 38873
Leonard M H 4463 48771
Leonard M P 36324
Leonard M W 7636
Leonard R A 13693
Leonard R H 14163
Leonard S A 51053
Leonard S L 39207
Leonardelli G B 7752 37528 37530
Leonardi A 37527
Leonardi O 23753
Leonardi R 19169
Leone L A 26465
Leone N C 8439 8440 8441
Leone U 8459 44279
Leonel Lobo F 31838
Leonessi M T 13925
Leong J T 44142
Leonhäuser S 1683
Leonhard K 34197
Leonhardi G 25299
Leoni A 52002
Leoni R 44831
Leonora J 39209
Leonov I T 45894
Leonsins A J 9825 43151
Leont'eva L G 49790
Leontovich N A 7885
Leopardi G 26601
Léopold 26361
Leopold I H 90 10409 24546 34914
Leopold P G 11218
Lepage F 27704 27718
Lepage G 35239 35248
LePage G A 2698 26459 26478 38090 38091 48570

Lepard C W 8120
Lepennetier F 41392
Le Pera V 13126
LePere R H 32904
Lepeschkin E 12219 27825
Lepeshkina V A 19130
Lepetit J M 27328
Lepiakhov P V 55316
Lepinay B 17992
Lépinay E 28490
Lepine C 22454
Lépine P 26805 31077 47386 47412
Lepintre J 17987
Lepley D Jr 1280 40284
Lepley F J 23433
Lepointe G 32031
Lepoire J 7381 9135 54112
Lepoivre M 38789
Le Poole A 15799 29976
Lepore M J 574
Le Poullain R 30449
Lepp F H 21167
Lepper M H 3177
Leppik E E 20574
Leppla W 49929
Leppo N E 6969
Leprat J 9191 9658
Lepšík J 14877
Lepskaia E S 10809
Le Quesne L 48317
Lequime J 10504 37794
Lerat M F 26233 26274 26972
Lerch R 6686
Lerch V 28128
Lerche D 34092
Lerche E 30522 30527
Lerea L 5830
Lereboullet J 2492 9195 37921 37922 44162 54151
Lerique-Koechlin A 54072 54073
Lerman B 23346
Lerman J 29257
Lerman L A 45243
Lerman L H 48318
Lerman S 34916
Lerman V I 34746
Lerner A L 28831
Lerner A M 20771
Lerner E 20721
Lerner E M H 31364
Lerner E N 18200
Lerner I O 31174
Lerner L H 50271
Lerner L J 3416
Lernero B 32438
Leroi A 34374
Leroi-von May 34374
Le Roux A 50829
Leroux G F 54608
Leroux M 3151 43945 51879
Leroux M E 32192 44633
Leroux M P 26232 26234
Leroux P 26232 26234
Leroy 6396
Le Roy A 42427
Leroy C 1004 47754
Leroy L 1012
Leroy P 15078
Leruitté A 14359
Lerwick E R 20338
Lesage J 48852
Leschke W 26161
Lescinski S 9063
Lescommères J 14364
Lescovar-Marinescu M 9074
Lesseigneur A 54891
Lesèvre N 44737 54092
LeShan L 50880
LeShan L L 12633
Leshchiniuk I I 33185
Leshchinskaia E V 34652
Lesher S 31609
Leshin N 11728
Lesinski J 15277 27724
Lesky E 15461 55366 55385
Leslie E V 14145
Leslie J E 1307
Leslie M B 1240 22006
Leslie W G 41881
Lesné E 9663 54008
Lesney T A 41250
Lesnoi S K 12106
Lesný I 2786 27327 30407 38282 38283 38336
Lesovoi A G 5972
Lespagnol A 20795
Lespagnol C 8312
Lessa A 26887
Lessard A 10506
Lessard R 41922 48488
Lesse S 5459
Lessel B 41314
Lessertisseur J 42440
Lessing G 46186 47664
Lesslie I W 50470
Lessmann F P 35460
Lessmann H 11239
Lessof M 16059
Lester C F 921
Lester C W 36696
Lester G 16874
Lester R G 174 20946 50202
Lester W 15535
Lester W M 32535 47017
Lestradet H 21272 21283 25473 44612 48936 54448 54449
Lesur (Mme) 51876
Lesure J 18012 25486 31975
Leszczyński S 30720 30732
Leszek G 16132
Leszkovszky G 24036
Leszler A 52901
Leszynsky H E 11901 48320
Le Tacon J 32067
Letailleur M 36117
Letavet A A 33499 48671
Le Tellier (Mme) 25464
Le Tellier J 51403
Letemendia F 5497
Letemendia F J 50854
Leterme Y 36679
Letnansky K 18325
Leton D A 26580
Letondal P 55117
Letort J 44768
Letourneau C U 4083 4102 16165 27925 40000 49938
Le Treut A 14429 54031
Letterer E 4054 24310 29427
Letton A H 50798
Letton M C 12459
Lettré H 21301 22874
Lettré R 21301
Letunova S V 19119
Leuchs K H 35410
Leuchtenberger C 3764 49913 54708
Leupen J 11524
Leupold-Löwenthal H 32681 33834
Leuret J P 5322 17660
Leusch G 19385
Leuschner F 36937
Leusen I 36075
Leusenko N M 46829
Leushina L I 49520
Leutenegger M 431
Leutz G 25273
Leuzner E 6663
Levaditi J C 3066 14448
Leval M 17 18 11576
Levallois 41475 41476 41477
Levallois M 41471
Levan A 13252
Levander G 19937
Levander M 32976
Levander-Lindgren M 12053
Le Vann L J 48492
Levashov V S 36360
Levassort C 3053
Levassort C (Mme) 3057
Levatin P 662
Levchuk T P 33453
Leveille G A 41230 41236
Levenbook L 3489 3490
Levene A 2188 37683
Levene G 1176
Levene M 53231
Levens A J 10695
Levens H E 19435
Levenson A 38834
Levenson S M 38624
Levenson V I 55339
Leventhal D B 50101
Leventhal M L 12397
Lévêque B 25496 45005
Leveque P 50014
Lever J D 17225
Lever W F 17594
Leverett S D 50321
Levernieux J 3156 21405 31769
Leverton R 17820
Leverton R M 4118
Léveseque H P 32381
Leveton A F 764
Levey H A 15615
Levey S 13314 17586 24406
Levi A A 1642
Levi E 39706 51959
Levi F A 44807
Levi G 3887
Levi H 51291 51308
Levi L 17953
Levi N 32745
Lévi S 24751 28766 54023
Levi V E 21889
Lévi-Valensi A 32076
Leviant M I 33453
Levignac J 1009 1025 13070 32029 47375
Le Viguelloux J 44993
Levillain R 2482
Levin A M 45649
Levin A S 43539
Levin E M 9878
Levin G 47940
Levin G H 20 34847
Levin H 2834
Levin H 2835
Levin H J 16728
Levin H M 50189
Levin J 12863
Levin M S 45190
Levin Ö 25409
Levin S 9789
Levin W C 1778 10684
Levina D M 13859
Levina E N 31148
Levina G E 7889
Levina I E 33240 33241
Levina L A 34653
Levina Ts A 18303 45118
Levine A J 15948
Levine H B 28434
Levine E 52787
Levine H 44111
LeVine H D 46368
Levine H J 42158
Levine J 50384
Levine J M 50717
Levine L 45831
Levine M 2905 40729 40758 41361
Levine M G 28108
Levine N D 40410 40416
Levine P 55349
Levine R 16549 30936
Levine S 27410 44970 50507
Levine S A 7403 12204 24323 24324 47520
Levine S Z 43489
Levinson B 1783
Levinson B M 17357 17359 40722
Levinson C A 7535
Levinson D C 2893
Levinson S A 4147
Levinson Z H 19494
Levis S 47739
Levit F 34855
Levit M S 18900
Levit V G 34763
Levitan J 2724
Levitan R 3976
Levitin H 40682
Levitov M M 36388 36389
Levitov T A 25740
Levitt A 16686
Levitt D 36257
Levitt E E 4921 19098
Levitt J M 34905
Levitt L S 49351
Levitt M F 5413 5417 30150
Levitt S H 4450
Levitz A 26435
Levitz M 4869 37735
Levkoeva E F 25744
Levstal Z 27876
Le Voci I D 53884
Levrat M 6328 36649 47744 47769 51397 53396 54462
Levrel J 13029
Levvy G A 46789
Lévy A 6286 7045 7051 7054 7058 7059 7060 11673 36627 41395 44930
Levy A C 44098
Levy A E 45916
Levy A H 846
Levy A L 44080
Levy B M 17223
Lévy C 15886
Levy C C 40481
Levy D 36535
Levy D F 27064
Levy E 4819
Levy E J 41004
Levy E Z 40302
Lévy F 43965
Lévy G 16694 26242 26243 26279 26337 26341 35737
Lévy H 7057
Levy H B 6750 17253 29841 41077
Lévy J 24748 26913 54880
Levy J M 10026 25458 52019
Levy J P 54625
Lévy L 55099
Levy L F 2764 3398
Levy L H 50100
Levy L K 28497 47960
Levy L M 4682
Lévy M 4742 24772 26960 29961 47358
Levy M N 2919
Levy M S 5417
Levy R I 7220 37943 44291
Levy R L 35729
Levy R P 4852
Levy R W 17637
Levy S 13585 39978 42190 44457 50140
Levy S E 4585 50277
Levy S W 4846
Levy W J 14109
Levy-Lebhar J P 46857
Lévy-Lemann S 45004
Levycky N V 17912
Lew W 49255
Lewallen C G 50456 50457
Lewandowska K 20241

Lewandowski A 8063
30847
Lewbart M L 1352
Lewenfisz-Wojnarowska T 7815
7825
Lewi Z 3975
Lewicka J 43676
Lewicki B 46255
Lewin B 27039
Lewin B D 4596
Lewin E 22015
25179
25180
Lewin J 37924
37925
Lewin K K 47514
Lewin M L 50372
Lewin R 25405
Lewin R A 5088
39289
Lewin R J 6512
48727
Lewin W 48258
LeWinn E B 16510
Lewis A 93
6256
11679
47111
Lewis A A 20543
Lewis A B 44955
Lewis A F 3467
24510
Lewis A G Jr 21867
Lewis A J 13627
Lewis C 40387
Lewis C E 23374
31458
Lewis C M 576
Lewis D H 14978
Lewis D J 16497
22302
Lewis D K 48290
Lewis D O 10538
Lewis E B 54633
Lewis F D Jr 53670
Lewis F J 487 8480 10107 22009 22018 54683 54781
Lewis G K 624
Lewis G M 2253
10254
Lewis G P 5757
51097
Lewis G W 44970
50507
Lewis H B 20848
Lewis H E 8275
15047
22281
Lewis J 20875
Lewis J G 28965
37606
Lewis J H 4863
7870
Lewis J J 41309
41310
41325
Lewis J M 24589
Lewis J S 1186
7472
Lewis K F 48576
Lewis K H 47625
Lewis L 5937
33122
Lewis L A 12510
40673
Lewis M M 18037
Lewis M N 16555
Lewis M R 11791
Lewis N D 5445
5808
47168
Lewis O J 16791
16792
Lewis R A 20516
Lewis R E 8450
Lewis R F 28221
Lewis S M 41179
Lewis T M 28095
Lewis W B 48424
Lewis W E 5446
Lewis W H 17759
Lewis W P 3521
Lewis Y S 15672
28522
Lewis-Faning E 34998
Lewisohn R 11936
Lewison E F 10147
Lewit K 35426
Lewitan A 6491
52678
Lewy A 11726
Lewy R 44027
Lewy R B 11727
Le-Xuan-Chat 54311
Ley A 35418
Ley A B 48056
48540
Ley F J 13757
Ley J de 43075
Leydhecker W 28862
51247
Leyns J 30015
Leypold F 22857
Leyshon W C 55350
Leyton G B 14275
Leznik A I 33639
Leżyńska A 30332
Lhamon W T 17353
26083
L'Hermit M (Mme) 1007
Lhermite F 9626
Lhermitte F 44719
44737
Lhermitte J 49227
L'Heureux M 26416
L'Hirondel J 54450
L'Hoest B 17928
Lhotský J 52560
52277
Li A D 18223
45687
Li C H 1387 8639 15594 15599 15606 20770 28255 28256 29534 32336 47706 52294
Li C N 38392
Li C T 38415
Li G 45250
Li H C 2847
38411
Li H L 55805
55806
55835
Li H T 38396
38412
Li K 55840
Li P C 14942
Li P K 2845
Li P S 14938
Li T S 9887
Li Y 14940
Li Castri Patti L 6810
29574
Li-Li 55822
Liabot 1005
Liaci G 24937
Liacopoulos P 9626
26751
38698
Liacopoulos-Briot M 26751
38698
Liakhovitskii N S 55154
Lialikova N N 51929
Lian C 37793
Liang-Sheng Y 5133 5139 5140 5141 5142
Liapidevskii V K 39596
Liaras H 412
24260
Liashenko V D 34625
Liaskovskaia E I 11481
Liass F M 10944
Liban E 20094
Libánský J 2730
48583
LiBassi P J 22043
Libby W F 14407
Libekind M 31987
Libenzon L L 12114
54562
Liberman B 20733
Liberman D 21246
Liberman E A 47996
Liberman I M 41697
Liberman L L 22155
53456
Liberman T Iu 33231
33232
Libermann 21397
Libermann C 13050
Libermann D 35903
Liberson W T 47150
Libert C 23648
Liberzon G Ia 21883
28816
Libet B 5786
Libinzon R E 33561
Libman E S 45711
Libonatti E S 27209
Liboro N 7988
Libov A 27998
Libro E 37457
37496
Lich R Jr 33097
50689
55038
Lichner G 1318
Lichstein H C 13398 28213 28214 31305 44107
Licht E 20240
Licht W 46089
Lichten J L 49952
Lichtenberg R 31133
Lichtenfeld F 55598
Lichtenfeld F R 55467
Lichtenstein B W 50925
50926
Lichtenstein L A 9699
Lichtenstein M R 8133
Lichter M L 16590
Lichtin J L 47094
Lichtlen P 35789
Lichtman H C 7847
Lichtman H S 30190
Lichton I J 12547
12548
44096
Lichtwitz A 8795 9653 15213 24771 45012 47349 53441
Licitra V 24922
Lickint F 12202
19393
52202
52278
Liddell D W 5498
Liddell E G 6255
Liddell F D 26039
26057
Liddell J 26111
Liddle G W 23403
32522
Liddle W D Jr 22585
55280
Lidén K 45360
Lidholm S O 49115
Lidz T 24591
Lieb H 41726
Lieb W A 28908
Liébecq C 26293
Liébecq-Hutter S 36610
Liebegott G 18945
Lieben F 47930
Lieben J 12225
Lieber C S 3120
26836
26889
48924
Lieber S 11893
Lieberman A H 23402
Lieberman G 46951
Lieberman H 1356
Lieberman I 4758
4759
17247
44971
Lieberman J 53730
Lieberman J E 8439
12660
Lieberman M 50592
Lieberman R 50600
Lieberman S 28244
31457
33063
Lieberman W 24613
47144
Lieberman Z H 35808
Liebermann T 3650
3653
25338
39431
Liebert R S 11646
Liebich H 44946
Liebig H 51859
Liebknecht W L 42328
Liebling M E 48580
Liebner E J 24655
Liebow A A 6113
Liebrecht E M 27909
Liebster J 19635
Liechty R D 11811
Lieck H 40185
Lieder W 11208
Liedke K B 12936
Lief F S 40901
40902
Liem K H 15649
Liemer M D 8484
39460
Liem Khe Hoo 18569
Lien-Keng K 46542
Liener I E 37087
Lienhard C P 46733
Liepins K W 12520
12577
Lierle D M 1187
33017
Lierse W 55632
Liesch E 19205
Lieschke G 35127
Lieser H 42364
42941
45401
Lieser Z O 19039
42382
Lieske H 34327
55579
55580
Liétard A 11837
Lietze A 1342
Liévenaux A 9201
Lievre 38790
Lièvre C A 19266
42745
Lièvre J A 21390
44783
54180
Lièvre J A (Mme) 44783
Lifshits I I 3833
Lifshits N A 45117
Lifson N 35821
Light A 84
20722
Light I 5936
Lighterman I 20151
Lightfoot A S 14576
Lighthall F F 16488
Lightwood R 20563
Lilkane J 46726
Likar M 32205
37572
Like A A 23466
Likes C J 9554
Likhachev A G 45716
Likhotinskaia M V 18880
Likhtster I B 22159
Likins R C 4401
Likoff W 2904
35634
38488
46931
Liliga K 1388
Lilienfeld A M 14746 17019 17779 50888 53655
Lilienfeld R M 50286
Lilienfield L S 9583
Lilienfield L S 12332
15008
44102
Lilienthal J L Jr 4681
Liljedahl S O 23689
52711
52712
Liljestrand Å 20344
Liljestrand G 46691
Lill H 6064
11403
46008
Lillehei C W 5885 10144 14961 18113 27262 54662
Lillehei R C 13310
Lillie R D 17379
17386
28386
Liljekvist R E 23694
Lilly H A 26110
Lilly J C 24616
Lilly T E Jr 46738
Lilly W H 19962
Lim C H 17955
Lim D 28415
Lim H C 7991
Lim T P 16809
Lima A O 39984
Lima J de O 16146
30878
39984
Lima L M 13596
Lima Filho M T de 8781
Limarzi L R 17014
Limasset P 1069
Limberg A A 43408
45883
Limberger S 22987
Limborgh J van 7359
Limbour 32003
Limburg D 40466
Limburg H 24135
24157
31893
Limongelli F 52075
Limonnikov L G 18220
Limozin N 26294
48920
Lin C L 14937
Lin C Y 2865
Lin E C 4764
28265
28266
Lin M J 38377
Lin S 44332
Lin S S 887
Lin T A N 38410
Lin T J 7616
7633
Lin T M 51077
Lin T P 20792
Lin T T 38392
Lin T Y 17479
Lin Y H 38399
Lin Y Y 2861
Linares C A 39129
43860
Linares M G 6577
Linares R O 3346
Linazasoro J M 53924

Linch A L 38 474 11606
Lincoln E M 35906
Lincoln G J 19473
Lincoln R E 1305 1312
Lincoln T L 10969
Lind A R 17976
Lind J 16963 26503 28244 30431 35178 47489
Lindahl I L 47624
Lindahl K M 12019
Lindahl P E 29853
Lindau A 23940
Linday E M 17297
Lindberg A 32480
Lindberg L H 805
Lindberg O 1686 1687
Lindblom K 35436 43195 46662
Lindblom P 9773
Lindblom U F 46704
Lindbloom B O 21837
Lindbom Å 35463
Linde H 3445 30595
Linde H M van der 29938
Linde H W 959 24762 47333
Linde K 23610
Linde L M 12217 46541
Linde P 22139
Linde R E 40037
Linde S 32246 32247 54815
Linde T 17145
Lindeboom G A 9501 15797 29941 38519 43042 43073 45039 52493
Lindegård B 17984 32857 45053
Lindegren C C 7145 7203 39292 49327
Lindell A 35484
Lindell S E 49365
Lindemann G 34945
Lindemann K 34252
Lindemann W 42403
Lindemayr W 22772 25293 39802
Linden H D 42299 51831
Linden L W 24843 27293 36014
Linden M E 50236
Linden O 8342
Lindenberg A B 48799
Lindenberg J 11888
Lindeneg O 23960 33399
Lindenmann J 32310
Lindenmann J 54358
Lindenmayer A 25412
Lindenschmidt T O 29074
Linder A 49814
Linder F 29038 29098 38429 39070
Linder H 19383
Linderholm H 10178 11979 12053 35177 35185 46690 52711 52712
Lindfors K O 35392
Lindgren F T 23343
Lindgren G 9771 43177
Lindgren L 35270 47634 50978
Lindgren M 35125 46716 46719
Lindgren P 322 35423 35424
Lindgren S Å 10179
Lindgren S O 22112 24073
Lindhe B Å 31404
Lindholm Å 23697 35075
Lindholm H 43236
Lindig W 11149 34332 34342 34349 46204
Lindlar F 16391
Lindley R H 50542
Lindner A 22766
Lindner D W 19800 54692
Lindner E 27373 29893 40182
Lindner E B 19509
Lindner F 49911
Lindner G 47646
Lindner H 18341
Lindner J 6071
Lindner K 46834
Lindner T 32213
Lindon J A 50036
Lindquist B 32678
Lindquist P A 40324
Lindqvist B 35125
Lindqvist G 32479
Lindsay D G 3
Lindsay D R 47530
Lindsay J R 274 34929 41898 50215
Lindsay S 50422
Lindseth Ditlefsen M 54974
Lindsey D 20759 35820 46520 50733
Lindskog B I 23548
Lindsley D L 34378 54584
Lindström B 3761
Lindström N 46665
Lindtrop G T 18871
Lindvall N 11890
Lindvall N 23697
Line W 15820
Lineberger M I 52800
Linegar K 38040
Linell F 52744
Linenko V I 49543
Linev V I 21897
Linford J H 14628
Ling J S 12282
Ling K H 13796
Ling L H 50028
Ling N R 41848
Ling T 18201
Lingens F 46160 46174 47978
Lingjaerde O 27015
Lingjaerde P 210 26992 35132 45408
Lingjoerde P 35092
Linhartová A 23128 55639
Link G 23254
Link K P 47692 48711
Link R 35293
Linkberg A la 18262
Linke A 6082 35109 41749
Linke H 23612 55439
Linke P G 30593 33933
Linker A 1702 13810 21682 49460
Linkin V V 33518
Linko E 24822 24823 24825 24845 24861 26503 26505 35178
Links J 1711
Linkswiler H 5556 5557
Linksz A 54788
Linman J W 17581
Linn J E 21843
Linn R A 50715
Linn R H 1273 50137
Linnane A W 13765 13794 13835
Linnartz-Niklas A 39241
Linneman C 25315
Linnen H J 3293 43357
Linnér E 23879
Linneroth K 12006
Linnet-Jepsen P 23725
Linneweh F 8148 15452 34132 55512
Lino A 26315 37850
Lino O 52037
Linoli O 27501
Linon H 31938
Linquette M 36689
Linquist E G 4119 4126
Linsay A 3631
Linschitz H 11688
Linschmann A 34263
Linscott W D 40458
Linser K 38890
Linstedt G 34263
Lintner L 14775
Linton K B 18354
Linton R 522
Linton R R 52646 54671
Linton S 35943
Linz A M 52848
Linz R 26839 26888 35498 35497 38763
Linzen B 49892 49926
Linzenmeier G 23165 34463 39022 42247 51866
Lioia N 3594
Lion J S 26048
Lion M F 39979
Lionakis B 28598
Liot F 8243 15105
Liotta D 8754 44456 51877
Liotta I 26619 29126 29127
Liotti G 9280 9297
Liozner L D 33482 45631
Lioznov S E 55169
Liozon F 2487 37919
Lipats A A 18305 52959
Lipchev G Kh 32743
Lipchuck L M 17935
Lipchuck L 17939
Lipets V Ia 20272
Lipets L E 678
Lipiński B 23585
Lipiński W 38476
Lipkin E A 21408
Lipkin M 576
Lipman V 5493
Lipmann F 4767 4768 9557 40489
Lipmanovich A S 55203
Lipner H J 49269
Lipnicki B 30899
Lipovetskii B M 10237
Lipovetskii M S 45191
Lipowski Z J 41193
Lipp R 34057
Lippelt H 36921
Lappenholtz A 31006
Lippert E 11183 34464
Lippert K M 25047
Lippi B 1510
Lippi B 36747 36751
Lippman H 24623
Lippman H S 52127
Lippman R W 607
Lippmann G H 43577
Lippmann K 25267
Lippold O C 51087
Lippoldt R E 47971
Lippschutz E J 30173
Lips G 34067 34104
Lipschitz F 55283
Lipschutz A 29872
Lipschutz E W 7456
Lipscomb A B 838 5863
Lipscomb H 38680 54532
Lipscomb H S 3422 27251 49277
Lipscomb P R 12700 16975 32513
Lipsett M B 4871 16565 31376 48574 50413
Lipshutz H 50114
Lipsits D V 1733
Lipsitt L P 26574 50546 51051
Lipsky S R 52316
Lipson C T 54632
Lipson L 7458
Lipton A A 15576
Lipton M A 9552
Lipton M M 31374 44078 54544
Lipton R A 13146
Lipton S 40895
Lisa J R 3375 23502
Lisager H 33388
Lisboa B P 9022
Lisbôa L C 44449
Lisboa P E 4358
Lisbon R M 8788 44449 44450 44451 44473
Lisbonne H 19345
Lisch K 28871
Liscia G 1457 6389
Lisco H 2343 51299
Lishke A A 5958
Lisi G 8602
Lisiecka-Adamska H 30751 30855
Lisitsyn Iu P 28835
Lisitsyn M S 45660
Liska K J 40384
Liška M 15841
Lismonde G 35248
Lison L 5762
Lisovskaia E V 49787
Lisovskaia G M 23861
Lisowski J 54387
Liss E 33617 25897
Liss L 5522 11664 13273 19802 23813 23814 34420 46474
Lissac J 2487 3067 8243 26814 26299 26659 53985 54157
Lissag J 15105
Lissák K 3430 35369 35371 46210
Lissia G 20972
Lissievici-Oprescu E 9459
Lissitzky S 13832 15130 26298
Lissner H R 22073
Lissner J 39377
List P H 36460 49890 49903
Lista G A 20641 43858
Lister B A 21519
Lister J 52640
Lister M 9778 32487
Lister W C 2066
Listerud M B 850
Liston M F 19151
Listwan I A 18732
Lit A C 7307
Litarczek D 44007
Litarczek G 9245 44006
Litchfield J A 15055
Lithgow W C 40611
Litin E M 16658
Litmanovich K Iu 45663 45675
Litovchenko E T 55845
Litričin O 9947 21947
Litschel E 15344
Litsky W 2560
Litt B D 47526
Litt R 18528
Litta Modigsani R 3584 31775 39354
Littauer D 49369
Littell A S 4852
Little A B 19822
Little A M 30201
Little D M Jr 967 54712
Little H N 2560
Little J A 50696
Little J M 17074
Little J R 40282 48595
Little K B 17170
Little L A 29780
Little M 4282 18744
Little M F 40763
Little R C 564
Little R M 2557 2559
Little W A 12408 20044

# CURRENT LIST of MEDICAL LITERATURE

Littlefield J B 18126
Littlefield J W 37069
Littlehales C E 19973
Littleton J T 3931
Littman M L 11680
31360
46388
Littmann D 37910
Litton L O 12701
40619
Litvak J 21182
21185
35091
Litvak L B 46296
Litvak Bruno P 31006
Litvin F F 25915
Litvinenko M D 18199
Litvinov L D 45604
Litvinov N N 45758
Litwin J 53141
Litwin M 20424
Litwins J 52671
Lityńska J 38462
38473
Lityński M 43643
Litzow T J 5283
6984
Liu C K 14977
23643
24353
Liu C N 28302
Liu C S 14938
Liu C T 40904
Liu O C 559
Liu P L 14946
Liu T C 38392
Liu T S 38390
Liu T Y 2852
Liu Y Y 14947
Liubetskaia M Z 9886
Liubimov N N 23265
23271
Liubimov V I 19128
Liubin F A 9929
Liubovskaia P I 15764
Liubskaia I I 45180
Liubushkina V M 55812
Liutrovnik L L 31215
Live I 14467
Liven A N 47877
Livergand M I 49799
Liverman J L 1366
Liverman L 5365
Livermore D I 41165
Livermore G R 55048
Livingston H J 30110
Livingston H L 1445
Livingston W K 5510
Livingstone G 17632
Livingstone J L 1202
41293
43786
Livingstone P D 18351
Livkina E G 11471
Livrea G 37148
37149
37150
Liwszyc S 8099
20465
23590
Lizaur Gomendio J L 21117
31814
53905
Lizgunova A V 22499
48043
Ljaljević M 6629
9962
Ljubibratić S 41929
Ljubisavljevic S 9961
10561
Ljung O 43182
Ljungberg S 32836
54813
Ljunggren H 22111
Ljunggren K 45359
Ljungström C E 22131
Llamas R 21160
44559
Llambías M 43909
Llavero F 25370
Llewelleyn C J 5722
Llewellyn J S 17564
Llewellyn-Jones D 14784 18772 18773 18774 18775 18776 18777 18778 18779 18780 18781 18782 18784 18785 18786 18787 18788 18790
Llombart Rodríguez A 42211
Llopis Mari A B 44588
Llopis Rey J J 44513
Llory J 5771
15136
Lloyd A G 52389
Lloyd B B 20916
Lloyd C F 41303
Lloyd C W 17036
Lloyd D P 15692
50564
Lloyd F A 31584
Lloyd H E 50478
Lloyd H M 41836
Lloyd J 6147
Lloyd J R 11780
Lloyd T 53648
Lloyd V A 5805
Lloyd Davies T A 6481
Lloyd-Jones E B 26121
Lluesma-Uranga E 27240
Lo K J (Mme) 28374
Lo M C 54698
Lo R 15056
Loaec Y 30452
Lob A 29442
29462
35578
Lobato O 13608
Lobeck C C 20776
Lobel I 6591
Lober P H 30098
Lo Bianco S 3854
Lobitz W C Jr 5218
11559
17520
17521
Lobkova T N 10945
Lobl K 13153
Lobo F 8773
Lobo-Onell C 14756
Lobo-Parga G 3690
Zobodzińska M 53209
Lobpreis E L 22071
Lobrichon P 9636
Lobstein A 14502
Lo Bue B 52086
52092
Localio S A 22021
54758
Locatelli A 27756
Lochar M 14771
14846
Lochard J 21333
Locher G L 50022
Lochhead A G 1608
Lochner W 28945
Lochte H L Jr 37222
48055
50711
Lock F R 38585
Lock R H 2196
Lockart R Z 17477
Lockart R Z Jr 22607
54402
Locke B Z 53625
Locke J M 1299
Locke R K 16746
Locker A 15666 23079 30549 33994 34030 39253 39254 46178
Lockhart I M 25859
Lockhart J 46771
Lockhart L B Jr 21713
Lockhart W R 13348
Lockhart-Mummery H E 53513
Lockie L M 9761
41178
Lockner D 3450
Lockwood C H 14706
Lockwood J H 9
Lockwood W H 7151
Lockyer W J 19597
Locoge M 35232
35240
Loddo B 9353
16007
Loder R E 35979
Lodge W O 11730
50754
Lodi A 3586
44328
44825
Lodi R 51989
Lodigiani M 6271
Lodin A 23529
Lodone M 37434
Lodwick G S 37435
827
8564
Loe R H 850
Loeb C 19233
27316
48966
Loeb J 7204
50737
53998
Loeb L 30484
35261
46657
Loeb M 31382
Loeb V Jr 36874
Loeb W F 40409
Loebeck M E 2709
Loebell G 3955
Loebell H 40970
Loebenstein H 55597
Loebl K 3961
16401
Löblovics I 20171
Löfdahl A 25168
Löffler H 27507
32309
39864
Loeffler R A 20399
Löfgren B 30219
45331
54487
Löfgren F O 35419
Löfke M 34268
Löfkvist T 23940
Löfmark G 22114
Löfstedt S 24079
Löfving B 24087
Löhr B 29029
Löhr G W 18336
41744
51845
Löhr H H 27380
32651
Loeliger A 10346
Loeliger E A 52475
52484
Loennecken S J 12881
27486
Lönnecker S 46135
Lönnum A 35405
Loeper J 2483
9203
31039
32914
Loeper J (Mlle) 2483
Loeper, Jacqueline 26849
Loeper, Jacques 26849
Lörinczi K 51193
Lørring A 22407
Löschcke C 25352
Loeschcke H H 30507 30508 30509 30510 30561 55562
Loesser A 33977
35119
41727
Lövei E 49811
Lövey A 48076
Lövgren O 45330
Løvtrup S 315
4992
5491
Löw B 23936
Loew E R 36584
Loew F 27174
Löw H 1686
1687
Löw J 29457
Loew K 39542
Loew K H 55399
Loewe I 42269
Loewe-Lyon S 30229
Loewenfeld I E 39172
Loewenstein R M 4296
4302
Löwenthal A 35253
Loewenthal M 3968
39777
Loewer K 6086
Löwers G 46844
Loewke C 11229
Loewus F A 47955
Löytövaara L 32484
Lofferer O 3990
Loffredo Sampaolo C 37377
37491
37523
Lofgren E P 39142
Lofgren K A 3664
Lofland H B 16902
Loftus J B 20082
Logan A C 13798
Logan C R 34892
Logan E 20354
Logan G B 46535
50216
52131
Logan M A 40541
Logan P 28451
Logan P L 5234
17543
Logan R 6162
14081
Logan W D 22047
Logan W P 7034
Logemann W 42963
Loghem J J van 10965
Loghem J J van Sr 7278
7293
Loghem-Langereis P E van 10959
Loginov G G 22556
Logofetov P 32738
Logue R B 14969
24330
Logvinenko P I 45702
Loh S H 21725
Lohe R 29103
Lohel H 4002
Lohmann D 15464
28049
Lohse W 6015
Loianno R 15474
15513
27237
39108
Loiko I O 33229
Loiseau P 44733
54084
54085
Loiseleur J 47409
Loisillier 13074
Loisillier F 36146
Lojacono L 48683
Lojander V 3827
Lojander W 10069
Lojda Z 1440
48628
Lokajíček M 43090
Loken M K 17319
Loli Piccolomini M 3895
Loli H 12070
46795
Lolow W 15467
Lomakin M S 1758
37186
Lomakina V A 39341
Lo Martire N 42230
Lomas R W 34993
Lomax J H 6520
Lombaard C M 17806
Lomban F 27202
Lombard A 40515
Lombard C 2328
26883
Lombard H L 30103
Lombard J F 20504
Lombard L S 41187
Lombardero M 35456
Lombardi G 35434
Lombardi P 9408
21494
Lombardo G 1117
Lombardo L J Jr 17502
33119
Lombardo V 29634
Lomer R 53381
Lomholt E 25827
Lomonaco F 39664
39667
Lo Monaco G B 9934
LoMonaco M B 20762
Lomonaco T 9382
9383
19206
19207
Lomova P A 12123
Lomunova T V 6047
Lomuto E 39307
Loncheval A 23898
Londei D 47500
Londero A T 16129
London F 910
London I M 4859
16917
Londoño Jaramillo S 21147
Lonergan L H 42059
Lones D P 5093
Long C 6261
Long C H 12850
Long C L 13403
13404
Long D A 37070
41338
Long E E 30254
Long E R 12783
25851
Long E T 5892
Long G 54680
Long G A 10697
Long H A 14222
Long J P 3019
12976
14760
35984
Long J S 40298
Long L A 33428
Long L D 20336
Long M E 13202
Long M J 17581
Long N G 40118
Long P I Jr 16603
Long R H 20488
Long R J 14601
Long S 4568
Long S K 4728
Long W N Jr 17012

Longacre A B 54742
Longacre J J 5202
30660
Longenecker E D 12596
Longenecker J B 52326
Longhino A 35061
Longhurst W M 48981
Longin F 15845
Longino L A 7839
Longinotti L 15751
53823
Longley J B 9583
Longley R W 3425
Longmire W P Jr 5152 22071 29121 30118 30661 47577
Longmore D B 35932
Longo A M 31993
Longo O F 1829 3334 32463 35993 37285
Longo P H 36907
Longo S 27638
30667
Longo V J 3161
Longrée K 40247
50157
Longshore W A Jr 48094
Longtin L 55124
Longtin M 32381
Longueville R 9634
Lonser E R 35658
Loo H van der 15988
15991
15993
Loo K J van de 29985
Lôo P 36128
36135
Looby J P 17867
Loogen F 1314
23011
49092
55548
Lookeren Campagne J van 18567
18571
Loomans S M 27258
Loomba S D 5156
Loomis L S 44231
Loomis Bell A L Jr 36326
Looney D 23291
23292
Lóos H 42331
Loos M 19005
Loosky-Nekhorocheff 54073
Loosli C G 553
5195
5196
5197
Loperfido F J 25129
Lopes D M 16124
Lopes E 16139
Lopes G 31104
Lopes M R 42198
Lopes O de C 53874
Lopes Cardozo P 7299
Lopetegui A 21161
Lopez 37894
López E 39197
Lopez F 4532
Lopez H 16338
Lopez T 13177
López Astray M 29351
López-Azcona J M 8854
Lopez Banus V 21127
López Borrasca A 4066
53903
López De Uralde M F 21133
López Díaz J H 31883
López Esteban E 8826
López Fernández R J 10402
44530
López Figueroa R A 31000
López García E 44485
Lopez Hernandez V 39620
López Lacarrere E 53323
López Merino V 6576
López Nogueira J M 44538
López Rodríguez A 13521
López Sendón J L 31818
44542
López Soto R 35456
López Zepeda L 18855
51660
Lo Polito F 26619
Lopotko I A 55242
LoPresti J M 3026
15042
48783
48787
Lo Presto B 40305
Loprete F P 28041
Loprieno M 32476
Lops M 3915
20183
Lopukhin Iu M 18261
Loquvam G S 33125
Loraine J A 17027
40802
40804
50521
Loras O 9390
Lorbek W 22210
22846
41715
47497
Lorber J 1406
35429
Lorber M 1784
Lorber V 14998
Lorch L von 31705
31706
31727
Lord G H 23494
Lord G H 40400
Lord R A 24700
Lordahl D S 28336
Lordick H J 31833
Loré J M Jr 23454
36262
Lorenc J 11425
Lorenc M 28199
Lorente L 21118
Lorentzen S E 55111
Lorenz D 6700
13650
36952
Lorenz E 30049
Lorenz F W 7183
52305
Lorenz I 23636
Lorenz K 38928
Lorenz K Z 44982
Lorenz O 51856
Lorenz R 34606
38938
Lorenzen I 11977
Lorenzen J 35002
Lorenzen R F 47849
Lorenzen U K 28932
46838
51875
Lorenzetti L 20999
Lorenzini F 25582
Lorenzini L 25533
Lorenzini R 42635
Lorenzo E 47831
Lorenzo y Losada H 37931
Loret J 44623
Loreti F 53804
Lorge I 31550
Lorhan P H 12971
41018
47280
Lori W 43266
Lorie Iu I 6028
8259
52971
Loring H S 40500
Loring M J 35780
Loring R M 111
Loring W E 31332
36313
48723
Lorini M 39227
Lorkiewicz Z 20450
43001
43649
Lorr M 17176
40739
Lorrain J 9098
54049
54059
Lorriaux A 29135
53025
Lortat-Jacob E 2377
14088
Lortat-Jacob J L 42426
Lortat-Jacob J L 51876
Lortholary P 21272
37912
Lo Russo G 35158
Losada M 21193
Losada Losada M 21186
21196
21201
Losana O 13467
Lo Sardo G 37161
Loscalzo B 36560
Losch P K 28096
Lo Schiavo R 1103
34951
Loscialpo D 48130
53687
Losdijck M 35514
Losev I A 45767
Loseva G I 7808
Loskutov M I 10719
Lospalluto J 13630
Losse H 51787
Lossen H 30247
Losso L 53850
Lossow W J 47694
Lostia G B 16019
Lostroh A J 1387
Lotman H A 846
Lotman V M 18295
Lotmar F 32274
Lototskii M I 5992
Lotova E I 33497
Lotspeich W D 12541
Lott G M 8384
Lott H 41081
Lott J S 8556
Lottenbach K 53319
Lotti F 2973
Lotti G 30268 36727 36757 46731 46755
Lotti P 44323
Lotz F 26003
Lotz W E 23325
Lou A L 38410
Lou W 41921
'Loubat C 9232
Loubatières A 15142 37029 37030 38665 38685
Loubet R 28683
37893
Loubiere R 38755
Louchart J 15101
32376
Louchat J 8694
Loud G F 27943
Louda L 38166
Loudet O 6720
31800
Louedec A 38658
Lough A K 42964
Lougheed M N 38000
Loughridge L W 6133
Louhija A 24844
Louis C J 10116
13665
37650
Louis J 17014
28130
Louis L S 49846
Louis V 20616
Lounsbury C 18022
Louria D B 33067 50467 50468 50735 52644
Louros N 18926
49755
Lous P 41812
Loustalot P 2373
23574
30272
Loutit J F 10487
20581
53498
Loutsch H 38817
Loux H A 24444
Louyot P 21391 26698 26943 31967 31968 31969 44992 45034 50357 54054 54179
Lovdzhiev I 15770
Love H G 20399
Love J G 49867
54756
Love W D 16348
17572
48722
Lovel E 11206
Lovejoy H T 12229
Lovel K W 44065
Loveless M H 1127
Lovell M G 7404
Lovell M P 12737
Lovell R 21537
Lovell R G 5388
10700
45570
Lovelock J E 3517
7147
14198
52289
Lovera G 6952
Loverdo A 21282 26748 32687 44608 53988 53989 54009 54010 54013
Lovern J A 8273
Lovestedt S A 20137
Lovett S 37076
Lovezzola M M 30135
Loviaetti S 25624
36794
Lovitt W V 35229
Lovorato F 47341
Low E M 19646
Low F M 12398
Low N L 30432
43499
43500
Low Beer B V 5212
Lowbury E J 26110
31257
Lowder W M 8519
Lowder W M 46368
Lowe C 17366
Lowe C U 20723
Lowe H G 40624
Lowe I P 41203
Lowe J 37628
Lowe J B 48150
Lowe K G 14029
Lowe K J 42153
50166
Lowe T E 13667
Lowell F C 4391
16527
29258
Lowell J R 920
Lowenberg R I 27048
Lowenhaupt B 4811
4812
Lowenstein J M 13726
48577
Lowenthal A 26776
Lowenthal J 22223
Lower E S 37736
Lowey P T 20726
Lowi N P 49510
Lowman E W 22021
Lowman R M 27085
35741
Lowney E D 17085
Lowrance E W 46895
Lowrance P B 19972
19977
Lowrey G H 12649
Lowry E C 33090
Lowry E M 17866
Lowry J R 13403
Lowry O H 50915
Lowther D A 13690
Lowy B A 4859
Lowy E 11052
Lowy P H 44110
Lowy R 38735
Lowys P 15163
30438
Loyarte H F 8208
53325
53357
Loygue J 4819
Loyddice F 53328
Loza Aguilar D 6610
Lozada B 35027
Lozada B B 8676 8680 8682 21795 32457
Lozano E 461
Lozano E L 15038
Lozano Morales A 8954
Lozano Rocha A 8928
Lose A 24778
Lozinskii L Ia 31189
Lozovskaia L S 22709
Lozovskii D V 34775
Łozowska-Ogorzelska T 27595

Lu F C 17954
Lu H H 14945
Lu H M 2845
Lu S H 38399
Lubart J 11718
Lubash G D 465
12254
46960
Lubeck M J 28889
Lubenskii Iu M 10824
10885
Lubert M 27796
Lubetkin A M 3311
Lubich T 3857
Lubin A 5062
Lubin A J 50037
Lubin M 11594
19860
Lubinski H 14712
Lubiński O 29496
29521
Lubinus H H 34366
Lubkin V 46462
Lublin H 54825
Lubowe I I 42155
51603
Lubowitz H 17578
Lube H A 31320
Luby R J 35745
Luca A 54208
Lucam F 3054
Lucarelli A 40180
Lucas 36689
Lucas A (Mme) 43742
Lucas A C 53738
Lucas B G 2265
28648
Lucas C C 5003
24371
47721
Lucas D H 40142
Lucas D R 40786
Lucas F V 50530
50531
Lucas G H 44287
Lucas J W 19705
Lucas J M 29870
Lucas M A 27227
39146
45080
Lucas W E 24515
Lucas-Gallego J 8861
8864
51624
Lucca Escobar R J 35978
Lucchelli P 19467
29624
32591
Lucchelli P E 31776
Lucchesi M 16008
24929
Lucchesi P F 16261
Lucchetti A 49509
Lucchetti A 53585
Lucchini B 31113
Luccioni F 4825
18635
18647
Luccioni H 24289
Luce J P 7768
Luce M 7768
Luce R D 8420
Lucena C E 9736
Lucena Conde R 53926
Lucero J 45812
Lucero R J 12594
Lucero Kelly C A 3310
Lucey J F 35768
Lucherini T 31734
31735
31744
42693
Luchetti S E 8167
8180
32462
53347
Luchsinger P C 49184
49864
Luchsinger R 25335
Luchtenberger R 49913
Lucia S P 33664
Luciani L 6857
Lucini E 10495
Luck B E 50858
Luck C P 17969
49218
51109
Luck J M 40499
Luckenbach F 39505
Luckey A 38609
50186
Luckey E H 465
Luco J V 5508
Lucy R E 17610
Ludány G 35373 35376 47729 49366 52877
Ludbrook J 2155
Luddecke H F 853
1143
Luddy F E 24379
Ludes H 52275
Ludewig R 34025
34036
43018
43600
Ludin F 10190
Ludington L G 875
25051
Ludovici P P 12421
Ludovico N 53755
Ludovico P 44345
Ludowieg J 4740
Ludueña F P 16707
55009
Ludván S 11388
Ludvigh E 17863
Ludvík J 46230
Ludwick T M 49488
Ludwig A W 5415
Ludwig F 26812
Ludwig H 373
44922
Ludwig K S 27701
Ludwig W 34199
Lue M 24470
Lu W C 38383
Lübbers D 25885
Lübbers P 49136
Lübeck I 11203
54322
Lübeck P M 33974
Lübke F 40184
Lübke H W 42245
Lüchtrath H 33528
47908
Lück K 38936
Lüdeke H 39379
Lüderitz O 19589 30601 30602 34127 34229 34230 34231
Lueders H W 8044
Lüdi H 39825
Lüdy F 7955
Lüers T 1787
Lühe I v. d. 27117
Lühmann H 6712
Lührs W 55526
55527
55534
Lueken B 30583
Lükő G 18599
Lüllmann H 30532
30552
53086
Lüscher M 52378
Lütcke A 30578
Lütgerath F 10557
Lüth P 3305
39947
Lüthi H 35152
Lüthy E 44927
Lüthy F 25374
Lüthy H 31619
Lütje W 38903
Lüttgau H C 17978
30546
46168
Luff K 39030
Luft A 43676
Luft H 34598
Luft J H 15689
Luft R 3248
15631
35130
39055
Luft U C 16809
Luganova I S 13853
48040
Lugaresi E 27664
27665
32159
54275
Lugibihl K 13200
17041
Luginbühl H 28194
Lugossy G 28861
45373
Lugovkina V P 7891
Lugt L van der 23711
Luhr J 7484
Lui A H 845
22001
Luigi G 15902
Luikart W M 17638
Luippold H J 31606
Luisa S 20988
Luisada A A 500 12267 14977 23643 24347
Luise R 192 11825 11832 35005 35015
Luisi A 24937
47806
Lukač F 51678
Lukács F V 13087
36170
39738
52891
Lukash L 2368
Łukasiak B 31505
Łukasiak J 31524 33792 33793 33810 33811 33812
Łukasiewicz M 20438
38237
Łukasik S 43667
53163
Łukasikowa W 43667
Łukaszewicz-Dańcowa D 7835
53194
Łukaszewski B 30868
Luke H A 46849
Luke J C 14649
Lukemeyer G T 17455
Luk'ianenko I V 34688
Lukianowicz N 50913
Lukina E M 33195
Lukl P 15774
Łukomski E 20415
Lukomskij P 49027
Luks J 33755
Lukton A 19615
Lull G F 48968
Lull G F Jr 20947
Lulling J 46594
Lulu D J 50659
Lumb F H 39116
Lumb G D 7430
Lumbao P 36063
Lumbroso R 44757
Luminari A 21214
Luminet D 48364
Lumio J S 10071
Lumsden C E 20707
Lumsden R B 8293
Lumsden W H 39173
Lund A 23994
Lund C C 12833
Lund C J 2983
12417
Lund F 25842
45515
45572
Lund H J 23950
23965
Lund I 54967
Lund J 11888 18577 22449 33397 33398
Lund P 29861
Lund R R 50210
Lund V 11966
Lundbaek K 15640
Lundberg A 12015
12023
41342
Lundberg W O 24380
24383
Lundblad G 4260
Lundbom S 34156
Lunde F 41195
Lunde M N 892
Lundeberg W O 44081
Lundeen E 7864
Lundeen E C 16585
Lundevall J 32258
Lundgren G 54794
Lundgren L R 51913
Lundgren P G 32987
Lundgren S 22129
Lundholm I 52721
Lundholm L 314
Lundie J K 9814
Lundin G 11973
Lundin H 34236
Lundmark C 292
41217
Lundmark F 22134
Lundquist F 55108
Lundström P 35267
Lundström R 10162
23888
32210
45350
Lundwall F 45572
Lundy J S 20808
Lunedei A 31742
Lunenfeld B 17027
35120
Lunn J 25012
35911
Lunseth J H 49
Luo C Y 38411
Luo H Y 14942
Luoto L 5198
7855
Lupascu G 6585
Lupi A 32096
Lupo C 48119
48120
Lupo M 13116
29716
Luporini G 13931
Lupovici J 9476
Luppi L 25703
Lupu N 49785
Lupu N G 9243 9244 31122 31123 43991 43994
Łupusti M 38472
Luraschi J C 7581
30241
Lur'e S S 45646
Lur'e Z L 28808
Luria S E 13256
Luria S M 28586
Luridiana N 3910
13923
Lurie A A 959
47333
Lurie A S 16368
54748
Lurie G M 32495
Lurie P R 50713
Lusby H L 50404
Luscan R 26214
26223
Luschnat K D 38991
Luscombe H A 46387
Luse S A 7392
Lushbaugh C C 4629
Lushbough C H 1259
Lushnikova L A 41652
Lusky L M 55004
Lust M 42727
Lusted L B 12659
12660
Lusterman E A 16535
Lustgraaf E C 22310
47567
Lustosa O 21093
Lusvarghi E 230 6891 6897 6914 21612 35188 37231
Łuszpińska M 7829
Lusztig G 34039
43444
55589
Lutembacher R 44995
53428
Lutescu I 9478
27714
Luthardt T 41768
Lutier F 53405
Lutsenko G E 46815
Lutterbeck E F 5920
Lutterotti A von 19402
Lutton E S 16907
Luttrell C 43512
Luttrell C N 2346
5789
Lutwak-Mann C 55287

Lutyński R 20464 31535 31536 33699 53224 53225
Lutz A 10029 13048 25460 36081
Lutz E 33934
Lutz H 4994 36510
Lutz J 41747
Lutz W 15274 15275 15276
Lutz-Jaehn 53563
Lutz-Ostertag Y 4994 36510
Lutzeyer W 14952
Lutzki A von 23174
Luukkainen T 24809
Luvoni R 8612
Lux A 5883
Luycicx A 26838
Luyk J H van 29965
Luyken R 2078 36191
Luypaert R 13064
Luzardo G 36842
Luzi C 39319
Luzianina T Ia 22704
Luzzatto A 32155 42624
Luzzio A J 23295
L'vitsyna G M 51759
L'vovskaia V F 34718
Lwoff A 48840
Lwoff M 48840
Lycke E 25166 25171
Lydecken K 36034
Lyell A 48179
Lygina T I 49437
Lygren T 44899
Lyle D J 11712
Lyle T K 43721
Lyle W H 26046
Lyles S T 5194
Lyles T W 11557
Lyman C P 49455
Lyman E D 7260
Lyman F L 30157
Lyman M M 50153
Lyman R A 52765
Lynch C W 50157
Lynch D F 6430
Lynch E 51049
Lynch F B Jr 12284
Lynch F G 44417
Lynch F W 24 11561 28439
Lynch G 37948
Lynch J B 34968
Lynch J E 1289
Lynch M 41897
Lynch M J 34952 47000
Lynch R C 32512
Lynch T A 16727
Lynen F 25879 39223 49930
Lynes R 33669
Lyngaae J 11977
Lynn F A 5466
Lynn R B 2643 14656 25052 37997
Lynn R J 4714
Lyon B 42467
Lyon C H 16678
Lyon D 1466
Lyon E 6719 24318
Lyon G 86
Lyon J B Jr 14607 14619 28575 35813
Lyon M F 7194
Lyon R A 7650
Lyon R H 31305
Lyon R K 2549
Lyons C 10079 10090 22091
Lyons H A 19829 49180
Lyons J B 4324
Lyons N J 11100
Lyons W B 3495 35981
Lyons W R 8639 15606 53469
Lysle M H 51584
Lystad H 54964
Lystad M H 5462 49194
Łysikowicz A 20241
Lytkina L G 8261
Lytle I M 52305
Lytle S N 5385
Lyttleton J W 22598
Lytton H 37608
Ma J Y 5372
Ma P Y 38403
Ma S F 14935
Ma T H 45593
Ma W C 38371
Maag B 51254
Maag D D 4640 12734
Maalœ O 34235
Maalœ O 40852
Mårtenason E 13802
Maas E H 23420
Maas J W 45561
Maas R B 12232
Maaske C A 40 35794
Maass A R 32339
Maass D 29446
Maass G 52569
Maass H 4236 9982 9985 9986 10012 46176
Maass W 25306
Maassen J 46103
Maassen W 48071
Macabies J 54891
McAdam W L 17751
McAdams A J 35713
McAdams G B 3169
McAfee J G 811 24440
Macagnini G 1937
Macalone S 13963
McAlister E 21867
McAlister J 41872
McAlister J M 32688
McAllen M K 2225
McAllen P M 37715
McAllister A J 34957 47242
McAllister F F 16986
McAllister R G 476
McAllister R M 5437 38073
McAlpine D 18364
Macaluso M P 7661
McAndrew M J 40119
McArdle A H 7244
McArdle L 2037
Macarini N 29603 31663 42678
McArthur C E 16654
McArthur H G 14716
McArthur J W 17027 17037 17038
Macarulla J M 8863
Macaulay W L 46396
Macauley B 29858
MacAuley P 5237
McAuliffe G W 15730
Macavei I 23599 31126
McBain E H 23437
MacBean A L 1776
McBee G 50502
McBreen M 48093
McBride D 5302
McBride E D 48756 48776
McBride J R 26410
McBride R A 24320
McBride W A 45087
McBroom R D 15003
McBurney R D 10455
McBurney R P 12626
McCabe B F 36267
McCabe E S 24715
McCabe W R 5586
McCaffrey J A 14652
Maccagnani F 32114 32130
Maccagnani G 8626 32160 32166 54277
Maccagno A L 6848
McCahan J F 49941
McCain L R 16745 50279
McCall C 42093
McCall J 6521
McCall M L 653 3006 38577 40937
McCall M S 38058
McCall R C 49859
McCall W Jr 63
MacCallum F O 21539
McCallum H M 19675
McCallum J A 42021
McCallum J W 37595 37597
McCallum R I 26044
McCallum Z T 28639
McCally M 49259
McCammon C J 4639
McCammon R W 16630
McCampbell B 5862
McCampbell S R 20731
McCance R A 4793 52395
McCandless R 12757
McCann D S 40122
McCann H G 8441
McCann M B 24987
McCann W J 19892 51546
McCann W P 2344
McCannel M A 27510
Maccari A 36823
Maccarini P A 39649
McCarroll J R 19820
McCarthy B J 53491
McCarthy C F 5236
McCarthy E A 13770
McCarthy H H 155
McCarthy H L 52470
McCarthy J A 35842
MacCarthy J D 37228
McCarthy J L 44071
McCarthy K 40892 40893
McCarthy K C 28161
McCarthy M 52470
McCarthy M A 5195 5196
McCarthy R D 44071 44072
McCarthy T F 20484
McCartney C P 45040
McCartney E T 879
McCartney J L 39151
MacCarty C S 6980 29751 54756
McCarty K S 2666
McCarty M 4999
MacCarty W C Jr 53720
McCarty W R 35861
McCashland B W 3929 47630
McCaskey M C 6510
McCaughan J J Jr 23472
McCaughan J S Jr 46508
McCaughey W T 17897
McCawley E L 440 441
McCay C M 11764 15998 39570
McCay P B 28233
Macchi I A 10502
Macchi L 7734
Macchiavello A 1826
Macchitella E 9318
Macciotta M 14527
McClanahan H L 20068 22165
McClatchie S 42462
McClean D 14462
McCleary J E 43515
McClement J H 585 14397 25013
McClenahan J L 24665 53061
McClendon J F 47734 50118
McClintock R 35821
McClorry R G 2554
McCloskey C M 46788
McCloy E W 45828
Mac-Clure E 21071
McClure F J 8440 8441 17816 40234
McClure J N 47289
McClure J N Jr 5279
McClure W W 550
McCluskey C M 49943
McCluskey R T 5004 33071 47083
McCluskey W R 54700
McColl J D 36554
McCollester D L 4864
McCollister D D 12221
McCollom M A 18031
McCollum G D 48696
McCollum W H 48975 48979
McCombs R P 37907
McConaghey R M 29289
McConahey W M 13165 50416 50417 50425
Macconi L 19265
McConkey B 55 6190
McConnachie E W 30374
McConnell B 539 49807
McConnell E M 5734
McConnell F 31632
McConnell K P 52415
McConnell R B 8492
McConnell W B 2550
Mc Coord A B 1123
McCord T J 45383
MacCorison J C 32084
McCorkle H J 22000 22099
McCorkle h G 13487
McCormack J L 33116
McCormack L J 698 2937 2944 12463
McCormack P D 37987
McCormick G F 49184
McCormick G L 21 23426
McCormick J A 46370 55890
McCormick W F 14737 21866
McCorquodale D J 1372
McCorquodale H 19530
McCorry R L 50054
McCoy A S 50679
McCoy E E 49469
McCoy F J 5208
McCoy J B Jr 12383
McCoy J R 2685
McCoy R S 18789
McCoy R W Jr 55362
McCoy T A 40581
McCracken B H 5575 18444 37673
McCraw B H 27549
McCrea A N 14169
McCrea L E 3384
MacCready P B 27071
McCrie J G 20595
McCrory W W 40904
McCrumb F R Jr 36260

Maccubbin H P 10841
45805
McCubbin J W 756
2914
15009
McCulstion C H 32909
McCullough N B 15925
26400
50600
McCully K A 14605
McCune L F 41079
McCune W W 38583
McCurdy H W 47519
McCurdy P R 7412
27518
McDade J J 50334
50335
McDanald E C Jr 15558
McDaniel K K 23328
MacDermot H E 14678
McDermott R 5828
McDermott W V Jr 30096
McDevitt E 24325
Macdiarmid D 55056
McDivitt M E 16554
Macdonald A R 40658
McDonald C F 3659
MacDonald D 50664
McDonald D F 33110
33120
55040
MacDonald D L 47702
Macdonald D W 14278
Macdonald E 48514
Macdonald E M 5600
MacDonald F M 42077
McDonald G A 18349
McDonald G O 13319
54770
McDonald H J 38559
45381
McDonald H P 18147
Macdonald I 10145
10457
15053
15059
Macdonald I B 2596
37992
McDonald I R 29308
McDonald J C 2209
26104
26123
53506
McDonald J E 64
McDonald J J 17704
McDonald J R 6187
10078
31630
McDonald J V 7401
MacDonald K G 55362
MacDonald L 14725
30412
McDonald M A 2159
MacDonald N S 17575
MacDonald R A 46491
McDonald R K 4840
McDonald R T 1244
McDonald S 21731
MacDonald S A 14164
Macdonald W B 43507
51536
MacDonald W E 23380
MacDonald W F 4247
MacDonald W M 40109
McDonnel G M 55133
McDonnell K 19621
McDonnell S A 42106
McDonough E F Jr 44084
McDougal R A 34994
McDougall B 25779
McDougall C 37546
McDougall E I 19590
Macdougall L G 39182
McDougall R 38043
McDowall G D 8295
McDowall M A 36991
McDowell A A 5115
5118
5119
McDowell A J 45920
McDuff H C Jr 21411
24514
McEachern C G 46522
Macedo A G 13587
Macedo A G de 36896
Macedo L E de 21074
Macedo O A 33439
Macedo de Queiroz A 34999
Maceira Vidán F 44528
Mácelariu A 31128
McElmurry A L 39996
McElroy R C 50821
McElroy W D 8442
13814
40517
McElroy W T 54521
McElroy W T Jr 12556
MacEntee F J 54585
McEntee K 15243
48976
48977
McEntegart M G 5685
40064
52459
McEvoy L 16540
McEvoy L L 50148
McEwen B 54417
Mac Ewen C 4736
McEwen C 36908
McEwen W K 667
34912
McFadden R L 41051
MacFadyen D J 14656
McFadzean A J 10472
McFadzean J S 15056
McFall R A 812
McFall T A 16531
Macfarland J L 27942
McFarland L Z 40407
40417
48984
59288
McFarland R A 719
8434
39557
40827
McFarland R B 48055
McFarland S 48983
Macfarlane A 5641
McFarlane A S 14333
Macfarlane C 10480
Macfarlane D A 1209
Macfarlane E W 49805
MacFarlane J P 53289
Macfarlane M G 19591
25866
Macfarlane N 50697
MacFarlane R G 11924
MacFarlane W V 14177
16827
19477
McFie J 6557
51334
McGandy R B 18461
McGanity W J 12352
24372
28169
McGarry E E 24982
McGaughran L S 50101
McGavack T H 24719
35700
40251
55359
McGavran E G 10259
22167
32905
McGaw W H 16969
50203
McGeachie J 5662
McGeachin R L 31322
McGeachy W 14565
McGee H L 4853
McGee L C 3660
30926
McGeorge M 52689
McGill H C Jr 25756
28481
28953
McGill T E 17098
MacGillivray I 5562
28999
MacGillivray P C 37659
McGinn T 7466
McGinnies E 19080
McGinnis A J 29842
McGinnis J 5539
McGinniss M H 55350
McGinty D A 13191
McGoey P 14701
McGoogan L S 52467
McGoon D C 27824
McGoon D C 40434
51158
McGovern J J 19851
46949
McGovern J P 21863
40277
McGowan B 4619
McGrady P M 24193
McGrath H 673
McGrath J T 40412
McGrath W R 16730
McGraw J Y 41924
McGreal D A 43790
MacGregor A G 8656
McGregor A L 54513
MacGregor A R 37695
McGregor D D 51566
MacGregor D R 2565
MacGregor G A 18355
Mac Gregor J 37252
MacGregor J B 45553
MacGregor J F 5392
MacGregor J K 5230
MacGregor M 1400 8490 9798 12803 14045
McGregor M W 5204
McGregor R A 22040
MacGregor R R 2609
McGrew E 54663
McGrew E A 54710
McGuckin W F 38557
McGulgan F J 780
McGuinness A C 15753
16691
45085
McGuinness A E 6462
McGuinness J B 18394
McGuire A 50661
McGuire C 12596
McGuire F L 51053
McGuire J 7136
10426
24337
McGuire J C 50694
McGuire T H 10141
McGurl T J Jr 10444
Mach B 20184
Mach J 31797
Mach O 38130
46605
48584
Mach R S 9119 54324 54325 54354 54377
Mach Z 20188
43630
Machabeli A N 41531
Machado E 20631
31032
43906
43910
Machado J G 21084
Machado L 42195
Machado M 53857
Machado N R 21084
Machado O J 8745 8752 13600 21055 44445 44453 53868
Machado S M 44475
Machado Filho J 8788
MacHaffie R A 57
558
16526
Machan J R 48509
McHardy G 12777
28127
54545
McHardy R J 12777
54545
Machata G 49105
Machek J 38188
Machek O 12309
17017
Machell E S 54924
McHenry L C Jr 5583
Macher E 10329
16093
39794
Machetanz E 34123
34131
Machhoun A 11945
Machleidt H 46185
Machlin S D 773
23422
Machniewski L 20425
Macho K 47643
Machowski W 8086
Machoy Z 44183
Machuel Y 19773
McHugh D J 47718
McHugh H E 18478
McHugh J J 13170
Macia Praxedes M 25672
Maciás Castro I 13548
Macierewicz M 29502
33732
McIlreath F J Jr 48456
McIlroy M B 53577
McIlvanie S K 37228
McIlwain H 67
6258
McInnes J 28112
31611
Macinot C 21336
McIntire M S 29926
52464
MacIntosh D J 36246
McIntosh E G 37583
MacIntosh F C 48474
McIntosh H D 43134
50227
McIntosh H W 14165
Macintosh I J 38079
McIntosh J F 5938
MacIntosh O C 14593
Macintosh R 942
McIntyre A R 20497
MacIntyre I 25870
MacIntyre W 5219
McIntyre W I 20704
MacIntyre W J 16347
38492
38493
McIsaac W M 9556
37075
McIver F A 28652
Maciver I N 6194
31616
Maciver J 47171
MacIver J E 18423
22713
McIvor B 24392
McJoynt Brossard J 17684
Mack R E 1145
39555
Mack R M 40416
Mackal R P 40516
McKalen A 54708
MacKay C R 12714
McKay D 17026
McKay D G 12418
23463
52822
McKay E 1414
McKay E R 17510
Mackay F J 12968
Mackay I R 5652
13669
18731
51323
Mackay J B 52693
McKay J W 3686
McKay M A 1659
MacKay N 39120
MacKay R B 17847
Mackay R P 23407
Mackay R S 21695
28099
44963
Mackay-Scollay E M 5669
53550
McKears D W 53709
McKechnie W G 12335
McKee A P 31406
McKee K T 21845
McKee R 32909
McKee R W 37103
McKeever D C 48780
McKeever S 12762 12763 17469 24708 50999
McKeever W F 17128
McKeever W P 2922
Mac Keith R C 6167
McKellar M 26031
McKelvey A D 26428
McKelvey J L 2989
4443
8823
38605
McKelvie G B 9622
McKendrick T 13426

McKendry J B 2617
38014
McKenna A E 16831
Mackenna B P 28629
McKenna G F 45377
45383
McKenna J M 31330
McKenna R D 2605
MacKenna R M 18708
McKenney J F 12286
12293
35671
McKennis H Jr 55007
McKennis Q S 55007
Mackensen G 28853
Mackenzie 29997
29998
McKenzie A C 14633
McKenzie A D 14653
14655
37999
McKenzie B F 38557
Mackenzie C G 6572
15755
50969
Mackenzie D Y 37734
Mackenzie H P 18750
McKenzie J 13429
Mackenzie J B 50969
McKenzie J M 3424
21735
Mackenzie J R 29146
McKenzie J S 5613
McKenzie K G 26444
McKenzie M B 45062
MacKenzie R D 36
MacKenzie R J 23495
45923
McKenzie W 6132
MacKenzie W C 14642
22094
Mackenzie-van der Noordaa M C 7340
49613
McKeown J A 12746
McKeown K C 2244
McKeown R M 52773
McKern T W 11531
McKerns K W 39190
Mackett J 2028
2030
Mackey H O 50662
McKhann G M 47104
McKibben B G 22470
34930
Mackie J A 22046
Mackie J E 43129
43130
Mackie W S 37588
37589
37590
Mackiewicz S 43660
46193
Mackinlay C J 17850
McKinnell A 15081
McKinney B 36343
Mackinney G 52421
McKinney G R 55363
McKinney J R 10489
McKinney R W 17590
Mackinnon I L 40808
48281
Mackinnon J E 7121
MacKinnon J P 2572
McKinnon K M 40725
Mackinnon N L 40081
MacKinnon P C 40808
48281
Mackintosh J 2113
MacKintosh M E 16889
Mackintosh R H 49117
McKissock W 41214
McKittrick L S 4516
Mackler B 47958
Mackler H A 535
Mackles A 7612
MacKneson R G 14609
Mackowski A 20443
MacKrell J S Jr 24348
McKusick V A 1164
22572
46957
Mackworth J F 2123
Mackworth N H 2123
Macky W 52688
Maclachlan M J 48393
Maclachlan W 48510
McLachlin A D 11785
McLachlin J 6065
11765
51563
Maclagan N F 14162
18437
McLanahan W 19988
20006
McLaren A 19561
40792
44033
McLaren D S 2077
14475
15756
MacLaren J A 24408
McLaren J W 18703
McLaren-Hume M 34879
McLaughlin A I 6148
McLaughlin J J 9614
McLaughlin L 50158
McLaughlin M C 20263
McLaurin J W 19278
McLean A A 12640
McLean A E 18376
McLean A S 20587
McLean B 39
MacLean C D 2129
McLean D M 26417
McLean F C 15610
33033
McLean F C 39212
McLean I W Jr 8337
45076
McLean J 48707
McLean J A 27520
46850
McLean J R 4762
MacLean L D 13310
22009
42819
Maclean M M 24480
McLean M R 5689
McLean P 37094
37095
52414
53473
MacLean P D 12339
20720
McLean R 38042
Maclean U 41461
McLean W C 22581
MacLearie E C 18098
McLeay J F 843
McLellan E B 18692
McLendon W W 19963
McLennan C E 10466
10989
22732
McLennan H 30560
51105
McLennan M T 22732
MacLeod A J 14704
50471
MacLeod A M 19539
McLeod C E 3162
MacLeod C M 48394
McLeod G C 17318
McLeod I 6194
MacLeod J 16839
16840
31369
McLeod J A 51033
McLeod J W 5633
51033
McLeod K 17641
MacLeod P 15092
15118
MacLeod R A 26410
McLimans W F 1300
MacLochlainn A 28453
Maclure J G 7635
MacMahon B 543
McMahon F G 16598
MacMahon H E 523
11645
37910
McMahon J M 46920
McMahon J P 14297
14460
McMahon M 50668
Macmanus J E 11787
30154
McManus J F 17381
28952
45040
McManus R L 19287
McManus T J 17057
McMaster M H 28431
McMaster P R 7469
McMath W F T 37739
McMenamy R H 40503
McMenemey W H 18434
McMichael H 46508
MacMillan B G 149
Macmillan E W 10054
McMillan G C 45899
53118
McMillan H L 889
McMillan I K 48144
McMillan J A 7268
25515
43619
McMillan L 4409
McMillan P J 28262
Macmillan W H 5364
McMinn R M 4973
4995
16785
22314
MacMoran J W 810
McMorrow K J 27519
28503
McMullan J J 53292
McMullen D B 2454
McMullen F F Jr 14962
McMurray G A 17258
McMurray V 82
McMurray V M 31390
McMurray W C 4782
47725
McMurrey J D 6749
35936
MacNab G M 9784
McNair E 48595
McNair S 8452
McNally W J 14698
MacNalty A S 8288
14287
McNamara D H 14547
Macnamara D W 50665
MacNamara L G 28321
McNary W F Jr 10216
McNaught M L 14189
17241
McNaught W 5643
5686
McNeal E R 30251
McNee J 47578
McNeel B H 14677
McNeely W F 5265
McNeil E B 26573
McNeil J H 1175
McNeill D L 50851
McNeill J W Sr 6511
McNeill R S 15054
21735
McNeilus V E 3934
McNemar Q 20863
McNerney J M 11601
McNichol B 30113
MacNichol E J Jr 680
15702
McNichol R 12595
McNicol G P 5754
41819
McNie T M 37660
McNiel J R 32907
McNutt S H 12760
48978
50291
Macomber D W 32720
53121
Macomber W B 8044
43169
Maconi F 8595
42534
Maconi G 8595
McPhedran N T 14658
MacPhee I W 41811
Macpherson A I 51136
McPherson C F 41209
Macpherson C R 5617
MacPherson D J 30125
McPherson H T 4870
McPherson J C 35830
Macpherson J W 16768
Macpherson N X 2253
McPherson R C 10101
Macpherson R K 19702
McPhie J 36979
McPhillips J 19551
McQuade E W 17547
McQuarrie D G 5885
17950
McQueen E G 36978
42097
Macquet V 20679
MacQuiddy E L 4433
McRae D L 35407
35412
MacRae D M 14591
Macrae R C 21831
Macrae R M 5100
Macrae T P 1668
52410
Macres C 37939
Macri F J 23429
47053
Macri I 1986
Macris J A 2432
Macris N T 24500
MacRobbie E A 17326
McRorie R A 1718
42956
Macry V 53247
McShan W H 39209
McSweeny A J 58
McSweeney D J 24508
Macsich P 2729
Macura J 52341
McVay C B 13309
McVerry E A 40638
McWalters P F 11545
McWethy W H 41093
McWhirt J 8041
McWhirter R 28994
McWilliam P K 41793
McWilliams B J 5829
McWilliams H B 49377
Macy D Jr 28150
Macy I G 826
40270
Maczyński B 7776
30695
Madaus R 6700
Madden D A 22306
29873
Madden T H 36323
Madden W 20065
Maddern J 18755
Maddi F V 645
Madding G F 32730
Maddison S E 9783
Maddock W O 16561
17043
Maddox K 6453
Maderna C 29624
Madgwick J R 50851
Madievskii Iu M 54565
Madison B B 5922
Madison L L 17071
27247
45099
Madison R L 20061
Madoff S 4711
Madonia T 9067
Madonna G 29142
Madore P 14670
Madrid M 3690
Madroszkiewicz M 37604
Madsen E 52715
Madsen J 34990
Madsen J A 43499
Madsen K Å 10634
Madsen N B 40472
Madsen P C 52715
Madsen S 4459
Madsen V 1634
41957
Maduro R 21348
36163
Maduros B P 31354
Madzhidov N M 34757
Madziminski-Matuchniak B 9072
Maeda K 16800
16801
16806
Maeda M 28693
28697
41489
Maeda T 16464
40205
40206
Maeder A 15821
53601
Maeder G 40869
Maegraith B G 25070

Maegraith B G 47611 47612
Mähönen H 36114
Mährr G 22858
Mährlein W 33911 46099
Mäkelä O 24855
Mäkelä S 3475 39255
Mäkinen L 35292
Mäkinen P 24827 36107
Mäkitalo R 24853 24854
Männel J 45394
Märki H 11058
Märki H H 39898
Maertens R 23932
Maerz 15282
Maestracci P 24753
Maestraggi P 30481
Maestri A 21499 39646
Maetz J 3043
Maeva T A 49536
Maevskii V E 3566 52977
Maevskii V I 9908
Maeyaert G 44882
Maffei G 37312
Maffei N 6283
Maffei R 44176
Maffei-Faccioli A 1947 1948 37495
Maffeis V 29744 29746
Maffi M 9377 9379
Maffii G 5758 27432 36557 36558 39310 48220
Magadur A 53444
Magaldi P 8165
Magalhães O D de 13596
Magalhães P B 8772
Magalhães P B de 21086
Magalotti M F 35853 35854
Magaña J L 21158
Magar N G 4175
Magarey F R 48739
Magaró M 1915 14016 14019
Magaró S 6705
Magasanik B 16918
Magasi P 18604
Magath T B 32869 35667 46897
Magaudda-Borzi L 7514 7516 54245
Magazanik G L 32583
Magazanik S S 34767
Magdelaine M 15218 31900 54003
Mage J 35231 35249 44738
Magee D F 3688
Magee K R 15918
Magee M 12545
Magee P N 5639 37061 37062
Magee R B 7944
Magee W E 31417
Magee W L 41207
Magendie J 2007 26229 41109
Mager J 13807
Maggi A L 21061
Maggi C A 31754
Maggi G 52049
Maggi G C 27428 36778 37407 48990 52083
Maggi S 53586
Maggi V 1915 14016 14019
Maggini P 52018
Maggio G 19154
Maggio M 21431 54215 54217
Maggio R 3493 34175
Maggiolo J 8689 37776 37931 44389
Maggiolo Atencio L 32465
Maggioni G 25574 25580 25581 25582
Maggiora-Vergano T 15027
Maggiore L 1108
Maggiorelli E 13918 39703 49399
Maggiorelli L 1490
Magherini G 44356
el-Maghraby A el-F 28316
Magid G J 4450 6744
Magielski J E 18487
Magil'nitskii S G 45710
Magilton J H 40408
Magimel J 2007 26229
Magimel-Peloonnier R 26674
Magis C 14484
Magistretti M 42230 42231
Magistris F 11036 41716
Magladery J W 14345 14346 17370 34893
Maglagan N F 39119
Magleby F L 19073
Magli G 9409 9420 20984
Magnan A 18498
Magnanelli P 53801
Magnani B 27439
Magnard 26363
Magne 36635
Magne J 36633
Magner D 12466
Magner J M 5135
Magner J W 5235
Magnes J 5494
Magnien P 49850
Magnin F 13029
Magnin P H 53348
Magnol F 42003
Magnol R 36850
Magnus E M 35114
Magnus I A 48182
Magnus I C 6749 13411
Magnus K 48402 48403 48404
Magnus O 29965 52519
Magnusson M 9774 48402 48403 48404 48405 48406
Magnusson R 10165
Magnusson W 10195
Magora F 34915
Magos L 28407 39249
Magoss I V 7461
Magoun H W 52574
Magovern G J 1228 4492
Magrassi F 1880
Magri C J 3308
Magri E 1929
Magri G 6792 35635 47750
Magrill R 4550
Magruder G B 12275
Maguire C 8041
Magyar I 11170 29150
Magyar K 23778
Magyar S 7175 19565 34002 46090 55538
Magyar Z 29178 29184 43440
Magzurova L P 22710
Mahadevan R 5180
Mahaffey J H 17567
Mahaffey W C 52366
Mahaim C 39824
Mahaley M S Jr 2692
Mahan N D 43622
Mahanta J 50606
Mahapatra G S 50615
Mahaux 36060
Mahaux J 11894 36061 36072
Maher B 17081
Maher C C 22087
Maher H J 49973
Maher J A 54 33433 46498
Maher M A 7519
Mahesh V B 50515
Mahfouz M 47727
Mahfouz M S 11305
Mahl G K 40125
Mahl H 42452
Mahler H R 16891
Mahler M S 4271
Mahler W 4567
Mahling A 27453
Mahmoud M el-S 37620
Mahnecke A 10618
Mahnert A 55381
Mahnke P F 55665
Mahon G A 48515
Mahon J 26815
Mahon R 5331 26226 26227 27726 41376
Mahoney E B 2435 10120 54674
Mahoney J F 19889
Mahorner H 12839 32515 41082
Mahrer A R 4915
Mahrer P R 12592
Mai G 42456
Maibauer D 43004
Maichuk Iu F 45714
Maida S 43263 43266 43267
Maidorn K 23019
Maier C 21649 44911 54365
Maier E C 15035
Maier H C 18128
Maier K 15849
Maier N 12570 46515
Maier R 34301
Maier R A 6525
Maier W 34533
Maietta E 21654
Maillard 39482
Maillard J N 42426
Maillard M A 15069
Maillé R 10678
Maillet J 26352
Maillet M 26847 26897
Maillo A 21152
Mailloux L D 790
Mailloux M 14426 14436 14445 32011 36550 36552 36553
Mailman R H 13007
Maimone G 54235
Main R G 37647
Main R K 54415
Main T F 18435
Mainardi D 29850
Mainguet P 31984
Mainskaia N P 33259
Mainzer F 6089 7372 52189
Mainzer K 8635
Maio J J 4713
Maiofis E M 32555
Maioli M 25705
Maiorano G 1877 21451 37482 37483 39656
Maiorca G 37152
Maiorca R 14001 39655
Maiorova A S 46830
Maiorova L A 18249
Maiorova N A 52965
Mair K 15052
Mair W 19688
Maisel A Q 42857
Maisel B 12794 46529
Maisel H 9791 45061
Maisel J 45837
Maisel M 8527
Maisin H 3127 26726
Maisin J 3127 26726
Maisini A 8892
Maisiuk A P 36883 45674 52948
Maisler A 21744
Maison R 15523
Maisonneuve J 985
Maisonobe 47475
Maister H G 25161
Maisterrena J 21157 44556
Maistrakh K V 21916
Maitland H B 5697
Maitre 47474
Maitrepierre 47423
Maitrepierre J 6325 44794 48896
Maixner J 2802
Maizels M 17963 17964
Maj J 30694
Majane E H 48576
Majcherska B 30327
Majer E H 19326 22863
Majewska Z 30073
Majewski A 25206
Majka F A 46448
Majka W I 33686
Majnár R 16277
Majnarić D 30095
Majno G 28970 50917
Major H 11374 11415 11416
Major R H 40171
Majorca G 37157
Majori L 246
Májský A 2732 38132
Majumdar S K 13750
Makarenko A I 5974
Makarenko T P 18183
Makarevich N M 31180
Makarov A Iu 34692
Makarov M P 32553
Makarov P O 47986
Makarov P V 47875
Makarova A P 7908
Makarova O P 55197
Makarova V A 7894
Makarova V I 54547
Makarovskaia L H 36401
Makarycheva R I 45758
Makhachev M O 45214
Makhinenko A I 33320
Makhlouf A 9095
Makhmudova Sh A 18895
Makhon'kova A G 28813 46342
Makhov N I 18207
Makhtinger A I 43553
Maki Y 14908
Makiguchi Y 16467
Makin M 50405
Makino S 49670
Makinodan T 40907 47564
Makiíri L (Mrs) 7716
Makláry E 24036
Makley T A Jr 98
Makman M H 16910
Makman R S 16910
Makovicky E 38360
Makovskaia G G 31209
Makower H 10245 53209
Mąkowski J 44183
Makowsky H 39954
Makrycostas K 11059

Maksic D 40395
Maksim G 16627
Maksimova I V 33235A
Maksimova V A 45734
Maksimovich N A 33473
Maksunova M K 10951
Maksymovych L H 29554
Malabed L L 10996
Malaguzzi-Valeri O 25573
44813
Malakatis G M 24704
47271
Malamos B 1789
55553
Malamov E 45287
Malamud D I 12637
Malamud I T 19078
Malamud N 50933
Malamud S W 43934
Malamud W Sr 17049
Malamud W Jr 17049
Malan E 11812
Malaney G W 25160
Malanova N L 33514
Malant M 34597
Malare G 42087
Malashock E M 28160
Malassenet R 21293
54297
Malassis D 26345
Malatinszky S 23149
34517
Malatinszky V 16069
Malavaud A 427
24252
Malawista S E 47265
Malawszi S 38467
Malbas G C 8015
Malbec E F 53120
Malboyssón Correcher E 18842
18838
Malbrain H 30458
Malbran E 47020
Malbran J 47020
Malcolm D 37550
Malcolm J L 41341
Malczewski A 33716
33717
Malczewski B 49380
Maldacea L 3456
Maldague P 3127
26726
Maldonado E 19779
Maldonado J F 47262
Maldonado H 47296
Maldonado M N 44501
Maldonado Sampedro M 44587
Male P 15656
Malech G 27490
Maleci O 8650
Małecki J 30307
Maleev A Kh 32791
Malejka J A 17484
Málek I 52341
52420
Málek J 9486
9487
9488
Málek P 11408 26521 26522 36357 54386
Malek S R 53488
Małek-Strusińska J 7817
Malen C 54901
Malen M M 50429
Malenchini M 3337
Malenkova K M 10804A
Malerba G 36734
Malesani L 6901
Malette W G 4698
Malewskaja I A 28419
Maley F 40518
Malgras J 13049
21399
Malhotra M S 19632
Malhotra O P 55006
Malhotra R P 2156
Maliakin K N 45868
Malianov A P 45870
Maliarevskii A A 10946
Maliavinskii V M 12178
Malicha H 42250
Malik A 33693
Malik D A 17825
17829
17830
Malik S R 20126
Malin A H 24581
Malinas Y 44706
44707
44708
Malinconico L L 27045
Maling H M 755
Maliniac J W 8034
Malinov T 45307
Malinow M R 24043
Malinowski H 33728
33733
Maliński B 30836
Malinský J 48610
Malinvaud G 37893
Mališ F 21556
39048
Malitz S 8351
Maliugina L L 33577
55335
Maliukova I V 33338
Malizia E 6941
Malkasian G D Jr 16579
Malkhasian V A 41547
Malkiel S 16522
Malkiel-Shapiro B 54508
Malkiman I V 37169
49558
Malkin A 14617
Málková D 26562
Mall G 26983
26999
27014
Mallard J R 15061
26088
Mallarme J 2475 2486 9652 32938 54294
Mallat C F 36062
Mallek J 2634
Maller O 34705
50494
Mallet J R 50768
Mallet-Guy P 17002 18545 18546 18547 18550 18553 38813 41400 51369 51877
Mallett B J 38623
Mallis N 55027
Mallory G K 46491
51284
Mallucci L 20219
54198
Malm E 16323
Malm J 14758
Malm J R 7874
Malm O J 210
26992
35092
35132
Malméjac C 26823
26919
Malmejac J 414 15126 26189 26823 26919 38690
Malmendier C 2307
12330
Malmio K 35189
54646
Malmros H 52720
Malmström B G 13786
Małofiejew M 30905
Malomuzh F F 7936
45746
Malone T 24481
Maloney J V 34981
Maloney J V Jr 15238
16639
22071
29121
Maloney M A 20758
Maloney M C 30173
Maloney W H 15732
50740
Malov G A 39599
Malova M N 32557
Malpress F H 53474
Malsky S J 35866
Malt R A 4680
Maltais R 45544
Maltby M P 17893
Maltez J S 16480
Maltoni C 52328
Mal'tseva E V 43412
Maltzman I 28332
28333
Maluf N S 10128
Malvicini A 42735
Malvin R L 12328 12509 28637 31390 35790 35791 51070
Malvorsen R M 53730
Malvy P 42419
Maly R 34388
34392
Malý V 9486 9487 21559 35034 41366 43090 49358
Malygin S A 18877
Malygina L I 22688
Malykh F S 34624
Malykin R Ia 45142
Malyshev V D 18189
Malzberg B 51901
Mamedov D M 49567
Mamelli J A 28184
Mamer L J 4106
27946
Mamiofe S M 36351
Mammen A 28283
Mammen E 11029
22229
55597
Mammen M L 4164
4166
Mammoni O H 8210
Mamo H 15092
15118
Mamo J G 24546
Ma'moen R 41972
Mampel E 12064
Mamul' Ia V 25913
Man E 27080
Man E B 17591
34870
Man H X 44728
Manal G 3859
32165
44169
Manalo G 28535
Manara E 13497 30339 30345 30353 36797 39645 43339 52938
Mañas A 25675
Manas L 693
Manca P 11828
Mancall E L 46444
Manceaux A G 21745
32004
32005
32008
Mancera L 8902
Manchado O O 7090
Manchester K L 13739
25858
Manchester P T 41154
Manchester P T Jr 99
Mancia M 5520
Mancinaux M 18013 25482 31972 31973 54062
Mancini A 15888
15889
15890
Mancini A M 25527
47801
47803
Mancini B 13995
Mancini D 20644
Mancini E 27671
Mancini G 31707
Mancini M 25722
Mancini R E 8683 8980 8985 26714 26718
Mancusi Caputi B 19214
Mancuso G P 36830
Mancuso M 31686
Mandache F 9478
27714
Mandake F 45665
Mand'aková T 9489
9490
9491
Mandalaki T 10325
Mandanis J P 14986
Mandar-Diethelm M 54156
Mandarino M P 47595
Mande R 37853
Mandel B 10875
22596
Mandel L 15148
20147
Mandel M 2560
Mandel P 7758 13768 15148 19480 26705 26881 26882 26942 26944 37834 38761 48851 52428
Mandel S 51052
Mandel W 1284
Mandelbaum F B 52394
Mandell J 12575
Mandell W 19087
Mandelli F 3859 3877 9398 16025 32165
Mandelstam J 10209
Mandema E 15793
50712
Mándi I 18601
Mandić V 23687
Mandillon G 2010
Mandin A 30459
Mandin J 15138
Mandin M 21750
Mandl A M 17233
53494
53495
Mandler F 13923
Mandler G 17150
Mandler J M 4948
17094
Mandó A 19208
Mandolesi J 6598
Mandoul R 5315
Mañe Garzón F 36851
Manelis G 16401
Manen J G van 7316
Manenkov P V 12156
Manera C 44837
Maneschi M 13956
13957
Mănescu N 31131
Manesse G 5873
Maney W A W 50028
Manfredi D 25532
42526
Manfredi F 8592
Manfredi G 2967
2976
Manfredi L 21469
27651
Mangabeira-Albernaz P 31809
Mangabeira-Albernaz P Jr 31809
Mangalik V S 233
5169
Mangalo R 47411
Mangan G F Jr 733
Mangan G L 40887
Manganelli G 39651
43460
Mangelschots L 46556
46562
Mangiantini M T 1529
25646
Mangiapan T 30472
Mangiaracine A B 965
Mangiardi J L 47250
Mangiarotti G 37511
Mangione F 47789
Mangold R 14293
28321
30969
Manguel M 8169
20636
27220
49166
Manguel R 18849
Manguso L 6797
23758
35158
Manhouri H 11946
26327
26328
37848
Manicki J 30728
43669
53147
Manigand C 54441
Manigand C (Mme) 54441
Manigand G 32050
Manigault P 39256
47405
Manikowska-Lesińska W 43644
Manikshaw S 4203
Manion W C 2889
Maniori E 54280
Manis M 40759
Manitz G 51804

Mankiewicz E 10428
37974
Man'kovskii N B 33494
Manlove C H Jr 35887
Manly B M 53696
Manly R S 17201
Mann A J 26132
Mann B 48305
50121
Mann E B 33058
Mann F C 518
Mann G T 19841
Mann H 28511
Mann I 31919
Mann J D 34947
Mann J R 12226
27816
Mann L B 2351
Mann M 5668
19616
Mann M B 30225
Mann S O 40837
Mann T 10049
19550
26292
30886
Mann W N 39716
Mannaioni P 37419
37422
Mannaioni P F 27647
Mannell W A 17954
Manner H W 3928
Mannering G J 41280
Manners D J 46791
Mannes P 35504
53237
Mannetti C 36768
Mannheimer E 26510
Mannheimer W H 35931
Manni C 6777
Manni G 49588
Mannik M 13629
Mannin E 6560
Manning C C 5816
Manning E L 39892
Manning G W 460
Manning J A 2435
Manning L K 48323
Manning R 18791
Manning R T 10436
Mannix E P Jr 2368
Mannkopf H 18282
Mannoni 2327
Manns B 49211
Manns O 7967
7970
20324
Mannweiler K 2322
Manolov S E 37130
Manok M 39797
Manolescu N 9460
Manolidis 19320
Manolov D G 36400
55844
Manonmani K 41264
Manoussos G 48826
Manoylovitch P 47359
Manrique J 12522
Mans A 28091
Mansani F E 3850
Mansbridge J N 13425
Manschot W A 7345
7346
Mansfield V 38243
Mansfield E 772
24625
41195
Mansfield L 7550
Mański W 23584
29514
29519
29520
Mansmann H C Jr 31408
Manso C 3695
Manson D 1553
Manson D I 4439
Manson M D 54502
Manson R M 5530
Manson-Bahr P 14783
18710
55057
Manson-Bahr P E 14297
49216
Mansour T E 47938
Mansurov M Kh 51741
Mansuy 26366
Mansveit J van 49623
Mantegazza P 48239
Mantel N 17220
28523
Mantellassi G 32596
Manter W B 41099
Manteuffel-Szoege L 6869
Manthei C A 14469
Mantor F C 42063
Mantovanelli S 29731
Mantovani M 37329
Mantz J M 3111 10040 10044 15147 45015
Mantz O R 19405
Manuel y Pinies L 8812
Manuilov I A 12167
Manuilova I D 45181
Manuil'skaia T M 1731
Manukian R S 18213
Manunta G 25642
36800
44804
Many P 31063
37880
Mányai S 24011
Manych J 38163
Manz R 27141
Manzhulo G P 45224
Manzillo G 20813
35162
Manzini B 32146
Manzini B 37451
37495
Manzini C 2506
Manzini E 3857
3885
Manzino B E 43931
Manzo F 37473
Manzoli U 25698
Manzone P 39515
42669
Manzoni A 36789
Manzoni E 15515
Manzotti M 51098
Mao C P 38406
Mao S P 14934
14936
Maquet N 9502
Marable I W 10243
Marable S A 15238
22071
29121
Maragnani U 6822
6828
52004
Maraini G 3468
Maral R 26671
Marambat A 50771
Maramorosch K 22597
Marangoni L 1986
Maranhão M A 21076
Marani F 42521
Marañón G 21152
29215
38531
Marański C 33683
33724
33725
Maranzana P 9333
Maraschi M 2960
Mafatka Z 2744
28515
Maraud R 3083
26771
Marazzi Uberti E 37335
Marazzini F 13107
13114
Marbarger J P 4655
Marberg K 24989
Marberger H 29073
55031
Marble A 1594 19713 29247 31288 51814
Marburger R C 10260
Marc Y 17852
Marc-Aurele J 38010
48529
Marçais 38777
Marcais J 48961
Marcato D 52941
Marcato M 9424
21499
39646
Marcel J E 20664
Marcella L C 46991
Marcelou U 21314
Marceron L 32014
32018
March C 50195
Marchal G 32187
32192
43945
54303
Marchal J G 30460
Marchal P 32404
Marchand J 39500
Marchand J H 40959
Marchand L 27347
47441
47443
Marchand L M 55419
Marchand P 51180
Marchand R 18504
Marchand W E 11668
25517
Marchbanks V H 4705
Marche J 9240
35904
54166
Marcheix J 9233
Marchese G S 42734
Marchese M J 43869
Marchesi F 13957
Marchesi R 1895
1896
Marchesini L 3632
3635
9421
Marchetta F C 10129
46476
Marchetti G 37465
52083
Marchetti P 19185
Marchi M 44165
Marchi W A 53872
Marchiafava G 9600
Marchionini A 39811
Marchis-Mouren G 13837
Marcial-Rojas R A 11768
23522
Marciniakówna E 30904
53222
Marcinkowski T 53214
Marck A 18155
Marco Ahuir R 46670
46674
Marcolongo F 8594
9595
31690
36972
Marcon E 1847
3540
37287
Marcondes D 41197
Marcondes N C 47299
Marconi G 1488
Marconi M 13959
Marconi P 18535
Marconi R 29572
52025
Marcora F 3638
Marcos A 15475
Marcot M 26685
26929
Marcotte J M 50887
Marcoux F 36098
Marcovich H 14418
Marcovici J 54883
Marcovici N 43120
Marcucci A 2879
Marcucci F 37327
37328
37456
Mărculescu G 43989
Marcus A 4775
4776
Marcus A D 50250
50251
Marcus A J 40700
Marcus D 40364
Marcus E 12548
54780
Marcus F 37068
Marcus G H 45991
Marcus J F 40405
Marcus M 30164
52620
Mărcuș N 43991
43994
Marcus P I 22595
Marcus S 17404
31363
31402
44145
Marcuse F L 40757
Marcusson H 38917
Marczinskiewicz A 10585
Marczyńska A 30694
Mardershtein I G 31165
Mardjono M 41978
Marécaux L 20524
Marechal A 21583
21591
54316
Maréchal J 47771
Maréchal R 42402
Mareev Iu S 10738
Marek A 22840
Marek P 45371
Marek Z 30392
Marembat J 50767
Marenić S 51725
Mareș A 9472
Marescaux J 26934
53952
Maresch W 22754
33536
Mareschal P 999
Marescotti V 21756
Maret G 28351
Maretskaia M F 51221
Marfin B I 18191
Marfisi A 6811
Marg E 24564
46464
46465
Margaglia F 6788
19162
42529
51957
Margaillan A 14497
Margale J 6709
Margalith D 39817
39820
Margaretten W 35713
Margaria R 15724
25643
40437
Margaronis K 49687
Margarot J 47379
Marge E 24550
Margerum H A 53107
Marget W 25269
55498
Mărgineanu V 9463
Margini G F 42617
Margitay-Becht D 39748
Margni R A 27202
Margolian J 5874
Margoliash E 13809
Margolin L S 3813
Margolina P D 45121
Margolis A J 2516
Margolis E 23726
Margolis G 24757
24764
Margolis J 4886
19653

Margolis J 28613 46436
Margolis Kh Sh 10808
Margolis R N 37909
Margolisowa A 16036
Margolius A Jr 5267
Margoshes M 30097
Margoshes S 17292
Margottini M 25528 40980
Margulis A R 823
Margulis U Ia 50021
Mari V M 46678
Marí Martínez M 13521
Marian J 9004
Mariani A 31703
Mariani E 9397 32130
Mariani F H 43912
Mariani G 1992 1993
Mariani L 37353 37354 37452
Mariani P L 2000
Mariani R 19179 19238
Mariani T 31377
Mariano J 13616 13622
Marianyi J 38354
Mar'iasis Kh D 22503
Maricq L 26190
Marie J 25496 25501 45005 54008
Marie-Thérèse 38689
Marienfeld C J 5191
Marigo M 19588
Marigo S 39060
Marill F G 2458 2459 39490
Marin A 9481 21448 36095
Marin A 47766
Marín A C 43888
Marin H 31450
Marin J 30159 30181
Marin T 31124
Marín Bonachera E 7574
Marina C 31485
Marina Vélez M 8815 53918
Marinacci A A 2348
Marinacci A A 16616 37817
Marinaccio G 32102 42642 51994
Marinai M 25648
Marinelle Vidaurreta Z 2326
Marinelli D 3728
Marinelli L D 12676
Marinello E 25641
Marinello Z 13529
Marinescu B 44002
Marinescu E 6594 44002
Marinescu S 27444
Marinescu V 44001
Marinetti G 33073
Marinetti G V 4744 4779 13793 13836 17410 47945 47961
Marini A 37486 37487
Marini E 36226
Marini G L 54249
Marini M P 36809
Marini-Bettolo G B 31717
Marinković M 39712
Marino A 19268 20979 35163 44340 53775
Marino C 36709
Marino D J 1281
Marino E H 43884
Mariño E L 8012 8013
Marino H 13914
Mariño Vásquez J 29383
Marinone G 21635
Marinoni G F 53581
Marinoni U 6948
Marinosci A 3849
Marinov M 31133
Marinov P 32737 45311
Marinova L 28745
Marinović I 23682
Marinozzi V 502 27770 53821
Marinucci M 24933 54218
Marion H 30999
Marion P 6297 6307 6310 31688 36652 41397 42499 42500 42504 51373 51380 51381 51384
Mariotti G 13925 37424
Marique P 9502
Maritano F 19205
Mariuzzi G M 7746
Mariuzzi G M 14018
Marjanen P 209 24836 36115
Mark H J 5811 17136 23409
Mark L C 30159 30181
Mark L K 46058
Mark R E 22875 46650
Mark R F 5782
Markarian S S 10755
Markee J E 35102
Markel S 44152
Markell E K 3521 3522
Markello R 13246
Markham J W 5530
Markiewicz J 38470
Markiewicz K 8062 33759
Markiewicz O P 33684
Markiewicz Z 33750
Markiewicz-Brzezińska H 7830 30326
Markis S P 20200
Markina V P 54563
Markkanen T 43217
Markkanen T K 24811 24846 24847
Markle G B IV 21513
Markley J C 157
Markman B 27400
Marko A M 2593
Markoff E 48549
Markoff N 15642 38996 53309 54328
Markov A M 6024
Markov K 28715
Markov K I 46173
Markov Kh M 52963
Markov M 32759
Markov V I 22614
Markov V N 16432
Markow W 34069 46275
Markova E D 34782
Markova I V 37209
Marková J 2708
Markova K P 45723
Markova N S 29555
Markova O N 43415
Markovits P 39486
Markovits S 1518 28535
Markovitz A 49463
Markovska P 27863
Markowitz A 24671
Markowitz A S 44143
Markowitz H 40538 40539
Markowitz R 4117
Markowitz R H 7022
Marks A 46403
Marks C 48590
Marks C H 11807
Marks H 39771
Marks I N 8493 12579 51123
Marks J 5615 7040 7845 16632 26011 36529
Marks L 12299
Marks L J 36324
Marks M 47532
Marks M M 21857
Marks P A 17063 29866
Marks R A 32345
Marks R H 24727
Markus B 6086
Markvart O 38166
Markwalder H 9540
Markwardt F 27913 43007
Markwood I 40044
Marland P 9628 37912 43741
Marler E A 19871
Marley A 3861 6798
Marley E 38621 48221 50847
Marley W G 14408 31577
Marlow A A 52629
Marlow H W 38560
Marlowe B 24590
Marlowe D 17179
Marmalevskaia L Ia 55761 55762
Marmell M 48247
Marmier C 31619
Marmier R 15203
Marmion B P 2242
Marmont A 21654
Marmor L 47254
Marmoreston J 8644 12507
Marnay C 15102
Marnell R T 27057
Marner I L 22403 22404
Marnham R 53275
Marñon G 31842
Marocco F 6951 29713
Marois A 51357
Maroja R C 28092
Maroja R de C 40224
Marongiu A 36800
Maronneaud P L 51467
Maros T 23122 28793
Maroske F 11370
Marossero F 19247 54101
Marosvári I 24012
Maroteaux P 24970
Maroulis B G 49486
Marozzi E 6932
Marples E A 13812
Marquand J 36666
Marquardsen G 25285
Marquardt C R 18155
Marquardt H 14421 15432
Marquardt P 1590 13634 36945
Marquardt W 39011 39019
Marque J 5330
Marques A 16138 35962
Marques J M 32041
Marques M de M 13590 36898 36902 36903
Marques M de S 4358
Marques M F 23733
Marquès P 41368
Marques W 8732
Marquevielle J 26322
Marques C 5450
Márques M 22268 54993 54994 54995 54999
Marques V 8837 53940
Marquézy R A 44770
Marquis M 5764 40804
Marr J P 10125
Marrack D 13183
Marrack J R 4160
Marrama P 333
Marraro H 53267
Marraro H W 19854
Marras G 13999 14000
Marrazzi A S 15700
Marrazzi G 31755 42667 44379 44382 44383
Marrè E 47933
Marrett H R 35938
Marrian G F 7199 13729 28246
Marriott F H 17970
Marriott H J 24343
Marriq P 32371 51472
Marro F 6934 7249 13971 13972
Marrone N 25645
Marro J W 25053
Marrubini G 47800
Mars F 8238
Mars G 12054 16033
Marsano R 36786
Marsch A 3234
Marschner G 11413
Marsden C W 37558
Marsh C A 46789
Marsh E J 24586 27059
Marsh F 14298
Marsh H F 5077
Marsh W R 3929
Marshak A 10210
Marshak M E 15769 33480
Marshak R 24516
Marshak R H 12292 27081 28520
Marshak R R 5437 28187
Marshall A 14050 14175
Marshall A H 5687
Marshall A J 45919
Marshall B M 14573
Marshall E K Jr 2341
Marshall F 151
Marshall H 5154
Marshall H K 7626 10456
Marshall H R 2840
Marshall J 7041 9807 41816
Marshall J D 20790
Marshall J F 47598
Marshall J H 39212 40836
Marshall J M 47105

Marshall M 14753 40522
Marshall M Jr 18149 30098
Marshall P 25056
Marshall P B 28608 41295
Marshall R J 29303 29304
Marshall S V 42125
Marshall T D 16533
Marshall W 14067
Marshall W H 686
Marsico F 35627
Marsiglia M 26507
Maršíková L 2749 35206
Marsillac J de 13593 21051
Marsilli G 1898 1899
Marsk A 23893
Marsland D 32356 39274 39282
Marsland D A 18067
Marsland E A 44062
Marsman W 52540
Marson G 6825 6827 29592
Marson G B 6823 52002
Marsters A K 12457
Marston E L 52754
Marston R Q 20775
Marszałek Z 30766
Marteau R 31769
Martel F 51358 51361
Martel P 24627
Martell A E 1345
Martelli 15749
Martelli A 6794 51990
Martelli G 25695 27675
Martelli M 32094
Martelli P 1936
Martellière E 8317 8320
Martem'ianova P M 55765
Marten R H 2161 41820
Martens A S 52862
Martens S 15573
Martens T G 47045
Martensson E H 23722
Mártfay E 40053
Marti F 30632
Marti H R 21650
Marti T 20608 30963 40977
Marti Ibañez F 31822
Martiarena L H 30991
Marticorena E 451
Martikian E S 5969
Martimonov P D 22629
Martimor E 47758
Martin 51402
Martin A 1003 41998
Martin A E 7034
Martin A R 5511 5512
Martin B F 16793 16794
Martin C 25475
Martin C (Mme) 44727
Martin C A 44636 51363
Martin C E 4243
Martin C J 13797
Martin D A 43254
Martin D S 2690 38081
Martin E 13019 28078 31044 35204
Martin E A 16394 50660
Martin E C 41076
Martin F 21343 35246 44711
Martin F A 11649 23411
Martin F I 13668
Martin F J 1172
Martin F M 2173
Martin G 26737 37836 37837
Martin G B 11779
Martin G J 15720 15727 24599 47735
Martin G M 31472
Martin H 42275
Martin H B 4660 16812
Martín H J 9726
Martin H L 12537
Martin I 33538 40807
Martin J 1149 9106 9109 11088 24014 28565 32706 35366 48869
Martin J A 24785 45814
Martin J D 19830
Martin J D Jr 10104 12832 18103
Martin J de L 41917
Martin J E 4624
Martin J H 6460 37622 42089
Martin J L 5553
Martin J M 31838
Martin J P 41890
Martin J R 36914
Martin J W Jr 40351
Martin L 186 8227 36090 38766 54731
Martin L W 50200
Martin M 6414 44664 51511
Martin M E 2230
Martin M G 2644
Martin M M 20388
Martin M P 1162
Martin M V 42194
Martin N H 7167 28297
Martin P 21595 35231 35249 35422 35997 44657
Martin P A 53639
Martin P G 49369
Martin P L 10463 22737 41376 41377 50771
Martin R 54068
Martin R Jr 49185
Martin R B 40502
Martin R M 24479 40757
Martin S E 49966
Martin S J 31463 38000 47314 47339
Martin T A 48779
Martin W J 10143 26143 49649
Martin W L 20305
Martin W R 5745 5747
Martín Contreras J 8800
Martin-Dupont 41130
Martin-Dupont C 5327 17652 41126
Martin Jones M 20367 20370
Martin-Lalande J 28374
Martin-Laval A 41479
Martin-Laval J 9034 26267
Martín Niclós J 53941
Martin-Noël 6324
Martin-Noel P 2393
Martín Pérez J I 296
Martina G 19234
Martineau B 2608
Martínek J 48618
Martinek J B 9455
Martinelli P 50014
Martinelli V 1517
Martinenghi C 29655
Martines G 30334
Martinet J D 15958
Martinet M 3062 9130 25468 38733
Martinet R 27692
Martinetti L 27643
Martínez A 19782
Martinez C 31377 37561
Martínez E F 27215
Martinez J 21394
Martinez J B 18137
Martínez J L 25955 25959
Martinez L M 16934
Martinez N 19794
Martinez R 13958 32094 54225
Martinez R E 24483
Martinez S 4154
Martinez S J 21157
Martinez W V 3794 18131 26610
Martínez Bordíu C 1797
Martínez Bula L A 3325
Martínez Canaveri A 15498 53341
Martínez Conde M 53899
Martínez Conde R 43893
Martínez Condez R 31018
Martínez Cruz J A 25676
Martínez Cruz R 25676
Martínez de Carvajal V 39969
Martínez de Maturana L 53928
Martínez de Muniz M A 36847
Martínez de Victoria y Jugera M 18346
Martínez Díaz J 31483
Martínez Elizondo P 53971
Martínez-García M 23905
Martínez Garcia W 21128
Martínez Landaburu J C 29343 44387
Martínez Pastor E 44482
Martínez Peñuela J M 21117 31814 53905
Martínez-Piñeiro Caramés J A 13536
Martínez Romero A 29367
Martínez Zuviria E 9709
Martini A 23637
Martini E 3469 7110 34322 47792
Martini G 6842 6843 29617
Martini G A 49680 51836
Martini P 29791
Martini R 39103
Martini V 1885 1886 1887 1888 37398 37399
Martinie-Dubousquet J 45788
Martinius J 36506
Martino A F 8676
Martino G 1530
Martino O A 6605 6602
Martinoli E 35946
Martinot M 36625
Martinotti G 39694
Martinov A 16431
Martinović A 27680 27860
Martinović N 29392
Martinović R 22638
Martinovitch P N 7242 7243
Martins A 44440
Martins A V 2448
Martins J 8780 43484
Martins J K 15931
Martins M L 35855
Martins S M 10464 45927
Martins Da Silva M 13907
Martins de Oliveira J 486 14034
Martiny K 10357
Martirosian V V 34756
Martirosian V V 55852
Martirosian Z T 45166
Martischnig E 30055
Martius C 15428
Martius G 15426 34210 34212 34578
Martius H 15417 15451 45267
Marton G 11381
Márton I 11170 29150
Márton S 34041 34337
Marton T 6342 23198
Martoni L 2962 2969 2972 14525 26618 27769 29710
Martorell F 6717
Martorella F J 30153
Martorelli R 3313
Martre P 50767 50771
Martsevich M S 22647
Martucci E 39913
Martuzzi M 6940
Marty F 27025
Marty J 30479
Marty M T 42443
Marty P 4274
Marty S D 11577
Martyn R 39742 39745
Martynov I F 45138
Martynov Iu S 46295
Martynova G D 34652
Martynova N V 22532
Maru A M 50612
Maruashvili G M 18868 51734 51743
Marucci A A 12765
Maruelle R 43754
Marumo H 16802
Maruna R F 38513 41970
Maruno H 18170
Maruri C A 44790
Marusic E 21192
Marušić K 7667 45909
Maruyama K 4809 47951
Maruyama Y 16464 40205 40206 52618
Marville R 26775 37839 38749

Marvin D A 7176
Marvin H P 44852
Marvin J F 17319 50202
Marvin S L 2347
Marwah S N 40929
Marwin R M 22142
Marwyck C van 46273
Marx C 26833
Marx G F 52656
Marx G L 44127
Marx H E 12715
Marx H H 3231 5059
Marx H P 50132
Marx J 28933
Marx J E 35256
Marx M H 17087 50500
Marx R 1790 32628 38977 41766 55079
Marxer A 15662
Marxhausen E 34150
Mary Anne, Mother 16177
MaryCephas, Sister 49959
Mary Coralita, Sister 16196
Mary Edwardine, Sister 16204
Mary Gabrielle, Sister 40019 49958
Mary Gertrude, Sister 19301
Mary Joan, Sister 49960
Mary Jude, Sister 16187 16205
Mary Loyola, Sister 48438
Mary Martha, Sister 16218
Mary Maurita, Sister 16183 16194
Mary, Sister 16219
Mary Vera, Sister 40026
Marzani F 20179
Marzano T 54197
Marzinek B 6868
Marzolin V N 33275
Marzuoli U 8632
Mas A de 19054
Mas J 41376
Masák J 9486 9487
Masamune H 10385 10387 10388 22257 22261 22263
Masanti J G 42184
Masbernard A 2489 9222 24768 47342
Masca-Ciobanu I. 31138
Mascagni M T 32097
Mascarenhas B 44439
Mascaretti L 49574
Mascher W L 32275
Mascherpa A 13991
Maschio C 9320
Maschio G 9317
Maschmeyer J E 14558
Masci E 13938
Masciangelo P M 54272 54278
Masciocchi A 31698
Mascitelli-Coriandoli E 23065
Mascrê M 31481
Masdea E 15030 42693
Masek B 40583 40591
Mašek J 15465 48632
Maser M D 21971
Mases P 51490 51491
Masetto I 11954 11958 11960 20819
Masferrer R 13522
Masheter H C 2028
Mashkilleison A L 45115
Mashkov A V 34615
Mashkovskii M D 41669
Masi A T 13890 13908 24424 37250
Masiero L 15250
Masin F 14738
Masin M 14738
Masingue M 6391
Masini G 19235 29703 31678
Masino C 52008
Maskalenko Iu E 25918
Maskaleris T G 49176
Maskar U 33007
Masland R L 39152
Maslennikov A S 3816
Masley P M 25164
Maslov A I 45877
Maslov M S 20268 41668
Maslov P E 22506
Maslov V I 41515
Maslova A F 37183
Maslova M N 37132
Maslova N P 33260
Masnatta G 20632
Masnatta G 43848
Maso C 21120 21129 41005
Mason A S 14080 18369 43795
Mason B 5936 14277
Mason D G 46534
Mason D J 5085 17146
Mason G W 968
Mason J W 733 15589 20874 47106
Mason K E 15756 46892
Mason K M 20884
Mason L W 17483
Mason M L 8481 19971 19976 32721 40604 52463 54762
Mason R 26008
Mason R M 1205 50402
Mason W R 12308
Mason-Browne N L 15574 38030
Masoro E J 40569
Maspes P E 19247 32472 42718 54101
Maspétiol R 275 1011 36153 47466
Masri M S 44125
Mass P 19086
Massa B 39515 42631
Massa G 42539
Massa L 8554
Massaioli N 6801
Massani Z M 50729
Massano A 52030
Massara F 42546 42550 42646 42650
Massara G 42760
Massardier M 6302
Massarelli F 48114
Massarente P 8701
Massari N 335 35534 37515
Massaro C 53331
Massazza M 13109 13110 13121
Masse C 41105 41112
Masse L 41105 41112
Masse N 30444
Massé P 25475 42448 45007
Masseboeuf A 18633
Massei G 25648 49575
Masselin S 35435
Massell B F 8356 20258 29260 30420 35710 35711
Massell T B 46521
Massenti S 3896
Massera G 19161 51975 51960 51965
Masserini C 29659
Massey B D 55025
Massey V 13824 47939
Masseyeff R 26861
Masseys 5325
Masshoff W 45796 49140
massie R W 18106
Massie W K 48774
Massignani A M 21967
Massillon L 3122
Massimo C 1493 1494 1495 5876 6787 6800
Massimo L 6244 29722
Massimo L M 50235
Massin M 48799
Massion J 36605
Massion-Verniory L 264 11986 46618
Massiot A 32385 54047
Massler M 16528
Massola U 29672
Masson 21258
Masson A M 26427
Masson G M 698 12555 50123
Masson H 14387 14388 47479
Massone A 25538
Massone G 14011 42566
Massonnat J 953 32411 36106
Massotte J 6357
Massoud E 31961
Massue G 2527
Masszi F 49811
Masszi J 37243
Mast H 38950 49284
Mastalerz P 53207
Master A M 458 39556
Master J 18408
Master R W 49301 49302 49363 49364
Masterman L E 18024
Masters R E 12366
Masterson J F Jr 50903
Masterton J P 8275 15047 22281
Mastikova Iu N 19133
Mastopaulo T N 28117
Mastrandrea F 20987
Mastrogiovanni M 44751
Mastrogiovanni P D 1002 26990 47442
Mastrogostino S 31749
Mastrotanni L Jr 49510
Mastrojacovo M 36970
Mastrokalos N 52360
Mastropaol 3913
Mastropaola A 3912 3913 3917 30180 42668 42684
Mastrorilli A 27648
Masturzo A 31764 31765
Masturzo M 27637
Mastyńska M 30757
Mastyukova Y N 46779
Masuch F 20097
Masuda T 2818 14931 18165
Masuhr H 38906
Masui M 13831
Masure P E 32060
Masure R 228
Masurel N 41790 43043
Mata de la Campa M 42210
Matanić V 22644 38855
Matano F 37370 37372 37374 37376
Matarazzo C 37383
Matarazzo J D 40742
Matasović T 23680
Matavulj N (Mme) 14486
Máté K 45972
Mateer F M 24431
Mateicka W E 11072
Matějček J 46289
Matějíček V 2756
Matějovská V 34499
Mateos Fournier M 2932 2933
Matera R F 21250
Mateş E 31128
Mates J 31782
Matev I 28698 28753
Matev K 45304
Matev S 16428
Mateyko G M 13235
Math 797
Mathai R 28283
Mathaus T de 47754
Mathé 31946
Máthé A 4133
Mathé G 9024 9025 19593 20668 21266 37802 53334 53335 53337 53338 53988 53989 54300
Mathe P 41129
Máthé Z 11170
Matheka H D 45823
Mather A N 4757
Mather K 19682
Matheson D I 2610
Matheson N M 18712 18713
Mathew S 5090
Mathews A 16504
Mathews A G 6451
Mathews B L 14642
Mathews W H 36914
Mathewson C Jr 32731 36281
Mathey J 9023 51882
Mathias A P 14136
Mathies H 42372 46194
Mathies J C 28252 31335
Mathiesen F R 35453 35459
Mathieson D W 41328
Mathieu 47466
Mathieu H 25501 44615
Mathieu J 1059 6323 10867 15167 44635
Mathieu L 8251 54060
Mathieu M 55122
Mathieu R 45544
Mathieu de Fossey B 9188

# CURRENT LIST of MEDICAL LITERATURE

Mathieu de Fossey B 43970
Mathis C 15962 39477
Mathis M 48418
Mathis P 31983
Mathis R I 44394
Mathis W 47259
Mathisen A S 54950
Mathisen W 10382
Mathivat A 43743
Mathov E 15524
Mathur B P 27978
Mathur K S 40917
Mathur M S 50613
Mathur P S 5173
Mathur S P 26071 47033 48216
Mathuranayagam D 14227
Mathy W E 42821
Matiar H 27171
Matić V 51718
Matilla V 35973 42239
Matilla Gómez V 51668
Matioli G 27762 27768 53791
Matis J D 15542
Matis P 2436
Matiushina Z V 45156
Mativa E 51065
Matkovich R S 45708
Matkovics B 23151 32284 41636
Matli G 9994
Matlina E Sh 48009
Matoff K 34304
Matokhin V F 41548
Matoltsy A G 41009
Matoltsy M 5149 5150
Matossian R M 47272
Matossy Y 37929
Matoušek M 26559
Matousek W 35894
Matovinovic J 11900 15755 49254
Matracia S 13951 36708
Matras A 25297
Mats D I 21920
Mats L I 3802
Matsaberidze V M 22515
Matsaniotis N 43492
Matscher R 1525 1527 37316 37317 37318 48119 48120 48121 48122
Matschiner J T 40486
Matson D D 26648
Matsuba M 15578
Matsubara H 1677
Matsubayashi H 46499
Matsuda K 22252 22254
Matsui C 40597
Matsui H 3602
Matsui K 7206
Matsui K 14914 14927
Matsui M 18160 18161
Matsui S 4343
Matsui T 28399
Matsui Y 14926
Matsumae A 16799
Matsumoto K 49668
Matsumoto T 49670
Matsumoto Y 50067
Matsumura A 22916
Matsunaga K 18176
Matsuo M 20111
Matsuoka Y 15083 17100 37835
Matsushima J J 24403
Matt J G 3380 41237
Mattace Raso F 21443
Mattea E 29745
Mattei 18634
Mattei C 21376 32057
Mattei F 51370
Matteini M 37412 37413 42618
Mattenheimer H 23621
Matter R 55455
Matter W 21631
Mattern P 51515
Matters R F 51525
Matteucci C 42487
Matthaei E 5665
Matthaei R 34303
Matthaes P 34026
Matthes A 39043
Matthes F T 20256
Matthes K 46032
Matthes M 11238 11297 11300
Matthews C M 32701
Matthews D 38626
Matthews E 20576
Matthews E C 143 18115
Matthews G 14075
Matthews H G 55420
Matthews J 28662
Matthews L W 7873 17586
Matthews R E 20319 22598
Matthews T 797
Mattnews W B 2020 31271 48298
Matthey R 3446
Matthies H 23598 23613
Matthies S 23613
Matthiesen M 35360
Matthijs R 15808
Matthis A W 13911 37946
Mattia V D Jr 35706 39157
Mattick F 33928
Mattila A 27282 30209
Mattina V 37347
Mattingly D 36067 37693
Mattingly S 36296
Mattingly T W 2889
Mattioli G 15183 42536
Mattioni R 42470
Mattis P A 51072
Mattison B F 12652 40346
Mattison N L 36355
Mattison W E Jr 48377
Mattman L H 4729
Mattos A D 44451
Mattos A D de 8788 44449 44473
Mattos L 8750 39991
Mattos M B 39992
Mattos M de B 8775
Mattos Pimenta A 34607
Mattox V R 1352
Mattox W E 8638
Mattson F H 16907
Mattson S B 12786
Mattsson Å 32846
Mattsson A 54809
Matty A J 17237
Matulewicz S 30714
Matumoto M 4335 4336 16445
Maturana V 4237
Maturova M 26907
Matus I 8909
Matushkina L E 41696
Matussek P 43109
Matuszewski B 48690
Matveev K I 37176
Matveev K I 55841
Matveev O G 6635
Matveeva T S 55855
Matveyev M P 16315
Matwijewicz J 43650
Matyaheva's'ka M S 29548
Matyus E 52902
Matzander U 22201
Matzke H 18996 32960 38895
Matzke H A 46443
Matzker J 23025 23037 23054 35301 46152
Matzner M J 534
Matzner R 34276
Mau L M 17216
Mauch H A 47523
Mauck H P Jr 10839
Mauclet R 46563
Mauduit A 422 424 428
Mauer I S 12714
Maugeri S 13660
Maul W 27914 46183
Maumenee A E 24572
Maunsell K 23527
Maupin B 10957 10968 26748
Maupin E 20257
Maupoumé R 26920
Maur M 39103
Maurat J P 26762 26820
Maurath J 22207 22216
Maurel H 36140 48415
Maurelli A 3715
Maurer E R 488 28151
Maurer F D 12767 44090
Maurer G 29058 42917
Maurer H J 361 9992 10013 15853 31622 32632 32643 34589 35602 39383 39389 46803 55456
Maurer J E 33097
Maurer J J 35885
Maurer M L 49653
Maurer P 31892
Maurer P 47561
Maurer P H 17602 31408
Maurer R 29461
Maurer R L 28434
Maurer W 23057 32690 47905
Maurey J R 19603
Mauri C 1957 21627
Maurice D M 47036
Maurice G L 12341
Maurice P 36682 43739 47751
Maurin J 13044 31077 36083
Mauritzen K 1634 10615 23695
Maurizio E 13133
Mauro A 17329
Mauro E L 53846
Mauro M 8596
Mauro M Jr 15791 53774
Mauron J 13392
Maurus M 42904
Maus H 39086
Maussion L 13057
Mautner B 30953
Mautner W 40601
Mautone J A 39621
Mauvais P 36063
Mauve 39473
Maver H 28569
Mavor G E 2158
Maw G A 13716
Maw W A 14605
Mawatari H 16806
Mawdsley D L 22000
el-Mawla N G 4959
Maxfield J R Jr 5345
Maxfield M 21706
Maxfield W S 32516 53726
Maxim I 19580
Maxted W R 19533
Maxwell A E 17119 37578
Maxwell E S 47708
Maxwell G A 20070
Maxwell G M 4873 41035
Maxwell I 4252
Maxwell J H 13274
Maxwell M A 8501
Maxwell M H 25010 31308 40697 52645
Maxwell R A 17932
Maxwell W M 29298
Maxwell W T 10129
May C D 7859 30429 43497
May E 2494
May F E 16259
May G 34065
May H 29070
May H C 12393
May J 26057
May L 5472
May L E 16562
May M M 46896
May R D 11641 18145
May R H 24097
May R L 22473
May R M 38683
May S 50014
May V 21382
May V (Mme) 40460
Mayacos D 15184
Mayall R C 12996
Mayama M 40423
Mayat V 40932
Mayaud R 29186
Maybury I R 27924
Maybury R H 40493
Maycock G 42982
Maycock W D 5625
Mayer A 6729 22744 30618
Mayer A M 7157 52295
Mayer C 43005
Mayer C F 19143
Mayer E 3365 4461
Mayer E G 22866 45950
Mayer F C 1717
Mayer F E 30425
Mayer F O 52205
Mayer G 3046
Mayer G A 2541
Mayer H 39810
Mayer J 4673 14026 15617 49350 52324
Mayer J B 16379 19020
Mayer K 48056
Mayer L 40603

Mayer M 21751 22172 25472 26211 40188 53030
Mayer M M 8329 28432 50595
Mayer P 46077
Mayer P A 46778
Mayer R 55454
Mayer R L 19694 24316 28942
Mayer V 14799 38155
Mayer W D 32348
Mayer W V 12929
Mayer-Gross W 47169
Mayerhofer S 42896
Mayernik J J 40371
Mayerová A 38155
Mayers M R 46877
Mayersbach H 34433
Mayersohn D 9063 9074 36156 47471
Mayes B 43728
Mayes P A 7164
Mayet A 23553
Mayman C I 14964
Mayman D 2562
Maynard E P III 583
Maynard L S 13220
Mayne S 51108
Mayne Y C 20735
Mayneord W V 42952 49852
Mayo B 31137
Mayo C W 30931
Mayo P 5249
Mayock R L 41003
Mayoral J W 15941
Mayr A 23144 46247 55687
Mayr J 19018
Mayr-Harting A 34477
Mayrargue-Kodja A 26298
Mayrhofer O 42471
Mays C W 20926 49854
Mays M G 25434
Mays W V 16236
Maystre J 17467 20614
Mayzner M S 17270
Mazabraud A 21395 24771 44776
Mazabraud A 53427
Mazal V 9443
Mazalova M F 33227
Mazare 6324
Mazare Y 2393
Mazaud R 21754
Mazel A M 9863
Mazel M S 4429 35998
Mazel P 14991
Mazen-Papier M T 48809
Mazer A 54900
Mazer J 8394
Mazet G 29213
Mazet R Jr 40617
Mazia D 3498
Mazina N M 13860
Mazoué H 38659 38731
Mazuchetti 1458
Mazur A 40698
Mazur M M 21930
Mazurek L J 46769
Mazurkiewicz I 31887 36555
Mazurowa A 30794
Mazza L 21452 27643 29663 32110 44173
Mazza V 39361
Mazzacca G 1880 9352 9364 9365 37369 44822 44823 54242
Mazzaracchio V 31710 31711 31712
Mazzaracchio V 53829
Mazzarella A 13104
Mazzei D 13931
Mazzei E 53422
Mazzei E S 20642
Mazzella H 13432
Mazzeo G 41906
Mazzeo M 54209
Mazzetti G 20966
Mazzetti G M 8359 44810 44812
Mazzi V 34401 34424
Mazzia V D 30159 30181
Mazzina Gherarducci A M 9770
Mazzini C 39694
Mazzitelli M 39691 42476
Mazzoleni G 27354 27360
Mazzone A 37400 37401 37402
Mazzoni P 6777
Mazzotti L 6606 6613
Mazzucchelli B 6929
Mazzucco R 6834
Mazzuoli G 17573
Mchedlishvili I V 20288
Mead B T 19072 19874 28549
Mead E A 21509
Mead J 21968
Mead J F 24385 24387 24397 24398 55897
Mead N G 40611
Meade P J 40141
Meador C B 45552
Meadows S P 18696
Meagher J N 16569
Meagher W 44966
Meana Negrete V 1806
Means J H 51607 53064
Meara P 51918
Meara P A 4862
Meares A 51321 51522
Mears A 21820
Measroch V 32505
Mebane J C 28207
Mebel M 11339
Mecarelli E 1852
Meccheri L A 9724
Meccoli V 26631
Mechanic R C 19857
Mechelke K 11248 11251 15150 23012 27183 27192 33973
Mechelse K 44149
Mechkunov K 32818
Mechling R S 3381
Meciff J 14866
Meckelnburg K L 36596
Meci A 49358
Meda A 29717 29718 42673 42687 42738
Meda E 1889 1912
Meda P 37529
Medaković M 28612 51085
Medal M 31859
Medalie M 48333
Medani L 48991
Medanić A 23681
Medansky R S 23518
Medard J 29143 32206
Medawar P B 6202 22308
Medawar P B 44029
Medea E 8624 8625
Medek V 30946
Medel' M E 10731
Medel R P 20631 31032
Medenwald H 27914 46183
Medgyes A 15468
Medgyesi P 35371
Medici P T 713
Medina R 11768
Medina Lois E 21099
Medina Maldonado E 8963 53977
Medina Morales F 6615
Medina ... 25041
Medintsev L F 22635
Médioni J 26945 38759 38759
Medler A 28890
Medlicott R W 16365
Medne K K 11470
Mednick S A 20861
Mednicoff I B 12271 46500
Medovy H 17619 48512
Medrano G A 35627 36839 36842
Medrea B 10294 11143 15466 31047 41150 49051 55471
Medřický O 21545
Meduna L J 50907
Medušti J 29506
Medveczky E 24026 45470
Medvedev A Ia 12171
Medvedev I A 49221
Medvedev N N 1760
Medvedev N P 5967
Medvedeva I V 33637
Medvedowski J L 28359 29212 31110
Medvei V C 51340
Medway A J 26122
Medway W 44135
Medyński M 27596
Meedeniya K 30373
Meedom B 37111
Meek C P 870
Meek E M 19275
Meek G A 16956
Meek J R 35885
Meek R A 136
Meel P J van 29970 52473
Meena A L 3371
Meer C van der 15800 15801
Meerloo J A 914 8404 19083 30172 47195 49610
Meeroff M 3330 6568 8183 9707 20626 20661 21034 21035 21061 21779 32420 32422 43856 43914 44518 53364 53367
Meerson F Z 52973
Meerwein H 47667
Meese T 15457
Meesaen H 32955
Meesmann A 39006
Meeter E 28615
Meeus-Bith L 21291 44632
Meeuwissen J E 29971
Mefferd R B Jr 732 5464 16815 23284 35822 35823 35824 35825
Megarbane A 42440
Megard M 18563 50782 50789
Megel H 47122
Mägevand A 9126 43811 54071
Meghe A 14365
Megighian D 13498 42746
Mehan D J 11663
Mehaut M 32404
Méhes I 26891
Méhes J 39749 43010
Mehigan J A 4326
Mehl H 42320 52238
Mehl J W 26472
Mehlman B 4923
Mehmke S 47659 47660
Mehn W H 54709
Mehner R 6714
Mehnert B 41751
Mehnert H 1594 3232 19087 41751 51821 52198
Mehra Y N 41902
Mehrhof E 11593
Mehri P 47023
Mehrotra R P 27977
Mehta M 35940
Mehta M S 47093
Mehta R S 4205 27991
Mei J van der 18574 18576
Meier A L 30264
Meier A L 39835
Meier D W 50425
Meier E 46226
Meier J 22190 34187 45623A
Meier J R 35229
Meier P 23409
Meier R 3471 13466 29880 29888 36573 39231 39232
Meier S M 45571
Meier W 55475
Meier-Goehr D 20532
Meierdierckx C 30162
Meignie P 29136 54457
Meignien C 1466
Meignien-Gruthier C 47356 53410 53443
Meigs J V 38600 39756
Meigs J W 23385
Meijne N G 29945
Meiklejohn A 48198
Meiklejohn A P 53262
Meiklejohn G 1161
Meillère J 43940
Meillet H 3148 38777 48980
Meillon B de 2442 2469
Meilman E 1707
Meinardus K 44306
Meineke H A 12950 31426
Meineke V 23222
Meiner K 45848
Meineri G 9288 19191
Meinertz S 12058
Meinert J K 6983
Meinertz J 53599
Meinhard J 7973
Meinke C 28062
Meinke W W 16350
Meira J A 39979 39983
Meira M 1042
Meira M T de 12903 12904 12905
Meirelles H L de 47296
Meirowsky E 3993 15717 49373
Meis L 12562
Meisel H 29504 32295
Meisel' M N 19133 33151

Meislowa P 29510
Meisner R 51253
Meiss A N 1391
Meiss J H 5866
Meissner F 29095
Meissner G 25797 37011 37019
Meissner J 33989 34060
Meissner W A 11762
Meissner W W 17342
Meister A 6755
Meister L 1177 49725
Meister P D 16715
Meiter E G 12231
Meites J 3415
Meixner H 25201
Mejia I 19014
Mejia R H 8674 8678 15494
Mejía Batlle J 44493
Mejia Caicedo F 44553
Mekler L B 34775
Mel C 21579
Melamed A 18155 20949
Melamed M 8561
Melamed S B 10234 55148
Melander B 15573
Melandri I 39704
Melanson J A 2589
Melby E C Jr 4613
Melby J C 40696
Melchinger H 10023 32667
Mel'chinskii N A 55240
Melchionda E 19209
Melchior E 55721
Melchior J 26247
Melczer M 29172 41614 43422
Melczer N 3211 3993 3997 23704 25290 38857
Meldahl K F 22446 22447
Meldolesi G 42527
Meldolesi M F 13952 37474 37475 37476
Mele M 15867
Mele R H 11933 12355
Melekhina V P 3819
Melekian B 21381 28366
Meleshko S D 11511
Melfi M 21188
Melhado J 8426
Meli A 1526
Melich E I 46530
Melicow M M 12657 52672
Melija A S 49563
Melik T 40856
Melik-Sarkisian S S 37139
Melikian L H 17167
Melikova M Iu 41693
Melillo G 1535 1538
Melin K 43230
Melis M 21579 42516
Mélka J 48619
Melki L 44694
Mella I 21180
Mellado J F 29376
Mellanby M 26143
Mellen H S 3919
Meller R L 50743
Mellergård M 45512
Mellerowicz H 23019 28045 34092
Mellett L B 5736
Mellette R R 16601
Mellette S J 26465
Mellilo G 47826
Mellin G W 30435
Mellinger R C 13170
Mellinkoff S M 35677
Mellis Y de 13040 13041
Mellman W J 5708 53014
Mello J B de 21070
Mello J F de 53847
Mello V I de 52990
Mello W C 48720
Mellor W C 20146
Mel'nichuk P V 34795
Melnick I 2677
Melnick J L 806 8335 40810 54432
Mel'nik I A 18293
Mel'nik L A 31175
Mel'nikov A V 33605
Mel'nikov P P 18898
Mel'nikov R A 55340
Mel'nikov S A 46342
Mel'nikova E A 33635
Mel'nikova L P 12139
Mel'nikova N A 33641
Mel'nikova T A 33172
Melnotte P 9097 14428 32045 54049 54052
Melnotte P J 9097
Melnykovych G 28220
Melo A da S 31854
Melo D 3842
Melo G de 21064
Melo M J 13604
Mélon J 23525
Meloni G A 6806 7751 9936 43464
Melot G 28231
Melot G J 28230 35422
Melrose A G 10394
Melrose D 1243
Melrose D G 6254 12206 26121
Meltzer H L 40485
Meltzer J I 31281
Meltzer L E 15939 24435
Meltzer M 31127
Meltzer R I 49247 49251
Melville C 41327
Melville F S 18367
Melville G S 23383
Melville G S Jr 37615 47128
Melville K I 31887 36555
Melvin E H 1299
Melvin I G 12818
Melvin J 14792
Melzack R 5510
Melzer E 34347
Melzer M 39706
Melzer V 47452
Memmer R 40855
Mena I 35677
Menaché D 21749 22224
Menaker A 39815
Menaker G J 54774
Menaker W 39815
Menard P 30450
Mencel M 30320
Menchaca I J 7589 36857 47837
Menchi D 32135
Menčík Z 15327
Menczel J 50061 51101
Mendel W M 12622
Mendell J S 11542
Mendeloff A I 12289
Mendelovici F 31122
Mendelow H 2024
Mendelsohn D 15575
Mendelsohn M L 40582
Mendelsohn R A 28561
Mendes E 23523 53847
Mendes F 8252
Mendes F T 21075
Mendes W 8783
Méndez D 8903
Mendez F L Jr 488 28151
Mendez-Bryan R 20763
Méndez-Cashion D 13880 37248
Mendizábal A F 20052
Mendizábal P 38500
Mendizábal Calderon J 8962
Mendlowitz M 627 4669 4670 46876
Mendoça M M de 39463
Mendonça J 8732
Mendonça L N 36900 36901
Mendonça L N de 53881
Mendoza M 37281
Mendoza Hernández P 8903
Menduke H 656
Meneely G R 12351 35466
Meneely J K Jr 30179
Menegaz-Bock R M 40775
Meneghello J 3175 31875
Menegus R L 23300
Menéndez I 31843
Menes S 8007
Menesses Hoyos J 6607 6614 6617 29382 29386 42235
Menesini P 37394
Menesini R 11831
Menez J 9137
Menezes Neto J R 44471
Meng C M 38400
Meng H C 17576 35811 35812
Meng J 10270
Meng L Y 18783
Menge H G 13637
Mengel G D 44092
Menger W 18907
Mengert W F 8125
Menges R W 12762
Menges R W 53673
Menghetti L 44320 53759
Menghi P 42783
Mengoli G 32166
Mengus M 54110
Meniailov N V 18184
Meniga A 1373
Menin W 47600
Menke E 15375
Menkes J H 41878
Menkin M C 43531
Menkin M F 12418
Menkin V 704
Menna M E di 40849
Menne F 39322
Mennell J M 48766
Mennig H 25342
Menninger-Lerchenthal E 33851
Mennonna G 19210
Menon A N 47222
Menon K P B 17452
Menon M K K 40091
Menozzi L 11956
Mensch M H 306
Mensch-Dechêne J 44622
Mensh I N 24710 35896 40862
Menšík M 38264
Menssen H G 49890
Mentasti P 6852 6859 21479 52104
Mentzer C 38712
Menyász E 34577
Menyhárt J 24029
Menzel D 17237
Menzel H 40660 40661
Menzel O J 46487
Menzel R 1325 13358
Menzel W 34147
Menziani E 30616
Meola G 36835
Méra E 16275
Mérab A 31961
Merbeck H 45781
Merbitz H 11203
Mercadier M 17001 38812
Mercado H R 27227 27238
Mercado M E 21205
Mercer E H 40067
Mercer W 53287
Merchant W R 4863
Merchante A 53924
Merchie G 48927 48928
Mercier A 51487
Mercier G 51357
Mercier J 54885
Mercier M 14518
Mercier R 42437
Mercier-Parot L 3076 15650 26664 26736 26810 38631 48792
Merdler-Paltin K 33946 33966
Méréaud P 41145
Meredith H C Jr 55274
Meredith H V 726
Meredith J H 12214
Meredith J M 100 18084 22578
Meredith W J 51612
Mérei G 33543
Merelli B 44281
Merelo Anaya A 42237
Merendino K A 1247 16659 22014 54666
Merenfeld R 24202 46754
Merfert K 42308
Mergenhagen S E 5190 44122
Merger R 26247 26248
Mergl V 43093
Mergler H 39390
Mériel P 9008 44780 54469
Merigliano D 32118
Mérité G 26263
Mérité P 26266
Merivale W H 39724
Merkel J R 8472
Merker H 49059
Merker H J 25819
Merkeshina L G 33640
Merklen F P 9163
Merkov A M 3807 33616
Merkulov M F 10795
Merkulova N A 49559
Merle M 37917
Merle D'Aubigne R 4785
Merlen J F 3622 12050 14364 14382 36685 53025
Merli E 29608
Merlier M 20518

Merlier M 28357
Merlin V M 34613
Merlis S 34903
Merlo G 7664 29572
Mermagen H 50136
Merodio A 21778
Meroney W H 4877 12337 38624 51916
Merrell M 36542
Merriam G R Jr 8563 47037
Merriam J C Jr 51287
Merriam R W 16953
Merrick A W 47132
Merrifield P R 4905
Merrill D L 5897 36280
Merrill J A 7630 31493
Merrill J M 505 46879
Merrill J P 1235 6745 23391 24432
Merriman J E 14565 14566
Merritt A D 5268
Merritt J H 46918
Merritt J W Jr 40832
Merritt W F 27811
Mersch E B 5253 41029
Merselis J E 21683
Merselis J G Jr 48374
Mersereau G P 51416
Mersereau M O 22223
Mersheimer W L 41033 47244
Merskey C 9830
Merskey H 50853
Merson B G 7888
Merten R 35564
Mertens G A 14681
Mertens H G 39021 41758 51249
Mertes M P Jr 40361
Merton R K 17698
Mertsalov E N 45255
Mertz D P 29899 34152
Mertz E T 5559 17814
Mertz W 20760 51920
Merveille P 13034 13035
Merz H 25903 43828
Merz K 1321
Merz O 12095
Merz P G 14370 41472
Mes L 15989
Mesa Pedrero C M 16118
Meschan I 35464
Meschan I 35856
Meschia G 17332
Meschieri L 44344
Mescolini G 24920
Mescon H 28147 29261
Meshalkin E N 10738 25765
Meshalova A N 11499 55767
Mešić J 33364
Mesmer R E 1240
Mesnard F 26219 26224 26225
Mesnard P 31477
Mesnier F 17657 26228
Mesnil L P 24120
Mesquita Q H de 36890
Mesquita Filho J de 12916
Mesri A 7583
Mess B 24033
Messelt O T 24138
Messent A D 13008
Messerschmitt J 35613
Messier B 51312
Messimy R 9157 44730
Messina D 42486
Messina G U 18533
Messineo T 19211
Messinetti S 42511
Messite J 7847
Messner D 15872
Messner J 22973
Měšťan J 44867 44870
Mestdagh C 32918
Mestel A L 34961 47592 54701
Mester E 52904
Mester L 35544
Mester T 28793
Mester Z 18588
Mestiri S 55096 55097
Mestitz P 41869 48194
Mestler G E 17369
Mestyán G 24033
Mészáros A 30293 43455
Mészáros I 24015 26677 28794
Mészáros J 24036
Mészáros K 43103
Mészáros L 41628 52928
Métais P 10040 15147 31097 45015 54598
Metcalf D 13227 48568
Metcalf J S 50910
Metcalf T G 12468
Metcalf W K 20918 52429
Metcalfe E V 51898
Metcalfe S N Jr 1312
Metcoff J 52996
Metelka J 48655
Meter I D 6642 51765
Metha M S 24598
Metha R 4755
Matheny E 24529
Methfessel J 23622 53097
Method H L 54709
Methot Y 26427 33429 45544
Methuen D T 41856
Metianu I 54024
Metlin B A 9869
Metrakos J D 8039
Metrakos K 8039
Metras H 30446
Metselaar D 10526
Mette A 15293
Mettler S R Jr 101
Mettler D C 8105
Mettler F A 12932 28304 43127
Mettler N 15510
Mettrick D F 5136 17378
Metuzals J 49371
Metyšová J 38234 38246
Metz B 26833 26834 48900 48901
Metz H 19414 34485
Metz J 9785 22294 54040 54045 54055 54060 54061
Metzenberg R L 40522
Metzgar R 31414
Metzger F C 20105
Metzger H 42410
Metzger J 19765 31112 35428 36116 41371
Metzger M 32281
Metzger M O 14486
Metzger O 13479
Metzger R 5055
Metzl J 37756
Metzler D F 50676
Metzner B 11277
Metzner H 11277
Meulemeester J de 12986
Meulen A M van der 11525
Meulengracht E 41812
Meuli 45779
Meunargia R V 10756
Meunier A 14489 47480
Meunier J M 3046 48849
Meurice E 46621
Meurman K 24105
Meurman O H 35302
Meurman Y 279
Meurman Y 35312
Meusert W 30982
Meuszyński S 31530
Meve E B 22619
Mevorah L A 48385
Mewissen D J 36610 50017
Mey R 51868 55742
Meyer A 21381 28366 40186 49731
Meyer A C 753
Meyer A E 28542
Meyer B J 753 54504
Meyer D R 4926 17081
Meyer E 11365
Meyer F 3036
Meyer G F 55617
Meyer G R 20010
Meyer H 3290 10011 19421 29797 38440
Meyer H F 29914 43705
Meyer H J 30583
Meyer I 30357
Meyer J 3158 9626 13049 21399 26806 38799 48942 48957 54158
Meyer J E 25368
Meyer J M 2899
Meyer J S 17795 28564
Meyer K 1702 3445 13810 21682 30595 49459 49460
Meyer K F 26339
Meyer L M 31306 31454
Meyer M 34406 38445
Meyer M E 16886 28224
Meyer N 8482
Meyer O O 8122 48714
Meyer P 13476 21657
Meyer R 5395 25455 34167 42428
Meyer R D 34560
Meyer R J 4843
Meyer R K 12514 39209
Meyer S J 47075
Meyer W C 29799 42378
Meyer W H 50207
Meyer W W 33529
Meyer-Burgdorff G 26162 49079
Meyer-Heine A 1463 12051
Meyer-Heine A 36663
Meyer-Hofmann G 49080
Meyer-Langedorff H 55700
Meyer-Leddin H 42326
Meyer-Lohmann J 36930
Meyer-Schwickerath G 28857
Meyerhoff G 46171
Meyeringh H 38984
Meyerriecks N 28595
Meyers D B 16716
Meyers L 19857
Meyers P T 53742
Meyers R 18094 28195 50948
Meyers R D 13352
Meyers S H 47182
Meyers S P 28210
Meyers W M 3466
Meyerson L 47538
Meyhöfer 15284
Meyhöfer W 22992
Meylan 54989
Meylan J 47346
Meyn A 45464
Meynell E W 17392
Meynell G G 17312 17392
Meynell M J 15945 38626 38627
Meyniel G 3083 41372
Meynier D 26706 38660 38710
Meza D 21068
Meza Arrau C 8911 53957
Mezger E 34201
Mezhebovskii R G 18311
Mezhenina E P 43389
Mezić A 10905 10916 10923 22643
Mezzadra G 20972
Mezzadra J M 7575 9720 9751 47295
Mezzano M 36756
Mezzasalma G 27623 37519
Miachikov I I 5968
Miagkaia G L 13863
Miahle-Voloss C 3034
Miakinnikova M V 55224
Miakisheva N N 45155
Mialaret 42430
Mialaret J 1461
Miale J B 35657
Mialhe P 25520
Mialkowsky W 6087
Miall W E 13294 15051
Miani A 29561 42495 42496 51991
Miani N 55631
Miani P 30338 37312
Miano B D 2522
Miasnikova M N 6001
Miatello E 15492
Miatello V R 20631 31032 43906 43926
Micelli A 1874
Micelli O 1875 37395 37396 42659 42682
Michael M Jr 10422
Michaeli D 39765
Michaelis A 48693
Michaelis R 49100
Michaels G D 20765 20766 24381 24384 24390
Michaels S 1707
Michaelsen G S 20891
Michaelson I C 47058
Michaelson J 41157 42055
Michaelson S M 20927 31282
Michail J P 4791
Michailov 53562
Michajlik A 8075 30739 30763
Michajlovskij N 27905 27906
Michajlow W 33685 33761
Michal G 12557 24988 33057
Michalak E 43661
Michalany J 25667
Michaličková J 38311
Michalkiewicz W 27709
Michałowicz M 7821
Michałowski E 38448 55587 55744
Michalowski R 24807
Michalska E 19706
Michalski J 39205
Michard J P 9192 32375 32376 43951
Michard V 13036
Michaud C 9104
Michaud D (Mme) 30455
Michaud G 32912
Michaud J L 51400
Michaud M 2613
Michaud P 36648
Michaux J 43769

Michaux L 25478
Michaux P 36106
Michejda A 43687
Michel A M (Mme) 24753
Michel C R 8999
Michel D 360 11249 12089 34150 35568 41598 46568
Michel E L 23309
Michel F 40893
Michel H 24299
Michel J C 7502
Michel J R 17987 49644
Michel M (Mme) 45009
Michel M L 8131 51581
Michel O 26658 26666 26738 26752
Michel P J 2391 2404 2407 2408 24806 41942 41948 41949
Michel R 9013 15088 15113 26658 26666 26738 26752 26792 48860 48861
Michel-Bechet R 18642
Michel-Ber E 26913 54880
Michelazzi A M 48988
Michele A A 22064
Micheletti A 49402
Micheletti J 30479
Micheletto T 39505
Micheli E 1119
Micheli-Pellegrini V 25964
Michelini F J 4397 5193
Michell R C 37633
Michels B 19434
Michels J 34975
Michels K M 50508
Michels R 54056
Michelsen C 22413
Michelson A L 4391
Michelson A M 42955
Michelson H 4098
Michelson H E 5221 23358
Michie D 40792 44033
Michie W 2158
Michiniowska-Leonowicz J 28845
Michniewicz S 30713
Michon G 26234 38695 48811
Michon J 54179
Michon P 8251 9103 9104 18011 21335 21759 31908 47350 52260 53414 54048 54053 54064 54459 54461
Michon R 249 250 36099 36101 47432
Michotey 51464
Michotey G 6399 18641 18644 35049 35052 51454
Michotte L 11293 44781 50352
Michotte L J 4738
Michotte L J 35207
Michoulier J 18545 18546 18547 18553 51369
Micić J 51705 51722
Mićić R 10919 21943
Mickelsen O 6757 14458 50731
Mickelson J C 22739
Mickle W A 27332
Micklem L R 45841
Micks D W 10246
Micks M T 17551
Miclescu S 9070
Micuda J 4610 16771
Miczbán I 41625
Midana A 3999 29589 38868
Middelkamp J N 41272
Middlebrook G 32342
Middlebrook L 628
Middlemiss J H 18670 26018
Middleton E Jr 4394
Middleton J 51906
Middleton M D 52387
Middleton R A 41246
Middleton W S 42065 50230
Midgley R L 4794
Midon J 54051 54113
Midorikawa O 3602
Midtbø A 54972
Midulla M 31707
Miebe W 42910
Miecznikowski A 39632
Miedzianowski A 8144 53307
Miedziński F 44185
Miège A 32318
Miegi H 22893
Miehlke A 49639
Miehlke K 46191
Miele E 20979 35163 53775
Mielke H G 6670
Mielnik J 27597
Mielsch W 11159
Miéral M 43755
Mieres A 8171 32467
Mieroslawski W 6886
Mierzejewski T 33700 43852
Mies H 30531
Mies H 52241
Miescher G 43036 51870
Miescher P 21651 32697 39873 54331
Miesterernst A 25182
Mietke H 51271
Miętkiewski E 24055 36590
Miętkiewski K 27602
Miettinen P 23889
Mifka P 36480
Migdal A 30774 43662
Migdalska Z 30870 38456
Migdalska-Kassurowa B 30772
Migdalska-Kassurowa B 53138
Migeon C J 3001 10432 50440
Migheli B 37408 37409 37410 43340
Migiani D C 4420
Migliaccio A V 22044
Migliardi L 42534
Migliaro E F 5513
Migliavacca A 13111
Miglietta O 52678
Miglior M 1104 1109
Miglior M A 47070
Migliore A 19247 20998 37433 42718 54101
Migliorini R H 29529
Mignault G 10668
Mignault J de L 33423
Mignogna A 54229
Mignon J 38777 38820 48945
Mignot 35051
Mignot A 13477
Mignot J 13018
Migone L 6937 19232
Miguel S de 35523
Migula R 22751
Mihăescu C 6586
Mihăescu E 6586
Mihaila I 13472
Mihăilescu V V 44008
Mihailović L 36607
Mihailović L J 27866
Mihlitzki M 15311
Mihalache N 9465 51812
Mihalcou F 9063
Mihalcu F 31122 31127 12260
Mihaly J P 28534
Mihalyka E E 45818
Mihelić Z 35062
Mijalska K 20448
Mijnlieff P F 7288 7289
Mijsberg W A 49762
Mika L A 16884
Mikaelian A N 22552
Mikal S 24609
Mikami R 18160 18161
Mikata I 46499
Mikeladze A L 31184
Mikeš A 33367 51680 51698
Mikhagkin M P 45759
Mikhailichenko V A 53466
Mikhailina P Ia 55861
Mikhailov F A 51230
Mikhailov I F 34642 55822
Mikhailov M 28780
Mikhailov V 16425 32759
Mikhailov V G 51745
Mikhailov V P 33459
Mikhailov V V 37201
Mikhailova E A 33350
Mikhailova Iu M 11501 36380
Mikhailova N M 45692
Mikhailova N V 13865
Mikhailova O D 45147
Mikhailova V I 33257
Mikhailovskaia E F 39579
Mikhailovskii B N 34664
Mikhalchenko V A 55332
Mikhalenko I N 46300
Mikhalenok Z V 33660
Mikhaleva V Ia 11481
Mikheev V V 21909
Mikheeva I D 45188
Mikheikin V Ia 20303
Mikhel'son V A 18185
Mikhno V S 55842
Mikhnovskaia I G 43567
Mikhov Ts 41583
Mikhova M 32778 32781
Miki K 18176
Mikic F 27857
Mikirtumova E V 6043
Mikkelsen O 37047
Mikkelsen P M 43243
Mikkelsen W 17588
Mikkelsen W M 23400 35198 36271
Mikol C 8324 20805 26761 27492 47759
Mikoleit R 15296
Mikorey M 51828
Mikropoulos H E 7390
Mikucki J 20232
Mikula F 52566
Mikulášková J 14857
Mikulicz-Radecki F von 18988 19439 23248
Mikułowski P 7780 20465 23590
Mikułowski W 30871 43647
Mikuta J J 35708
Milana V 1973 27468
Milanesi R 13126 13128
Milani C 13991
Milanković P 54308
Milbauer M 11845
Milbied G 3088 54903
Milch L J 4692 10242 23278
Milch R A 13411 36917
Milcou S 9246
Milcu S M 9474 31124 31125
Mildschlag G 3216
Miledi R 5506 19529 51114
Milenkov K 32818
Milenkov Kh 32781
Milenković-Krotin J 21940
Miles A A 2052 5672 5673
Miles A E 53519
Miles B J 32707
Miles E 31646
Miles E M 5673
Miles H T 37096
Miles J A 17393
Miles J M 32703
Miles P G 34397
Miles R A 2268
Miles R C 50544
Miles S 18068 31262
Milesi C 3646
Miletic (Mme) 48417
Miletits I 18589 45933
Milev T 28712
Milev V 55856
Milewicz W 27598
Milewski B 44181
Milfort J 26278
Milhade J 6415 44993
Milhalache N 21755
Milhaud F 47419
Milhaud G 48826
Milhorat A T 31372
Miliaeva E N 55827
Milic-Emili G 16835 46723
Milic-Emili J 38755
Milin-Isaković K 51683
Milne R 39261
Militzer W E 16869
Milković K 36608
Milković S 29913 36608
Milkovich M 16191
Milku S M 53450
Mill C R 45821
Mill P J 2052
Mill W A 51329
Milla E 49405
Millán J 3683
Millar D D 52313
Millar G C 20073
Millar G J 22223
Millar W G 17838
Millar W M 17747
Millard D R Jr 672 30659 40292
Millbourn E 10175 19941 35066 35067 43190
Milleflorini M 32124 32132 54276
Millen J W 2026 19585 37629 50052 52344
Miller A 18354
Miller A H 13281 36276
Miller A K 13338
Miller A L 44270
Miller A W 16518
Miller B F 22315 41312 47113 47114
Miller B J 10097
Miller B S 24182 24187 24194
Miller C D 17827 17828 27788 50155
Miller C K 118
Miller C L 4497
Miller C P 46374
Miller D 22903
Miller D C 24987
Miller D H 8396
Miller D J 16875
Miller D S 52337
Miller D V 28289
Miller E A 19069
Miller E F 4695
Miller E F II 55894
Miller E M 37963
Miller F A 46886
Miller F R 17597
Miller G 43320 43327 44159 48371 50812
Miller G A 40822
Miller G E 10704 10706 17688
Miller G F 47240
Miller G J 41235
Miller G V 35761
Miller G W 118
Miller H 14200 28018 37729

Miller H A 14517 26354
Miller H B 50820
Miller H C 20255
Miller H I 2646 7424
Miller H K 6751
Miller H M 20149
Miller I 41194
Miller I F 31454
Miller I M 44969
Miller J D 25302
Miller J E 24559
Miller J G 33434
Miller J H 16841 22176 34853 40625 50946
Miller J J 12619 50446
Miller J L 7445 46391
Miller J M 625 4153 10088 12707 13332 15546 34962 35710 35711 36339 39924 52637 53148 54697
Miller J N 48253
Miller J R 12976 50241
Miller J W 4696 12695 17863 17864
Miller L A 50565
Miller L B 4541
Miller L L 12535
Miller L N 12235
Miller M 2998
Miller M C 15949
Miller M J 098 099
Miller M L 50602
Miller M R 478
Miller M W 52283
Miller N 31602 44299
Miller N E 50485
Miller N F 12421
Miller N G 549 7267
Miller O N 24376
Miller P B 10694
Miller P R 11669
Miller R A 11094 26131 30410 32363
Miller R B 10425
Miller R C 1392
Miller R D 23388
Miller R E 4598 5022 5060 17339 28343
Miller R F 5545
Miller R N 7945
Miller R S 37626
Miller R T 24520
Miller R V Jr 14538
Miller S 17474 37735
Miller S A 40273
Miller S E 40116
Miller S J 43798
Miller S M 41359
Miller T 21864 51337
Miller T R 3530 12682 22015 24492
Miller T R II 17036
Miller U 42031
Miller W C Jr 16601 20885
Miller W F 15536
Miller W J 17276 28644
Miller W N 35857
Miller-Guerra 44734
Millieret P 50776
Milles G 4145 17503
Millhon W A 40267 51318
Millichap J G 31280 43516 44093
Milliez P 2480 3072 47359
Milligan J L 36294
Milliken J A 14710
Millin T 37666
Millini R 23672 35005
Millis S C 40934
Milliser R V 20744
Millman I 31352 44137
Millman N 24562
Millonig G 1865
Milloy F J Jr 10073 27259
Mills C P 41053
Mills D T 51475
Mills G L 13795
Mills G T 13767
Mills H W 45075
Mills I H 18465 21715
Mills J 138 139 28466 28956 41852
Mills K A 19148
Mills K S 91
Mills L W 50249
Mills M K 5226
Mills R 6481
Mills R A 11096
Mills R F 40838
Mills S D 29756
Mil'man N Ia 10832
Milmore B K 38076
Milne G R 542
Milne H B 17758
Milne I G 36246
Milne I R 14785
Milne J 26144 50262
Milne J A 10320
Milne K H 53275
Milner F H 24309
Milner K C 50603
Milner P M 27326 2574
Milner S M 4795
Milnor W R 53570
Milofsky L 45380
Milojević S 21954
Milonov O B 18249 45668
Milosavljevic A 31911
Milošević B 23679 29395
Miloslavskii I M 45227
Milovanova S N 36374
Milovanović M 10906 27862
Milovidov B V E 10717
Milrod S 6503
Mil'rud P A 22555
Milstein C 8987
Milstein S W 40533
Milthers K 24004
Milton A 17358
Milton G A 2836
Milton G W 29295
Milutinović P 10919 47689
Milwidsky H 10495 12703
Mimoune G 47479
Mimran R 7046
Mimura K 39369
Minár J 33979
Minard F N 20719
Minárik A 30948
Minárik F 30948
Minasov V S 10806
Minchev M 32752
Minchev S 32825
Minciotti G 3642
Minck R 10026 25489 52019 54613
Minculescu M 9074
Mincuzzi G 19212 24946 36204
Minde M 9801
Minden H 38911
Minder E 38996
Minder R 55456
Minder W 16375 28066 44310
Miner E J 34892
Minerva V 15249
Mines S C 16517
Minetto E 14032 35635 42681 52060 52064
Minev M 32769
Mingo O 6602
Minhas K 35619
Mini M 25567
Miniconi D 1456 42422
Miniconi P 53431
Mininni D 33379
Minjer A de 49624
Mink E 11438 23232
Minkari T 22382
Minkenhof J E 25151 29967
Minkina N A 31148 49439
Minkov A 32755
Minkov P 45307
Minkowki A 24782
Minkowski A 8878 53030
Minkowski E 15822
Minkowski M 44910
Minkowski M E 994
Minne J 18527
Minner J R 47090
Minnigerode B 27741
Minning W 55581
Minoda R 10859
Minola G 51973
Minola G C 7750 54268
Minoli J 42784
Miñón Calvo M 6110
Minor B D 52625
Minozzi A 16027
Minozzi M 26633 27355 27358 27362 27364
Mints A Ia 28807 34720
Mints S M 49534 55264
Mintschev S 23611
Mintsengof L A 36358
Minty L A 31612
Minuck M 14571
Minvielle 44657
Minvielle J 47464 53397 54905
Miodoński J 30323
Mion C 7045 7058
Mion G 7057
Miotti T 3639
Miozzo B 11953
Miquel J F 36583
Miquel R 50025
Miquel Baña-dos C 21194
Mira Llinares A 13537
Mirabel J (Mme) 36670
Mirabella A 39663 39665
Mirabella P 25609
Miradoli E 6276 18532
Miraglia T 8766
Mirallie C 3141
Miramon A 13412
Mirand E A 31279 49376
Miranda F 13832
Miranda R N 16140
Mirande B 41122
Miravet L F 15104
Miravet L F (Mme) 2493
Mirchev 28735
Mirchev M 28732
Mirčić A 22352
Mirer V I 45669
Mirizzi P L 15496
Mirjanić N 51724
Mirolliubova F F 7790 46299
Mirone D 16017
Mirone L 8496
Mironov N P 34617
Mironov P 32777
Mironova K A 34650
Mironski S 51715
Mirontsova A A 13575
Miroshnikova E Z 10770
Mirouze J 32023 54902
Mirrey J R 17750
Mirskaia M M 34706
Mirski B 33807
Mirsky A 3421
Mirsky A F 50911
Mirsky I A 4599 7845 50451
Mirzaev A P 33196
Mirzakarimov M G 12127
Mirzamukha-medova A G 33197
Mirzoian E Z 31210
Mirzoian S A 39329
Mirzolants N S 23262
Misák J 14771
Misasi N 21470
Misch K A 5620
Mischel W 25196 25198 25207 33950
Mises 54073
Misgeld G 23639 46571 46572
Misharev O S 6012 41545
Mishchenko E D 10229
Mishin A V 34629
Mishkin M 4931 25981
Mishkol'tsi D 46302
Mishler J E 47060
Mishra R K 4181 23993 36598
Mishra S 11710 17421
Mishustin E N 33155
Mishustina P G 33513
Misirlija A 4266
Misk R 6146 48319
Miszolczy D 4133
Miszolczy V 7365
Mišković D 27872 27873
Misra D P 20484
Misra R M 50614
Misra R N 17425
Misra R P 50006
Misra S S 5166 17451 46863 50614
Misrahy G A 23350
Missale G 14001
Missenard A R 51484 51485
Missere G 14021 14023 14033 14034 14035 35589 37314
Missere G L 1952 1953 1954
Missirliu C 5710 5720
Missirliu M F 5710
Missiuro W 8069
Missura T 53256 53257
Misurale F 6913 42593
Mitaishvili Sh L 10779
Mital V K 41322
Mitchell C L 50263
Mitchell D 29534
Mitchell D F 40778
Mitchell E H 28149
Mitchell F D 7461
Mitchell F K 54514
Mitchell G A 18054
Mitchell G W Jr 38573
Mitchell H E 52462
Mitchell H K 31425 54404
Mitchell J C 2988
Mitchell J F 17627 28636
Mitchell J H 40585 44026
Mitchell J M 50817
Mitchell J P 18354
Mitchell J R 29768 37717
Mitchell M L 40680
Mitchell P 7172
Mitchell R B 10243
Mitchell R N 46418
Mitchell R S 10429
Mitchell S M 18719
Mitchell T G 53735
Mitchell W 50735
Mitchell W A 17566
Mitchell W C 52138
Mitchell W M 37649
Mitchell-Heggs F S 14071
Mitchison D A 10528 10530
Mitchison J M 3505
Mitchison L 6547
Mitchison N A 7196 10211
Mitel'man S L 34645 55763
Mithoefer J C 20757 34647
Mitiagina O V 33505

Mitinskaia L A 31233
Mitiunin N K 18227
Mitolo G R 20906
44278
52121
Mitolo M 1876
8582
Mitoma C 28969
40545
44974
Mitov A 32800
Mitov G 46275
Mitra A K 2550
Mitra P 40076
Mitra S 17443
38060
50981
Mitrofanov V S 39346
Mitrofanova E I 10765
Mitropol'skii N K 5997
Mitrov G 32775
Mitrović M 21937
29397
32617
Mitrović-Kocić D 13468
Mitscherlich A 53600
Mitsos S B 17172
50110
Mitsuhashi S 4338
16439
Mitsui Y 10859
13331
Mittag G 7105
Mittelmann B 4294
Mittelstaedt M 53172
Mittelstrass H K 41768
Mittermayer T 22768
22806
Mittica R C 4077
Mittiga M 26613
26614
38545
Mittmann O 6109
51283
Mittwer T 21723
Mitus W J 12271
46500
Mitzkat H J 30550
Miulescu V 41329
Miura K 10391
Miura M 10859
Miura Y 26731
37084
Mixter G Jr 19915
23307
23308
Miya F 31363
44145
Miya T S 16727
Miyairi N 16798
Miyake A 40424
Miyake T 31442
39203
Miyamoto T 10390
Miyamoto Y 11103
Miyano M 18160
Miyano M 18161
Miyano T 13328
Miyao W H 5398
Miyazaki K 33885
Miyazaki S 45592
Mize H 54541
Mizuhara F 49234
Mizukami K 2822
14906
Mizukami T 11387
29115
Mizuno D 16453
Mizuno H 49238
Mizuta M 15583
Mizutani H 16448
16455
Mizutani K 10391
Mkhitarian Kh T 10726
Mkrtycheva L I 11508
Mládek A 26551
Mladenović D 9944
21954
Mlčoch R 35041
Mlczoch F 22825
23021
Mlczoch R 6056
22859
22891
41705
Mlinaric I 6295
23686
Mnatsakanov T S 18309
Moat A G 16890
25420
Moatti J P 48911
Mobarhan H 50629
Moberg E 4790
Moberly J A 16156
Mobilio G 44178
Mocavero G 35016
Mocchi N 27753
27754
27760
27766
Moccia P 20224
Mochalov B M 55265
Mochalova T P 10716
Mochizuki M 16466
16467
Mochmann H 11151
46267
49015
Mochnacka I 30885
Močič M 9942
Mock C J 23480
Mock H E 44028
Mock H E Jr 23480
Mocquot G 26351
2312
37785
Moczko S 20469
Model L M 32790
32812
Modell A H 4599
Modelski W 30719
38448
55587
Modena L 8364
Moder H 3609
Modglin R F 11303
Modi C J 27975
27976
27988
Modica V 2959
Modigliani U 37414
Modlin M 9799
Modolell A 43119
Modrzejewska B 6857
Modugno G 20977
Moe D 10383
Moe J H 50738
Möbest H 12090 34481 36422 36423 55671 55681
Möbius M 23113
Möckel G 27474
49099
Möckel S 42303
Moed H D 48228
Moehlig R C 42151
Møihave A 45508
Moell P O 52714
Møller A V 7479
Møller B 10645
Moeller D W 53669
Möller H 23708
23709
Moeller H C 11610
46799
Moeller J 51779
Møller K M 39293
Møller K O 23994
24002
Möller O 10183
Möller P 41781
Møller P F 45497
45534
Møller P M 23851
Möller T 45353
Møller-Madsen A 52717
Möllerberg H 11963
44901
Möllhoff H 11317
Moench A 15628
Mönch G 25314
Mönig H 34240
Mönnich H 15384
Möring G 4039
16108
39945
Mörner J 43227
43228
Moertel C G 41039
Moes C A 34961
Moeschlin S 11310
11930
21657
39877
Möse J R 6673
25246
51805
Möser K H 42296
Möslacher K 22827
Moevus J 9254
Moffat D B 21973
Moffat J 14701
Moffat M A 4897
Moffatt J L 48178
Moffatt T 6119
28956
Moffett A J 53500
Moffitt E A 47329
Moga A 31126
Mogabgab W 1160
Mogabgab W J 23512
31318
31319
46934
Mogensen E F 10649
11965
45513
Mogenson G J 2576
Moggi L 23673
Mogi K 20725
Mogilevchik N P 28806
Mogilianskaia B A 12112
Moguilevsky L 53327
Moguillanes H 37281
Mohagheghi A P 11951
Mohamed A F 14108
Mohan V S 34954
Mohanty G P 5656
Mohberg J 16877
16878
Mohler B A 40479
Mohler D N 1146
Mohn J F 542
Mohney J 53110
Mohnike G 1604
51817
Mohr C O 891
Mohr G 42307
54840
Mohr H 46200
Mohr H J 33995
51787
Mohr J 23719
Mohr O 4097
Mohr R C 19874
Mohr W 34329
Mohring D 18333
Mohs F E 49775
Moi I 23833
Moia B 8711
20617
Moigneteau C R 43750
Moinat P 27248
54067
Moine C 30474
Moir J C 5566
53545
Moir R S 40258
Moir T W 38492
38493
46399
Moiraghi-Ruggenini A 52041
52044
52045
52046
Moise R 10034
10038
Moiseev S G 32542
Moiseeva V P 6039
Moisset de Espanés B 3113
8993
Moisset de Espanés E 21213
Moissinac J 21754
Moitas Á 40215
Mojić A 27869
Mojžíšková E 9488
Mokeeva R A 6035
45133
Mokerov I P 45125
Mokhin K M 37202
Mokhova T M 34811
Mol W 39552
49770
Molander D W 52684
Molander J 19950
Molawka E 7180
Molchanov L N 54547
Molchanov N S 32886
Mol'chenko E F 7902
Moldaver J 52589
Moldawer M 4851
Moldenhauer B 27040
Moldenhauer W 11171
Moldenschardt H 4052
Moldin S 35683
46915
Moldovanska P 32776
Moldover A 50
29523
Mole J 21392
26950
Molè L 42428
Mole R H 29806
Molè-Bajer J 38483
Molen H R van der 54193
Molenaar B B 19742
36871
Moleres Ferrandis R 42215
Moley B 18011
Molfino E 9293
Molfino F 42226
Molimard R 9239
54182
Molina A M 7751
9936
Molina C 6379
32076
51657
Molina M J 21771
Molinari R 25710
Molinatti G M 13467 35098 35153 42546 42548 42550 42646 42648 42650
Molino N 39504
42595
Molins Benedetti M 44506
44521
Molish H B 601
24596
42467
Molitch M 5375
Molliterno F 26463
Moll F 47668
Moll H 25270
Moll J 16042
20449
Moll M 36180
Mollard Y 42011
Mollaret P 2487 2476 6378 8243 9151 32046 38728 38739 48867 52267 55437
Mollé J 9169
Molle L 26190
Mollet B 18528
Mollica A 14008
14009
14010
Mollica F 43476
Mollica V 25649
30344
52111
52120
Mollin D L 20709
26035
41883
Mollison P L 2065
10963
Molnar E 43431
Molnár G 11454
55459
Molnar G D 17031
Molnár J 18605
Molnár L 25392 30293 40049 52912 55635 55711
Molnár M 34289
49824
Molnár R 3943
41984
Molnar W 25059
Molner J G 5395
50654
Molodenkova S P 22510
Molokanov K P 10818
Molokhov A N 34704
Molokova L K 45775
Molomut N 2693
30018
Moloney W C 10496
Molotkova V V 46810
Moltke E 35087
35106
39215
Moltke O 41964
Moltz H 17088
50483
Mom A M 8686
8687
43872
Momigliano E 52824
Momirović K 10903
Mommaerts W F 50568
Mommsen H 39966
Momose T 2826
14920
14921
Monaci V 37307
Monaco A 44316
53714
Monaco A P 38070
Monaco H 15489
Monaco P 13948
37472
Monaco R N 51920
Monasenkov A M 11491
34668
Monaghan E A 13222
Monahan D T 1216

Monahan T I 23307 23308
Monaki S 6592
Monaldi V 1531 47827
Monari E 26624
Monash S 23360
Monashkin I 17134 17171
Monastyrskaia B I 33278
Moncada Lorenzo E 44485
Moncada Moneu A 8810
Monchaux C de 44058
Monche J 8862
Monchot M 54133
Monciatti C 1935 1936 32086
Monckton G 2631
Moncrief J A 866
Moncrief W H Jr 32717
Mondal A 10471
Mondeshki M 32803
Mondkar V P 16306
Mondon H 26226
Mondy J 3035 38717
Mondz N 5264 40279
Mondzain-Lemaire M L 434
Mone P 5326 41133 41380
Mones R 50871
Monesi B 27618
Monesi V 39772 53994
Monetti C 31652 31653
Money W L 4869 49251
Money-Kyrle R E 4281
Monfort J 979
Monforte P 39316
Monfraix C 44622
Monga J N 4193 16289
Monga S (Mrs) 4193
Mongan E S 10696 22476 45555
Monge C 24036
Mongin M 29201 51471 51472
Monheit D B 43167
Monier R 1682 26295
Monilares H 21144
Monjal 426
Monjonnier L 16551
Monk I 2151 42117
Monk M A 802
Monk R 14718
Monkhouse F C 14609
Monnerot E 36138
Monnet P 9046 25464
Monnier J 9020 20670 21279 26955 53999
Monnier M 27853 44915 44933
Monnier P 19350 24773
Monnier X 18612
Monod A 43799
Monod H 38734
Monod N 49317
Monod O 21401 28366
Monod R 2301 28091
Monod-Broca P 26809 36673
Monroe C W 22306 29873
Monroe K E 29265
Monroe R J 25164
Monroe R T 42020
Monroy A 39233
Monroy G 1549 25668 36836
Monsaingeon A 1448 44994 49750
Monsallier J F 38729 38739 48867
Monsalve Pérez J 23982
Montag A 36505
Montag W 5481 5482
Montagnani A 39807
Montague F E 36320
Montague J F 16361 17518
Montalbine V 925 17709 25005 35910
Montaldo G 6935
Montale P 36769
Montalvo C 8838 25674
Montalvo F F 42061
Montanara A 8552
Montanari A 32122
Montanari C 32160
Montanari G 3719 47841
Montanari L 27651
Montanari M 25692
Montanelli C 2966
Montanez O 50635
Montangero N R 31011
Montanini N 24925
Montanini R 32141
Montano A 24975
Montant C 26956
Montargil E 53932
Montauffier 13058
Monte Bovi A J 709 713
Monteavaro Lombard F 13547
Monteiro A J 4363
Monteiro A R 18825 31848
Monteiro E 39995
Monteiro E V 53856
Monteiro H 30876
Monteiro M M 44477
Monteith J W 2650
Montella A 1537 36828
Montella V 39678
Montenegro E B 22042
Montenegro L 16151
Montenegro-Ortíz M 4531
Montenovesi P 29731
Monteriolo S 31719
Montero E 8905
Montero H 44658
Montero P 31838
Montero R 8838 25674
Montero Rodríguez A 12010
Monteros-Valdivieso M Y 53969
Montes L F 2
Montes Blancas F 35539
Montestruc E 1432 1433 1435 1436 1437 25502 25503 25505 25506 37272
Montête P 43955 43986
Monteverde D A 39125
Monteverde G 26585 26586 26587
Montezemolo R 8578
Montfort N de 2525
Montgomery C H 10251
Montgomery D 32367
Montgomery G L 51018
Montgomery H 20569 34848
Montgomery J 12612
Montgomery J B 3019
Montgomery P O 11748 31385
Montgomery R D 48286
Montgomery R M 4572 50269
Montgomery R R 18658
Montgomery T L 12380
Montgomery W W 109 11725 43153
Monti G 31677
Monticelli S 52030
Monticone C 29743
Montiegel E 12224
Montiel E G 25675
Monties 35050 51452
Monties P 43983
Montigel C 54870
Montilli G 9288 31848
Montmollin B de 39846
Monto R W 10341 13222 16823 22226 35652
Montorsi 977
Montorsi W 12998 47341
Montoya C 31876
Montoya P R 6513
Montoye H J 40886
Montpied G 54841
Montresor 15897
Montreuil F 6216
Montreuil J 3091 27721
Montrieul B 19767
Montross H E 14550
Monturiol J M 44495
Montuschi E 6201
Monzini P 21454
Monzon O 54860
Monzon O T 19853 23398 25033
Moody J E 40655
Moody M D 17469
Mook G A 29954
Moon H D 24392
Moon R E 22166
Moonen W A 5929
Mooney C M 5040
Mooney F S 17951
Moor F B 42056
Moor L 25478
Moore A E 20753 47551
Moore A M 41028
Moore A U 32344
Moore B P 2552 38054
Moore C A 5935
Moore C B 464
Moore C V 5254
Moore D 20925 15725
Moore D B 22075
Moore D C 16615
Moore D G 27939
Moore D H 38082
Moore D J 44153
Moore E C 26459 26478
Moore E J 17389 47207
Moore E L 28581
Moore F 40438
Moore F D 1218 6749 20571 44926 44931 44935 50432
Moore F J 34974
Moore F T 53119
Moore G E 12689 31279 38066 38069
Moore H C 5569
Moore H S 42113
Moore H W 28656
Moore I F 24423
Moore J 12790 47003
Moore J A 19880 42142
Moore J E 12312
Moore J G 37601
Moore J H 9836 17611
Moore J M 14296 37743
Moore J O 24646
Moore J R 14653 37999
Moore J W 52454
Moore K B 34902
Moore L D 50119
Moore L T 5199
Moore N S 19912
Moore O 48542
Moore P 49607
Moore P A 19678
Moore R 25042
Moore R D 51029
Moore R L 48546A
Moore R O 1371
Moore R V 50730
Moore R W 19931
Moore S 40492 49465
Moore S W 47243 54711
Moore T 5536 53258
Moore T C 10130 17462 22008 22037 22058 23501 25049 51165
Moore T D 18142
Moore W C 10130
Moore W E 40353
Mooreland M 7523
Moores P 542
Moorthaemers 46553
Moorthamers R 46562
Moos M S 24482
Moose J W 22472
Mooser H 11301
Mooser J 55608
Mootry P J 47562
Mora G 28396
Mora J E 0676 8680
Mora Lara R J 21102
Mora López J 8808 21107
Morabito F 49593
Morachevskaia M D 1728
Moraes A de 946 12894 27717 35961 39757 47298
Moraes D J de 44437 44439 44441 44442 44443 53859
Moraes J B 16145
Moraes R G de 21081
Morais T de 12906 12907
Moraldi M 47504
Morales F P 44584
Morales J M 8940
Morales M 36843
Morales Romero-Girón M 38540
Morales Santelices C 43943
Moran J J 22030
Moran J P 47002
Moran L J 50101
Moran N C 17944 51078 51079
Moran P A 17391 24968
Moran T F 40987
Moran T J 12361 23461
Morana A 53906
Morand P 9061 35604
Morandi G A 31748
Morandini N 42704
Morani A D 10481
Morano E 38819
Morari M von 6703
Moras 10610
Moras P 6387
Morassutti M P 27440 42696 52081
Morata García F 21102
Moratello R 37498 37500 37501
Morati M 41142
Morató Manaro J 8689 44389
Moratti F 27365
Moravec D F 4082 4087 16171
Morávek J 55078
Morávek V 34040
Morawiecki J 32172
Morax P 32916
Morbelli E 49574
Morczek A 46070 55722
Mordarska H 30902
Mordarski M 20458 30902 30903
Mordeja J 34558
Mordenti A 37317
Mordovtsev A I 33631
Mordret M 993
Mordret Y 13081
Mordvinova N P 10794
More R H 5623 12464 47084
Moreano M 46510
Moreau A 9251 37913 43735 43768
Moreau G 9224

Moreau H L 47757
Moreau J 38723
Moreau L 7507
25498
36054
43970
Moreau M 39469
Moreau P G 26370
26373
Moreau R 2479
2484
2485
53402
Moreau R C 13100
Moreaux J 36643
Moreaux R 32019
Morehead D E 1246
Morehead F F 16939
Morehouse W G 23421
51004
Moreira R G 40621
Morel A 42018
Morel C J 3476
Morel F 3043
Morel G 9001
Morel L 53236
Morel M 47755
54846
Morel P 29143 32205 32206 32209 41143 47769 51397
Morel-Fatio D 54136
Morelec-Coulon M J 26317
26318
26339
26340
Morelis P 36084
47383
Morelj M 27856
Morell H 16917
Morelli A 21422
Morelli E 18529
Morellini M 24926
31665
55502
Morello A 23799
Morello G 35434
42720
Morena L 35946
51959
Moreno A H 22097
Moreno G 29569
Moreno J 10403
Moreno J M 25955
Moreno R 25935
Moreno Calvo J 53910
Moreno Corzo L 31870
Moreno Juárez G 1553
Morente C A 7578
Morenz J 12076
Moreo L 42219
Morera M E 21237
Morera P 1919
37440
39226
39227
Morere E 26951
Moreschi E 32599
Moret V 1961
15677
37427
Morete de Pardal M L 31012
35409
Moretti E 21417
29636
Moretti G 44790
Moretti G P 37464
37465
Moretti I 21472
Moretti J 26346
53981
Moretti J A 3325
Moretti M 20218
Moretti O 3729
Moretto G 52116
Morfit H M 54750
Morgan A D 54919
Morgan C 33069
Morgan C M 2669
Morgan D M 32232
Morgan D R 42104
Morgan E 4090
49942
Morgan E H 36286
50221
Morgan F 8479
Morgan F M 52826
Morgan F P 50390
Morgan H C 16978
Morgan H G 33051
Morgan H R 12275
17246
53911
Morgan H V 5899
Morgan J 16210
41073
Morgan J D 50409
Morgan J F 4763
Morgan J G 26052
Morgan J H 14055
Morgan J L 50686
Morgan J R 32903
Morgan J W 33087
46787
Morgan K Z 23337
27807
Morgan L A 54530
Morgan M M 19994
19996
Morgan M W 2106
Morgan P 47560
Morgan P S 4242
Morgan R 6156
Morgan R M 12324
Morgan R S 41211
Morgan W J 40843
Morgan W J B 14468
Morgan W T 19461
Morgan Z V Jr 30109
Morgano G 1511
36721
36729
Morgenroth K 34170
Morgenstern S W 32866
Morgenstern S W 35664
Morgester W A 42144
Morhous E J 22576
Mori F 1969
Mori H 21687
49980
Mori K 29863
49668
Mori M 20113
Mori R 13819
Mori S 8577
15578
Mori T 22251
Mori V 35884
Mori-Chavez P 28530
Moriame G 32918
Moriarty J D 15564
Moriau M 228
Moricard F 3709
Moricard R 3707
26251
36051
Moricca G 42472
Morichau-Beauchant G 53376
Moriconi A 44802
Morikawa K 48932
Morikubo Y 40421
40422
40428
Morimoto M 1184
Morimoto O 3602
39371
39372
Morimoto T 4335
4336
Morimoto Y 49662
Morin F 41918
41919
Morin G 31990
44753
Morin H 26746
32953
Morin J 36117
54107
Morin M 32047
44769
44991
Morin P 26213 26249 26250 32376 44641
Morin Y 48488
Morini A 3885
Morino F 19162 29639 40981 42498 42518 42529 42543 51986
Morisi M 42757
Morison L J 7552
Morita T 21709
Moritsch E 22783
Moritsch H 22763
46239
Moritsch P 41716
Moritz A R 11776
46503
Moritz C R 27926
Moritz E 55406
Móritz P 4134
Moritz U 35474
Moriwaki F 4342
Moriyama H 33887
Moriyama I M 12652
Mork T 52748
Morken D A 11593
Morledge J H 7504
Morley G H 17903
Morley J D 30254
Morley T P 17803
38005
Morlock C G 11622
Mormone V 20211
20229
29125
Morocutti C 7739
9397
Moron J 26304
Moroni R 42572
Morooka T 22917
Morowitz H J 13751
40445
Moroz A F 36361
Moroz Z I 52866
Morozkin N I 22706
33464
Morozov M A 11489
Morozov V A 18867
Morozov V M 34722
34783
34809
46354
Morozova A P 5959
Morozova G I 7892
Morozova T I 10825
Morozova V A 33628
Morpurgo C 48237
Morpurgo C V 25602
Morpurgo M 12054
16033
27623
39662
Morra C 29618
51962
Morreale de Escobar G 35076
35077
38517
Morrell F 52590
Morrell R M 27334
Morrill J J 29955
Morrill S N 55895
Morrin F J 28459
Morris A A 21018
Morris A J 1161
Morris B 14193
Morris B M 50683
Morris C C H 46965
Morris D S 47590
Morris E J 17305
Morris G C Jr 1233 2437 5895 11803 35920 35921 35922
Morris G E 11578
11608
30148
36237
Morris H 7267
Morris H L 5850
Morris H P 26454
49269
Morris I G 5630
Morris J D 54680
Morris J H 6441
Morris J N 37674
Morris J V 44263
Morris L 837
Morris L E 961
962
24766
Morris M L 7677
50683
Morris R 52438
Morris R C 3670
Morris R F 10250
Morris R J 36985
Morris R V 18376
Morris R W 9785
Morris S G 24379
25419
Morris T 6559
Morris T R 42977
Morris W J 5212
Morrison A B 573
1260
5543
Morrison A N 46607
Morrison B O 40254
Morrison C E 4545
Morrison E 46903
Morrison H W 4368
Morrison I M 54920
Morrison J C 5759
41320
Morrison J E 38841
Morrison J F 4662
20342
Morrison J K 50983A
Morrison L F 12680
Morrison L M 27544
Morrison M 4780
16585
46607
Morrison R A 28178
Morrison R H 12394
Morrison R I 13734
13735
Morrison R T 745
Morrison S B 17053
Morrison S L 21534
Morrow A G 14959 14973 18119 31633 38486
Morrow C S 12785
42075
Morrow J T 7545
Morrow L B 16822
Morrow P E 11593
Morrow R C 47230
Morrow R S 51897
Morrow W 12617
Morse D P 50623
Morse E H 608
Morse E V 12726
40947
Morse H N 12723
24692
35890
47257
Morse M L 4715
Morse R S 46880
Morse W H 17685
Morse W I 46959
Morsiani M 1107
9308
25695
44168
Morson B C 53525
Mortari A 42676
Mortari A 42683
Mortelmans J 14427
36194
36196
Mortensen J D 21515
Mortensen J M 34862
Mortensen R A 28262
Morter R L 12726
40947
Mortillaro M 33535
Mortimer D C 48460
Mortimer E A Jr 33068
52614
Mortimer R K 8530
Mortimore G L 33064
Morton B 46920
Morton C B II 55275
Morton D G 3014
38598
Morton H J 4763
41857
Morton J A 51024
Morton J D 17395
Morton J I 26476
Morton J J 22062
Morton N E 545
Morton R A 14192 19584 19684 27480 52336
Morton R J 35834
Morton R K 13711
13712
13713
Morton T V Jr 35878
Moruzzi G 5520
8585
Mory F 13475
Mosbach E H 30426
46501
Mosberg W H Jr 48395
51477
51480
Mosca L 1919
Moscarello R 48457
Moscatelli G 9395
Moschel D M 22045
Moschoutis N 54910
Moscona A 4968
20743
Moscovici B 6587
Moscovici C 45837
Moscovitz H L 14976
Moscow J V 49949
Mose K 22442
Moseley H G 16864
Moseley J E 28537
Moseley R 47572
Moseley R D Jr 30928
32700
24657
Mosely J D 4691
Moser C 26453
Moser H 22884
Moser J H 6508
Moser K 22027
Moser K M 49184
49064
Moser L 34101
Mosert H 46099
Moses A 5414

Moses A J 25003 44961
Moses A M 40674
Moses J J 33124
Moses M J 16960
Moses P J 1198
Moses R 35889 41198
Moses R A 35778 47055
Moses S W 3973
Moses V 47726 50336
Mosetti F 9321
Mosettig E 32352
Mosforth J 2195
Mosher R E 35977 40122
Moshkov B N 12118
Moshkov V N 33491
Moshkovskii Sh D 51730
Mosiagina E N 8259
Mosier H D 48426
Mosinger B 14867
Mosinger M 4825 9182 13471 18010 18635 18647 36088 36097 36104 36105 41411 47756
Moskalev Iu I 47991 51756 51770
Moskalev V A 55258
Moskovchenko K P 46297
Moskovich E G 32543 32544
Moskovich E G 41655
Moskovich M 46316
Moskowitz M 31287
Moskvina T N 33641
Moskwa W 33692
Mosler K H 29885 29887
Mosler W 33956 46075
Mosley J W 24986
Mosley V M 5906
Mosna E 14474
Moseolova O N 11495
Mosolygó D 10564 45466
Mosovich I 8216
Mosquera J 41778
Mosquera J M 9688 9710
Moss A J 17915 34991
Moss B B 49647
Moss C S 12617
Moss J H 16164
Moss J W 46974
Moss M L 12931
Moss R L 7674
Moss W T 22092
Mosse A 54900
Mosser D G 17319
Mosser E L 10242 23278
Mossetti C 55090
Mossetti C 55091
Mossfeldt F 12053
Mosso H E 20620 43861 53352
Mossy P 251
Most H 7409 27422
Mostar S 22366
Mostarda G 27627 27633
Mostbeck A 11001
Mosto A 25954
Mosto D 8176
Moszczyński L 20453
Moszkowska A 26903 38679
Moszyński B 30330
Mota C 2434
Mota I 19617
Motillon 18610
Motlag D B 4186
Motley H L 3787 28156 53580
Motlis J 53958
Motoxawa K 50944
Motola B B 9261 21410
Motomura S 24115 51938
Motovilov P E 33186
Mott F E 27074
Mott J C 51107
Mott L O 12768
Motta A 42739
Motta G 30336 30343 30352 30354
Motta L 37344 37346 48113 48114 48115
Motta R 42626
Mottini M 8358
Mottl J 2776
Mottle 2776
Motto J A 23419
Motto J J 17169
Mottu F 13392
Motulsky A G 43133 52597
Motzel W 7209
Mouchet J 51513
Mouchot G 38794
Moudgal N R 3440 28577
Mouillé P 26750
Moulder J W 17468 17478
Moulder P V 34963
Moule J 29711
Moulin 43777 53238
Moulin D de 25685
Moulin G 2385 2397 2409 2410 2411 2412 2413 6313 41950 51387 51388 51390 51391 51394 51399
Moulin J 21402 26872
Moulin J 28377 48881
Moulinier J 10967 31902 41129
Moullec J 8237 31902
Moulonguet H 3074 36166 51503
Moulopoulos S D 55553
Moulton J E 4619 48983
Moulton R 8486
Mouly R 2382 13023 13028 31066
Mounce E W 27928
Mounier J 3083 41372
Mounier R 2403 41941
Mounier-Kuhn A 6326 31089 51376
Mounier-Kuhn P 5337 13066 41144 41147 44869
Mounsey P 48154
Mount D T 31279
Mount L E 7239
Mountain I M 5011
Mounter L A 16911 16912
Mountjoy P T 5035
Mouquin 47754
Mouquin M 36682 43945
Moura A C de 3701
Moura P A de 21084
Mourant A E 14202 14319
Mouratoff G 30175
Mouratoff G J 1274 41282
Moure A 8838
Moureau 1337
Mourek J 9495 9497 21566 21572 38200
Mouren P 9002 29198 29214 36133 37898 42019
Moureu H 3055
Mourgue M 37831 37832
Mourgues G de 6306
Mourgues R 5315
Mouriquand C 26686 26922 26923 32205 32209 42504 54202
Mouriquand G 3104 9648 15063 26875 31091 40181 48884
Mouriz A 32429
Mourtides G A 40535 40549
Mours-Laroche M F 48900
Moursund M P 54851
Mousea R S 28223
Mousnard J 18001
Mousratché H 1383 39260
Mousseau M 36660 42421
Mousselon J 51372
Mousseron C 26216
Moustafa E M 52435
Moutier F 9647
Mouton D 14099 21262 26915 38722
Mouy A 9755
Mouzon M 36664
Movat H Z 568A 5623 12464 47084
Movers F 11434
Movsesian M A 10798
Movshovich R I 45221
Mowatt K S 6475
Mowery W E 4403
Mowrer O H 8419
Mowry R W 17381 28954
Moxon A L 25407
Moy T 50718
Moya R 21192
Moya V 48095
Moya Bravo H 53968
Moyan D 28466
Moyer A W 7181
Moyer B J 36333
Moyer C 50689
Moyer C A 13322
Moyer J H 18649 25130 29373 35645 36342 49868
Moyer R E 35916
Moyers E D Jr 631
Moylan M C 17354
Moyle J 7172
Moynier R 8236 14379 26819 53442
Moynihan M J 22911
Moyse P 31979 53374
Moyson F 1449
Mozar H N 42059
Mozell M M 16861
Mozer J J 39850
Mozharova E N 31159
Mozharova E N 45755
Mozołowski W 30884
Mozzi L 12459
Mozziconacci P 9237 45006 54144 54175 54176 54448 54449 54450 54451 54452
Mráz L 38253
Mráz M 38236
Mrazek R 39130
Mrazek R G 34965 54770
Mrciak M 14805
Mróz D 16038
Mrozowski B 47916
Mrozowski D 20428
Mrsević S 27871
Msangi A S 25065
Mucchi L 29662
Mucchi M 19263
Mucci M B 13626
Mucci P 6891 6897 21612 37231
Mucha A 51072
Muchmore H G 17857
Muckart R D 18062
Mucsler F 28791 28792
Mudd J G 7000
Mudd S 40451 54426
Mudd S H 40547
Mudge G H 13174
Mudrick C 17055
Mückter H 1579
Mühl N 30540
Mühlberg H 43018
Muehlberger C W 16619
Mühlbock O 17240
Mühlbock O F 52531
Mühleisen H 10020
Mühlemann H 30621
Mühler E 27154 34183 49130 52567
Mühlethaler J P 39886
Mühlke H 23595
Muehrcke R C 13154 39718
Muehsam G E 5368
Mueldener B 5473 46094
Muelheims G 47131
Mülke G 25286
Müller A 27835
Müller A A 375 10553 18979 23015 41744
Mueller B 43313
Müller B 47669
Müller C 3937 43110 44718 45786
Mueller C R 51952
Müller D 11341 15389 27418 27497 33542 44214 44219
Müller E 6662 10585 27502 33897 48695 55645
Müller E A 34262 40179
Mueller E C 47246
Müller F 3263 6019 6079 27386 45461
Müller F E 20654 43898
Müller G 43271 43272 51807
Mueller G C 1372 8636 16929 25421
Mueller G F 22478
Müller H 11270 18977 34062 34511
Müller H A 15970 25205 39543
Müller H F 34535 42286
Müller H G 32670 39541 52209
Müller H K 30514 45963
Müller J 38437 53144
Mueller J F 24367 50704
Müller J H 39013 44311
Müller K 42874
Müller M 46573
Müller M E 18551 21421 35276 39844 53314
Mueller M F 12447
Müller N 42259 49636
Müller O H 1349
Mueller P 5109 5110 5111 10302 15687
Müller R 22335 24091 29782 34154
Müller S 47921
Müller W 364 11238 11297 11300 25786 27160 33535 36583
Müller W A 27882
Müller W K 11053
Müller-Beuthow W 34514 34515 46269
Müller-Brunotte P 26510
Müller-Dietz H 3247
Müller-Eberhard U 35350
Müller-Hegemann D 20845 53626
Müller-Limmroth H W 34009
Müller-Limmroth W 33929 33938 33939 33946
Müller-Mohnssen H 27848
Müller-Niewerth S E 36920
Müller-Settele A 49878
Müller-Stüler M 28885
Müller-Wecker H 40179
Muench H 40662
Mühdnich K 23553
Münich W 19042 24275
Münnich A 34257 42246 51840

Münnich K 18941
Münzel K 47684
Mürtz R 34004
Müsebeck K 11167 11185
Müting D 19029 46100 46796
Müting L 39067
Mufson I 24358
Muftic M K 14155
Mugler A 10043
Mugnaini O A 3311
Mugnier A 21353
Muhamed T 51707
Muhleisen J P 22176
Muhlenpoh J A 31300
Muhler J C 5542 16533 17208 17210 31313 40770 50135
Mulć N 1373
Muică N 6587
Mulesan G 29702 42674
Mull D J 18045
Muir A R 53702
Muir C S 13423 22300
Muir J R 23325 23327
Muir R M 31389
Muirhead E E 48728 54861
Muirhead-Thomson R C 26396
Mujahed Z 10092
Mujica L E 1813
Mukai Y 2826
Mukerjea D P 28001
Mukerjee N 2049 17419
Mukerji B 5182 13461 16325
Mukhamedova E A 23257
Mukhamedzianova G S 20300
Mukherjee M 16293
Mukherjee S 5558
Mukherjee S L 51082
Mukherji P K 30428
Mukherji S 40102
Mukhina A P 37171
Mukopadhaya B 16305
Mckvoz L G 51735
Mulargia A 3544
Mulay D N 11582 23367
Mulcare D 51921
Mulder H J 6548
Mulder J 15796 41790 43043 51616
Muler H 47473 47474
Muler H 47475
Mulgaonkar A G 16296
Mulherin C M 47009
Mulholland J H 1232 48376
Mulholland P L 52465 52468
Mulinos M G 28120
Mulla N 7614 7631 24521
Mullan H 8402 47197
Mullaney P J 25992
Mullans S A 20937
Mullarky R E 52768
Mullen J K 6506
Muller 54989
Muller A Jr 40234
Muller A F 2300 39892 41936 43816 54377
Muller C 21341 44649
Muller C J 9811
Muller D 24146
Muller G 38687
Muller H J 21661
Muller J N 31060
Muller M 26923 36092 36100 47433
Muller P 26239 26243 26245 26279 36092 54602
Muller P H 9657 36100 47433
Muller S 3486 3487 3488 26325
Muller W H Jr 18126 54675
Muller Botha G S 23560
Mulligan P B 20957
Mulligan W 20704
Mulligan W J 12418
Mullinax P F Jr 4703
Mullins A G 1405
Mullins J F 10262
Mullins L J 5104 51095
Mulrow P J 12542
Multedo R 47470
Multhauf R P 9551
Mulvany J H 10142
Mulvey G E 14582
Mulvey J H 2130
Mulvey M C 3780
Mumenthaler A 54337
Mumenthaler M 19805 25374 27034 26163 44916
Mumford F E 50338
Mumford P B 37557
Munafò G 6782
Munfante T 9727
Munari P F 1983
Munarini D 37315 42688 54270
Munck O 10626 10628 10630 22410 22411
Mund R 2689
Munday K A 54924
Mundel M E 4413
Munder G 49928
Mundry K W 29879 34400
Mundy L 37578
Mundy L R 15559
Mundy R 11815
Mundy R A 25154
Mundy V G von 19442
Munger E E Jr 17541
Munger E H 16256
Munger H V 50318
Mungo A 15788 39361
Muniagurria J 21795
Muniagurria J L 8676
Muniga L 39633
Muniswamy M 17453
Muñiz Cano R 13549
Munk J 17282 39781
Munkner T 35445
Munkvad I 27011
Munkwitz W 49108
Munn J I 2074 25929
Munnell E R 32533
Muñoz A 13430
Muñoz G F 17493
Muñoz R 35679
Munõz Blázquez J 54990
Muñoz-Cardona F 8864
Muñoz-Cardona P 8861
Muñoz Ferrer F 22266
Muñoz Monteavaro C 25940
Munro A F 19528
Munro C 20871
Munro D 43141
Munro D S 5775 5776 37729
Munro G A 31640
Munro T R 39279
Munscheck H 23125
Munsick R A 15621
Munslow R A 22169
Munson P L 39199 55030
Munson T O 16773 28194
Munteanu R 23185
Munteodam H 19733
Muntendam P 5367
Munthe Fog C V 38845
Muntoni S 21000
Muntufar Revolledo I 6112
Muntwyler E 12544
Munz F W 17333
Murachi T 13770 25417
Muradian G T 46323
Murai T 52300
Murakami E 41363
Murakami H 22255
Murakami K 22916
Murakami M 27732
Murakami N 16465
Murakami T 22258
Murakami U 161
Murakami W T 48573
Muralt A von 15684
Muralt G von 54344
Muramatsu T 7211
Muranaka K 50068
Muranda M 21193 21202
Murani L 1100
Murányi F 23776
Murányi L 12000
Murari G 1952 14024 37314 37498 37500 37501
Muraro U 20979
Muras O 33012 54470
Murasawa K 21740 34174
Muraschi T F 31358
Murase M 16806
Murat M 54462
Murata K 435
Murata T 40425
Murata Y 16456
Muratidi Ia I 7897
Muratore R 29205 32024 36069 51473 55348
Muratova Kh N 41686
Murav'ev P M 10790
Murav'eva N P 11514
Murav'eva V G 34699
Murayama M 4750
Murazian R I 45866
Murchakova A F 6037 22617
Murchio J 20777
Murchison T E 15242
Murcia C R 13458
Murdaugh H V Jr 4672 43134
Murdoch R L 40997
Murdoch W R 54436
Murdock B B Jr 20868
Murelius O 12627
Murelli B 37527
Muresan A 11357
Muresan V 1048
Muresanu V 36156
Murgatroyd D 12531
Muricchio C 24949
Murison P J 38067
Murless B C 54507
Murley A H 41885
Murmann W 3545
Murnaghan G F 14171 20713 25991 51133
Murnaghan M F 7156
Murohashi T 28697 41489
Muroma A 24859
Muromskii Iu A 18216
Murphey A T 17671
Murphey F 50946 50947
Murphy A F 40606
Murphy A I 18140
Murphy C J Jr 7624
Murphy D P 17917
Murphy D R 14654
Murphy E A 14987 28285
Murphy E G 43495
Murphy E L 5232
Murphy F D 50655
Murphy G B 38070 51528
Murphy G E 47175
Murphy J D 47339
Murphy J G 5235
Murphy J J 53056
Murphy J L 36317
Murphy J T 965
Murphy J V 4598 5022 5060 17339 28343
Murphy K J 36976
Murphy L C 12725
Murphy M L 43534
Murphy M M 599
Murphy P 1353 12516
Murphy Q R Jr 14994
Murphy R 6121
Murphy R B 15921
Murphy R C 51555
Murphy S D 17941
Murphy T 28464 55419
Murphy T O 5274
Murphy T R 2899
Murphy W F 50039
Murphy W H Jr 31351 45825 45826
Murphy W R 32532
Murray D C 41356
Murray E G 7586 20047 37977
Murray E J 5062 50096
Murray E T 20478
Murray F A 39726
Murray F H 17490
Murray F P 5812
Murray G 2599
Murray H A 15823
Murray I 6197 53265
Murray I P 6144 9619 37741
Murray J 17588
Murray J E 1235 22029 22305 47572 52632
Murray J F 19079
Murray J G 50295
Murray J O 36324
Murray K D 51527
Murray M D 7190
Murray M J 28162
Murray M R 16941 38082
Murray N 8508
Murray P F 15 4329
Murray R 26062 48205
Murray R S 50402
Murray W A 20546
Murrell L R 14616 29711
Murrell M 20590
Mursalova R A 10747
Murstein B I 17141 17182 41357
Murtagh F 24658
Murtagh P 18050
Murthy D P N 17417
Murthy H B 2082
Murthy M S 507
Murzanian R I 45699
Musabaev I K 32560
Musajo A 9319
Musalov G G 49539
Musantova L P 49561
Muscatello U 37100
Muschel L H 50598
Muschenheim C 43161
Muschio R 7727
Muschner K 55680
Muscholl E 15678 43015
Muscolo D 37286
Musella S 21426 53780
Museteanu C 27446
Museteanu V 27446
Musger A 3998
Mushett C W 37224
Mushina-Udgodskaia L N 10791

Mushina-Udgodskaia L N 54559
Mushkin S 44273
Mushkin S J 8446
Musiałowicz T 23582
Musiani S 2962
Musiatowicz J 6878
Musil J 10307 28408
Musílek V 15664
Musílková M 15664
Musiolik M 39633 39634 39640
Muslera A 25956
Muslow I 28953
Musmeci L 30677
Mussa B 52033
Mussa J 30559
Mussa L 6893 44382
Mussallem H K 2586
Mussen P H 26577
Musser B G 53573
Musset R 26251
Mussett F 44034
Mussett M V 14477
Mussgay M 34458 34480
Mussgnug G 6702 14951 38433 38451
Mussini E 37327 37328 37455 37456 37480 37481 37517 37518
Mussini M 15252 44372
Mussini-Montpellier J 53431
Mussio-Fournier J C 6721 8700 37776 37931
Mustafin I S 22687
Mustakallio E 24830
Mustard J F 14666 14686 14707 26422 35651
Mustard K I 48520
Mustard W T 14667 18114 37994 50401
Mustart D 50813
Musumeci L 42736
Musumeci V 3907 19168 27642
Mutch J C 3020
Muth H 29484 55457
Muth H A 38618
Muth H W 10295
Muth O H 21707
Mutolo V 27415 34175 55532
Mutrux S 20828
Mutsaars W 47404 47414
Mutt V 52728
Mutti P 29626
Mutuş K 22371
Muxi F 8700 37776
Muzaffar Hasan S 5646 17904
Muzaffer E 36681
Muzii E 37361
Muzikravić T 27682
Muzykantov V A 49558
Muzzolini M 53587 53591
Muzzulini G 51973
Mya-Tu M 53700
Myant N B 6266 19548 41348 51058
Myburgh J A 45067
Mycek M J 1395
Mydlil F 37007
Mydlinski I 13336
Meyer J 38785
Myers B L 17553
Myers D H 49191
Myers E N 46928
Myers G 24595
Myers G E 32624
Myers G S 10438
Myers H C 10981
Myers H I 20145
Myers J 25414
Myers J A 5282 35905 49183
Myers J D 4870
Myers J E Jr 10685
Myers J L 20859
Myers J M 47165
Myers L S Jr 7154 46377 52296
Myers O H 23331
Myers P A 35721
Myers R E 68
Myers R T 52748
Myers S M 1355
Myers T B 39143
Myers W G 35960
Myerson M C 1194 6243
Myerson R M 15267 35696 43146 47518
Myhre E 34949
Myhre H 43199
Myhrman G 22113 22140
Myint Aung 14533
Myint Myint Khin D 48408
Myles R K 10544
Myllus K 51244
Mylle M 9561
Myirea D K 51565
Mynářová O 9433
Myren J 10363
Myrhaug H 35331
Myrianthopoulos N C 19786 23407
Mysak E D 17374
Myshkin K I 10835
Myslivček J 9494 38179
Myszkowska K 24066
Nabatoff R A 19916
Náběl L 9444 9456
Naber H 7298
Nabet P 37842 38754
Nabokov V A 18891
Nabriski S 16083
Naccarato R 49583
Nace P F 29711 14616 38027
Nacev G 27863
Nachaeva I D 12120
Nachef C N 44477
Nachev V 32821 45313
Nachlas M M 1214 28389 28390
Nachls 1214
Nachmansohn D 32335
Nachmias J 786 5588
Nachmias V T 21705
Nacht S 4300 4308 44648
Nachtigall C 6017
Nachtwey W 34604
Nacimiento A C 8990 26722
Nacke O 19438
Nadal C 37883
Nadas A S 445 14957 20258 30414 30416 30419 30425
Nadasdi M 24313 39355 41628
Nadbath R P 11677
Naddachina T A 25758
Nadeau G 48464
Nadel B 34047
Nadelcheva V A 45290
Nadelman M S 2355
Nadel'son F E 7793
Nadezhdina E A 20283
Nadin C 52082
Nadle M F 49375
Nadler E B 40707
Nadler L 7016 19284 19299 42837 42848 52155
Nadolski Z 38466
Nádor K 29173 35377 43426
Nádvorník P 38284
Naef A P 39820
Näf U 49804
Naegeli T 2436 39852
Naegelsbach H 12059
Nántó V 317
Naeslund J 35484
Naess K 23990
Naets J P 2291 42972
Nafici A T 11947
Naftalin L 8294
Naftalin M 8415
Naftchi N 627 4669 4670
Nafziger H 52275
Nagai H 7203 15663 39290
Nagai M 16439
Nagai R 24306
Nagai S 7203 15663 39290
Naganna B 28000
Nagano A 55436
Nagano Y 26781
Naganuma H 40425
el-Nagar H 5901
Nagaratnam N 30921
Nagasawa J 40425
Nagashima A 29865
Nagata M 26392
Nagata S 41495
Nagatsu T 7211
Nagaty H F 28310
Nagayama Y 48931
Nagel M 11894
Nagel V 27145
Nagelberg L 24594
Nagelschmidt G 26042 26043 48203
Nagelsmit W F 52524
Nágera J M 15507
Naghski J 1298
Nagibina T E 49791
Nagler B 22586 39169
Nagler F P 14709
Naglov V A 51742
Naglova G I 51742
Nagpal V S 16314
Nagradova N K 1722
Nagura S 34280 34286
Nagy E 17315 41984 48076
Nagy G 41991
Nagy K 24015 28794
Nagy L 28798 55635
Nagy M 41637
Nagy T 16599 23191 23743
Nagy Z 14315 18601 29175 51430
Nagyiucskay S 25228
Nahas G 43956
Nahas G G 48846
Nahas H 9094
Nahinsky I D 4902
Náhlovský J 9453
Nahnsen L 18917
Nahum A 10593 55101
Nahum H 21285 42434
Náhumek K 2741
Naidenov G 45307
Naidenov V 32759
Naidoo S S 15050
Naidu P M 50983
Naidu R 12207 54595
Nai Fovino G 18537 42739
Naiman Z I 34658
Naimova A N 33159
Nair C P 4166
Nair P P 4175
Nairn R C 5685 40064
Naismith D J 52337
Naismith W E 1382
Naito T 14899 14900
Naito Y 13326 13328
Najarian A 31386
Najdanović B 51699
Najean Y 21266 21291 44632
Najer H 15068 26791 48831
Najjar S 19844
Najjar V A 49469
Nakada D 4340
Nakada H I 44130
Nakagaki H 4331 26788
Nakagawa I 40203
Nakagawa K 24109 40425
Nakagawa N 33443
Nakahama H 28558 50937
Nakahara R 4342
Nakai M 1677 29814
Nakajima A 2102 2103 7669 43351
Nakajima H 3601 26663 26745
Nakajima M 16463 16464 24728 40205
Nakajima N 2816
Nakajima T 14925
Nakamichi M 40364
Nakamoto T 28693
Nakamura I 14922
Nakamura J 50471
Nakamura K 16448 16449
Nakamura M 4346 29810 29863 33888 40571
Nakamura S 10392 10394 18172 19557 28694
Nakamura T 10392 10394 13793 47944 47959
Nakamura W 11108 55430
Nakamura Y 12195 40203
Nakanishi Y H 34407
Nakano E 39233
Nakao A 1390
Nakao T 15578
Nakao Y 34380
Nakashima I I 160
Nakashima M 35800
Nakayama A 33884
Nakayama K 40340
Nakayama M 10871
Nakayama T 21718 40482
Nakayama T O 13747
Nakayama Y 11108 11109
Nakhimovskaia M I 19112
Nakhimson L I 34659
Nakić B 7139
Nakielny E 14152
Nákó A 20159 39426 52180
Nakonechnaia N I 20276
Nalbandov A V 13199 46894
Nalbat A S 45171
Nalbone G 9296
Nalegatskaia A V 39342
Nally J B 21410
Namazova A A 20281
Namba M 28381 28382
Namikas G A 17261
Namyatisheva A M 1780
Namyslowski L 17983
Nanagas R 7988
Nanba T 44650
Nand D S 17416 17448
Nandi D N 40074
Nandi J 2674
Nandi S 21662 41180
Nandrup E 30213 32255
Nanetti L 37485 37486 37487
Nani S 334
Nankee W O 16754
Nanni E 3586
Nanson E M 25052

Nanson E M 38003 50604
Nanta A 14084
Nante L 7744
Nanu F 49051
Naoi M 25892
Naome J 21316
Napalkov P N 33226 45198 45662
Napoli I 37289
Napolitani F D 39791 52685
Napolitano L 40579 53589
Napp E E 3775
Naquet R 987 15129 48916 48918
Naquira F 13893
Narahara H T 28235 40544
Narahashi T 52347 52351
Narahashit 52347
Naranjo E 51658
Naranjo P 13430
Naranjo Granda E 25127
Narasimha Rao P L 49296
Narasinga Rao B S 40083
Narath P A 33437
Narayanarao M 37594
Narayandas M G 4169
Narbeshuber H 11048
Narbona Arnau B 18837 18838 18839 18840 18841 18842 18843 18844
Narbonne P 21333
Narbut E I 22529
Nard L 41379
Nardelli L 3908
Nardi F L 3726 39513A
Nardi G L 22082 32685
Narducci F 25553 35555
Narducci U 29677
Narikashvili S P 49523
Narita K 37099 47953
Narkiewicz M 30085
Narsete E M 49989
Nartsissov N V 33574
Narumi H 41491
Nasemann T 30968
Nash C S 33031
Nash D T 5416
Nash E C 49711
Nash E S 25013
Nash H 5125
Nashkov D 45289
Nashkova O 45289
Nasladko H 8067
Naslo J 15505 21770 24610 32442 44398 48743
Nason A 4745 4746 25114
Nason Z M 5240
Nasonov D N 49548
Nasonova M V 51933
Nasralla M 4872
Nassau E 13088 36169
Nassau K 4877
Nasselin S 17987
Nasset E S 17826
Nasta M 13032
Nastasi L 30424
Nasutavicus W 19556
Nász I 23768 23780 29185
Nataadidjaja E 37628
Natadze T G 33579
Nataf B 15113
Nataf J 6393 36692
Nataf R 3159
Natali J 31056 42445
Natali R 3153 13075
Natalini E 42512
Natalio Firpo C A 20638 16299
Natalizi G 31723
Natanson T L 55809
Natanson A M 45726
Natarajan C V 16298
Natarajan R 4557
Nath M C 4179 4186 31466
Nath N 1398
Nath R 17829
Nath Nandi D 31342
Nathan D G 40688 41042
Nathan D J 1775 12342
Nathan H 2676 38490
Nathan H A 31413
Nathan P 22315
Nathan P W 5499
Nathan-Kahn J (Mme) 36059
Nathaniel A 34909
Nathanson B N 10125
Nathanson M 19788 36253
Natiello O B 8150
Natin I 43862
Natoli A 3851
Natsume M 2830
Natsvlishvili G A 10749
Nattrass R 6470
Natvig R A 210
Natzschka J 29895
Nau C A 23384
Naudin 36651
Naudin E P 9651
Naudin J 47479
Naulleau J 45018
Nauman J D 29772
Naumann D E 25029
Naumann F 20327
Naumann G 11164 11241 12061 23724 34068
Naumann J 35136
Naumann P 34064 55505
Naumburg M 28032
Naumenko A I 49530
Naumik A 30403 30404
Naumov L B 10807
Naumov M P 49572
Naumov V I 10813
Naumova T S 23272
Naumović M 39708
Nauta J 54918
Nauta W J 25975
Nauta W T 43589
Nauth-Misir T N 2231
Nauts H C 35193
Nava A 461
Nava G 26587 32097
Nava G C 21475
Nava P 39975
Nava Acevedo H 32465
Navaratne R A 23537
Navarre G 40899
Navarret E E 8160
Navarrete A 48083
Navarrete M E 44564
Navarro A 8689 8700 37776 37931 44389
Navarro Roca M 13528
Navarro-Ruiz A 8861
Navashin S M 36381
Navratil L 36480
Navazio F 8657
Naveau P P 9229
Navratil E 24131
Navrátil J 10307
Navrátilová A 26535
Nawa H 2811 40424
Nawratzki I 663
Nayler J H 52446
Nayler W G 36986
Naylor H B 7207 16880
Nayrac P 9132 9726 54097
Nayral 7069
Nazarenko A I 28823
Nazario R 37248
Nazarova G F 55229
Nazzaro C 8601 20981 20992 53777
Nazzaro P 8048 8057
Nazzi V 27440 42673 42687
Neal F E 32707
Neal H S 41453
Neal J 23384
Neale A V 53510
Neale F C 4894
Nealon S W Jr 37811
Nealon T F Jr 1248 18121 22057 23491 54729
Neary G J 2130 19570
Nebbia G 332
Nébel L 28793
Neber H 32962
Nebiolo A 42621
Nechaev Iu B 18183
Nechaeva I D 33589
Nechaeva T I 10837
Nechiporuk V M 41690
Nechvátalová L 11849
Nedbal J 4668
Nedelcheva V A 32814
Nedelcu-Karassi A 25446
Nedeljković S 21930
Nedeljković V 9948
Nedelkoski J 32608
Nedialkov A 28782
Nedkov N 32796 41571
Nedler M 31125
Nedogibchenko M K 3818
Nedoma K 38345
Nedrigailov V P 10802
Nedrigailova O V 43396
Nedvědová Z 38366
Nedvidek B 6628 9957 47689
Needham G M 20807
Neef W 15377 34332 34342 46204 46206
Néel J L 43738
Neel J V 1157 9582 35691
Neel O P 9238
Neel R 42015 47415
Neelemans L 9513, 21589
Neeley A H 966
Neely J C 12851 36330 54679
Neely S E 16865
Neely W B 19612 46784
Neergaard C F 49974
Neetens A 14510 26182
Nef W 34383
Nefed'eva N P 22688
Neff B J 895
Neff W D 40732
Nefflin L H 24993
Negelein E 23618
Negoiță C 43989 43992
Nègre E 1469 4821 7057 7058 44676
Nègre L 13030
Negreiros E B 40222
Négret J P 36639
Negri G 42573
Negri L 26592
Negri M 18531 39350 42775
Negri R 13922 31727 47759
Negri S 32475
Negrini A C 21654 36731
Negro G 51987 54226
Negrón R 46928
Negroni G 25970
Negru A 6582
Negrut J 34577
Negus L 52165
Negus V E 28480
Neher R 353 54377
Nehili J 9128 27344
Nehls K 36443
Nehm O 46698
Neidhart J J 28005
Neidle A 1395
Neidmann G 13893
Neidner F F 54940
Neil J E 41065
Neilands J B 1264
Neild W H 42112
Neill C A 41452 52151
Neill D W 2027 26036
Neill L 6117
Neill W A 19830
Neilson A W 4245
Neilson D B 17886
Neilson D R 10461
Neilson J B 37964
Neilson R P 10461
Neiman I M 20195
Neimann N 18013 25454 25482 27719 30460 31974 31976 32407 54062
Neimark J M 44085
Neimeier R 1030
Neipp L 9549 21599 39231
Neira E 21095
Neira M 53966
Neis D D 46867
Neish A C 14606 48443
Neish W J 3452 3470 49354 49355
Nejman K 30628
Nejrotti R 42798
Nekliudova L I 22705
Nelemans F A 19725
Neleto P A 8762
Nelken D 50405
Nellen M 9785A
Nellis B 46965
Nello P 44325
Nello P R 39363
Nelly Bragoni E 32456
Nelsen A E 40231
Nelsen O E 3930 49806
Nelsen R J 40231
Nelsen T S 153
Nelson A 35458
Nelson A J 38011
Nelson A T 35981
Nelson B 8406
Nelson C D 26412 48460
Nelson C T 27817
Nelson D H 17064 28168 29249 30102 30112 48332
Nelson D R 10459 45926
Nelson D W 43000
Nelson E 50255 54518
Nelson G 4774
Nelson G A 12400
Nelson G S 3397 3398 3401 5138 10474 14470 39177 39183
Nelson H M 5733 24108 46740
Nelson I A 34971
Nelson I C 49060
Nelson J D 14146
Nelson J F 52329
Nelson J H 48543
Nelson J H Jr 12668
Nelson J N 19835
Nelson J R 12780
Nelson L M 48430
Nelson M J 49771
Nelson M M 12924 31298 39208 44131
Nelson N 5436 46887
Nelson N A 50718
Nelson N H 27563
Nelson O A 33116
Nelson P 17189
Nelson P A 11779 46544 50223
Nelson R 14291
Nelson R A Jr 5013 11944

Nelson R D 23355
Nelson R L 8021
Nelson R S 36252
Nelson S C 12373
Nelson S E 50448
Nelson S W 882 8565 12721 24693 35891 47258
Nelson T L 36567
Nelson W O 13205
Nelson W P III 19906
Nel'zina E N 51742
Němcová S 14827
Nemec B M 7524
Nemec P 30032
Nemeckova A 26907
Nemecskay T 20166
Nemes T 52898
Nemeskéri J 33543
Nemeth A M 21705
Németh É 29180
Németh G 7366 27449
Németh L 4140
Németh P E 24017
Németh Š 38288
Németh T 10571
Nemir R L 16672
Nemirovich-Danchenko O R 55803
Nemirovskaia B M 36367
Nemirovskaia S A 12165
Nemours-Auguste 36669 39482
Nemours-Auguste S 41386
Nemtsova O L 12152
Nenadić J 29392
Neno M L 3395
Neona A 44769
Neogy K N 17439
Neoral L 26506
Nepean-Gubbins L 44865
Neplokh Ia M 46313
Neradová O 14861
Neretin V Ia 3580
Neri V 27672
Nerlich H 15340 38931
Nerone G 3902
Nerurkar R V 27984
Nervi C 49585
Nes C P van 29943 47843
Nesbet J D 33109
Nesbit R M 12655 40306 55045
Nesbett F B 50916
Nesbitt R E Jr 3008 10093 10134 20057 30169
Nesemann G 49911
Neser A T 9818
Nesheim M C 17815
Neshev G 32778
Neshtianu V 23266
Nesis A I 55255
Neskovic B 31911
Nessel E 49606
Nesselrod J P 8124
Nessim J A 50190
Nessler C G Jr 21698
Nestel B L 15240
Nestel P J 6452
Nesterenko A I 9932 32545
Nesterenko Iu A 10740
Nesterin M F 33623
Nésteroff A I 4737
Nesterov A 45870
Nesterov I V 5953
Nesterov V A 9918
Nesterova V N 46820
Nesterova A P 33629
Nestiano V 5763
Nestmann R H 10982
Nestor Gómes R 32452
Nestorescu N 34501
Nestrugina Z F 10760
Nesvad'ba V V 36397
Neter E 4562
Neth R 23076
Netherton E W 11562
Neto 22574
Neto V A 39983
Netoušek M 9956 38129
Netsky M G 20748
Netter A 2494 2495 9018 15179 36062 36063
Netter H 49925
Netter P L 41134
Netter R 31093
Netterville R E 49185
Netteshelm F 10556
Nettl S 2785 39401
Netto F B 21094
Netzer C O 29061 34530
Neu H N 3789 16640
Neu O 19756
Neubauer E 31793 38254
Neubauer G 16074
Neubauer M 14798
Neubecker R D 50530
Neuberger A 13891 13702
Neuberger F 22781 45949
Neubert D 38997 39007 43004
Neubert F R 14114
Neubert H 10549
Neubuerger K T 46493
Neudeck W 29419 29436 46149 46801
Neufeld E F 16892 47707
Neufeld H A 1348
Neufeld J 23336 49857
Neugarten B L 39563
Neugebauer I 52201
Neugebauer K 51799
Neugebauer W 23205 27148
Neuhann W 19045
Neuhaus E C 24455
Neuhaus F C 40552 40553
Neuhaus G 2438
Neuhoff V 36924
Neuhold K 29915
Neuhold R 22777
Neulat G 47769
Neuman G G 24645 41358
Neuman M 34059 37872
Neuman R E 39396
Neuman W R 24645
Neuman Z 10495 39775 50060
Neumann A 34095 41595
Neumann B 17519 27774
Neumann C G 20383
Neumann C P 36877
Neumann E 15273 26066 47058 48215
Neumann F 15190
Neumann G 25796 45465 49103 50063
Neumann H G 28862 51247
Neumann J 38667
Neumann M A 41191
Neumayer E 33838 39040
Neumayer F 22045
Neumayr A 23020
Neumüller H 43641
Neun H 46197
Neuner W 41596
Neuner Y 42245
Neunhoeffer O 55526 55534
Neupert C N 22908
Neupokoeva T L 21926
Neurath H 1265 40493 40494
Neuringer C 40756
Neuvicq E 49738
Neuvald F 36930
Neuweiler W 10271 28076 43822
Neuwirt K 9449
Neuzil E 26861 37829 37830
Neva F A 29263
Nevaaliana H R 27276
Nevel'son S S 7792
Nevermann E 27164
Neverov A A 33210
Neverre G 15126 26823 26919
Neves D P 53845
Neves H 3698
Neves R G 44461
Neves S 53876 53877 53878 53879
Neves W 28094
Neveu P 1006 1007
Nevill G E 38002
Neville G M 4693
Neville J F Jr 5896
Neville W E 150 11816
Nevin J E 35639
Nevins T F Jr 40111
Nevis A H 47118
Nevitt G A 8455
Névot A 26352 32016
Nevzimal C 21971
Nevzfmal O 38285
Nevzorova T A 28804
New E V 43489
New P F 53735
New W N 14554
Newberne P M 17808
Newbery G R 37628
Newbold H I 3388
Newbrun E 50136
Newburgh R W 4721 40478
Newbury E 17338
Newcomb M L 47162
Newcombe C P 14043 46812 48261
Newel J M 28323
Newell D J 26044
Newell F W 27968 47076
Newell K W 6551
Newell R L 48515
Newell R R 24651 31499
Newey H 51103
Newhall J H 4641
Newhall S M 28590
Newland H 2223
Newland L G 17902
Newlyn D 604
Newman A E 39191
Newman C 6445 20519 39115
Newman D A 40829
Newman E V 33050 48738
Newman H 33089
Newman H C 48160
Newman H W 37940
Newman M 52784
Newman M J 41808
Newman M S 17780
Newman P H 6178
Newman S 17048 29534
Newman S P 54387
Newns G H 18683 41789
Newsom B D 12530
Newsome J 6555 55581
Newsome J F 932 938
Newstrand D 14537
Newth D R 4974 4982
Newton B A 3494
Newton C 28535
Newton C T H 30207
Newton F H 35784
Newton J D 3355
Newton K A 30914
Newton M 19281
Newton M D 12835
Newton W A Jr 159
Newton W T 11813
Ney C 16001
Ney H R 38442
Ney Toledo A 23646
Neyhart A E 40255
Neyman D S 4517
Neyman K 31532 31533
Neyraut M 47448
Neyroud M 30984
Nezamis J E 31430
Neselof C 25487
Ng E 53739
Ngai S H 40263
Nguyen Duong Quang 14954 15336
Nguyen-Tri-Loc 14430
Nguyen-van-Ai 14433 14453
Nguyen-van-Thoai 15089 15114 15115
Ni T M 38379
Niadas E 39248
Niaussat M 38738
Niaussat P 8236 14379 24750 26800 26819 38738 47321 48869 48871
Nicaise R 35504 53237
Niccoli Valesi R 25960
Nice C M Jr 47222
Nicelli F 43457 43459
Nichet L 44670
Nichil 24290
Nichil J 17662
Nichol C A 50345
Nichol E S 48710
Nichol J E 14682
Nichol W W 23473 23478
Nicholas A L 17195
Nicholas E 40956
Nicholas H J 16705
Nicholas J A 10138
Nicholas J S 12951
Nicholas W L 25071
Nicholl W 5280 21518
Nicholls P 1678
Nichols A F 2131
Nichols A V 23343
Nichols B 38680
Nichols C R 19959
Nichols D R 10143 49649
Nichols F C 10135
Nichols G Jr 40683
Nichols H 46931
Nichols H T 5878
Nichols J 34944
Nichols N 40683
Nichols P J 36291
Nichols R E 4630
Nichols T 28240
Nichols T B 27944
Nicholson A E 40350
Nicholson G J 46519
Nicholson H 48274
Nicholson J F 14729
Nicholson J T 50222
Nicholson R 7575
Nicholson T F 48451 48452
Nick J 27691 27694 37939
Nickel V L 50370
Nickel W R 8040 14554 15923
Nickell W K 10316
Nickerson J L 24346
Nickerson M 20496 26408 48473
Nickolls 16316
Nickon A 4745
Nickson J J 2707 26406
Nico J P 28366
Nicod J L 32286 2321 44944 46748
Nicodemi E 7730
Nicol B M 55356
Nicol C S 14184 14186 48339
Nicol L 20798
Nicol M 30465 48913
Nicol T 7237 7252 19479
Nicol V S 13422
Nicola G 32119
Nicola G G 42723

Nicola P 29721
Nicola P de 25840 49726
Nicolaescu T 6595
Nicolai P 23642
Nicolaissen B 46454
Nicolaj P 2970
Nicolas A 50895
Nicolas E 9508 11860
Nicolas J 29342 44641
Nicolas M 35356
Nicolas-Charles P 9200 38640
Nicolas-Charles P J 47758
Nicolas-Goldstein M 15022
Nicolau I 31127
Nicolau S 33643
Nicolau S G 25294
Nicolaysen R 12026
Nicole-Genty G 8233 43962
Nicolesco M 7668 19769
Nicolescu-Catargi A 9474
Nicolet A 29067
Nicolet L 9137
Nicolet S 11309
Nicoletti G 42674
Nicoletti I 23305 44353 44356
Nicoli 51444
Nicoli M 15131 31730 31731
Nicolich G 42528
Nicolino J 9654
Nicolino-Gineste (Mme) 29186
Nicoll W D 4880
Nicolle A 17991
Nicolle M 44783
Nicolle P 34494 34495
Nicollo F 32687
Nicollo F (Mme) 36622
Nicollo S 21282 44608 54012
Nicolopoulos D 17910
Nicolosi G 3851 39353 49589 53585
Nicora E 7754
Nicosia U 26598
Nicrosini F 3714 39317 39643 49401 39321
Niculescu I T 9458
Niculescu S 9458 25730
Nidecker H 30615
Niebauer G 46642
Niebauer G 46643
Niebel J D 35888
Nieburgs H E 35762
Nieć J 20414
Niederecker K 29033 29104
Niedergerke R 17978 51089
Niederhellmann K H 41730
Niederland W G 44248
Niedermayer W 41734
Niedermeier S 28859 51252
Niedermeier W 40777
Niedermeyer E 25367 45937
Niedermeyer K 53628
Niedner K 11451 25215 34334
Niedzielska H 43676
Niegsch G 34352
Niehaus F W 52466
Niehaus H 22188
Niekerk J M van 9814
Niekisch H 42282
Nielsen A 23723 45494 51291
Nielsen A T 35123 48996
Nielsen E 25335
Nielsen E L 19939
Nielsen G K 319 19525 35382
Nielsen I M 1581
Nielsen J 43216 45489
Nielsen J B 35218 45529
Nielsen J C 52734
Nielsen J M 2347 37816 37819 44973
Nielsen J P 28118
Nielsen J S 47311
Nielsen J Z 35334
Nielsen K 19939 22399
Nielsen M 12027 32240
Nielsen M H 52713
Nielsen R B 664
Nielsen S F 10580
Nielsen S O 26963 26964
Nielson H Jr 37944
Nielubowicz J 6868 30810
Niemann B 49925
Niemann-Sorensen A 11939
Niemes B 15983
Niemi M 23579 27295
Niemierko J 43669
Nieminen T 24899
Niemiro R 30804
Nien S M 11488
Nienhaus S 29485
Niepołomski W 7769
Niermann H 34207
Niero G 1096
Nieschulz O 13645
Niesert W 18931 18994 33913 33960 47640
Niessen V 28882
Niewiatowski M 39635
Nieth H 386 18329
Nieto Grove M 36848 36861
Nieto Nieto G 48748
Nietsch B 11010
Nieuwenhuijse P 49625
Nieuwkoop P D 7355
Nieveen J 3756 29954 52533
Nievergelt J 45780
Nieweg H O 29972 50712
Niewiarowski S 21298 33693
Nigeon-Dureuil M 38742 38743 48872 48874
Nigg C 13343 16882 16883
Niggli G 39920
Nightingale E J 46917
Nigogosyan G 50955 52686
Nigon V 1670
Nigro G 6795 6796 6797 13986 13987 37376 37386 42675
Nigro N 6851 29734 29740
Nigst H 40990
Niguidula F N 46516 54736
Nihira H 45592
Nihoul E 1086
Niiranen V J 46371
Niitani H 435
Niizima M 17198
Nijamkin A 21202 53957
Nijdam S J 49628
Nijensohn C M 21041 31006
Nijhof J 13693
Nijland M M 43584
Nikašinović Z 6628
Nikiforov M I 18214
Nikiforov S 45667
Nikiforova E K 43399
Nikishin K E 55246
Nikitenko L A 7913
Nikitin V P 54575
Nikitina S A 49802
Nikitova A N 45700
Nikitovitch-Winer M 39214
Nikkili E A 24817 35174
Niklowitz W 23061 46260
Nikobadze I I 45196 55158
Nikodémusz I 19750 34486 55500
Nikolaev A I 34665
Nikolaev I A 16408 16413 16424
Nikolaev N O 51170
Nikolai N 42889
Nikolić B 32607
Nikolić I 21946
Nikolić V 32607
Nikolić V T 10925
Nikolitsch M 25224 25225 25235 25247 25248 25254
Nikoloff T 27911
Nikolov K 28754
Nikolov P 28714 32754
Nikolowski W 18936
Nikol'skii N N 25910 49573
Nikol'skii V A 34756
Nikonchik O K 46805
Nikonov G 55831
Nikonova O S 34748 34771 54546 55851
Nikulenko N M 52953 52984
Nikulin A 51689
Nikulin P P 12152
Nilashevich M K 18867
Niles N R 12341
Milovskii M N 48020
Nilsen P A 23819
Nilson A E 23693
Nilsonne U 19940
Nilsson E 12876
Nilsson L 32848
Nilsson L R 19949 35345
Nilsson L S Jr 40404
Nilsson L V 22119
Nilsson O 5910
Nilsson P E 25317
Nilsson S 10167 10193 32064 44117 44388
Nimni M E 50552
Nimura H 40787
Nimz R 36443
Nini N 53436
Nini W 31955
Ninni A 19257 37397 37399 37400 37401 37402
Ninni M 9279 9354 9587 32111
Niño F L 8172
Ninomiya S 16443
Ninov L 11359
Nio D L 41974
Nio L 41974
Nio O K 41976
Niosi C 52119
Nirenberg M W 13823
Nisbet H I A 14047 37737
Nisbet O M 45924
Nisbet W 28628
Nisell O 11961 35179
Nishi S 19567
Nishihara G 10114 10136
Nishihara H 3522
Nishikawa F 16449 16455
Nishikiori H 44650
Nishimura C 4346
Nishimura H 20112 40787
Nishimura S 37112
Nishiura M 16351 46653 50027
Nishiyama S 13331
Nishizuka Y 24109
Nishmi M 40900
Nisimov R 32823
Nisman B 36087
Nisonoff A 9572
Nispen tot Pannerden E B van 30636
Nissen K 19029
Nissen N I 22393 23941 33385 33399 55102
Nissen R 7082 10266 12052 15437 22876
Nissen T 6760
Nissen-Meyer R 35081
Nissler K 25282
Niswander G D 15560 46450 51908
Nitisapoetro R M R 41977
Nitsch J P 38701
Nitsch K 32956
Nitsche H 7680
Nitschke A 15406
Nitta K 16450 16451 39449 40427 40428
Nitz H T 25346
Nitzescu I I 15311
Nitzschke E 12069
Niu C I 9607 10865
Niuberg N D 25921
Niunikova O I 45645
Nivaldo J 8767
Nivelleau J L 6403
Niven C F Jr 1304 25124
Niven J I 15231 55895
Niver E O 17051
Nivet M 1465
Nivière J 14428 41370 54052
Nivinskaia M M 33593
Nixon P G 46612
Nixon R K Jr 47899
Nixon W C 33130 47008 50972 50973
Niyogi A K 50814
Nizet A 3122
Nižňanský F 14801 38157
Njan T K 29939
Njoku E 19647
Njoku-Obi A 1297
Noack H 393 11155 36028 46280
Noack J 34574
Noack R 49921
Noback C R 12931
Nobechi K 18174
Nobel S 1381 31396
Nober E H 23317 28660
Nobili F 29626
Nobili L 52027
Noble A B 48496
Noble C E 5036 5051 28334
Noble E P 2561
Noble H M 53273
Noble J 19891 35704
Noble J L 5036
Noble R C 39154
Noble R L 48471
Noble T B 50625
Noble W J 2369
Noblega S 39091
Nobles W L 24598 40365 47093 50253
Noblet J 999
Nóbrega V V 4366
Nocca G 53593
Nocciboli G 41905
Noce J B 8787 44477
Noceti D 37324 54482
Nocito F J 1841

Nocito F J 20657
Nocito J C 1841
20657
43917
Nocke L 27809
35115
Noda H 47951
Noda K 22255
22258
Noda M 1344
Nodari G 3871
21427
Nodet C H 9043
Nodine J H 46925
49490
Nodl F 46654
Noe F E 28946
Noe-Nygaard A 1631
Nöcker J 28049
Nöhr P 45527
Noël G 268
Noël P 1004
Noel P J Jr 43311
Noël V 22459
Noell W K 11689
20929
47056
Nöller H G 25271
30569
30570
Noetzel H 25818
Noetzli M 35602
Noev K 28750
Nofre C 3051
48828
Nofri R 30677
Nogaller A M 45173
Nogaller M L 3574
Nogami H 2810
2815
2816
Noguchi A 49239
Noguchi F 50073
Noguchi Y 22915
Nogueira A P 44976
Nogueira A R 52427
Nogueira C 486 16660 18132 22005 23561
Nogueira J A 30882
Nogueira Freire J L 4351
Noguer-More S 342
Noguera H 53956
Noguera O F 15525 27210 27222 27239 39092 39106 39131 49149
Noguès A E 7573
7590
44390
Nohl H C 14151
Nohlen A 39073
39074
Noirot-Timothée C 3060
48812
Noix M 17999
41473
Noix M 53412
Nolan H 4747
Nolan J F 1562
35862
Nolan K E 42135
Nolan R B 31473
Nold B 33954
55458
Nolf V 41434
Nolfo G 48115
Noli S 37407
Noll H 10861
Noller H E 53704
Nolte I 49289
Noltmann E 25891 25899 25900 25902 49920
Nome O 54974
Nominé G 1059
36182
38672
48793
Nomura M 37112
Nomura S 40207
Nomura T 40427
Nomura Y 50329
Nonhebel G 40147
Nonnenmacher H 51263
Nonnis-Marzano C 44281
Noojin R O 17675
20516
Nooman Z 4963
46904
Noonan J A 30414
Noordergraaf A 8028
8029
24357
Noordijk J A 36864
Noordsij A J 43048
Nooriander D O 16778
Noorle Jansen L M van 25136
Nooy E de 43059
Norberg B 43238
Norberg P B 11882
Norbury F G 4148
Norcia L N 35829
Norcross K J 17257
Nord F F 1394
25435
35541
Nordenskjöld A 54822
Nordenstam H 29224
46844
Nordenström B 10312
54915
Nordheim W 34176
34241
55530
55566
Nordland O S 55891
Nordlander S 46661
Nordlöw W 23880
Nordman J 54622
Nordmark G 10171
Nordøy A 45430
Nordøy S 10366
54984
Nordqvist P 23951
Nordyke R A 13007
Noreik K 10375
Norfleet C M Jr 33083
Norgan A 42156
50444
Noriega Trigo M 8944
Noring O 11879
Nork E P 3935
Norlander O 54915
Norlander O P 54934
Norman A 1362 1719 12206 16908 45833
Norman E C 16553
Norman H B 48293
Norman J 48151
Norman L 47267
47268
50999
Norman L G 18418
Norman P S 17248
Norman R M 5496
17742
Norman T D 15003
Normann P 35270
Norn M S 23852
Noronha T de 28086
50076
Norpoth L 27530
Norring L 54824
Norris A H 17370
Norris C M 1197
6220
7521
Norris F Jr 47337
Norris F H Jr 960
Norris J L 20739
Norris K P 40848
Norris S 2619
Norris T S 6201
Norris W 28964
Norris W J 54713
Nors-Hansen E 22425
22426
Norsworthy M E 28206
North A J 50494
North E A 29836
North J P 54723
North K A 14996
Northcote D H 25863
Northey J F 52687
Northfield D W 8290
20574
Northrop J H 5108
17325
Norton H J Jr 95
47064
Norton H W 55066
Norton J 53619
Norton J A Jr 17134
Norton J S 31382
Norton K R 41789
Norton M L 21858
Norton P M 46536
Norton T H 40625
Norvell S T Jr 14642
22094
Norvtit L 10170
25181
Nosa Y 16803
Nosál M 38360
Noschis K W 54497
Nose Y 40489
Noseda V 30672
36807
49339
Noskova E G 55775
Nossal G J 14103
25778
29868
Noszkay A 34362
Nota N 15510
Notarnicola L 9324
Nothman M 49091
Notkin H 16241
30189
Noto L 21445
21449
Noto S L 31306
Notter A 15168
Notter G 15864
Nouel C 8939
Nouhuys F van 43040
Noufflard H 13051
30437
Nour-Eldin F 2070
Nouvel J 32013
Novac S 34501
Novachenko N P 43403
52854
Novaes A A 8736
Novák A 9442
Novák D 14806
Novák E K 23774
23775
Novak E R 3016
43304
Novák J 27116
48876
Novak J B 8133
Novák L 42989
55462
Novák R 38426
Novák Š 21557
44870
44871
44872
Novak Z 30090
Nováková V 38192
Novel E 53302
Novell H A 7602
38571
Novelletto A 27342
32114
Novelli G D 13804
42956
Novellino L 21439
Nover A 7670
Novi I 25534
25542
25549
Novick A 17275
50327
Novick R 41269
Novikoff A B 40583
40591
Novikov B I 41680
Novikov I A 54549
Novikov Iu V 39597
39607
Novikov N V 43418
Novikova E Z 45754
Novikova M A 55297
Novikova N V 31157
Novikova V A 20277
Novikova E Z 6003
Novitskaia G V 1735
Novitskaia N A 3565
Novitski E 541
Novitskii D A 12153
Novizki I 32458
Novlianskaia K A 34804
Novogrodsky A 13809
Novoselova R S 45152
Novotný I 19604
38210
38213
Novotný J 38260
Novotony O 22775
Novozhilov D A 43400
Novozhilova M I 19111
Novozhilova-Kosulina O N 33354
Nowacki P 29050
Nowak H F 7772
Nowak J 20410
Nowak S 8093
Nowak-Reszel I 8101
Nowakowski H 3261 6077 39009 46601 49283
Nowakowski T K 7833
Nowell N W 49258
Nowell P C 26457
Nowicka H 7832
Nowicki J 16047
53190
Nowicki S 6874
20419
30938
Nowinski W W 31399
52366
Nowosielecka-Derusowa E 8085
Nowotny A 30601
30602
34231
Nowrey J E 47627
Nowy H 22190
34187
55540
Noyan A 12738
Noyer J 36120
Noyes H E 4875
46528
Noyes R F 50948
Noyes R W 40798
49475
49493
50526
Noyes W D 52339
Noyez D 37038
Nozaki Y 4346
Nozoye T 2819
2820
2821
Nozu K 4340
Nozzoli F 48109
52056
Nuboer J F 39827
Nucci C 30347
Nucci F 3598 27463 27466 44327 49596
Nucciotti L 1991
Nudol'skaia O E 33611
45219
Nückel H 10287
Nüske R 46262
46263
Nüsser E 48222
Nuetzel J A 11637
Nugent C A 12802
Nugent C A Jr 11631
Nugent F W 15950
40267
Nugent M A 46937
Nugmanov S N 46821
Nulsen R O 43335
Numa S 328
329
Numazawa Y 22260
Numberger J 45262
Numeroff M 30114
Numers C von 24839
36029
Nummi P 27301
Nunes C V 44376
51642
Nunez J 15088
Nunez L E 489
16514
Nuñez Andrade R 42236
Nuñez Basso M 27584
39617
Núñez Carril J 21162
53892
Núñez Dey D 21194
Nunley R L 24603
Nunn D B 12825
Nunnally J 17137
Nunnari A 13924
37342
37343
Nusbaum R E 35650
Nusimovich B 8688
27235
Nussbaum H E 35706
Nussenzweig R S 3703
Nusser E 11248 11251 23012 27183 33973
Nusser W 36345
Nutini L G 2669
Nuttall J B 4701
Nutter J Y 503
Nuttin J 11862
Nutting W B 39243
Nuxsolo L 54212
Nyakas A 55732
Nyberg C E 49658
Nyberg R 280
281
283
Nyberg W 10426
44909
Nydahl M J 52149
Nydick I 48699
48719
Nyfos L 35472
Nygaard A P 37126
Nyhan W L 7843
38473
Nyholm R S 1661

Nyhus L M 850
22076
Nyiredy G 52916
Nyiri I 11110
11444
11454
23743
Nyiri L 23765
Nyíró G 4135
40047
Nyirő J 44211
Nykiffek O 30031
Nylander A M 14342
Nylander I 24091
Nylén C O 35339
Nyman M A 35825
40532
Nyquist R H 25514
Nyrinbrenel B 21809
Nyswander M 24588
Oak U 10510
Oakley C M 31592
Oates J A Jr 16902
Oates J K 14182
48254
50402
Obagimov O 32752
O'Bannon R P 54863
Obata S 22918
22919
Obayashi T 31921
Obchinnikov A V 22546
Obel A L 28064
Obenaus H 22766
45967
Obenour S W Jr 12717
Ober K G 15423
39067
Ober S S 4566
Ober W B 46989
Oberbreckling R E 4411
Oberdisse K 3267
3283
Oberhelman H A Jr 153
54767
Oberhill H R 50220
Oberhoffer G 27196
Oberländer J 34543
Oberlander H 43933
Oberlin S 37767
Oberman B 18519
Oberman H A 10697
35654
Oberman J W 15045
19872
38612
Obermayer M E 46392
Oberneder M 42400
Oberst F W 23297
34863
Obersieg J 49106
Obert G J 31470
Obes Pollert J 36850
53937
Obiger G 34051
Obiglio H 43918
Oblatt E 6093
Oblatt E 29155
Oblinger W L 4151
40054
Obmann K H 55728
Obnorin N A 41563
43397
Oboshi S 39454
Obrador S 21118
Obrador Alcalde S 32455
O'Brasky L 38839
Obraztsov G D 45661
Obregon G 36261
46480
Obrenovitch L 38737
Obretenova K 34069
O'Brien C F 41084
O'Brien E J 41453
O'Brien E N 18440
O'Brien G 839
O'Brien J R 53568
O'Brien K 8519
O'Brien M A 5233
O'Brien M E 24984
O'Brien P S 35856
O'Brien R D 13721
14626
52401
O'Brien R L 16526
O'Brien S E 48520
O'Brien W A 33662
Obrist W D 27318
Obrosov A N 33500
Obrzut A A 8094
Obuchi S 40425
Obukhov B M 1766
Obukhova G P 48047
Oca C 489
Ocampo L 10136
Occhipinti S 6806
Ocheret A M 18880
Ochiai E 2830
Ochiai S 11103
Ochkur P P 25764
Ochoa S 40518
46373
47714
Ochocka M 7812
Ochota L 1134
Ochs G 52303
Ochs I L 46481
Ochs S 739
50936
Ochsner A 872
18127
54673
Ochsner J 35934
Ochsner J L 34979
Ochsner S F 872
Ochwadt B 30528
Ocklitz H W 32957
O'Connell A L 47096
O'Connell B A 6634
O'Connell D J 46900
O'Connell D P 51544
O'Connell S 24481
O'Connell T F 25039
O'Connor F M 6
O'Connor G B 5204
O'Connor H 6418
O'Connor H 42035
O'Connor J E 4323
O'Connor J F 49973
O'Connor J M 4323
O'Connor K A 7609
O'Connor M E 20904
O'Connor N 5381
O'Connor R B 2229
O'Connor W 17189
O'Connor W J 20913
20914
20915
O'Conor V J Jr 5923
55030
Ocskowski S 20468
Oda Y 13316
Odaglia G 3595
39360
42226
Odang O 46543
Odaniell J 19086
Odarich L P 32880
O'Day D W 16721
Oddie B C 40146
Oddo F G 9362
Ode 53238
Ode L 21402
28377
Odeblad E 287
11971
51294
Odegard J 52739
O'Dell B L 17808
O'Dell F C Jr 12706
Odell J R 35943
O'Dell R 4672
Odell T T Jr 44147
Odell W D 11612
Odello V 20909
53683
Odencrants G 22131
Odescalchi C P 37438
39364
Odesskaia-Medl'nikova L A 31188
45765
Odesskii I N 31188
45765
Odilón Carrillo J 36841
Odinokova A A 18398
Odintsova N V 45246
Odisio A 30998
Odland G F 16945
Odlum D M 40045
Odlum V J 18758
Odman P 35467
O'Doherty D S 2331
2332
19804
43713
Odom G L 28157
O'Donnell C F 4442
O'Donnell H 50673
O'Donnell J 16220
O'Donnell J F 40516
O'Donnell J M 29309
O'Donnell M M 16545
O'Donnell T V 41834
O'Donnell V J 14617
O'Donnell W E 11590
48410
O'Donoghue D H 19970
19975
52756
O'Donohoe N V 36534
O'Donovan D K 4322
28458
O'Dowd D 17094
Odqvist B 23846
O'Driscoll B J 28454
Odvárková J 38383
Öberg B 35389
Öbrink K J 45361
Oech S R 22089
Oeconomopoulos C T 5714
Oeconomos N 16998
Ødegaard A 45422
Oeding P 40890
Ödman P 12017
35463
46721
Oehlers F A 20153
Oehlert G 6698
10289
Oehlert W 23108
32682
47905
Oehlkers F 34390
Öhman B 5760
Oehme J 18337
Oehmig H 29036
Oehmisch W 38917
Oehring H 33905
Oei H 52518
Oei Eng Tie 38513
Oeken F W 3948
Oelkers H A 36957
Oelofse P J 21834
Oelrichs L 46238
Oelschläger H 13644
Önen K 45441
45488
Önen K H 45442
45486
Ørskov J 23938
Oertel G W 25896
35140
50430
Oertel W 11423
Oeser H 10000
15871
Österdahl F 22124
Østergaard E 22389
Østergaard J 45503
Østergaard-Kristensen H P 46609
Oesterle P 15291
Österlund K 27297
Oestern H F 51280
Oettel H 2722
Oettinger L Jr 28593
Oettle A G 24174
Oetzmann H J 13379
Øyen O 22240
Özaydin S 44740
Özbek A 22373
Özbek A 55083
Özek M 23084
Özek Ö 45433
Özer F 45434
O'Farrell P T 17546
Offenkrantz W G 538
Offer D 27957
Offergeld H 18107
Offret G 26357
Ofner F 18763
O'Foghludha F 4321
Ofstad J 43242
52723
Oftedal S I 45413
Ofteringer K 19038
Ofuchi R 4346
Ofúkaný L 38157
Oganesian L A 21924
Ogasawara K 10871
Ogata K 13777
16465
Ogata N 20109
Ogata S 10859
Ogawa H 16807
16808
Ogawa K 31399
Ogawa T 50944
Ogawa Y 27408
28694
29820
Ogborn R E 52469
Ogburn C A 28429
Ogden D A 48345
Ogden H D 28485
Ogden H S 53739
Ogden R T 35846
Oghina B 18541
Ögi K I 4985
Ogienko N M 13854
Ogier E 21478
Ogilvie C D 16686
Ogilvy W L 38004
Ogita Z 42980
Ogle J D 40541
Ogle K N 11692
17862
47045
Oglesby R 47023
Ogleznev K Ia 22660
Oglietti J M 43890
Ogorelec Z 51946
O'Gorman G 18472
Ogorodnikova L S 34752
O'Grady F 20474
37562
51042
O'Grady J 17939
O'Grady M J 878
Ogren R E 5594
Ogston A G 13690
37060
Ogura I 14905
Ogura J H 6230
51349
Oguri S 7866
20252
20253
Ogurtsova A S 28805
Oh J O 37565
O'Hagan-Ward F A 9826
45070
O'Halloran M J 4319
O'Hanlon F A 31346
O'Hara A E 53716
O'Hara H 36854
Ohara H 49662
49663
49664
O'hara J 50501
Ohara K 4345
20115
20116
O'Hara R S 22080
O'Hara V S 19867
Oharenko L 8521
Ohashi K 51246
Ohela K 43225
54639
Ohki E 14912
Ohkura Y 14920
Ohlander A 50920
50921
Ohligschläger E 27530
Ohlin P 14119
Ohlmeyer P 23630
Ohlsen A S 22393
Ohlsen J E 7268
Ohlson A 2648
Ohlson M A 17073
Ohlsson E 32830
Ohlsson W T 45335
Ohlwiler D A 10120
Ohnacker H 27504
Ohnesorge F K 29907
33975
43019
Ohnishi T 49661
Ohno S 27412
39288
Ohno T 26392
O'Hollaren P 8501
Ohri B B 50611
Ohri S 50611
Ohrt H H 35317
Ohrt V 23859
Ohsumi Y 2825
Ohta G 2829
Ohta R 48930
Ohtomi Y 22609
Oi M 49700
49701
49702
Oikawa T 50944
Oivin I A 52944
Ojanen R 36030
47360
Oka M 32250 32251 35473 44889 52726
Okabe K 17403
Okabe N 42971
Okada T 31392
Okajima M 220
Okami Y 16804
Okamoto H 34174
Okamoto S 11105
Okamoto T 2830
3601

Okamura H 29040 29041
Okamura I D 23427
Okano M 45564
Okano S 18160 18161
Okazaki W 4617
Okey R 50153
Okhotskii V P 18190
Okinaka G J 17323
Okinaka S 435 19790
Okino B 14915
Okita G T 17929 17930
Oknińska A 7814
Okoniewski R 7813
Okos G 52875
Okowa H 20454
Okpala I 55358
Oksala A 669 23871 23874 23886
Oksala T 48692
Oksche A 34411
Oksova E E 34738
Okuda T 2831
Okuda Y 22255
Okulich T A 10809
Okulicz J 7832
Okulov V I 1734 10929
Okuma M 16455 40207
Okumoto M 47025
Okun R 17948
Okunev R A 28814
Okunev V N 10938
Okuneva L A 33633
Okuno T 40207
Okunuki K 1677 29813 29814 52390
Okuyama F 46631
Olagüe Fatás J 18839 18840 18841
Oláh Z 9435
Olalla E 26848
O'Lane J M 40260
Olanesco G 46763
Olariu T 55834
Olaya Restrepo M 13544
Olberg H 39087 46276
Olch P D 48537
Old J W 14752
Olden C 44249
Oldenburg F A 13320
Oldfelt V 32859
Oldfield J E 21707
Oldfield R C 40057
Oldham D Y 10250
Oldham J S 1412
Oldham P D 15051
Oldhoff J 19740
Olds J 50486
Oldt C C 40405
Olea R 21095
O'Leary J L 27322 39188 50910
Oleck H L 40167
Oleinik S F 45225
Olejniczak P 30730 30830 30831 30832
Olejniczak S 47781
Olejnik O 10307 31796
Olekhnovich V I 55201
Oleksy J 24062
Oleński F 8094 20422
Oléron P 25103
Oleś A 28411 31525 31537
Oleszkiewicz L 53181
Olewine D A 12506
Olhagen B 35180
Olhagen L 11983 35180
Olia A 37446
Oliaro T 38824
Oliete Benimeli V 46677
Olinde H D 11794
Olinger S D 10698
Olinto D 51637
Olinto F 39981
Olinto M 8789
Olitzki A L 43517
Olitzki Z 235 3963
Oliva G 29638
Oliva L 1450 1503 6913 42593
Oliva Aldamiz H 31817
Olivari G 37290
Olivé Badosa A 21106 21140
Oliveau-Lebreton G 44993
Olivecrona H 3248 34602 35133 39355
Oliveira A de 50082
Oliveira A C 12562 16817
Oliveira A R de 8782
Oliveira B J 53850
Oliveira C M de 8782
Oliveira D de 53853 53854 53855
Oliveira D S de 18825
Oliveira E de 47299
Oliveira I de 23735
Oliveira J D de 12352 24372
Oliveira J M De 24351 30882
Oliveira J M de 36891
Oliveira M C de 21063
Oliveira N B de 21072
Oliveira P V de 8732
Oliveira S R 36895
Oliveira-Lima A 931
Oliver A 6848 44504
Oliver C P 13267
Oliver E 8848 8851 44507 44516
Oliver L 6152 20480
Oliver L C 20472
Oliver M F 14194 55290
Oliver R 51304 52339
Oliver R A 20711 51030
Oliver W T 12769
Oliver-González J 886 2468 5590 47269
Oliver Pascual E 44504
Oliveri D 42665
Oliverio V T 26462
Olivero S 19162 42498 42529 42541 42543 42622
Oliveros J C 44485
Oliveros M 880 43961
Olivetti M 42546 42646
Olivier C 31100
Olivier G 7054 7059 47348
Olivier H R 4261 47348
Olivier L 2446 50997
Olivier L J 26397
Olivieri A 46484 52118
Olivo O M 9323
Ol'khovskaia I G 31208
Ollagnier C 32058
Ollerenshaw R 14148
Olling C C 196
Ollino P 19239 19240 19241 19242 52104
Ollivier 30440
Ollivier H 251 983 36093 36094 47426 47427 47428
Ollivier Y 42016
Ollstein R N 3005 52654
Olmedo Cruz R 31878 31879
Olmedo Díaz M 37284
Olmer J 42016 42017 51471 51472 51473 54171
Olmer R J 51473
Olmstead E G 49
Olmsted F 2942
Olmsted K E P 4540
O'Loughlin B J 812 17915 34991 48423
O'Loughlin P D 37953
Olsen A 53615
Olsen A M 36282
Olsen B M 7539
Olsen C R 54595
Olsen H 33390 41956
Olsen I A 17373
Olsen S 52717
Ol'shanetskii A A 5988
Olshansky O 19078
Ol'shevskaia L V 13862 55325
Olshin I 7841
Olson E J 46792
Olson E L 40008
Olson F E 24391
Olson F P 50448
Olson G W 16495
Olson H J 13209
Olson J A 40530
Olson J P 50531
Olson K B 8527 52663
Olson L J 5600
Olson M 13489
Olson M E 36704
Olson M S 12462
Olson R 41001
Olson R E 30489
Olsson O 42519
Olsson O J 11880
Olsson S E 46662
Olsuf'ev N G 45633
Olszewski J 38020 52573
Oltean M 17171
Olters E 3272
Olthof G K 43065
Oltramare J H 32099
Olum V 33556
Olwin J H 8661 10323 13003 39553 54783
O'Malley C D 28393
O'Malley E 28462
Omar W 15195
O'Mara T F 46901
Omardeen T A 52407
Omarova V A 49425 52957
Omata R R 50330
Ombrédanne M 25479 25480 36159 36160 36161 36162 36166 47465
O'Meara D C 21976
O'Meara M P 4854
O'Meara R A 16396
Omel'chenko V M 18260
Omodei Zorini A 930 9303 24918
Omololu A 4792
Omori N 55433
Omori T 4335 4337 45592
Omtvedt P 43208
Ona V 12978
Onacs N 23171
Oncley J L 40503
Oncu V 25467
Ondarza R von 18951
Ondash B S 54693
Ondrouch A 11845
O'Neal M A 41189
O'Neal P 12608
O'Neal R M 14993 35642
O'Neil W M 31557
O'Neill D 29334
O'Neill F E 22169
O'Neill H F 13245
O'Neill J J 5847 18100 28276
Onesti R 9386
Onesti S J Jr 9973 12264
Onetti C M 39096
Ongley P A 445 20258
Onicescu D 9459
Onikienko A Ia 22683
Onley J W 777
Onnis A 9315 21453
Ono K 4864 26785 48935
Ono T 16462 18175
Ontko J A 5538
Onuigbo W I 14255
Onuktav T 22376 22380
Oó M 20173
Oomen H A 7285 15756 36185
Ooms H 26727
Oomura Y 16468
Oono T 20118
Oordt G J van 35078 46683
Oosterhuis K 29944
Oosterkamp W J 2135
Oosthuizen S F 9814
Oota M 22264 22265
Opaleva E F 46822
Opalko S 30816
Opara Z 30894
Opatrný K 41649
Opderbecke H W 38442 38972 38983
Openshaw C R 50672
Opheim J T 16559
Opie L H 18377
Opie R 37328
Opinsky M 16602
Opitz H 30582 32263 43575
Opitz K 29924 33977 38944
Oppedal M 23964
Oppel G 46845
Oppel' V A 45653
Oppel' V V 1730 45654 55173
Oppenheim A 24203 24204 30182 35762
Oppenheim H 39299
Oppenheimer G D 5933
Oppenheimer J H 25048
Oppenheimer M J 560 810 35795
Oppermann A 13017
Oppermann H J 51844
Oppermann W 23075
Oppolzer R 45940 45945 45976 55386
Oppit J 14773 14844
Opreanu I 31132
Opreanu O 55726
Opresco I 19769
Opresnik J 45516
Opriziu C 9247 52847
Opsahl R 10371
Orabona M L 37383 42662 42682
O'Rahilly R 50053
Orallo M O 55040
Oranskaia V P 43548
Oratz M 4853
Orbach E J 13010
Orbach J 34896
Orbán G 23741
Orbán L 4136
Orbán T 10275
Orbison J L 23466
Orbrecht P 38955
Orcel L 24223
Orchard N P 36533
Orchinik C W 20849 27035
Ord M G 52338
Ordell I B 22129
Ordis Vila A 23910
Ordman D 4255 9815 9829 45058 54515
Ordóñez Acuña A 27527
Ordonneau P 53370
Ordynets G V 46317 52968
Orecchia C 44817 44818 47815
O'Reilly P O 2613

O'Reilly W R 38609
38610
48784
Orejudo G 31931
31932
Orekhovich K D 22654
Orekhovich V N 33453
37143
Orell S R 19942
Orellana R 13523
Oren B G 28167
Orengo F 8866
Oreshko V F 39597
39599
39607
Oreshkov V 32739
Orestano G 39315
Orfei Z 31710
31711
31712
53829
Orfila J 15127 26767 26769 26824 26857 31918
Organ C A 155
Orgel L E 1662
Orgell W H 21711
Orgeron E A 33882
Oria M 6814
Oricchio N 21463
Orimovich G I 49794
Orinius E 918
919
Orio J 13034
13035
Orioli F 43127
Orioli F L 12932
28304
Orkin L R 52656
Orkin M 19
11581
28439
Orlandi C 9400
25709
25719
Orlandi F 19175
Orlandi G 27365 27367 47819 47821 47823
Orlando A S 15529
Orlando E 3886 3870 13935 32592 36797 39645
Orlando R 24463
Orlandoni A 37432
42758
Orlans E 17884
Orlans E S 4161
19686
Orleans S 2842
Orlikowska W 43631
43664
Orloff J 50452
Orloff M J 25040
Orloff T L 12661
Orlov A S 6637
37130
Orlov A V 45861
Orlov R S 49566
Orlov T K 12128
Orlov V V 15762
45701
Orlova L V 25913
Orlova N S 34745
Orlova O K 1721
Orlova T G 34638
Orlovskaia E P 45248
Orlovskaia G V 36884
Orlow G 29516
55718
Orlow G A 33703
Orłowska I 31526
Orłowska K 43677
53157
Orłowski M 6879 8070 8087 43680 53163 53179
Orłowski W J 28846
Orma H 23866
23884
Ormaechea C 25942
Ormea F 3999
46655
52101
Ormerod W E 17302
Ormos J 7717
11199
Ormrod J N 2097
Ormsby H L 47063
Ornatskii V V 33590
Orndoff B H 31644
Ornst L 38289
Ornstein G G 39158
Oropeza R 54695
Oros M 981
Oroshnik W 24562
Oroszlán L 52915
O'Rourke J 14157
O'Rourke J J 35742
O'Rourke P V 41453
Orovecz B 19743
Orozco R 8909
Orr L M 16652
17296
55418
Orr T B 50100
Orrego A 8691
Orrego H 8906
Orrego Matte H 8915
21200
Orris L 5438
7450
Orsetti A 54891
Orsi E V 3512
Orsi N 13344
Oršić J 27738
Orsini A 8879
30440
Orsini A 30449
30475
Orsini F 25097
25102
Orsini O 13618
Orsini W 20655
44419
Orsola Martí I 13538
Országh J 38293
Ortavant R 38684
Ortega M 3684
Ortega Núñez A 53909
Ortel S 3216
15339
34510
Ortelee M F 11609
Ortenzi E 52933
Orth O S 46055
Orthner H 27173
52570
Ortiz A 37248
Ortiz F E 43879
Ortiz de Landázuri E 8794 21102 53892 53925 53926
Ortiz de Zarate J C 20659
Ortiz Manchado O 2954
26680
Ortmann R 34226
Ortolani C 44826
Ortolani M 25703
Orta Llorca F 46546
Ortúzar R 44567
Orunesu M 1885 1886 1887 1888 37401 37402
Orvoen 43763
43764
Ory E M 19853
54860
Ory M 21324
50351
Orzack L H 691
Orzalesi F G 47070
Orzalesi N 1104
Orzechowski G 6700
29428
Orzeck A Z 12596
Orzheshkovskii V V 45182
Osada R 16442
Osada Y 16441
Osadchii D R 10898
Osadchii L I 1748
Ošancová K 48633
Osawa S 3492
Osberg J W 24589
Osborn E 6452
Osborn G R 28293
31268
Osborn J 1243
Osborn J J 12206
24405
Osborn M J 16925
Osborn R A 33666
Osborn S B 8026
32688
Osborne D P 46525
Osborne E D 23371
40290
Osborne G 26097
37621
Osborne J A 12553
Osborne J C 12749
Osborne M 31304
Osborne R H 546
35726
Oscarsson P N 7488
Osche G 55570
Oseasohn R 555
Osebold J W 48981
Oseglia G 29674
39518
Osepian I A 49557
Osés Jusué J 44523
Osetowska-Więckowska E 32176
Osgood C E 4376
Osgood E E 12272
Osgood P R 14342
O'Shea J J 31613
O'Shea L 17544
Oshida K 49700
49701
Oshima K 28694
Oshima S 24728
Oshmianskaia A I 33594
Osiecka H 28851
Osima B 1911
31671
Osipov B K 18182
Osipov D A 2782
Osipova S V 37208
Osipova Z V 45119
Osipovich Zh S 47884
Oskam H J 25147
Oski F A 53013
Oskolkova M K 53036
Osler A G 47903
Osler M 35111
35112
Oslet-Conter J 17928
Osment L S 17675
20516
Osmond H 48483
50912
Osmun P M 614
Osnes M 52737
Osnes S 26127
Osnitskaia L K 19127
Osoba D 26420
Osogoe B 20111
Osol A 47092
Osorio C 19548
Osorio J A 24044
Osowiecki M 38651
Ospina Archila J 8894
Ossandon M 21189
Ossenbach H 37005
Ossenfort W F 29317
Osserman E F 4874
Ossipowski B 2380
53425
Ossorio E D 11543
Osswald H 1574
Osswald W 13639
53200
Ostapchuk A D 45232
Ostapiak M 40902
Ostenfeld I 30220
Oster H 22202
42867
Oster I I 34377
Osterberg A C 17935
Osterczy Z 53182
Osterloh G 1579
Ostertag B 34208
Osteux R 13753 26829 37805 48823 48839
Ostfeld A 8424
Ostfeld A M 29269
46452
Ostino G 52009
Ostoja A 29679
29694
Ostojić B 21957
Ostow M 28030
Ostroff G 31397
Ostrom C A 5187
Ostroukhov A A 36374
Ostroverkhov G E 41564
Ostrovskaia N N 1723
19112
Ostrovskii V Iu 18267
Ostrowska-Kryslak B 29497
29498
Ostrowski K 32177
53173
Ostrowski W 19577
Ostryi O Ia 7797
33461
Ostyn M 182
O'Sullivan D G 199
42953
O'Sullivan W D 5724
O'Sullivan W J 37879
Osvetimskaia N P 39345
Oswald N C 26101
46309
Oswald W 35259
Oszacki J 30694
Oszast Z 44182
Ota K 42962
Ota Y 55432
Otamendi B 7581
30241
Otermín Aguirre J A 21798
Otero F 22273
Otero Gómez-Quintero M 23907
Oth A 1675
1676
Otsetov Kh 28778
32828
Otsuka M 30502
Otsuka R 39367
Otsuka S 17780
Ott A 23749
41707
52266
Ott D 27903
Ott E 40187
Ott H 6681
11276
39247
Ott P 10016
45260
Ott R L 4628
16763
Ott T 12959
Ott V D 33493
Ott V R 4055
10283
Ott W 27833
55584
Ottaviani A 42747
Ottaviani P 3855
16025
26632
44176
Otte P 34274
Ottenberg P 20875
Otter G den 19720
Otter I K 7178
Otterland A 22136
Otterloo H J de mol van 29968
Ottinger R 13481
Otto A 46115
Otto E 19330
34611
Otto H 1592 11186 11214 22948 22959 34042 46109 46115 46131 51810 51822 55474
Otto H L 40301
Otto K 11355
38910
Otto W 15325 34035 38929 49007 49013 51842 55443
Otto-Bendfeldt E 1592
51822
Ottoboni A 3595
53710
Ottolenghi C E 1838
9281
25946
44401

Ottolenghi F 20970
Ottolenghi P 14610
14611
14612
14617
Ottonello P 53750
Ottoson D 324
5794
15705
Ottoson R 28278
Ottum J A 23433
Otturi J E 9746
Ou L C 21726
Ouchteriony Ö 8326
23939
Oudet P 18017
43773
54601
Oudin J 28427
40903
Oudkerk S 25683
Oudsten S A den 10959
Oulerich F 55115
Ouradou J 6382
18632
Ouředník A 21556
Oury P 53380
Ousset 17662
Ousterhout L E 47631
Oustric J D 42422
Oustrières G O 9023
Oustrin J 26950
Ovary Z 8332
17412
31414
50009
Ovazza M 1041
14457
Ovcharov R 32753
Ovcharova E S 12154
Ovchininskii N N 41529
51186
Ovchinnikov Iu M 54570
Ovchinnikov N M 22496
45646
Ove P 4758
4759
17247
44971
Ovedoff D L 45056
Qvenfors C O 2906
Overall J E 4937
23280
50492
Overbeck L 33953
Overeli B G 28611
Overend W G 53486
Overholser W 8379
40169
47164
Overman J R 42
5266
31418
Overman R R 46092
Overrath H 10547
Overstreet J W 35933
Overton P R 42843
Overton R C 35936
Overton R C Jr 35933
Overton R K 50491
Overzier C 18331
36491
Oviedo R 36337
Ovshinsky S R 5465
41918
Owen C A Jr 4849 29756 43711 43729 41039
Owen C R 17482
30923
Owen E C 2084
Owen F B Jr 1441
Owen J A 355
29834
37679
38525
Owen J A Jr 49175
Owen J E 14578
Owen J E Jr 8353
13433
Owen J M 20373
Owen L A 11093
Owen M 509
14141
51301
Owen O E 10496
22321
Owen R D 44118
Owen R E 24481
Owen S E 7025
7028
Owen S G 28981
51342
Owen T V 51885
Owen W E 55020
Owens F J 30924
Owens G 19801
27321
Owens H 6237
Owens H F 70
Owens J C 44851
Owens M 29830
Owens O V 2703
Owens P N 13905
Owsley J W 18123
Oxford A E 5092
40837
40853
Oxorn H 35744
Oyama K 22263
Oyama T 53645
Oyamada A 33104
Oyanguren H 4236
Oyen F 12221
Oyen I H 16707
Oyenuga V A 30233
Oyer H J 5847
Oza J L 27976
Ozaki J 48930
Ozanics V 47038
Ozasa S 4345
Ozawa T 435
Obegović L 19457
Ozeki I 18175
Ozeran R S 13313
Ozeretskovskaia N N 18876
21895
45147
Ozeretskovskii N A 36404
Ozerianskaia R T 31203
Oziemska-Łozińska H 29502
Ozima A 24109
Ozog S 36345
Ozzello L 708
41186
Paalanen A 24795
36008
36047
Paasonen M K 24005
24820
24821
49203
Paatela M 21986
52743
Pabiotti R 15492
Pablos Guirao 10400
Pabst 2420
Pabst H 11227
Pabst H W 1587 32704 36467 42898 52207
Pabst Y 21179
Pac F P 4843
Pacchiani G 21496
Pace W III 5931
Pačes V 45575
Pacheco C 8927
Pacheco C R 27526
Pacheco G 16147
Pacheco H 37845
Pacheco Olivera M 1561
Pachedzhiev L 41575
Pachner P 38358
Pachtman E A 24599
Paci P 3864
Pacilio G 52059
Pacilli N 7725
Pacini R 4448
Pack G T 11806
23502
52684
54655
Packard E N 10418
Packard L A 39300
Packchanian A 10247
Packer H 3359
Packer L 25411
39280
Packman E W 4559
40372
40380
40381
Pacovský V 26514
26553
38120
Pacséri I 28407
Pacy H 6469
42103
Paczos E 53143
Paczyński A 30840
Padányi A 20170
Padawer J 39282
Paderina P P 3809
Padgett B L 17249
Padgett C A 54403
Padhi R 50604
Padhi R K 25052
37997
Padilla T 8703
Padilla Antoni F 43853
Padilla Galan E 51670
Padilla Manzuco J M 44539
Padmavati S 40084
Padoa E 9941
Padolecchia N 44174
Padorno A O 21034
Padorno E A 21035
Padova A 6819
Padovan Q 25689
25707
Padovani 41401
Padovani E 15029
Padovani P 21229
Padowetz W 9549
21599
Padritge R 47755
Padula L J 39155
Paerels G B 19664
Paerregaard P 23998
23999
Pärtan J 22897
22900
Paes W 13613
Paesi F J 304
13447
35104
46593
Päsaler H W 6704
22751
23169
35992
Pätiälä J 7480
49202
Paez Allende F 15509
32464
Pagan-Carlo J 12665
47218
Paganelli A 19214
Pagani E 6284
Pagano P J 29321
Page A 38016
45542
Page E W 20083
Page G 12844
Page H M 12499
Page I H 756 2912 4016 9558 12510 15009 28144 50536
Pagel W 4250
Pagenkemper F E 1393
Pagenstecher H 27740
Pagès A 7053
18008
19346
Pagès F 31063
37880
Pagès J C 26803
26908
26909
Pages P 25444
54896
Paget G E 5648
29824
Paget J F 27082
Paget M 24770
24781
51139
Pagliaro L 13946
13947
Pagni C A 20998
54101
Pagni E L 30245
Pagni G 27616
Pagnotta G 23754
Pagnotto L 46885
Pagny J 54890
Pagola 1824
Pagola J G 37262
37266
Pagot 47459
47460
47461
Pahl H B 10198
Pahl R 39544
Pahlas C J 9841
Pahle H 10622
52717
52727
Pai M L 4184
16302
16329
Paidoussis M 10954
Paikov N G 33270
Paillard J 9139
Paillard R 43754
Pailias J E 19774
19775
44729
51469
Paillat P 48962
Paillot J 9231
Paillot J 42443
Paine A L 923
Paine C G 17833
Paine D H 37736
Paine J R 7264
29925
Paine K 41214
Paine R S 52588
Paintal A S 17958
Painter J M 40275
Painter J W 55281
Painter R B 51310
Painter T S 43144
Paixão J R 53935
Pajantić S 51725
Pajares J M 53953
Pajor R 51269
Pakesch E 55382
Pakesch F 41769
55365
Pakhomychev A I 3808
Pakkenberg H 35021
Pak Poy R K 701
25775
Pakshin M F 45241
Pakter J 12405
Pakula R 34502
54389
Pala G 27434
Pala P 53787
Palacio J 53349
Palacios R M 53353
Palade G E 16949
Paladini A C 50729
Paladini G P 32474
Paladino J 27203
Paladino S 42194
53824
Palafox M 48771
Palamidessi C 3722
Palay S L 15695
Palayer P 26756
Palayew M 14712
Palazzi A 36586
Palazzi H M 32685
Palazzoli A 1998
Palazzoli M 24776
31098
Palazzuoli M 32150
Palchetti G 36782
Paldi A 49036
Palec R 2792
38354
38359
38360
Paleirac G 54312
Paleirac R 42535
44677
Palenčár J 38256
Palenčár A 49126
Palenzona C 20612
38824

Palermiti F M 24998
Palesi S 14525
29710
Paletta F X 5201
Paley R G 26109
Paley S S 30153
30160
Páli K 41989
Paliard F 18562
Paliard P 51399
Palich-Szántó O 43345
Palii A P 9884
Palii E T 12109
Palin A 14144
Palitz L L 38840
Palitzsch D 15328
Paliwoda T 20416
43648
Palka H 11378
Palla L 53804
Palladino V S 884
Palizvicini O 8169
Pallestrini E 42728
Pallette E C 4446
Palliez R 8241
26230
27721
Pallin I M 12978
Pallotta G 24925
Pallotti C 47803
Pallucchini M 13659
Palm B J 46879
Palm D 29897
Palm E 14111
Palm G 23167
Palma E 25940
35408
Palma E C 25944
Palmén K 12006
Palmer C 34994
Palmer C E 556
Palmer C G 7232
Palmer D F 16775
Palmer D H 16203
Palmer E 3708
Palmer E D 15947
27529
45556
49691
Palmer G K 32867
35665
Palmer H 41891
Palmer H D 14159
Palmer I 11883
Palmer J A 2642
Palmer J D 38000
Palmer J K 9554
Palmer J M 18095
Palmer J R 886
Palmer L S 24705 20833
Palmer P E 17280
37617
Palmer R 3133
3708
26251
26252
Palmer R F 11535
44951
Palmer R W 17460
Palmer W L 50217
Palmer W T 26107
Palmgren A 23793
Palmieri A 1983
Palmieri A P 26654
Palmieri G 8704
Palmieri G C 52094
Palmieri G C Jr 2499
2501
Palmieri G G 9980
Palmieri V M 15785
Palmisano L 8049
Palmrich A H 22849
Palmstierna K 45049
Paloma E J 3311
Palomba R 42432
Palomby L 20209
20216
43472
Palomer J 23911
Pálos L 52913
Palotay J L 4641
Pálsson P A 14100
Palumbo L T 862
Paluska E 38152
Palussiere 5319
Palva T 276
3367
35295
35307
Pameijer J K 7344
Pampari D 5868
42537
Pampiglione G 5497
16000
Pampiglione S 7517
52777
Pamplona P A 24206
Pampus F 19389
38423
38430
P'an C 2859
20755
P'an C H 2855
9607
Pan C T 12356
P'an C Y 14942
Pan P C 21725
P'an S Y 13342
Pană C 24929
34441
Panabokké R G 5645
Panagopoulos A P 24688
Panait G 9466
Panas S 53188
Panasewicz J 20448
24060
32178
Panchenko K P 45165
Panchenkov R T 41523
Pancheri G 8616
Panconesi E 32596
Pandele A 9483
Pandey K K 54583
Pandeya S N 17451
Pandolfi C 13988
52023
Pandolfo L 13962
37492
Pane A 23755
23759
23760
35159
Panebianco G 30353
52938
Panecka A 30698
Paneva-Kholevich E 28733
Panfilov Iu A 45203
Panfilova V P 53043
P'ang H W 14942
Pang L S 17881
Pangborn R M 4426
Pangels G 46595
Pani A 35161
Pani K C 24434
Panichi S 6950
29635
Panikarovskaia G V 7887
Paniukov A N 37132
Pankamaa P 24799 24802 36023 36031 36032
Panke W F 22097
Pan Kia-Yin M 8316
Pankiewicz F 10294 11143 15466 49051 55471
Pankova Ia V 55202
Pannacciulli I 27767 29712 36737 36756 39763 42623 44177
Pannarale M R 13939
Pannekoek J H 7334
Pannella A 54206
Pannese E 9765
55609
Pannhorst R 39071
Pannuti F 47819
47821
Panoš J 31798
Panos T C 43501
Panov A G 34703
Panova Iu M 18246
Pansa E 25550
Pansadoro V 8060
Pant K C 5178
Pantaléon J 26350
Panteleev D L 55859
Pantev I 32740
32795
45309
Panteva L 28705
28741
Panthier R 14447
Panthu J J 54058
Pantin J P 402
24264
Pantlen H 52195
Pantone A M 8558
Pantsyrev Iu M 5981
Pantzer M 6589 43995 43997 43999 44003
Panusz H 8098
Pany J 46026
Panzani R 43972
Panzetta A 6278
Panzetti G 2964
Panzram G 15374
19433
42915
Paola D de 13588 15954 36894 55041 55629
Paolaggi J 54444
Paolantonio G 8059
30673
Paolantonio U 8059
30673
Paolella A 20991
44350
Paoletti A 36231
52054
54236
Paoletti C 9011
15123
54298
Paoletti G 1985
42710
Paoletti I 24966
Paoletti P 36564 36612 37453 37454 49368 52105 52106
Paoletti R 1605 13965 36564 36612 37453 37454 49368 52105 52106
Paoli J 18009
Paolino W 35153
42602
55087
55088
Paolucci R 40963
Paopiczy A 11411
Papa A 29566
36967
Papadakis A M 22301
Papadatos C 20778
Papadia L 1934
19259
19262
26593
Papadopoulos N M 26280
Papageorgiou A 35595
Papagni L 7734
Papahagi E 9458
43993
44005
Papaloucas A C 25994
Papamilitiades M 24150
Papanek H 47199
Papanicolaou G N 645
24127
24164
Papanicolis I 42501
Papapanos G 28893
51242
Papastamatiou J 6181
Papastrat C J 36339
Papatheodorou C A 5411
Papavassiliou J 3116
Papazian R 27444
44004
44010
Papazov G 45280
Papee R 49010
Papermaster B W 40817
Papilian V V 9469 11143 22972 31129 31142 31144 55471
Papillon J 36652 41141 41397 41398 41399
Papineau-Couture G 29816
Papka G F 18205
Papko G F 45105
Papkoff H 28256
Papliński Z 20424
Papo I 21943
37164
51984
Papolczy A 18593
51438
Paporish S D 45176
Papp A 37010
45475
Papp C 14250
Papp M 24017 29157 29174 29180 29181 52370 52894
Papp S 11399
18594
20171
Pappalardo M 9423
21455
Pappanikou A J 46975
Pappas B A 40370
Pappas E G 24338
Pappas G D 16963
24575
Pappenheimer A M Jr 28336
Pappenheimer J R 12503
31455
Pappenheimer J R 39219
Papper E M 30150
Papper S 17072
29254
51672
Papperman S M 5709
Pappo A 36624
Paprocki J 8751
Papst W 51249
Paque C 25453
31082
42013
Paquelin 1020
Paquin A J Jr 36322
51917
Paquin E J 42846
Para H 44553
Paracchi P 6857
Parada J 3261
6077
46601
Parade G W 4056
Paradelo C A 20055
30244
32436
Paradise N 5025
Parazense W L 12908
Paraf A 26900
38635
47408
Paraicz E 39733
39735
Paraíso H P 8730
Parakhoniak V I 6004
Paramelle B 26678
Paramo P G 41468
Paramonova E G 33627
33629
Parano G 6788 39674 39676 39688 39689 39690
Parant M 48834
Paraschivesco E 21384
Parato V 6836
29596
Parcells A J 28255
28256
Parchwitz H K 9990
46177
Pardal E 35409
Pardee A B 47709
Pardelli G 39358
Pardera G 32140
Pardiñas R 43930
Pardo E G 21158
Pardo-Castello V 54531
Pardo Gomez G 13547
Pardo Menéndez V 25934
Pardon N 13474
47761
Parducci A 4943
Pare C M 29003

Pare C M 50857
Paredes C 30238
Paredes J R 7591
Paredes L 8914
Paredes R 12522
Pareira M D 22019 22024 22075 23474
Pareth J G 4188 4189
Pareth J G 40088
Parenetto F 5407
Parent C 17045
Parente A G 8712
Parentela A 25541 25545
Parenti A N 16493
Parenti B 3723
Parenti G 26598
Parenti G C 42582
Parenti M A 1894 42963
Parer 17994
Parés-Farrás R 8857
Paressant J 36646
Paretsky D 5186 13393
Paretti E 32162
Parfentjev I A 5185
Pargiter R A 49197
Parhofer R 7081
Parhon C I 9242 9473
Pariente M 54844
Pariente R 49645
Parigi A 6951 29713
Parikh C C 4206
Paris P 20825
Paris V V 52973
Parisa N V 11473
Parini F 8667
Parinkina O M 19105
Paris A 1027
Paris J 8241
Paris R 1044 1052 1053 1065 13094 24902 36177
Paris R R 48807
París Romeu F 29364
Parisel F 2299 37764
Pariser H 15 45802
Parish C 10534 35979
Parish F A 6527
Parisi A R 30165
Parisi E 6246
Parisier H 168
Parisoli U 2964
Parisoli U 42537
Parisot J M 54042 54044
Parisot T J 47902
Pařízek J 19492
Pařízke J 38227
Pařízková-Čapková J 38216
Park A M 52572
Park C R 35811
Park H M 46862
Park H W 18019
Park J H 16928
Park R G 30197
Park S D S 14030
Park W W 5638
Parke D V 37075
Parker A J 49657
Parker A M 7456
Parker B 44265
Parker B M 17580
Parker C A 13781
Parker C J Jr 17800
Parker F L 23332 23333 27810
Parker F M 5272
Parker F S 32350
Parker G 42137
Parker G F 43321
Parker H 4648
Parker H L 31469
Parker H M 40508
Parker H V 6749
Parker M A 37085
Parker M J 40496
Parker R A 5657 54596
Parker R F 16944 25410
Parker R G 1409 12679 44091
Parker R L 2896 14074 23395 31247 38838
Parker R T 12423 38564
Parker S 17687 17791
Parker T 18089
Parker W H 17106
Parkes A S 7947 40794
Parkes D C 11534
Parkhill E M 47044
Parkhomenko G M 39611
Parkhomenko M E 22550
Parkinson C E 12671
Parkkulainen K V 24790 24791 24892 47494 54665
Parks J 3025
Parks J J 548
Parks M M 15045
Parks M M 23430
Parks R V 16366
Parlato H A 27066
Parlier R 9853 15213 45012 47349 53441
Parmala M E 21994
Parmeggiani G 25623
Parmelee A H Jr 5365 23506
Parmenov V I 41543
Parmentier-Beloux M 20681
Parmet M 51891
Parmiani M 1932 1933 14014 14015 25711
Parmley L F 2889
Parnas J 20187 25259 30765 31512 31514 31517 31521 31534 34086 42998
Parnaud E 1457 30970 54445
Parnell B L 25929
Parodi A 42604
Parodi A S 15510
Parodi F 18530 53239
Parodi L 4820 6413 42033 51517
Parola P L 23645
Paroli A 21111
Parolla D I 48027
Paronetto F 27360 37348 37349
Paroszkiewicz M 31517
Parow J 25787
Parpart A K 13006
Parr E A 48315
Parr F 1319 12077 13351
Parr L J 2083
Parra Romero J 51667
Parran T 20881
Parravicini F 1519 7737
Parrel 32872
Parrella M 1532 36829 36831
Parrilla Hermida M 29352 29356
Parrillo O J 29928
Parrino P S 40332
Parrish A E 13184
Parrish D 32691
Parrish D B 41226
Parrish H M 4114
Parrochia E 21199
Parrot H 41096
Parrot L 36541 36543
Parrott D 13413
Parrott D M 10062
Parrott M W 8536
Parrott R H 15042 15046 38609 48783 50186
Parry C B W 36291
Parry E H 10539 14232
Pars B 32997 32998 46489
Parsadanian R S 9910
Parshin M I 34613
Parshina R V 55234
Parsloe C 44471
Parsons B J 51088
Parsons D S 47977
Parsons F M 2192 5575 18444 37673
Parsons H 1186
Parsons H M 41057
Parsons I C 13673
Parsons J 15661 39939
Parsons L Jr 43143
Parsons O A 19789
Parsons P A 7144 27561 52354
Parsons P J 46847
Parsons R 42984
Parsons T 31543
Parsons T C 46446
Parsons V 28968
Partanen C R 21699 52333
Partilla H 11027 26489
Partington P F 10076
Partridge E 42171
Parvais 18610
Parvais P 18615
Parys G 36198
Parzer J 22976
Pasamanick B 809 23409 41198 53618 53620 53623 53625
Pasanisi A 42510 42511 42512
Pasargiklian E 52066
Pascal E 27654
Pascal G R 5063
Pascal J 3041
Pascalis G 32004 32005 53431
Pascaud M 38658
Paschke H 15313
Paschkis K E 2677
Paschkis K E 26446 26456 35108
Paschold K 23187 37759
Paschoud J M 3987
Paschoud-Farquet J 54900
Pascoe-Dawson E 48523
Pascoli F 15895
Pascoli S 3641
Pascual T 13541
Pascualucci M E 21169
Pašek A 28409
Pasero G 7660 19235 29703 31678
Pasetto N 36774
Pasha M A 48305
Pashkov B M 9847
Pashkov N 41576
Pasieka A E 4763
Pasik P 4930
Pasik T 4930
Paskie I F 55777
Paskovi Z 14778 14844
Pasman R E 1839
Pasqual H N 20142
Pasquali P 3729
Pasqualini C 25706
Pasqualini J 15082
Pasqualini R Q 35134
Pasqualino A 13950 24934 29859 37151 37159
Pasquet P 35604 35606
Pasqui E 32167
Pasqui U 27633 39677
Pasquier C M 32906
Pasquier C M Jr 33092 41076
Pasquier J 18558 54336
Pasquier J F 55796
Pasquill F 40141
Pasquinelli F 8593
Pasquini A T 30994
Pasricha S 4183
Passalacqua F 9326 15854 42585
Passananante D A 8725
Passananti G T 17824
Passebois 18637
Passelecq J 9007 29045 42506
Passeri A 8468
Passeri A 20905
Passeri M 3879
Passmore R 20910 20912
Passmore R G 7253
Passos A C 53889
Passouant 44657
Passouant P 7757 44722
Passouant-Fontaine T 7757 15137
Passow A 19397 19417 19441 30521
Pasteels J J 16952
Pasternack A 47491
Pasternak C A 37127
Pasternak N A 36375
Pasteur F 14375
Pastina S 21464
Pastinszky I 13881 37235
Pastinszky S 12186 27112
Pastor B H 19873
Pastor E M 21118
Pastore J O 9260
Pastori M 51978
Pastrana Borrero H 21245
Pastras T 12318
Pastuszanka S 30801 30802
Pasynskii A G 47994
PasYotis F 52814
Paszkiewicz A 29495
Pásztor E 40050
Pasztor P 45019 45020
Pataky J 34039 43444
Pataky Z 55711
Patanè E 25582
Pataro V F 31018 35994
Patau K 48697
Patchett A A 44974
Pateisky K 22745 33852 55372
Patejdl Z 38114
Patel C 4773
Patel J C 4190 4194 40095
Patel J L 40360 50257
Patel M 20806
Patel T B 4200
Patel T V 16302
Pateiski J 30807 32269
Paterni L 3596 27457

Paterson A B 22325
50475
Paterson D 48528
Paterson D E 17281
37610
40657
Paterson E 17279
25993
32432
Paterson H E 24694
Paterson J C 138
139
6065
6502
Paterson N F 30362
Paterson P Y 47571
Paterson R 18416
Paterson S 32509
Patetta-Queirolo M A 951
24041
Patey D H 14204
18439
Pathak C L 4202
12491
36571
Pathak S P 13706
Pathania N S 2156
Pathé G 42018
Patin R 43774
Patočka F 26561
28398
28423
Patoir G 28680
Paton B C 18060
Paton D S 18052
Paton W D 8327
35937
41336
Patras D 47083
Patrassi G 9590
29612
Patri A 25469
Patriarche G 28606
Patrício L D 53847
Patrick A D 19466
Patrick B S 4447
Patrick R 29043
Patrick R T 47329
Patrick S J 12884
Patrignani S 44322
48751
Patrnogic J 9057
Patroni N 52058
Patrono V 49589
Patsch J 22885
Patscheider H 27134
Patsiora M D 8003
41524
Patt D I 10502
Patt H M 20758
31491
Patt P 6700
13649
Pattarin L 36790
Pattavina C 37477
42629
Patte J C 44623
Pattee H H Jr 21691
Patterson C H 12631
17145
Patterson D F 16773
Patterson D S 22325
50475
Patterson E L 17907
Patterson E S 71
Patterson H A 50687
Patterson H C 27058
Patterson H W 23342
Patterson J A 40349
Patterson J B 20391
Patterson J C 28956
Patterson J M 47721
Patterson L T 22046
Patterson M 45385
49724
Patterson R 52837
Patterson R E 24505
Patterson R M 41196
53620
Patterson R W Jr 51156
Patterson S 54284
Patterson V 31547
Patterson W R 28098
Patti M 19215
24947
36208
Pattinson J N 14241
37621
Pattle R E 11533
Patton C J 52801
Patton J D 43255
Patton J F 55027
Patton R 26288
Patton R J 40060
Patty F 12243
Pattyn S R 1085
Patwardhan V N 4230
15756
40082
40083
Patyk S 33723
33760
Patynski J 38475
Patzer H 29479
Patzig B 26988
Pau H 28864
Pauchant M 32917
41364
Paucker K 10862
10863
Paufique 26371
Paufique L 17492
Paufique L 24880
26367
26369
Pauker E 50792
Pauker J D 40802
Paul B D 24643
Paul D 40923
Paul G 46430
Paul H 38943
38952
Paul H L 25319
Paul I H 50281
Paul J 1647
19532
34105
Paul J R 550
10414
26402
33037
Paul K G 11910
49356
Paul L 34901
Paul M 37642
37658
Paul M H 30413
Paul R 17336
54897
Paul R H 48502
Paula A de 8761
21057
21080
44463
Paula e Silva P de 436
26508
26509
46872
Pauleikhoff B 25394
42335
52557
Paulet G 3103
31040
Paulett J D 14316
Pauli A 18080
18081
53026
Pauli H 26485
39932
Pauli H G 28946
Pauling L 21716
Paulini E 2451
Paulino F 8748 16119 39985 44435 44438 44441 44442 44443 53858
Paulino M P 53872
Paulino Filho A 44440
53861
Paulissen L J 17481
Paull A M 21409
Paullada J J 27582
Pauls H W 52222
Pauls J F 16695
Pauls M D 35342
Paulsen C A 16561
17043
Paulsen E C 20793
Paulsen E P 30098
53002
Paulsen K 34425
Paulson G 19860
Pauly H 3276
34560
36498
Paun C 47487
Păun L 6585
Paunesco E 13032
Păunescu C 31137
Păunescu-Podeanu A 31131
44000
43996
43998
Paunescu-Poe 44000
Paupe J 15200 15204 15224 26798 26977 27489 27491 32392 48951 51508
Paus B 22239
45414
Paus W 42332
Pauschinger P 28950
Pautard F G 19514
Pautov N A 45717
Pautrizel R 9075
9629
26772
Pauwels F 29056
44879
44881
Pauwels G 11830
Pav D 18114
Páv J 48635
Pavans de Ceccatty M 15139
Pavcek P L 28119
Pávek K 2742
Pavel D 9465
Pavel I 7095
9465
21755
51812
Pavel V 43998
43998
Paver H 50474
Pavero A 1510 36744 36746 36747 36750 56751 36768 53838
Pavese E N 39095
Pavic R L 11580
Pavilanis V 2570
14660
26416
Pavlik I 24303
Pavisic Z 14487
Pavkina A G 46810
Pávková L 36226
48582
48607
Pavlanský R 38113
Pavlatou M 13046
21314
Pavliukoits V A 51184
Pavlonskii Ia M 21898
22669
34747
Pavlotzky M 25940
Pavlov B V 49528
Pavlov G T 13851
Pavlov K 16430
32750
55663
Pavlov P V 34646
34647
Pavlova I V 33564
Pavlova O V 45118
Pavlova T N 3805
Pavlović M R 7242
Pavlović V 32607
Pavlovskaia L S 41695
Pavlovskaia N I 6034
Pavlovsky A 15498
53340
53341
Pavlovsky A J 20653
25953
43916
Pavone M 37469
Pavoni P 3585
Pawlias K T 1217
Pawlicka L 30709
Pawłow P 33682
Pawlowski E J 33870
Pawlowski M M 33870
Pawlowski Z 33731
33738
Pawsey P M 43796
Paxson C G 7504
Paxton H D 4525
Payan 20520
Payan H 2429 29200 30446 30472 31062 31110 32024 36069 44729 44779
Paycha 7064
7075
Paycha F 14493
Payen J 39499
53417
Payer J 33979
Payfa M 35510
Payne A 28173
Payne A h 53505
Payne B C 36253
Payne D J 7037
26123
Payne F J 20883
Payne J H 46507
Payne J M 5650
17893
Payne K E 41204
Payne P R 8024
Payne R 40692
Payne S 40150
Payne W J 1718
4720
Payne W W 13417
Paynter K J 12943
Paynter O E 32
Payrau P. 26359
36144
Payseur C R 24730
Payzant A R 12665
Paz Bazoncel I 21771
Pazderka V 31799
38101
55657
Pazur J H 13399
Pazzagli A 1491
Pazzagli G 48109
Pazzini A 54420
Pchelina O I 36370
Peace E A 40139
Peach A M 48337
Peacock E E Jr 936
Peacock F 41301
41302
Peacock J H 2246
38615
Peacocke A R 53486
Peak H 4368
31556
Peano M 27717
Peaple L H 40144
Pearce C 46529
Pearce J 46529
Pearce J M 35872
Pearce J W 48449
48450
Pearce K A 48226
Pearce M L 13162
34887
Pearce R H 26431
Pearl D 50444
53615
Pearlman A 38059
Pearlman S 4417
Pearlman W H 13727
Pearlstein H 46928
Pearsall H R 36286
Pearsall S G 27813
Pearse A G 17388
40588
40589
52448
Pearse A G E 5617
28298
50918
Pearse H E 22056
47590
Pearson B 47087
51286
Pearson C M 17579
40280
Pearson E 47037
Pearson G R 11097
Pearson H A 5704
Pearson J D 14150

Pearson J D 32702
Pearson J S 31554
Pearson J W 4683
Pearson M M 47172
Pearson O H 4871 48544
Pearson R S B 2278 23528
Pearson S C 23495
Pearson W N 28570 28576
Peart W S 18420
Peartree P 874
Pease D C 482
Pease G I 40337 16681
Péaud-Lenoël C 13746
Péč J 9444 9456
Pecák V 28408
Peçanha J 13609
Pece G 15028 42568
Pečenka J 38166
Pecháček E 21574
Pechère J F 1265 40493
Pęcherek K 16041
Pecherstorfer M 55383
Pechmann E 43592
Pecile A 37345 37348 37349 37350 37351 37352 37519 38548
Peck A W 14204
Peck C E 49940
Peck F B 6975
Peck F B Sr 17459
Peck G C 5211 30657
Peck R E 12604
Peck R F 16500
Peckenschneider L E 17552
Pecker J 32000
Peckham L 38576 40679
Peckham R H 86
Peckholz I 3274 29117
Pecora D V 5871 35907
Pecora L 13469 54299
Pecorari D 52423
Pecoraro V 4005
Pecori V 1928 9364 23758
Pecorini V 20637 43859
Pécot-Dechavassine M 15669 48829
Pecsok D A 53669
Peczenik A 20877
Peddie G H 35932
Peden B W 7000
Pedersen B S 18584
Pedersen E 10621 33400
Pedersen J 22393 33385 35111 35112 55102
Pedersen K J 4975 19954
Pedersen P M 32346
Pedersen-Bjergaard K 3183
Pederson C S 1302 1303 47621 47622 47623
Pedetta G 23806
Pedinielli L 35048
Pedoya C 21256
Pedraglio C (Dra) 37283
Pedrazzi F 3895 47816
Pedrinola V 36892
Pedroni R 25712
Pedullà G 39676 39688
Pędziwilk F 23587 23588
Peek J M 25160
Peek R M 4909
Peek W H 2228
Peel A A F 21736
Peel J L 25113
Peele J C 18796
Peeler R N 14343
Peer L A 5211 10500 22316 30657 47547
Peers W 1774
Peery T M 1165
Peete C 12423
Peete C H Jr 38564
Peeters E G 9509 48358 48359
Peeters G 49303
Peeters H 13685
Pegg F G 29322
Pegram M W 5213
Pégřím R 9445
Péguiron M 43837
Pegullo J 401 404 24239 24244 24249
Peifer J J 44081
Peikert E 38455
Peikova R 6048
Peillard J 8879
Peimer I A 49521
Peiper A 18923 41605
Peiper H J 7078 27380
Peiper U 6069 11205 22947 30501 34031 55449
Peirce C 42520
Peirce E 39528
Peirce E C II 10119 23490
Peirce E R 18367
Peirce G 15005
Peirce J D 24422
Peirce R J 43332
Peirone E 42230
Peixoto H S 8742 51641
Peixoto I 1567 3693
Peizer L R 12815
Pejme J 22126
Pejtsik B 20176
Pekerman S M 8265
Pekez L 50064
Pekkarinen A 195 35184
Peláez P 8691
Pelaez de Biondini P 15511
Peláez Gómez A 4063
Pelagalli G V 1930 1931
Pelák Z 38266
Pelargonio S 8356
Pelc J 30024
Pelc M 43634
Pelc S 25483 35250
Pelc S R 3765 7221 51295 51305
Pelce P H 6368 54475
Peled E 3967 3972
Peleska B 12985
Peleška M 42975
Pélicier Y 21745 32004 32005 32007 32008
Pelikan E W 29251
Pelikán V 26532 26533 26534
Pélissier G 406 24238 24246 24249 40978 42435 42444
Pélissier H 47464
Pélissier M 18008 31119 41409 42508
Pelissou H 48878
Pelizza A 42768
Pelkin S 11452
Pellant A 14845
Pelle A 43745
Pellegri G 240
Pellegrin 8366
Pellegrini A 33376
Pellegrini A 37303 37304
Pellegrini G 8629 29660 32092
Pellegrino A 41365
Pellegrino A A 24043
Pellegrino J 2449 51013
Pellerat J 15069 54462
Pellerin J 31885
Pellet A C 8192
Pellet M 2405 29143 32206 36687 41141 41943
Pelletier A 18497
Pelliccioni S 27439
Pellitteri O 20263
Pellmont B 27849 32314
Pelló F 20817 32108 32109 39765
Pelloux H 6323
Pelner L 12263 35193 35703 52638
Pelocchino A M 42619
Pelon J C 20670
Pelon W 23512 31318 31319
Pelou A 47347
Peloux H 6319
Pelser H E 52534
Peltier 43762
Peltier A 47895
Peltier L F 22041
Peltokallio P 24793 36002
Pelton R B 44095
Peltonen T 43193 47489 54495
Pel'tu D G 11485 55769
Peltz W L 51894
Peltzer T 14754 35156
Pelzer A 14329
Pelzer H 27903 41737
Pelzer R H 24667
Pelzig A 50643
Pelzman O 15563
Pemberton H W 27552
Pemberton J 30142
Pemiankevich A N 34646
Pemsl H 55367
Pena E F 28348
Peña H J 9750
Peña J 53943
Peña-Chavarria A 55576
Peña Mendez C 49165
Pena Pereiro A 44499
Peña y de la Peña E 38503
Peñalosa D 451 55883
Penalver J A 10334
Penar B 7180
Pénasse L 36182
Penati F 9601
Pénau H 54897
Peňáz J 38220 38221
Peňázová M 3209
Pence D 35820 54693
Pence J W 40846
Pencea I 47413
Penchev I 45280
Penco T 27621
Pende G 31745 36758
Pende N 27351
Pender B 51339
Pender J C 43131
Pender J W 50219
Pendl I 49927
Pendleton M E 7628
Pendleton R B 28335
Penek N V 28807
Penfield W 2023 11666 38024 41908
Peng M T 47134
Peng T E 38403
Penhos J C 8979 8980 28714 44592 44594 44598
Penick G D 22221 23462
Penikett E J 16051 28985
Penington J S 15049
Penn K E 4630
Penna H A 20244
Pennacchia G 24402
Pennal G F 14648
Pennati L 30622
Penneau M 38783
Pennell M Y 5362
Pennell R B 4499
Pennell V 37641
Penner D W 26418 44287
Penniall R 37086
Pennie I D 21732
Pennington D F 5033
Pennington D F Jr 50489
Pennington S S 44425
Pennington V M 770 6520 47180 50169
Pennisi J A 24513
Pennisi L 7514
Pennisi S 37346
Penny M F 18021
Pennybacker J B 18697
Pennycuik P R 36985
Pennypacker M I 25440
Penrose L S 24974
Pense G 22944
Pensinger C R 42845
Pensky J 38085
Penso G 31726
Penson J 6884
Pentikas C 26470
Pentkovskaia V N 22504
Penttinen K 24815 54494
Penzelle Y 13007
Penzer V 28111
Pénzes T 28906
Penzholz h 7375
Pepe A 27057
Pepeu G 37416 37418 37419
Pépin B 37938
Pepin W A 4589
Peplau G 32959
Pepler W J 17806 17895 32492
Peppers E V 2700 5430 5443 16950
Peppmeier G 27185
Pepys J 22326
Péquignot G 21262 31980
Péquignot H 1455 9052 38818
Per M I 45115
Pera Blanco-Morales C 6575
Peracchia A 1897 26596 47808 48684
Peradze A G 46814
Peräsalo O 37270 36037
Peralta Ramos A G 20055 30244
Perari D 1121
Perazzo D L 43900
Perazzo E 6788
Percesepe E 8603

Percesepe E 21436
Perchaud 30477
Perchikova G E 0409
Percival J C 19645
52382
Percy C 7464
Perdriel G 14362 14390 29230 29237 51488 51489
Perdrix L 54171
Perdrix L M 29208
Perdue G D 12832
Pereboom A C 5031
Pereda E 31873
Peredery S 9462
Peregalli P F 36786
Perego A 44834
44838
54254
Perego M A 44322
48751
Peregrin J 14828
Peregud E A 3834
Pereira A 17514
Pereira A C 13617
13623
Pereira A F 8746 8753 21050 21056 21059 44446
Pereira A M 16150
Pereira A de S 30876
Pereira B do V 50084
Pereira H G 5096
45824
Pereira L 19776
Pereira M F 13604
Pereira M S 18375
Pereira R M 24493
Pereira W G 8792
Pereiras R 21121
Perelli A 24919
24923
52055
Perelli C 43465
Perelló J 49608
Perel'man L B 48009
Peremans J 23716 27531 36078 53310 54463
Peremy G 16273
Peropelkin S R 51767
Perera G A 33047
36350
Perera Prast A 51620
Peres C 42451
53415
Pérès G 36614
Perese D M 50955
Pereslegin I A 33608
55256
Peresleni N A 10822
Peresson A 19264
Peresypkin V A 45884
Peret R 53165
Peretsianu Zh M 22682
Peretti E de 24286
24297
53019
53020
Peretz A 236
Peretz A 16082
Perevoznikova Zh L 54577
Pereyra Klfer J 43874
Pérez A 15133
29368
Perez C 1053
12352
24372
Perez H 54185
Perez J 17994
Pérez J J 38699
Pérez M L 7585
7593
20049
Pérez P R 3985
Perez V 35716
Perez Alama J 51665
Pérez Albert 46682
Perez-Arzola M 560
Pérez Cambet C M 43913
Pérez Casas A 23545
23564
35024
Pérez Díaz R 44499
Pérez-Férnandez M A 35855
Pérez Getino U A 51624
Pérez Gómez A M 44545
Pérez-Higo Quintana F 29349
29355
Pérez López J A 21211
Pérez Lozana J L 21134
Perez Miravete A 51659
Pérez Mirô E 23982
Pérez Moreno B 12008
12009
Pérez Orio J E 43882
Perger F 22807
Pergola F 2482
54471
Pergolesi F 9369
Péri G 26258
Peria G 39665 39669 39672 39675 47503
Perianes I 31017
Perič-Golia L 15618
Pericoli F 8056
44811
Périer J O 20708
35483
Perier M 31041
36129
Perillo W 35408
Perilstein P K 3356
Perin L 2383
39492
Perin M 15197
Perino F R 49150
Perino R 43877
Peris G 36734
36767
Perisić S 6631
10920
Perišić V 32604
32607
Perissinotto B 26591
Perisutti G 50451
Perkedi J 10955
11466
Perkel L L 5376
Perkin E M 18188
Perkins C C Jr 17092
Perkins F T 37721
40845
Perkins H A 12206
24405
Perkins H J 26412
48455
Perkins H N 18041
Perkins J E 4078
Perkins J J 31402
Perkins M E 17944
Perkins N L Jr 50760
Perkins R 10090
Perkins R L 17877
Perkins R W 44973
Perkoff G T 3355
11631
29532
29533
Perl E R 51113
Perl J I 17503
Perlès R 3068
26305
Perlick E 23632
27182
Perlin A S 2550
48461
Perlin S 16004
18656
Perlina F I 28825
Perlis L 16344
Perlman B B 8571
Perlman F 50126
Perlman H B 23281
Perlman M 23415
Perlmann G E 50569
50570
Perlmann P 42981
Perlmutt J H 12506
Perlmutter I 915
Perlmutter M 30170
Perloff J K 14981
Perloff W H 35756
49481
49490
Perlov N M 45606
Perlova S L 39588
Perlstein M A 47097
Perlstein S M 18797
Perman E S 316
46692
Perman V 33061
Perminov I Z 41696
Permutt S 4660
Perna L 18535
Perna V P 16646
Pernet A 31850
31851
31852
Pernice A 7515
Pernis B 37301
40113
51652
51653
Pernod J 14363
Pernod R 31977
Pernot C 9107 54038 54039 54041 54042 54043 54045 54046 54047 54055 54060 54061
Pernot E 37828
Pernot M 18018
54046
Pernow B 10182 11970 23689 32235 44894 44895 46701 52711 52712
Perol R 32047
44991
Perolini G 44179
Perona G 1958
Peroncini J 6604
Peroni R 33012
54470
Perosa L 15247
15249
Perosio A M 20637
43919
Perot G 38753
Perotti B 51614
Perotti V 43458
Perou M L 5733
Peroua A 50767
Perov O V 7930
21927
Perova L B 51226
Perow J 55707
Perr I N 760
Perrault M 2481 9165 9840 20672 44996 44997 44998 44999 54148 54881 54894
Perreau P 21746
53435
Perrelli S L 15739
Perret J T 34866
Perret L 43197
Perret W 29472
Perreta M 31326
Perri G C 52397
Perri V 28054
28055
36778
Perria L 9764
19255
42719
Perrier C 2300
Perrier F 15658
Perrin 42009
Perrin A 29139 29140 36687 44752 54446
Perrin C 31926
54022
Perrin D D 19506
Perrin E V 514
Perrin L F 6348
32058
Perrin M 42000
Perrin N 32208
Perrin-Fayolle M 54163
Perrine G 41024
Perrine T D 50603
Perrini M 36754
Perron P 26348
Perrone J A 49393
Perroni G L 1506 36724 36726 36738 36745
Perroni L 36740
Perrot B 14373
14374
Perrotin J 17003
38805
42420
Perrott G S 5362
Perrouty P 47448
Perrow C 47204
Perrow C B 37943
Perruchio P 6398
6400
41410
Perry A S 24702
Perry B T 5082
5083
Perry H M Jr 51
Perry H O 5275
6984
40291
Perry J 50370
Perry K D 17902
Perry M 4980
Perry R B 14960
49650
Perry R E 34982
Perry S 33065
37225
46430
50736
Perry T L 44129
Perry V P 6516
Perry W F 14618
Persani G 49587
Pershin G N 3565
36397
Persico L 48752
Persky A H 11742
Persky H 46449
Persky L 18156
Persoff D A 7251
Person D A 23482
Person S A 46353
Persson B H 1533c
Persson F 35379
35385
35447
Persson I 27033
Persson N 35384
Person P 2685
Personne C 21379
Pert J H 20793
31340
33052
Perteava M N 1755
33569
Pertuiset B 7381 8231 9198 32379 55373
Pertyński J 27607
Perucci U 30337
Perugini S 44166
52079
Perumova N D 33615
Perusi A 42744
Perussia A 13119
29680
Peruzy A D 42672
Pervova A K 33611
Péry G 26227
26738
Pery P 30451
Peryna T 20456
Pesando P 9410
Pesavento G 1975
Pescaru A 32587
42224
Pesce A 15032
21486
29617
Pesce G 19267
36740

Pescetti G 29670 32140 32474
Pescetto F 44569
Pescetto G 8458 13133 53681
Pesch L A 13825
Peschel E 5262 5263 50227
Peschel R L 20510
Peschl L 33826
Pesenti M 52939
Peserico L 51320
Pesez M 36183
Peshev M 41572
Pešić R 23678
Pesigan T P 14471
Peskin G W 25040 53003
Peskov B Ia 34711 49559
Peškovš H 21543 23652
Pesle G D 28367
Pesonen S 36045
Pessagno A 8555 20942 31625
Pessagno D J 54749
Pessin J 14557
Pestalozza G 42757 51650
Pestel M 31109 43947 45547
Pester G H 874
Pestrikova N M 53045
Peszczynski M 48765
Petchenko A I 12108
Petek F 26335
Petényi G 49809
Peter J A 35829
Peter R 27733 33676
Peterfalvi M 38705
Peterkin G A G 43719
Petermann G 34538
Petermann K 53073
Petermann M L 28258 40592
Petermöller H 22349
Peterová E 2759
Peters A 21759 43066 53702
Peters B J 17764
Peters B J 46952 46953
Peters F 38523
Peters G A 4313 4905
Peters H 11462 16304 24140 49478
Peters H A 22909
Peters H N 4918
Peters J E 40436
Peters J H 2897
Peters L E 13193
Peters R 2196
Peters R A 13721
Peters R B 24472
Peters R M 933 939 13312 36313 48723
Peters T 13798
Peters W 18753
Peters W A Jr 30226
Petersdorf R G 46434 52606
Petersen A G 46437
Petersen A L 40986
Petersen B 42362
Petersen H 10642 27179 45521
Petersen H P 23831 23842
Petersen M C 775
Petersen N J 20883
Petersen O 35445
Petersen P 29223 32230
Petersen P B 25830
Petersen P F 22419
Petersen P V 1581
Petersohn F 27143
Petersohn K L 6730 34599 39540 46082
Peterson A 24727
Peterson D R 4900
Peterson D W 24395
Peterson E 52582
Peterson E A 49466
Peterson E W 20774
Peterson G E 5822
Peterson H O 41052
Peterson J E 20729
Peterson J K 40235
Peterson J L 40006
Peterson L F 16980
Peterson L H 14989
Peterson M L 51337
Peterson O S Jr 35864
Peterson R D 40531
Peterson R E 40695 46439 46927 49262
Peterson W A 51119
Peterson W F 13212
Peterson W H 1310
Peterson W M 17096
Pethes G 41621
Pétiau G 26953
Petit 36635
Petit A 36647 48888
Petit D W 37942
Petit J 31973
Petit J M 16835 46723
Petit P 32391
Petit-Dutaillis D 9157 19765 32379
Petitclerc R 41920
Petitjean R 9253
Petix J 13836
Petiziol A 32115
Petkov I 32757 32787
Petkov N 28742
Petkov Ts V 32814
Petkov V 48666
Petković S 33447
Petr R 20124
Petraccone G 21458
Petrack B 40510
Petraglia S 906
Petrakis N L 33664
Petrák V 14865
Petrányi G 10587 23741 29154
Petrányi J 23747
Petras E 25309 25330
Petrásek R 36616 48636
Petrazzini R 8051
Petre A J 21037
Petrea I 2315
Petrella A 3853 29700
Petrella E 42694
Pétremand 43804
Petrén A 54817
Petrén G 10189
Petrenko G S 45885
Petresco A 11985
Petrescu V 11439 34585
Petrescu V D 12107
Petrescu S 46316
Petri G 11194
Petri H 49874
Petri L H 4611
Petri M 23965
Petri W 11402 26173
Petrick A 7538
Petrie A 8346 27035 32351
Petrie S 28469
Petrignani R 9215
Petřík F 43614
Petříková J 43096
Petrikova K G 22687
Petrilla A 7696 23784 30283
Petrilowitsch N 32276
Petrin G 1502 3852
Petrina M 23673
Petrishchenko N V 46347
Petrishcheva P A 33474
Petroboni C 47818
Petrocchi V 8615
Petrochenko N A 43556
Petronelli A 11959
Petronio L 37153 39766 39768 39769 39771 41777 49726 54218
Petronio R 51972
Petropavlovskaia N I 5948
Petropavlovskaia N V 33291
Petrov B D 3801 22690
Petrov Iu V 33582
Petrov I R 22528 22544 52974
Petrov M 20750
Petrov M A 16414
Petrov P A 34770
Petrov R V 7781 22490
Petrov V 28728 28757
Petrov V A 6635 22546
Petrov V I 45704
Petrova A G 18867
Petrova A S 51768
Petrova B Iu 55794
Petrova M M 53451
Petrova N D 6641
Petrovčić F 23685
Petrovic A 26702 26832 26876 26935 38760
Petrovic-Ducic M 51685
Petrovich D V 4904
Pétrovitch Z 1421
Petrovskaia V G 33492 36362 36409
Petrovskii B V 10749 18178 41522 45199 51170
Petrovskii K S 41646
Petrovskii V I 33351 33352 33353 33361
Petrow V 28611 51084
Petrozzi C A 1830
Petrozzi E 52109
Petrukhin V G 49224
Petrushinskii M I 9896
Petry G 34404
Petry H J 27186
Petrzilka T 39247
Pettavel J 53317
Pettie D 6096 41765
Pettenella G 37300
Pettenkofer H J 48071
Petter-Rousseaux A 38740
Petterson O M 31405
Pettersson G 45327
Pettet J R 52618
Pettigrew J D 19700
Pettigrew T F 26077
Pettinari V 29613 42530
Pettinati L 19234
Pettinati S 19179 29648
Pettis G S 7942
Pettit H S 5840 28661
Petty C S 11754 12737 17389 47207
Petty L E 3197
Petty T A 8409
Petuely F 47646
Petukhov M I 45148
Petukhova R N 36377
Petzel G 1787
Petzing H E 17621
Petzold n 33971
Peukert D 34350
Peuteuil G 28366
Peverelli A 19717
Pewters J T 52129
Peycelon h 6290 6308 6309 18538 18555
Peyman M A 35194 37716
Peype W F van 29987
Peyre A 38704 48813
Peyrin L 37849
Peyron J 9660 54183
Peyronnet P 41467
Peyrot 20610
Peyrus M J 51392
Peytavy R 43484
Peyton M F 46397
Peyton T R 24607
Pezacki Z 30757
Pézard A G 26794
Pezenburg E 45791
Pezza M 1542
Pezzi G 19216
Pezzoli C 9416 9417 21485 21497 44839
Pezzula C 23760
Pezzullo C 20813 23756 23759 35159
Pezzullo N 53778
Pfaender H 4062
Pfändler U 16360 44929
Pfaff W 1573
Pfaffenberg R 34333 34355
Pfaffmann C 21700
Pfaller G 1790
Pfaltz C R 27028 36442
Pfander W H 5540
Pfannenstiel W 35571
Pfanner P 32476
Pfau A 20094
Pfau W 49823
Pfeffer B 12639
Pfeffer R B 12474 19915
Pfefferkorn E 10877
Pfeifer H J 42319
Pfeifer V F 25161

# CURRENT LIST of MEDICAL LITERATURE


Pfeifer W M 22903
Pfeiffer C C 19303 41279
Pfeiffer E 3432
Pfeiffer H 55569
Pfeiffer J 38281
Pfeiffer R 34265 42919
Pfeiffer R L 46466
Pfennigsdorf G 34240 53098
Pfister A 29239
Pfister C W 49989
Pfisterer H 45780 45784
Pfisterer I 10342
Pfitzer E A 33 46889
Pfleger K 25881 25882 29917 29918 29919
Pfleiderer G 5473 25880 25894
Pfleiderer H 36475
Pflüger H 12884 25388
Pfordte K 49887
Pfroepffer K 36943
Pfuetze K H 8559 12799
Pfuntner C 24447
Phaff H J 52283
Phair J J 4658 12222 26061 40137
Pham Hong Que 3127
Pham-Huu-Chanh 26706
Pham-Huu-Trung 2485 54448 54449
Phan N van 55619
Phan-Ngoc-Duong 14433
Pharm B 5757
Phaup M R 40866
Phear D 29336
Phear D N 26149 41833
Pheiffer K 3299
Phelan J T 10081 11814 16608 22907 41045 54652
Pheline C 24241 24288
Phelps E T 2335
Phelps J K 5721
Phelps W M 15257
Phenix F L 620
Philadelphy V 34573
Philbrick M H 10989
Philbrook F R 7435 39557
Philip C B 31387
Philip P P 24464
Philip R 41140
Philip-Wertheimer J 37789
Philipp E 23249 32633 36064 39539
Philippe J 54037 54908
Philippe M 54897
Philippi F 8911
Philippidès D 54111
Philippopoulos G S 989 44255
Philippu A J 19663
Philips F S 2706
Philipsborn H von 45583
Philipson J 46721
Philipson L 4265 25169 25170 35073 35346
Philipszoon A J 13435
Phillips A J 25989
Phillips C G 53693
Phillips C I 37605
Phillips C R 25125
Phillips C W 50892
Phillips E C 19991
Phillips I B 13761
Phillips H T 15909
Phillips J H 12208
Phillips J M 50242
Phillips K G 35752
Phillips L 4375
Phillips L A 811 12066
Phillips L L 20259
Phillips O C 35981 35987
Phillips P B 4693 50324
Phillips P H 5538 5545
Phillips R J 7194
Phillips R W 437 17203 17204 17207 19845
Phillips S 28287 49776
Phillips V P 46981
Phillips W P 26009
Phillipson R 18039
Phillis J W 7162
Philpot J St. L 19673
Philpott D E 39289
Philpott N W 37800
Phipps E B 40936
Phlaps A 48875
Phi H T 38394
Pia H W 29064 49084
Piacquadio N E 31804
Piaget F 41144
Pialoux P 53373
Pi'atkin K D 29555
Piątkowski S 38452
Piatnitskii N P 22676
Piatnitskaia L K 49796
Piatt J 12935
Piatt M 12935
Piazza A 45042
Piazza G 44314 50954
Piazzesi W 44354
Piazzi G 52072
Picallo R 21135
Picard 47746
Picard C 48790
Picard C W 30618
Picard J D 20682 21365 39486 43982
Picard J M 17992 17997 41392 54459
Picard P 47448
Picard R 36646 36660
Picatoste y Patiño J 46772
Picaud A J 38779
Picazo Guillen J 51628 51631
Piccaluga A 47802
Piccaluga A J 43918
Picchio C 29655
Picchio E 6793 52080
Picchio S 29655
Piccinelli D 36599
Piccinelli O 3714 39317 39321 49401
Piccioni V 26617
Picciotto A 37148 37149 37150
Piccoli P 15790 27465 39361
Picha E 55376
Pichard R 41381 54444
Pichardo Sardá M E 21229
Pichette P 40571
Pichette R 18499
Pichinoty F 3038
Pichler A 11340
Pichler E 45958
Pichler H 22784
Pichler O 10999 30989
Pichon-Riviere A 4280 21238
Pichot P 985 38640
Pichot-Janton (Mme) 30465 45008
Picht E 54945
Pichugina M N 12124
Pick A 28166 44496
Pick E I 46482
Pick E P 36600
Pick H L Jr 4941 17089
Pick J F 23657
Pick J W 18155
Pick R 15010
Pickard B H 41066
Pickard C 14029
Pickenhain L 23595
Pickens E G 5198 53660
Pickens J L 50316
Pickering D C 19705
Pickering G 14269
Pickering G L 48436
Pickering G W 19654
Pickering P P 5199 15923
Pickersgill M J 52358
Pickert H 12086
Pickett M J 5002
Pickett N J 50279
Pickett W J 49988
Pickford E M 20839
Pickford M 5778 28618
Pickford R W 54433
Pickhardt W L 20075
Pickles B G 50987
Pickles V R 28617
Picknett R G 40139
Pickrel J C 28020
Pickrell K 8041
Pickren J W 52686
Pickroth G 15365 22340 23610 34334 46203
Picó G 33028
Picornell B V 5726
Picot B 14393
Picot H 7624
Picotti G 27464
Picou D 22717
Picou D M 53012
Piechaud D 47397
Piechaud F 17653
Piechowska M 29497 29498
Piechowski V 42354
Piédelièvre B 9220
Piédrola Gil G 51668
Piegaja D 29573
Piegari C 44577
Piegari G 15722 15723
Piegari V 15722 15723
Piekarski G 11345
Piemonte S 21011
Pieniążek J 20191
Pieńkowska T 8071
Pieper O M 19814
Pieper S J Jr 885
Pieper W 36255
Pieper W J 36315
Pieptea M R 51812
Pieptea R 21755
Pieptea R M 9460
Pierach A 29795
Pieragnoli E 29699 32592
Pierangeli A 42536
Pierard J 47916 47919
Pierce C 510
Pierce C H 14398
Pierce E C 24422
Pierce E L 46955
Pierce G B 46502
Pierce G O 1825
Pierce J M 5915
Pierce M K 13278
Pierce W E 50191
Piercey W D 14594 48432
Pierdet A 38672
Pierdinock P 42846
Pierfederici P 47791
Pieri 2327
Pieri A 1900
Pieri J 23642 31068 37920
Pieri P 9232
Pieri R J 7621
Pierini A 6789 6799
Pierini L E 9737
Piéron R 32070
Pierotti P 29610 42653
Pierpont H C 10099
Pierquin B 1459 40650 41390 47469
Pierre H 22719
Pierre M 32030
Pierre R 9172 9175 15108 15110 26764 32922 32923 54912
Pierre-Bourgeois 21374
Pierret R 2299
Pierri G 35153
Pierron J 29203 43959 54443
Pierson B 9103 31908 54050
Pierson C A 6375
Pierson M 18012 18013 25454 25486 27719 30460 31972 31973 31974 31976 32407 54062
Pierson R E 4633 40418
Pierson W R 40886
Pięta E 20433
Pieter H 46756
Pieterse P J 54503
Pietra S 49414
Pietrantoni L 31924 35343
Pietrapiana J 41992
Pietraszek A 33750
Pietraszkiewicz E 6868
Pietrasun R 20431
Pietri H 24248 42442
Pietri J 24293
Pietroń K 30403 30404
Pietrowa N 30822
Pietrucha L 19432
Pietruschka G 10305 15401 22935 28860
Pietrzak E 31539
Pietsch J 55506
Piette C (Mme) 1056 1057
Piette M 1056 1057 8318 24903
Pifarre Barqué J 22274
Pigache R 47483

Pigafetta P 48687
Piganiol G 19774
Pigeaud H 53404
Pigeon G 9175
Pignard P 24775 24780 26213 26905
Pignataro O 37530
Pignier J 30437
Pigon A 4992 5491 41212
Piguet B 54181
Piha R S 35397
Pihl A 43590 52317
Pihrt J 14846
Piiper J 30516 53085
Pijade R 22645
Pijper A 32288
Pikaar N A 13693
Pike R M 28016
Pikler A G 5056
Pilar Moreno, Sister 53905
Pilaszanovich I 16065
Pilat L 6587
Pileggi F 436 36839 46872
Pileggi V J 47247
Pileri A 21286 44614
Pilet C 3080 15103 15121 26906 38676
Pilfold J N 12304
Pilgård C E 41954
Pilgren E Y 17316
Pilgrim A F 37591 37592 37593
Pilheu F F 43885
Pilheu F R 53321
Pilheu J A 8718 9703 33013 44393
Piliego N 3588
Pillero S J 25432
Pilipenko V I 13860
Pilipowska T 30084
Pillai N C 17440
Pillat B 30497 30572
Pille G 1049
Pillemer L 11942
Pillemer L 26471
Pilleri G 20831
Pilleron J P 42435
Pillet M J 23661
Pillion J W 19910 34969
Pillot J 13053 37883
Pillsbury D M 24438
Pilot M L 38837 46065
Pilz R 42278
Pilz W 41746
Pimenova K A 13849
Pimentel A 20632
Pimentel C 4352
Pimentel J C 6571 15953 39465
Pimpinelli E 39693
Pina N S 13604
Pinamonti F 25613
Pinard M C 32058
Pinc R 34963
Pincelli C 31649
Pinchera A 39350
Pinchuk V M 49224
Pincus G 13207 17045 31442 31462 39194 39203 43709
Pindborg J J 10595 33387 34945 35358
Pindell H D 18020
Pine E K 28529
Pineau J 32910 32911
Pineau P 36668
Pineda E P 7414 49715 49716
Pinedo G 8939
Pinelli A 32054
Pines B 1213
Pines I 13177 36691
Pines M J 21585
Pinet F 36652 41397 41398 41399
Pinetti P 21002
Piney A 48169
Piñeyro J 33012
Piñeyro J R 43857
Pingeon R 36326
Pingoud A 24871
Pinheiro A 50085
Pinho A G de 44469
Piniazhko I H M 36411
Pinigin M A 39599
Pinkava V 7377 31786
Pinkel D 2683 5728 20254 25925
Pinker G D 5571
Pinkerman O R 7011
Pinkerton O D 85
Pinkerton P 1418
Pinkowicz R 3977
Pinkus H 14 23365 38859
Pinna G 52066
Pinna Pintor P 52086 52092
Pinneau S R 5112 17358
Pinner J I 51121
Pinney C T 45456
Pinney E L Jr 23416
Pino M 8914
Pinol Aguadé J 31059 37885 48181
Pinotti M 13611 21088 44427 44470
Pintado O 30242 44396 44402
Pintelon J 23929
Pintér E 20171 52910
Pintilie Ş 43989
Pinto C J 14158
Pinto F 8747 21060 44454 53869
Pinto I de S 18830
Pinto M da S 30876
Pinto R 53847
Pinto R M 8167
Pinto S 44658
Pinto V A 8731
Pinto Lima F X 452
Pinto Severo O 37267
Pinus A G 6045
Pinxter P R 29938
Pinxteren J A van 30635 43583
Pióch E 30081
Piombo F S 31017
Pionkowski J 30080
Piontkovskii I A 7794 37182
Piot C 49745
Piotet G 39841
Piotrovich A K 11471
Piotrowicz-Kasprzakowa K 30826 30839 30849 30850
Piotrowski G 30980
Piotrowski G L 30990
Piotrowski W 9072
Piotti F 29586
Piotti L E 6948
Pipberger H V 12332 13357 38496
Piper D W 18725
Piper J 35175
Pipes K E 22024
Pipino G 8468 20905 20907 53753
Pipitone V 1868 1869 1870 37380 44174 52048
Pipkin A C 3524
Pipkin G 48770
Pipko A S 5948
Piqué J A 15478 25947 29368
Piquet 47485
Piquet J 1012
Piquinela J A 949 25939
Pirani C L 13154 13155 39718
Pirart J 36060
Pirastu E 53786
Pirastu F 53785 53786 53787 53788 53789 53790 53791 53792 53793 53794 53795 53796
Piraux A 17793
Piribauer J 29116
Pirie A 37079
Piriliă V 23703
Piringer W 51234
Piringer-Kuchinka A 33538
Pirinoli M 20622 27233 44574
Pirk F 1317 14882
Pirker H 51232
Pirkey J S 40033 52163
Pirkis J 13183
Pirkle C I 14458
Pirlet K 36476
Pirlo de Niccolo T 48107
Pirner F 34528 34529
Piro J D 13347
Piro S 44351
Pirodda A 25971
Pirojnikoff L A 5024
Piroli G 54220
Pironkova M 32778
Pironti L 42531
Pirot H 6366
Pirozhenko V V 41516
Pirrie D 26107
Pirrie R 1654
Pirsch J B 16884
Pirson A 25312
Pirtle E C 41043
Píša Z 48626 48627
Pisani E 36780
Pisani G 13122 25531 29716
Pisani M 51999
Pisani S 9696 9716 9729 9730 21774 21775 21782 21783 21792 32440 32441
Pisano D J 12658
Pisano G 8575
Pisarev S I 16410 16411
Piščević S 10914
Pischel D K 11696
Pischih J 15480
Pischnotte W O 50210
Piserchia N 19217
Pishawikar S D 3511
Pishchurina M M 46779
Pisi E 6811 25561 25562 27363 29633 47822 47824 54424
Pískáčová A 38323
Piskazeck K 6664
Piskorz A 6875 7771 20429 20447
Pison E 8874
Pispa J 24809
Pistey W R 51005
Pistocchi G F 7745
Pistolesi G F 27441
Pišdt V 14876
Pitanguy I 44448
Pitchford R J 2440 2455 2456 2462 2464 2471 21832 55064
Pitcock J A 700
Pitcoff D D 15034
Piterbarg E 31036
Pitet G 24906
Pitney A J 28264
Pitney W R 37679 51543
Piton J 28371
Pitt B M 4764
Pitt G A 27480
Pitt-Rivers R 13717 15623 37108 41338 41340
Pittar C 55056
Pittenger B N 23440
Pitter J 28901
Pittera A 1917 1917A
Pittinger C B 970 12976 35984
Pittman D D 7145
Pittoni G 29747
Pittroff E 3752
Pitts R F 747
Pitzen H 34254
Pitzler K 6733
Pitzschke h 46225
Piukovich I 10569
Piulachs P 51365
Piuma M A 21654
Piva G 1901 1902 1903 36771 36772 36773
Piva M 21500
Pivotti G 52117
Piwnica A 3625 29045
Pixley E 38565
Piza F 26163
Piza P de T 8771 21086
Pizarro E 8698
Pizarro R 44400
Pizzagalli G 37457
Pizzagalli G F 52930
Pizzetti F 33374
Pizzigallo G 19184
Pizzillo G 20969
Pizzini A 35153 42546 42548 42550 42646 42648 42650
Pizzirani N 240
Pizzolato P 516
Pizzorno O 1504
Plaa G L 16661
Plaats G J van der 6562 7696
Placer Z 31783 38103 48637

# CURRENT LIST of MEDICAL LITERATURE


Placer Z 48638
Placherová A 43087
43088
Placidi L 6371
6372
18609
37780
Placitelli G 32104
42644
51996
Plackett P 19696
Plačková A 54579
Plagemann W 29086
Plainfossé B 2476
54157
Plaksin A I 7802
Plamondon C 51360
Plamondon M 18496
Planansky K 20836
Planas F 10401
Planas Guasch J 1799
Planche N 26692
26693
Plancherel A C' 21624
Plancherel P 44911
Planck U 20098
Plane 24253
Plane J 10031
32077
Plane P 24243
Planel H 26709
26949
Planel'ea Kh Kh 33454
36372
36408
Plank L E 1293
Plant W T 5116
Planta P von 21602
Plante N 18497
Planten J T 7347
Planten O 52475
Planteydt H T 52452
Plantié J 26674
Plantin L O 11902
23689
52711
52712
Plas F 32935
Plas R 47444
47445
Plascencia R 44510
Plass H F 42809
Plasse G 26263
26266
30473
Plastridge W N 28180
Plastunov M B 55151
Plata Rueda E 31882
Plata Rueda E 44550
44551
Plate H 8221
Plate W F 36065
49514
Platen A 23244
Plater E D 9674
Platilová H 26549
38133
Platneva N A 22547
Platou R V 25021
Platowski J 20425
Platt B S 15754
36187
Platt H 5683
Platt J 20701
Platt J R 30485
Platt L I 10978
Platt M S 45083
Platt R 37701
Platt W R 7010
14334
Platteborse R 31983
Platzer W 33930
Plauchu 6315
29145
Plauchu M 6316
6326
51398
51400
Plaut W 7184
40581
40602
51311
Plauzoles S de 8370
20820
31504
Plavinskaia N Ia 9889
Plavnik M S 31204
Plavsic C 14504
47689
Plavskaia A A 48038
Plaza de los Reyes M 8698
8909
21176
Pléčaš B 29392
Plempel M 11273
Plenert W 27450
Plengier L 54833
Plenk A 51282
Plenk H P 53740
Plesant G-M 18074
Plescia O J 9935
Pleshchitser A Ia 38554
Pleško I 38171
Plesner P 1715
Plessing H 28063
Pleticha R 43612
Pletnev S D 41559
Pletnikova G P 11494
Pletscher A 21651 21686 26993 27849 27850 33986 49359 49693 54331 54391
Pletsiti D F 11491
Pletsityi D F 34668
Plewes D W 2652
Plewes L W 20695
Plewiński G 30738
Pleydell M J 21533
26124
Pliego J 3675
Pliess G 27500
Plíhal V 38113
Pliskin B 39554
49782
Plisnier H 48921
Pliss G B 37212
Plisskin P 3974
Plocker L 8078
Ploeg G van der 547
43037
Plötner K 38974
Plogsted H 52808
Ploner L 29585
Ploog D 20829
Plosa de Pérez I 1560
Ploticher S M 10834
Plotka C 48793
Plotkin R F 17916
Plotkin S A 50289
Plotnick H 23365
Plotnikoff N P 13441
Plotnikov V I 45158
Plotnikova E E 46333
Plotz C M 4466
Plotz E J 12412
49170
Plotz M 8135
Plough I C 4877
Plouvier V 48808
Plowright W 2061
5644
Plucinski T E 10444
Plückthun H 34135
Pluhatsch J 13370
Plum C M 24082
Plum F 65
16609
19795
43703
Plumb C S 41050
Plumb R T 14541
Plumlee M P 32340
Plummer A J 17932
35986
Plummer J 5420
Plummer P J 40905
Pluvinage R 2492
Pluvinage R 27921
37922
Plyshevskaia E G 45615
Plzak L 22002
Pobedinskii M N 46832
Pobedinskii N M 51766
Poblete I 21098
Pocchiari F 27435
53813
Poch G F 8717 27223 31033 43873 43874 44407
Poch-Viñals R 23905
Po-Chedley D S 52380
Pochin E E 26087
Pochynok V Ia 29553
Pocidalo J J 3067 8243 9014 9021 15105 15106 26814 38728 38739 48867 53985 54157
Podar U Ia 25750
Podestá H 43901
Podestá J J 8719
31016
Podgaetskaia M G 10834
Podgorotsetskii E G 9901
Podhorsch A 32185
32186
32199
Podhorschi A 32201
Podhradská O 14850
Podhradszky J 23764
Pod"iapol'-skaia V P 51731
Podil'chak M D 43084
48022
Podina A I 10937
Podio R B 44413
Podliachouk L 47394
Podol'skii B M 10900
Podol'skii S V 45897
Podolsky E 15572
Podvalová I 26519
Podvysotskaia O N 33506
Podzimek A 38133
Pöhm M 13371
Pöhn H P 23004
Poel W E 50881
Pöldinger W 53311
Poemnyi F A 34695
Pöpke L 32852
Pöpplemann H 51833
Pöschel T 23223
Pöschl M 39379
49100
Pösnerová V 26539
Poethke W 7965
7971
43592
43607
Poetschke G 46241
Poetter H W 564
Pötzl O 33833
33869
52554
52565
Pogády J 2758
38343
Pogány E 19319
Pogány O 3647
Pogány T 43437
Pogátsa G 52895
Pogodina V V 33646
Pogoliotti R 6819
Pogorel'skaia K I 12163
Pogosiants E E 33596
Pogosov A G 31219
Pogosov V S 45747
Pohjanpelto P 22599
Pohl C E 24495
Pohl D R 48787
Pohl R 39376
Pohl R W 32630
Pohl W 42346
Pohland A 51089
Pohlmann K E 51116
Pohlmeyer H J 42321
Pohlmeyer T 7112
Pohloudek-Fabini R 45847
Pohowalla J N 16313
Poignon J 31963
31964
Poikolainen A 54494
Poilleux 18606
Poilleux F 18628
Poingt O 52014
Poinso R 2429 28359 28684 31062 32371 41407 44777
Point W W 583
Pointet C 49741
Poiré R 21339
31962
Poirier A 39488
Poirier G 10026
Poirier L 19794
Poirier L J 35803
Poirier R 53435
Poirón J M 9729 9730 21775 21782 32440 32441
Poirón M P de 9730
Poirot 27719
Poisson J 32940
Poisson M 37922
Poisson R 37858
Poissonnier M 31053
Poivilliers de la Querière F 48836
Pojmańska T 33766
Pôka L 18595
Pokhvalin V P 45249
Poklekowski I 11249
15357
49040
Poklewska I 8868
Pokorný B 34519
Pokorny C 17552
Pokorný H 2781
Pokorný J 28415
48659
Pokrovskaia E I 18889
Pokrovskaia V A 39332
Pokrovskii A A 22655
Pol H J van der 20314
51066
Pol V 32008
Polacco A 15896
20975
Poláček P 23546
48629
Polacheck D L 44955
Polack L 1844
Polaert J 18080
18081
Polák B 34493
Polak E 18544
43092
Polak F 15327
22971
Polák J 38313
Polak T 20444
Polanetzki U 34513
Polani P E 19642
37675
39730
42729
Polańska B 20191
30712
Polánský F 38363
Polasek G 39314
48103
Polášek V 14873
Polasky N 46426
Polderman J 20318
Poleff R 6381
Poleksić J 30093
Polemann G 3989
Polenko V K 8027
22616
Polenov A L 13582
47892
Poleshchuk I S 41540
Polet H 47743
Poletaeva K A 52985
Poletti R A 3341
Poletti T 31751
Poletto E 15480
Polge F 54049
Poliak L V 7895
Poliakoff S R 12385

Poliakov L E 9930 21921 45893
Poliakov V A 6010
Poliakova I L 34658
Poliakova K K 25748
Poliakova M M 51175
Policard A 6347 15074 21292 21294 32382 47371
Polikarpov G G 5649
Polikarpova L I 6641
Polikarpova T S 31172
Polimeni R 7663
Polin A N 36394
Polis L 15187
Polisar I A 11722
Polishchuk I A 45309
Polishchuk M F 45213
Polishuk W Z 49506
Polishuk Z 230
Polissar M J 5442
Politano V A 7490 18150
Politi V L 14572
Polito A 27636
Polito M 36782
Polito R 31013
Polito de Fiondella A M 44406
Politowski M 30693 30766 30827
Politur D 29239
Politzer W M 9782 18409 48333
Polivoda B I 39597 39607
Polizzi F 19250
Poljak V 22768 22808 26545
Polk G A 3981
Polk J W 8784
Polk J W 15556
Pol'kina R I 55320
Pollack A A 10444
Pollack H 12350
Pollack H W 46086
Pollack M 12613
Pollack R S 13559 47848
Pollack S 14559
Pollack W 55351
Pollak E 8689
Pollak O J 48990
Pollak V E 13154 13155
Pollak V E 39718
Pollak V E 46428
Pollard A C 41869
Pollard A C 48194
Pollard C J 31368 37587 47972
Pollard D G 19505
Pollard H M 27548 40313 49695
Pollard J C 18807 33434
Pollard J K 19541 29827A
Pollard M 31315 47617
Pollarolo C 32111
Polleri A 36722 36727
Pollero H 35408
Pollet M L 47765
Polley E H 39270
Pollice L 21444 37482 44366
Pollina P J 30971
Polliot L 21350
Pollitzer W S 54399
Pollner G 40050
Pollock A 7534
Pollock A Q 28600
Pollock A V 37714 54720
Pollock F J 15740
Pollock G A 4799
Pollock L J 8483 31582
Pollock M 10059
Pollock M R 10209 37073
Pollock W F 54700
Pollok N L 16884
Polner W 4473 50182
Polokoff M 4593
Polombelli M 25585
Poloni A 32113
Polónio P 40218
Polonovski C 53390
Polonovski J 26337 26341 26817 39252
Polonskii N Z 51227
Polonsky J 19589
Polosa P 21437 35158 37344 37346 48113 48114 48115
Polotskaia E L 18297
Poloukhin N 10941
Polovetskaia A A 51734
Polosova R A 32554
Polson A 1693 5909
Polson A 13763 13764
Polster H 42873
Polstorff F 23109 52192 52562
Polt J 4943
Poltavets V T 41556
Poltavskaia N K 55765
Polte J W 11553
Poltyrev S S 7798
Poluektov L V 45192
Polunin I 28977
Polvan N 33853
Polvani C 13127 31628 42227 42735 53756
Polvani F 24957 24958
Polya J B 49297
Polynok P Ia 29552
Polzer K 11054 46038
Polzien P 29450
Pomales-Lebrón A 44099
Pomanov Iu D 18289
Pomanskaia L A 34614
Pombo J 3344
Pomerance W 35762
Pomerantz H 23378
Pomeranze J 30176
Pomerat C M 13262 24570 34407 40590 46092 49444
Pomeroy B S 24639
Pomerska E 7836
Pomés Ottone J 8699
Pomes Ottone J P 50437
Pomini P 6913 9406 36774 42593
Pommatau 18565
Pommatau E 50789
Pommerenke W T 49502
Pommez J 9077
Pommier M 26237 26238
Pompeius R 54814
Pompili G 29654
Pomposiello I M 32446
Ponce T 4537
Ponce de Leon F 39143
Ponce de León J 25671
Poncet 51502
Poncet E 36160 36164 36165
Poncet G von 51798
Poncet L (Mme) 3044
Poncová V 28113
Pond W G 17807
Ponder E 50571 52323
Ponder R V 50571 52323
Ponec V 41649
Pongor F 7719 25808
Pongrácz E 6340 22177
Pongrácz F 6344 6345 6346
Ponlot R 25437 25438 39246
Ponomarenko M E 9907
Ponomarenko V F 18903
Ponomarev V S 22662
Pons A 26635
Pons H 41374
Pons J 6354
Pons T 5918
Pons Cachot F 1803
Pons Clotet A 31829
Ponsan X 2007 26229
Ponse K 36066
Ponseti I V 16977
Ponsold W 390 11216 49049 53098
Ponsot C 50778
Pont M E 10691
Ponté C 30441 52014 53017
Ponte F 37492 43352
Pontecorvo G 10196
Pontecorvo M 44819
Pontén B 11891
Pontes J F 53845
Ponthus P 13134 44693
Pontier A 32077
Pontiggia P 29647
Pontorieri N 20213 20221
Pontremoli S 26336
Pontuch A 14811
Ponzi A 42489 42489
Ponzoni C 39522
Pool B B 63
Pool C S 35464
Pool J L 48540
Pool J L 52589 52608
Pool K B 17168
Pool M L 17218
Pool R 50504
Pool T L 16566
Pool W A 18715
Poole D 19993
Poole D B 25871
Poole J C 5624 5636 6195 14196 20920
Poole T R 47125
Pooler N R 8491
Poor E 10502
Poos E E 36275
Pop E 9463
Pop O 31135
Pop Cénitch S 1421
Popa G 48202
Popa M 10294 11143 15466 31047 41150 48202 49051 55471
Popa R 31129 34441
Pope C E 54766
Pope C G 2056 14096
Pope Pius XII 18815
Popek K 20844
Popella E 52561
Popendiker K 13645
Popenenkova Z A 3577
Popereka Ia P 10780
Popescu C 22932
Popescu F 9462
Popescu M 43999
Popescu T 31127
Popescu-Sibiu I 1000
Popiel F 776
Popielarska A 7815 53162
Popish J R 28182
Popivanov S 28717
Popják G 1266 14191 53479
Popkhristov I 45302
Popkin R J 43147
Popkirov S 34541
Popkova P I 22156
Poplavskii A K 55211
Popma A M 46757
Popov A 28731
Popov A F 18217
Popov C 34144
Popov G 28719
Popov G V 45160
Popov I 41572 41578
Popov I M 9876 18211
Popov K P 34440
Popov L 32742 32796
Popov L 45302
Popov N 36536
Popov N D 22516
Popov S 32781
Popov S E 41674
Popov V I 41684 45657 45678
Popov V M 55185
Popova A A 9916
Popova E A 25763
Popova E V 34625
Popova L D 55791
Popova L M 33475 34698 34721 34786 45175
Popova N A 28803 34766
Popova O L 36587
Popova S N 25764
Popović D 27862
Popović F 22354
Popović I 29392
Popović I-B 35060
Popović J 21950 27870
Popović S 9950
Popović S S 51705
Popovici C 6296 28421
Popovici M 34501
Popovici N 43782
Popovici V 28858
Popovskii A A 18203 32551
Popp R A 44118
Poppe A 42923
Poppe E 10376
Poppe I 34561
Poppe J K 36288
Poppel M H 12687
Poppell J W 54405
Poppen J L 51320 51551
Popper H 5407 31285 34942 40261 46954 51288
Popper J 5021
Popper L 55375
Popper M 43781
Popplus H 21986
Poppov G 29091
Pór F 31793
Porcellati G 5471 37393 44798
Porcher P 36658 49153
Porchet A 40647
Porchia I 19269
Porcile E 15479
Pordanov B 46310
Pordarson O P 28958
Porębska A 53210
Porfir'eva R P 33566

Porges O 27539 49690
Porgess A 36535
Porin J 32373 43765
Pornoy R A 15739
Poroshina A A 55852
Porras R F 16978
Porretto H 32061
Porrini A 51618
Porro (Mme) 29186
Porro A 26634
Porro G 8546 9342 31654 53752
Porro de Pizzolanti C 36848 38861
Porstmann W 15863 55549
Pórszász J 29173 35374 35377
Porta C 29653
Porta E 31766
Porta R 29666
Porta V 54269
Portarski G 32779
Porte A 47345 48898
Portela E M 8768
Portella A 53781
Portelli M 36589
Portenar M A 4573
Porter A D 48182
Porter A M 53274
Porter D F 14581
Porter E C 41096
Porter F S 30134
Porter G R 19573
Porter J E 44272
Porter K A 31590 47572
Porter M R 13325
Porter P 40736
Porter R 25158 48180
Porter R E 49261
Porter R P 44090
Porter R R 10839 19476
Porter R W 20874
Porter W L 49003
Porterfield J S 22296
Portheine H 1315 13355
Portias L H 45032
Portier A 432
Portilla J 13901 43938
Portillo B 24326 25669 30409 35625 36837 36839
Portillo B L 36842
Portillo J M 1556 1557 47834
Portin B A 1240 22006
Portman O W 1353 12516 25418
Portmann G 9080 13024 41121
Portmann M 9064 9075
Portnova N G 25749
Pôrto G 53873
Porto R 33093
Portolano F 44341 53776
Portolés A 29541
Portugal A 16129
Portugalov V V 34765
Portuondo de Castro J M 13549
Portych L 38459 38471
Porudominskii I M 45178 45613 55154
Posch E 30295
Posch J 24229 25221
Posch J L 11777
Poschel P H 4933
Poschyachinda D 52822
Poser C M 69 262 263 1139 43122
Posey E L Jr 19280
Positano V T 41041
Poskalenko A N 33173
Poslavsky A 15824
Posner A 15736 15745 49395
Posner A C 20080 35956
Posner A S 4401
Posner L B 20080
Pospelova V V 55804
Pospíšil L 11360 44213
Pospíšil M 39264 42989 55462
Possati S 35980
Posse N 35274
Posselt E R 8931
Possenti B 42805
Possner W 22927
Post C F 11563
Post F 3777 6433 16000
Post G W 15543
Post J 11544 30150
Post L T Jr 47034
Post R H 35695
Postell T 31652 31653
Postelnicou D 41641
Postelnicou N 41641
Posternak J M 44968
Posth H E 54355
Postic S 14491
Postlethwait R W 1223 46520
Postma C 23701
Postman L 5032
Postmus S 36188
Postnikov R P 33212 33216
Postnov Iu V 20274
Postrigan' P A 6009
Póta L 3607 34288
Potacs W 22830 22887
Potapova E P 55779
Potekaev N S 22501
Poteliakhoff A 18810
Potgieter M 608 16255
Pothier L 48332
Potié M 18083 26231
Potměšil M 2751
Potoczek S 8065 8102
Pototschnig C 29737 42781 42804
Pototskaia L E 12112
Pots P 18324
Potter B A 31322
Potter B J 48224
Potter E de 7320 21647
Potter G J 12960 47310
Potter H W 53603
Potter J L 16914
Potter M 17782
Potter T A 10121 40605
Potter V R 49456
Potts A M 47040 47042
Potts D G 37634
Potts E J 35658
Potts R B 48442
Potts W H 47610
Potts W J 25034 25050
Potuvnik V 55839
Potužník V 2774 11135
Potvliege R 35245 35422
Potyl'chanskii L S 33244
Pou J W 34933
Pou Díaz J 16117
Pouget R 47435
Poulain P 43758
Poulhes J 20670 53419
Poulin J E 5311
Poulizac H 13478
Poulsen E 23998
Poulsen H 7485 10622 22400 23540 27102 34945 47574 52727
Poulsen H E 27099
Poulsen N H 35841
Poulton E C 796 2125
Poulton E M 28176
Poumailloux G 51504
Pound A W 5616
Poupa O 38203 38204 38260
Poupart B 53028
Pouplard L 38765
Pourquier H 12690 41404
Pourquier M 15138
Poutasse E F 27826
Pouthier 25459
Poutrel F 32043
Pouyanne L 27726 41123 41376
Pouzik V I 21400
Povaliaeva A T 33174 33360 33361
Povalski A 8571
Povalski H 17932
Pover W F 52348
Povoleri F 6926
Povolný D 28418
Povolotskaia G M 10933
Povorinskii Iu A 46301
Powe W E 50550
Powell C C 47200
Powell D V 20077 43311
Powell E D 50055
Powell J 16679 40339
Powell J F 13704
Powell J H 18410
Powell L W Jr 60 19841
Powell M 50666
Powell R W 40272
Powell S J 24709 54501
Powell T O 22739
Powell V 54922
Powell W H 2334
Powelson D 5085
Power D J 38049
Power F R 22724
Power J G 41420
Power M H 30104 49703 50436
Power S 41835
Powers B S 12511
Powers D 45812
Powers D K 17475 24708
Powers E L 15665
Powers H W 41787
Powers J H 10095
Powers R 40833
Powers S R 43169
Powers S R Jr 10134 20057 48392
Powers T R 24464
Powers W E 24661
Powers W F 50185
Powers W T 17121
Powsner E R 50734
Powsner R M 50734
Poynter F N 2183 14309
Pozhidaev E A 33292
Pozmogov A I 10814
Poznanska H 44614
Pozo O O 20658
Pozovskii I S 54564
Pozza F 53754
Pozzato R 6927
Pozzetto H 50557
Pozzi G 29649
Pozzi L 5876 25605 25617
Pozzi P C 6856 29628 29631
Prabhu K A 29823
Pracht W 53086
Pracy D S 37702
Prade 35048
Pradeau L 36630 36633
Pradel L A 15115
Prader A 19642 21609 39908
Praderi L A 25942
Praderi R C 25945
Prades C M 26857
Pradhan M G 27993
Pradhan S N 5441
Pradillo J A 3673
Prado F C do 8756
Prado F N 21077
Prado J M 27202
Prado Vértiz A 39441
Prager M D 10258
Prager P 46365
Prakash S 17451 46863
Prakken J R 7286 38870 52479
Pramer D 28221
Prandi Farrás F 295
Prang H 33555
Prange I 3473 19525 46699
Prangley R R 54283
Prankerd T A 3454 17967 26128
Prasad A 24437
Prasad B G 5159
Prasad K C 17445
Prasad L S 16324
Prasad S 4234
Prašek V 53844
Prasertsuntarasai T 40238
Prásil K 55720
Praslička M 38253
Prasz S 41965
Praszałowicz B 20461
Prat C 1454
Prat H 54886
Prát V 48582 48607
Prat-Flottes 7073
Prata M 29357
Pratesi G 8056 44811
Prati P L 1867 15246 29640 37466 37467 49581
Prats F 44570
Pratt C C 31555
Pratt C W 50307
Pratt D A 28998
Pratt D B 7142
Pratt D R 16987
Pratt G H 10087
Pratt J H 12400 52832
Pratt J P 38574 45931
Pratt P C 12465 24724
Pratt R 40386
Pratt R T 6132
Pratt-Johnson J 24572

Pratt-Johnson J A 47047
Pratt-Thomas H R 12382
Prausnitz C 19395 50007
Praverman A 31978
Pravotorova E L 49423
Prawecka M 33705
Prawerman A 21299
Pray L G 17613
Prcić M 51706
Pré le Roux J J du 21817
Preat S 47739
Preault 32872
Prec O 1246
Přecechtěl A 14838
Preda G 31128
Preedy J R 29002
Preger L 40913
Prégermain S 15074
Prehn R 24278
Preiser J 11054
Preiser W 42932
Preisig R 12957
Preisinger A 22848
Preiskel L 36293
Preisler O 18995 29420
Preisová J 14827
Prem K A 4443 8823
Premsela H 13435
Premuda B 53764
Premvati 51008
Přenosil J 14894 48651
Prentice T C 49376
Prentiss R J 33124
Preobrazhenskaia N A 34818
Preobrazhenskaia N K 33645 34627
Preobrazhenskii B S 55214
Preobrazhenskii N A 55226
Preobrazhenskii V V 22557 22569
Přerovský K 31787
Presber W 25346
Prescott B 1295
Presl J 14808
Presles A 14363
Press P 41935 43781
Pressat R 45938
Pressey S L 3795
Pressler C R 40401
Pressley T A 18391
Pressman D 4251 9572 16349 20780
Pressman J J 36278
Pressman L P 28812
Presti F 19178
Preston A 2842
Preston F W 146
Preston F W 54778
Preston G C 50851
Preston H 40446 40447
Preston J E 46372
Preston N W 5698
Preston R D 29854 52287
Preston R H 11584
Pretel'-Martines A 19098
Preto Parvis V 37333 37334
Pretolani E 48123 48126
Pretorius P J 41463 54503
Preusche W 15364
Preuss F R 1586 13358
Preuss H 7427
Preuss R 1325
Preussmann R 36934
Preux T de 53313
Prévost A 12994
Prévost G 38703
Prévost H 12994
Prévot A R 13029 13040 13043 15084
Prévot J 25486 31975 54063
Prévot R 23714
Preziosi P 9278 9286 9294 9302 9312 21434 36560
Priadarmodjo T 40106
Priakhin I I 10884
Priano D 9681 32433 43922
Pribilla W 42935 54355
Pribluda S 21793
Price A B 15912
Price A U 18394
Price A W 52819
Price C H 4804
Price D E 51728
Price E A 32508
Price E B 16565
Price E W 18512
Price H L 959 24762
Price J B Jr 5261
Price J M 4769 50968 55140
Price L 22022
Price M A 51011
Price M L 959
Price P B 12840
Price R D 22169
Price S A 41306
Price V E 17774 41183
Price W H 548
Prick J J 15825 15835 49626
Prickman L E 42810 49182
Pridham J B 19517 52310
Pridie K H 40638
Priegnitz F 27448
Prien E L 5390 41239 50988
Priest E M 12215 16824
Priest F O 40298
Priest R 35504 53237
Priest R E 13875
Priester E S 34260
Priestley J O 50642
Priestley J T 152 10124 13165 22098
Prieto A 41778
Prieto J G 3985
Prieto Lorenzo A 18863 42240
Prietto C A 17491
Priezler J 11067
Prigal S J 19905
Prigge R 25165
Prigmore J R 34833
Prignot J 24124 43783 50554
Prigot A 867 25017 25129 35874
Prigozhina E L 55323
Prilima G la 49535
Prijot E 43348 48401
Primac D W 50911
Primachenko N B 55823
Primak F la 9853
Primász P 51426
Primavesi K A 25252 34072 43316
Primeau B 51560
Primo G 35053
Primrose D 48341
Prince J E 2669
Prince J H 24583
Princi F 11590
Principe V 29695
Principalle M 31722 53809 53810 53811 53830 53831
Prindle R A 44266
Pringle M L K 33549 33554
Pringuet R 37861 37862
Prino G 27431 48096
Prinsley D M 53291
Prinz F 33541 45790
Prinz H 22181
Prinzie A 1086
Prinzmetal M 31646
Priola I 29570
Prior C 35008
Prior J T 12678 22035 48496 54721
Prior M M 30646
Priori R 25638 32127 32133
Priovolos J 10325
Prisco A 9337
Priss I S 22160 45163
Pritchard B S 28008
Pritchard E T 14627 41207
Pritchard J A 7599 22068 35748
Pritchard W H 38492 38493
Pritchett N L 45077
Pritikin R I 3527
Pritzker H G 38012
Privalov P L 47995
Privat Y 37859
Privat de Garilhe M 3034 13762
Přívora M 38158
Priwesenzewa S N 15334
Prizhivoit I F 37218 48044
Prlina I 3
Probine M C 52287
Probst J 392 35578
Probst J Y 53316
Probst V 9520 18938
Proca G 9245
Procaccini S 44349
Proček J 35044
Procel E 17651
Prochacki H 44183
Procházka J 22212
Prochazka P 15664
Prochianiz 42446
Prochorow M 27608
Prockop D J 20502
Procopio-Valle J 40677
Proctor D F 10412 16812
Proctor L D 39926
Proctor M H 19571
Proctor N S 2024
Proctor R C 6524
Prodescu V 9478 27714
Prodi M P 52073
Prodromov A 32793
Proewig F 42381
Profazio A 30354
Proffit W R 50138
Proffi E 13365
Profirov D 16426
Proger S 50705 53567
Prohaska E 46242
Prohaska J Van 20684
Prohászka L 23776
Prokasy W F 17260
Prokhorov V M 51181
Prokof'ev A A 1735
Prokof'ev V R 45864
Prokof'eva E G 33337
Prokop H 22892 25383
Prokop J 49358
Prokop O 1788 15317 27150
Prokopec J 15865
Prokopets I M 52949
Prokop'eva G A 45190
Prokopová W 30725
Prokopowicz J 10529
Proks V 14815 38274
Prokůpek J 38353 48667
Prom Reyes M 3842
Pronko N H 5122
Proosdij C van 29958 29969
Proosdij-Hartzema E G van 307 309
Propper N S 10842
Prorvich L V 45649
Proscia N 36810
Prosdocimi U 21490
Prosetskii P A 49798
Proshunin K T 45858
Proskauer C 2364
Prosser I 32096 35010 51976
Prost E 33691 33698
Prost M 33688 33752 33769
Prostiakov K M 33629
Prot D 17997
Protar M 31120
Protas I I 34769
Protasevich E S 33235
Prothro E T 26086
Protic D 31911
Protić M F 51681
Protić-Hlubička D 27868
Protivinsky R 22836
Protopopov I I 45888
Protsenko A E 33651
Protti G 29685
Protto C 13915
Prou-Wartelle O 22224
Proudfit W L 2939 41015
Proudfoot R 2084
Proulx A 33412
Proulx L J Jr 12236
Prout M 1403
Prouty R L 49479
Prouty R W 5270 13803
Prouvost-Danon A 39260
Proux C 17998 32384 41384
Prova M 19185
Provasoli L 25116
Provenza D V 20155
Provenzale L 21003
Provenzano F 31628
Provins K A 5788
Provis P 25488
Provvidenza G 23761
Prowse C B 54921
Prowse C M 45057
Prozorovskii V B 49431
Prpić I 23684
Pruce A M 45094
Pruche A 43770
Průchová J 23005
Prudden J F 5261 10114 10136 49253
Prud'homme J 33417
Prud'homme N 38702
Prudhomme R 47381
Pruitt J C 43132
Pruitt R D 2907 2908
Prunet 54006
Prunier R 24754
Pruniéras M 2384 2403 41941
Prunty F T 20696 36067 37693 53523
Pruvot M 23896
Pruzansky J J 24311
Pruzhinin Iu M 55860
Pryce I G 50836
Pryce J 2903
Pryer D L 29000
Pryles C V 7863
Pryor J W 55030
Prystowsky H 7603 7623 35738
Przedpelski J 30759
Przemycki J 53221
Przetakiewicz Z 30851
Przheval'skaia L A 31222
Przhezdetskaia I K 45143
Przibram K 7226
Przybora L 37609
Przyborowski R 11240
Przyborowski T 33813
Przybyl L 8101 43668 46193
Przybylkiewicz Z 20190 33699
Przybylska H 7824
Przyjałkowski Z 33753

Psenner L 15847
Pshenichnov A V 55775
Pshenisnova T F 6040
Pshennikova M G 47984
Pshkova R I 55859
Pšorn V 51713
Pstragowska W 30406
Psujowa Z 30803
Psychoyos A 38729 48866
Ptácek M 34172 48625
Ptáčková B 33957
Ptitsyn B V 1728
P'u S T 14946
Pubols B H Jr 5023
Puca A 8608 44347
Puccini C 42707 51651
Puchetti V 27628 54943
Puchinskas I P 31183
Puchkov N V 49529
Puchot H 32026
Puchowski B 8077
Puchulu F E Jr 31034
Puck A 3744
Puck T T 13261 22595 28329
Puddu P 27359
Pudelski J 16045
Pudenz R H 26647
Pudlák P 2731 48057
Pudritzki G 46186
Pudy G 12943
Puebla L C 3311
Puebla M M 26721 8989
Puech H 28376
Puech J 9656
Puech P 7042 7043 7044 7045 7046 7047 7048 7051 7052 7053 7054 7056 7057 7058 7059 7765 36672
Puente Domingues J L 44513 44524
Puente Duany N 2326 13525 13534 46732 47830 47832
Puente Pereda F 43940
Puffer J 47202
Puffer R R 14476
Pugachev A G 20280 45627
Pugachevskaia E F 18900
Pugatsch I 39878
Puggioni G 6895
Pugh L G 48279 49321 52384
Pugh M 2087
Pugh M H 32625
Pugh P D 18071
Pugh R C 37669
Pugh R J 2152 5612
Pugliese C 32875
Pugliese J 32181
Puglisi A 44814
Puglisi N 42665
Puglisi P 47503
Puglisi T A 24999
Pugno Vanoni R 13104
Pugovishnikova M A 12108
Pugoy R 35782
Puhali N 51959
Puig P G 54470
Puigdollers Colas J M 9756 31484
Puigvert A 1543 21227
Puiman V 33601
Puisieux F 24788
Puissant 53373
Puister G J 12037 12045 12046
Pujato M R 53355
Pujman J 35034
Pujol 41475 41476 41477
Pujol H 54116
Pujol J 35535
Pujol R 29195
Pulatov A M 55309
Pulatov R P 45245
Pulcinelli M 19192 19193 27647
Pulcini A 20400
Pulcini D 10536
Pulido R 48667 53942
Pulido Martín A 13542
Pulido Simeon G 13549
Pulido Valente J L 26894
Pulimood B M 40100
Pulkkinen M 24842
Pullan J M 53531
Pullara S 43886
Pullman A 48838
Pullman B 48838
Pullman D R 44289
Pullon D H 26095
Pulver R 36577
Pulver W 9539
Pulverer G 55498
Pulvertaft R G 28465
Pulvertaft R J 28299 51015
Pumper R W 31331
Pumphrey A M 37117
Punakivi S 27295
Punchev G 28710
Pund E E Jr 12363 36325
Pundel J P 24129 31895
Punekar B D 28567
Punsar S 24834
Punsar S 24869
Punsalli E E 55808
Punt K 11982 38816
Punte C L 23376
Puntereri A J 34431
Puntigam F 46236 52252 55486
Punzo Gaona A 48740
Pupato F 54330
Pupi R E 20646 21786 32460
Pupilli G C 48116 48117 48118
Pupkevich-Diamant Ia S 28824 45237
Purać L 32839
Puranen A L 32224 47488
Puranen J 47488 49209
Puranen U R 24866
Puras E 44504
Puras Muñoz E 44512
Purdy C 37940
Purec L 25721
Purhonen R A 7536
Purice E 34256
Purin V R 10949 33562
Purini T 27627
Purinton M 27083
Purita F 51644
Purola E 49206
Purpura D P 27323
Purpura G 1118
Purriel P 33012 54470
Purse F M 40339
Purser B N 18761
Purser D W 13299
Purshottam S 49478
Purves H D 36977
Purves M J 41869
Purvis J L 19488 37119
Puscariu V 23663
Puselja M 52239
Pushkarev A D 28821
Pusic G 3596
Pusík V 1 25853
Pusztai A 19461
Puthod 28369
Putkinen T 36033
Putkinen T J 36022
Putnam C 16592
Putnam F W 40504
Putnam L E 40440
Putney F J 125 1199
Putois J 44780
Puttarajurs B V 50520
Putterman A 30187
Putzier E A 12226
Puy E 15526
Puyó Villafañe E 21787
Py C 15887 39423
Py R 14368 14384
Pybus M B 19644
Pye A 3132 3134 3139
Pygott F 53527
Pyle H M 4499
Pyle M M 8559 12799
Pylkkö O O 46599
Pyörälä K 24866 24869 46874
Pyörälä T 36034
Pyper J B 4798
Pyrah L N 2142 44066
Pyrkosch W 7379
Pystynen P 36011
Pytel' A IA 10789
Pytel I 33706
Pytel L 30737
Pyzik S W 43125
Pšecechtel A 55215
Quaas M 11132 15352
Quadbeck G 42304
Quadling C 2564
Quaedvlieg R F 25143
Quaele J H 16555
Quaglia C 31116 42677 52112 53711
Quagliariello E 3437 13981 13982 15016 31674 31675 39913 52331
Quaglino D 26029
Quaide W L 5937
Quaife J V 53120
Qualo R 397 23014 52203
Quan C 13390
Quan S H 54691
Quandt J 390 49049
Quarenghi F 27756
Quaresma S 42194
Quarles van Ufford W J 39549 49769
Quart A 20138
Quarta A 9292 25608
Quarti M 42778
Quarto di Palo F 35534
Quarto di Palo F M 37516
Quasdorf I 42456
Quast W H 19735 36863
Quastel J H 579
Quastel J H 5219 8342
Quastler H 28522 36335
Quatermass M 14113
Quattlebaum F W 35887
Quattrin N 42657
Quattrocchi G 54256
Quay W B 12552
Queenan J T 24984
Queirolo C 1507 1508 36732 36767
Queirolo C A 36849
Queirós A C de 8774
Queiroz J M de 53849
Queisser H 38432
Quelce-Salgado A 49978
Quemada Siniega J M 44505
Quentel 31940
Quénu L 28681 41466 41473
Quenum A 13011
Quenzer K 6018 21632
Queralt Cullerés I 8885
Querci M 51956 51957 51966 51967
Quercy J 32369
Querido A 15826
Querner H 34171 55533
Quero R 41005
Quersin L 25483
Quersin-Thiry L 1086 1092 5153
Querze R H 24684
Quesada C A 21797
Questin A 15965
Quevauviller A 3079 12990 32947 54897
Quevedo W C Jr 31303 44141
Queyrat L 31502
Quichaud J 45001 47431
Quick A J 744 5451 11923 22222 48710
Quick B 29302
Quicke J 983 36093 47427
Quickel K E 494
Quickstad Q 22734
Quie P G 41269
Quigley J A 43331
Quigley L F Jr 24684
Quigley M 28102
Quigley P J 41097
Quigley T B 45273
Quijano M 21155 43942
Quijano Pitman F 36843
Quilichini F 32936
Quillec A 1463
Quillette S 11553
Quilliam R L 26059
Quillian W W 28601
Quin L D 19546
Quinby G E 11603
Quinby W C Jr 19851
Quince P 53069
Quinchon C 32044
Quinet A A 18822
Quinlan A G 40628
Quinlan J J 38038 48521
Quinlan M 17545
Quinlan R V 27063
Quinn F A 15012
Quinn F B Jr 33030
Quinn G P 5107e 51079
Quinn R H 32512
Quiñones A 53912
Quiñones P A 31812
Quint K R 46843
Quintenz R 3233
Quinterno J 5877
Quintero Bustamante G A 8224
Quinteros C M 44578
Quintiliani M 53805
Quinton A 35181
Quinton K J 52654
Quirion C 10656
Quirno N 21045 39104 39130 51618
Quiroga M 4005
Quiroga M I 15502
Quiroga P 8211
Quivy D 9027 26796 31912 38637
Quivy J 26275
Qurdn Quevedo T 1584
Raab W 13004 22793 26508 26509
Raacke I D 1387 53703
Raal A 13802
Raaschou F 11629 45507
Rabaey M 13061 24882 38764
Rabago J 38506
Rabau E 4876
Rabbiosi G 3905 42554

Rabedeau R G 21684
Raben A S 33485
Rabeneick F 23141
Rabin B R 1663
Rabin J 39819
Rabino ... 19231
29651
29674
Rabinovich L 8693
Rabinovich M 8155
Rabinovich M Ia 23264
Rabinovich M Kh 33486
Rabinovich R M 6642 45239 45744 51210 51749 51765
Rabinovich S I 44015
Rabinovici N 16399
Rabinovitch B 31292
44074
44075
Rabinovitch J 1213
Rabinovitch M 20733
Rabinovitch M S 4375
Rabinovitch P 1213
Rabinovitz M 37677
Rabinowicz T 9154
Rabinowitz D 9787
9804
Rabinowitz J C 1268
Rabinowitz J L 3597*
Rabkin L 42142
Rabkin R 41267
Rabkina A E 31149
Rabl R 25812
28383
55642
Rabo E 54823
Raboch ... 38265
38276
38345
Raboni F 47813
Rabotnova I L 33152
Rabotti G C 7732
55648
Rabourdin 43760
43764
Raboutet J 51483
Rabson A 2842
Rabson A S 135
38092
Rabukhin ... 22153
51200
Rabussier H 45022
Raby C 13042
Racadot A 38753
Racadot J 26699
Racamier P C 15659
36118
44648
Race G J 509
Race R R 542
10965
33667
Rachev D 28750
Rachid D 21052
Rachid J 8662
Rachlewicz J 30788
Rachmilewitz M 2682
15482
Rachmilewitz M 16397
Rachoń K 33693
33694
Rachou 24251
42441
Rachou R G 44428
Rackemann F M 16523
16524
35000
Racker E 40477
44581
49468
Racker H 53638
Rackis J J 25423
Racugno V 20997
31658
Racusen D 50348
Rácz I 13882
Radcliffe M J 47730
Radde I C 52395
Radding C M 17328
37121
Radejko R 45422
Radelet 54989
Rademacher R 49022
Rader V 24641
53659
Raderecht H J 23591 23594 23602 23608 23624
Radermecker M A 36190
54105
Rădescu R 44011
Radewan M G 118
Radha P D 40091
Radian I 6933
Radić J 6630
Radicchi R 6850
Radice J C 9723
Radigan L R 17461
Radike A W 40769
Radin N S 6756
Radinger N 39167
Radionova E A 49522
Radke H 39399
Radkevich R A 31234
Radkin P P 21931
Radler F 47651
Radley J M 49852
Radley M 19648
42173
Radlow R 17099
Radman H M 21801
Radman I 35064
Radmanović B 28612
Radner S 35072
Radnót M 20127
Radnóti-Recht I 39736
52174
Radó J 11174
Radochay L 34548
Radoicvitch S V 41127
Radojčić B 27874
Radojčić V 27874
Radomski J L 13738
23380
Radosavljević M 21956
Radoslavov L 32791
Radouco-Thomas C 21343
Radović P 9965
32612
Radovici L 6933
Radovici V 44004
Radt P 39554
Radtke H 35258
36489
Radu I 13067
46271
Radu ... 9459
Radulesco J 26266
Rădulescu A 9480
Rădulescu D 43999
Radushkevich V P 22523
Radwan S 33776
Radwańska U 30394
Radzialowski R 16213
Radziminski A 9072
Rae J W Jr 17769
Rädel G 32696
Rälhä N 49894
Raekallio J 21990 23465 23958 24870 27124 27137
Räntsch F E 42294
Räsänen J 24809
Raettig H 34478
Rasuber J 24279
Raevskaia G A 18292
Rafaeli P 35065
Rafaelsen O J 18466
Rafalovich M B 45205
Rafałowicz A 53144
Rafalski H 20233
Rafes Iu I 9879
Raffaele A A 43910
Raffaele J F 20646
21786
32460
Raffaldoni E 48102
Raffauf H J 38978
Raffel S 28333
Rafferty F T 24595
Raffetto E C 6518
Raffi A 8880 24285 24295 24298 25462 30467 32197 46858 53015 53022 53024 54707
Raffo O H 20644
Raffo del Campo M A 44405
Raffy A 26668
Rafiński T 30394
Rafsky J C 35686
35687
Raftopoulo J A 16109
Ragaglia G 21503
44815
Ragaini S 52083
Ragalia G 44844
Ragan C 10420
12338
Ragan N 8531
Raganeau R 54064
Ragazzi A 43857
Rageau J 14456
Raggio R 21198
Raghavan N G 4166
Raghavan N G 16280
Raghupathy E 3440
28577
Raginis Z 31536
53225
Ragland J B 1366
Ragland J E 22032
Ragina 1366
Ragonese P 9403 13950 13955 13956 37439 54248
Ragoza V I 12160
Ragozzino D 8619
Rahardjo Nitisapoetro R M 6330
el Raheb V 34050
48061
Rahm U 11304
Rahm W E Jr 36266
Rahman S A 40106
Rahn J 23034
55668
Raíces A E 44391
Raichev R 45286
Raichev Zh 20748
Raicheva L 45287
Raics J 51420
el-Rafi F 4949
Raikher L I 55775
Raila F A 49989
Raileanu C 27446
Răileanu I 9459
Raimbert P 3713
Raimondi A 53767
Raimondo A 21249
53348
Raimondo G 35015
Raina P N 49291
Rainbow C 5093
Rainey J J 39302
Rainey J R Jr 17919
22171
Rainov R 28713
28751
Rainsford S G 41421
41423
Rais O 11886
Raisbeck A P 10489
Raisz L G 5265
50449
50450
Raitses V S 7800
49537
Raitzin A 9667
Raizada I N 27992
Rajagopalan K V 13723
Rajam P C 31350
Rajam R V 5180
14178
48246
Rajani G 9331
Rajbully A 55098
Rajchman L 38714
Rajeswaramma V 4232
Rajevski V 48909
Rajewsky B 9993
Rajić S 9950
Rajka G 32850
Rajka G Jr 23530
38871
Rajka Ő 52893
Rajković A 27875
51704
Rajkovits K 25375
Rajpert H 30804
Rajski A 33726
Rák K 7717 11196 11198 11199 23750 27184
Rake G 36248
Rakel R E 2910
Raker C W 4647
40402
40403
Rakhmalevich F M 22496
Rakhman E Z 34657
Rakhmatullin I M 3572
25735
Rakić C 51725
Rakita L 33068
52614
Rakitianskaia A A 8264
Rakoff A E 10075
13188
13219
24130
Rakos R 7710
Rakov A I 55190
Rakova S S 25744
Rakovec S 33445
Rakower J 15547
34883
Rakower W 20134
Rakowska D 20424
Rakowski W 30720
Rakowszczyk M 39786
Raleigh I 52291
Rall J E 19818 49243 49244 49245 50456 50457
Rall' M B 41533
Rallo A 24950
Rallo Romero J 44489
Ralphael S S 47000
Ralston B L 19884
Ralston H J 40172
Ralston H J III 478
Ralston L S 12362
Ramacciotti F 15508
Ramachandran L K 47710
47953
Ramachandran S 11756
Ramadier J O 9211
Ramaekers L H 51407
51409
Ramage R C 21851
Ramaiah A 37118
Ramakrishna V 25060
Ramakrishnan C V 4178 16297 27413 40069 41261 42986 47629 49291
Ramakrishnan T 17439
Ramalingaswami V 15756
Ramamurthi B 5170
Ramamurti K 15638
Ramamurti P 130
Raman G 50412
50433
Ramanaman-jary W 24905
38732
Ramaswamy N 40091
Rambach W A 31443
54776
55888
Rambaud A 30453
Rambert P 26660
53432
Rambert R 26822
Rambo J H T 6218
Rambo O N Jr 22311
Ramdas E J 28281
Rameau-Vartille (Mme) 32380
Rameix J 37929
Rameix P 8881
20801
53564
Ramel C 9545
43814
Ramel F 27844
Rameseghi M 52073
Ramey E H 14345
Ramey E R 44098
Ramgren O 32210
35172
Ramioul H 1339
21321
Ramirez A A 8015
Ramirez G A 38071
Ramirez M 24038
Ramírez Aguilar N 13906
Ramírez Guedes J 8817
44485
Ramírez Sánchez J 21146
Ramírez Soto E 39619
Ramírez Villaseñor J J 3843
Ramírez Zapata N 7595
Ramisz A 33780
Rammelkamp C H Jr 33043
33068
52614
Rammler D H 47702
Ramón Boquera J 6111
18347
Ramon G 9173 9179 9374 21307 44691
Ramón-Guerra A U 1561 36849 36859 36860 47838
Ramonova A M 20282
Ramoo H 16284
Ramorino M L 15867
49583
Ramos A 44658
Ramos A O 18849
Ramos A V 35960
Ramos C F 8787
Ramos E H 24043

Ramos J R 21068
Ramos O 1568
Ramos P de O 8749
Ramos R da C 13618
Ramos Feria E 39973
Ramos Galván R 13897 13898 48078 48082 48083 48085 48086 48087 48088 48089 48090
Ramos-Morales F 37247
Ramos-Oller A 30663
37249
Ramot B 4876
37227
Rampal M 18641
35046
51446
51460
Rampini G F 6285
Rampon R 1420
Rampon S 9233
49641
Rams J J 34963
Ramsay A M 26132
Ramsay F L 33078
Ramsay G S 31273
Ramsay R 8286
Ramsay R A 41313
Ramsay W N 349
Ramsdale C D 25060
Ramsey F B 17464
Ramsey G H 14963
48704
Ramsey H H 7248
Ramsey R 17017
Ramsey R H 36302
Ramstad E 50256
Ramzy I 44235
Ranadive K J 27984
40085
40086
41188
Rancati A 6908
Rancati G B 331
333
Rancurel P 3045
Rand M J 41345
41821
48238
48331
Rand P G 41235
Rand R N 20723
Rand R W 37821
Randaccio M 30344
42734
Randall A IV 19134
Randall C C 5637
44153
Randall C L 13886
38603
Randall H 31414
Randall H T 10080 22028 22088 24189 48541
Randall J E 14992
Randall J T 40596
Randall L O 39156
Randall L O 55003
Randall O A 20897
Randall R E Jr 7072
Randall R V 24433
33049
Randall W S 50188
Randazzo S D 20973
Randerath E 39003
Randle P J 15630 25874 25875 28971 39220 40800 40801
Randolph J G 52632
Randolph M L 31606
Randolph T G 50012
Randt C T 5509
Rangam C M 27986
27987
Ranganayaki S 4348
52292
Rangel L 5189
Rangiah P N 14178
48246
Rank B K 18752
18760
Ranke B 35738
Ranke E 35738
Rankin D W 42093
Rankin J 15054
Rankin J D 5649
Rankin N 15054
Rankov B G 16416
Rankow R M 13347
Ránky L 52912
Ranney A F 27257
Ranney B 45072
Ranney R E 15006
31436
Rannick G A 12850
Rannie I 14177
Rannon L 291
Ranque J 15131
51512
Ransohoff J 4874
Ransom H K 22054
Ransome G A 2163
Rantakallio P 54645
Rantasalo I 24886
24896
52743
Rantz L 37940
Rantz L A 5273
14537
30111
Ranzenhofer E R 31374
54544
Rao A B 28477
Rao B R 27972
27973
27974
Rao D R 40548
Rao K V 1289
35621
Rao N A 13701
Rao N V 14178
Rao P S 27972
27973
27974
Rao R L 17414
Rao S S 54411
Rao V K 4232 17453 28000 40912 50605
Rao V N 4200
Rao V S 41304
41305
Raoul Y 28060
Raoult J 25509
Raoux J P 24293 24295 25462 43963 53024
Rapacz J 19679
Rapant V 38441
Rapaport A 27567
Rapaport D 20824
Rapaport E 2905
Rapaport G M 40753
Rapaport I 43950
Rapaport M 8171
Rapaport S I 17584
Rape W C 50794
Raper A B 55062
Raper F P 20715
Raper J R 34397
Raphael S E 2636
34952
Rapić S 18516
Rapin M 2476 8243 38728 38739 48867 54157
Rapoport K M 22622
Rapoport M 43865
Rapoport M Iu 28821
Rapoport S 23620
23623
49909
Rapp H J 28432
Rappaport A M 12925
Rappaport E 53635
Rappaport F 234
Rappaport I 3365
4461
Rappaport M B 13291
Rappe A 10187
Rappini F 1955
Rappoport M S 33618
Rapport M M 38061
38062
Raquet B 22343
Rasch E 25901
Rasch P J 12489
Rasch W 36482
Raschellà D 44800
Raschke E 22071
29121
Rascovsky A 21245
Rashev M 16407
Rashkind W 51043
Rashkis H A 11658
Rashmaev P V 3835
Rasi H B 24670
Rask-Nielsen R 41182
50882
50883
Raška K 28400
Raskin H 4146
Raskin H F 50217
Raskin N 12626
Raskin N 35900
Raskina E S 25732
Raskind R 21868
Raskova E 39328
Raśková H 38230
38231
38247
Rasmont R 38764
Rasmussen A F Jr 2699
Rasmussen H 23691
32349
36530
Rasmussen H K 27258
42066
Rasmussen K 23839
23845
Rasmussen L S 7536
Rasmussen O 11084
Rasmussen P S 40499
Raso M 9315
Raso P 8736
Rasovic 54620
Rašović L 21953
32611
54609
Rasponi L 25554
Rassokhina L I 47853
Rasstrugin N N 18181
Rastelli M 9596
Rastgeldi S 35265
45329
45330
46703
Rastvorova A A 46293
Raszeja S 43656
Raszeja-Wanic B 30784
30793
Ratcliffe J 19665
Ratel J 53029
Ratenberg N S 11469
36358
Ratenberg S N 11470
Rath C 27509
Rath C E 7412
Rath C K 10980
Rath R 26547
Rathbun J C 48463
Rathbun L S 12396
Rathe G 44591
Rather L J 27375
38967
Rathgeber M H 52313
Rathgen G H 9986
10012
46176
Rathke F W 3262
Rathmell T K 9760
45045
Rathod N 17731
Rathod N H 8500
Rathová E 26547
Rathová V 14796
24214
26562
Raths O N Jr 50448
Raths P 33931
Ratiu O 43995
44003
Ratliff A H 50391
Ratliff R K 5715
Ratnam S 4178
16297
27413
40069
Ratner A C 16825
Ratner B 7866
20252
20253
Ratner G L 36242 12134
33583
45880
Ratner N A 33503
Ratner S 40510
Ratnoff O D 5267
17585
Ratsimamanga A R 38742 38743 48872 48873 48874 53394
Ratti A 53836
Ratti G 31770
Rattner H 50189
Ratto O R 53848
53884
Ratulangie C J 33136
Ratzenhofer M 3733
33536
55370
Rauber 21337
21391
31969
Rauber G 3108 9105 21336 21338 25454 28356 31970 32194 54043 54048 54057
Raubitschek E 23882
Raubitschek F 19453
Rauch H 39243
Rauch R F 34964
Rauch S 9065 20533 21614 30960 42256
Raucher C 25446
Raudnitz H 21671
Rauen H M 46175
49899
49904
Rauen-Buchka M 49904
Rauh C E 17935
Rauh L W 7650
Rauhut K 3217
22984
Raul A 39099
Raule W 29110
Rausch N 11247
Rausch-Stroomann J G 15635
Rauschke J 27131
42261
Rauscher V 47690
Raush H L 50092
Raushenbakh G I 20302
Raushenbakh M O 22615
51771
Rauss K 20158
32296
34081
34082
Raut V S 31462
Rautakoski A 36110
Rautanen Y 24868
Rautenshtein Ia I 19121
33170
Rautlin de la Roy Y de 26954
Rava G 21465
Ravaioli L 31710
31711
31712
53829
Ravasini G 25704
Ravault M 51376
Ravault P 41148
44794
Ravault P P 9235
31732
Ravdin I S 37797
Raveleau R 41410
Raven A M 37598
Raven B H 50106
Raven R W 24175
24195
Ravenna F 3461
49405
Ravenni G 1935
1936
37434
37435
Raventós Moragas A 21142
Ravera J J 6721
8700
37776
Ravera M 6790
Raverdy-Nozal E 9141
Ravesteyn T L van 7338
Ravetta C 37283
Ravich I V 36375
36381
Ravich-Shcherbo Iu A 22683
Ravin A W 25117
Ravin H A 19864
31424
52636
Ravin L J 16712
Ravina A 31088
31103
53382
Ravisse P 14455
47391
Ravitch M M 22030
22074
30131
Ravits H G 24
6958
Ravizza L 9768
9769
19248
32142
Ravkina L I 31236
Ravoire 37878
Ravoire J 37886
37887
37888
Rawak F 6721
al-Rawi S 40500
Rawlings F P Jr 18666
Rawlings W J 29294
29312
29313
29314
Rawlins J S 18069

Rawlins J S 18077
31264
Rawlinson H E 14641
Rawn M L 4919
Rawson D C 12746
Rawson E G 14147
Rawson F L 10119
Rawson R 47131
Rawson R A 47134
47135
Rawson R W 49251
Ray A 17415
Ray A H 11813
Ray A P 4169
Ray B S 48544
Ray C T 15001
23405
50708
50709
Ray D 42959
Ray E H 4493
50701
Ray E H Jr 32081
Ray L J 50408
Ray N H 52288
Ray W J Jr 49470
Raybaud A 43977
Raybin H W 7470 19887 19907 19919 30158 30180 52669
Rayburn C H 32346
Rayel L 31962
Rayford C R 40545
Raymond G 41485
Raymond P 21254
Raymond R 2608
Raymond V 13470
Raymond-Hamet 26852 38650 38688 38709 38713 48801
Raymund A B 55002
Raynaud E J 45006
Raynaud G 14390
Raynaud J 30437
48835
Raynaud M 47411
Raynaud R 415 35604 35605 35606 35607 35608 35609 35610 53401 54464
Rayner J F 19990
Raynolds A H 497
Raynor R B 52588
Rayss T 52284
Razdol'skii I Ia 55850
Razemon J P 18520
29131
Razemon P 29136
54457
Razgovorov B L 22612
Razin S 31435
Razran G 21660
21717
Rdzanek I 31508
Re A 39506
39531
Re M 37512
Read A E 15944
Read A E 28997
36623
Read A W 13182
Read C P 31371
Read G 9971
18728
Read H 21228
Read J 917
13661
13662
17885
Read J C 42174
Read L 48189
Read M K 5938
Read M S 1371
Read W O 9837
Reader G G 17700
Readey W D 16742
Reading P 28472
Reagan J W 24487
Realdon A M 1853
37291
37298A
39510
Reale A 42510
42511
Reales J A 8212
8213
Reali G 25696
Reardon H S 53004
Reardon L 46996
Reaume M B 10850
Reaume R B 7500
Reaves J U 17673
Reay G A 8270
Rebaglati M 39824
Rebattu J P 5337
44669
Rebel A 26934
Reber E F 40410
55008
Reber K 49342
Reber L J 31373
Rebernišak V 10914
Rebocho P R 8775
39992
Rebold R 713
Rebollo M A 26758
Reboud 20520
Reboud E 20519
20522
35051
51446
Rebouillat J 53391
Reboul E 6385
18608
Reboul G 41409
Reboul H 974
Reboul J 5324 5330 41110 41379 41380
Reboul M 6385
18608
Rebrassier R E 4631
Rebuck J W 13222
Reca A B 43855
Recagno Urruti E R 9686
31038
32447
Recant L 20746
Recasens E 46546
Recavarren Barrenechea N 8896
Recca G 39690
Rechenberg H K von 3277
53315
Rechenberger J 360 34148 39049 39050 46069
Rechniewski C 39130
Recht P 1087
35492
Rechtschaffen A 5034
16491
50590
Recine A 13992
13993
Recine H 6923
42712
Recio P M 7998
8011
Reckenzaun G 11316
45960
55588
Recoder Clavell L 44523
Recourt A 40468
Reczek H 30701
Reda G C 32162
Redaelli G 52780
Redaelli P 7118
Redd B L Jr 41153
Redd H 43512
Reddi K K 29815
47957
Reddy D J 4232 17453 28000 40912 50605
Reddy S K 4769
Reddy W J 17023
17034
48332
Redei A 3499
Redeker A G 571
Redell G 54821
Redetzky H 15400
38909
49057
Redfearn E R 37117
Redfearn J W 51087
Redfield B G 17940
Redgate E S 39191
Redi F 3855
Redies H 21632
Redington J V 6996
Rediach W 20742
Redlich F C 44190
47171
Redman K 54527
Redman T F 2192
Redmond J 4386
Redmond J R 44953
Redo S F 54759
Redomi G 21449
Redon 51878
Redon H 32401
42425
Reed D C 50673
Reed D J 16810
37979
Reed D R 2561
Reed E S 31631
Reed E W 46981
Reed F E 47119
Reed G 16181
16211
Reed H 81
2631
Reed R W 804
Reed S C 52133
52838
Reed W A 1220
46513
51599
Reeh M J 24550
Reekie R D 10465
10991
Reel P J 12401
Reemtsma K 7874
18117
54677
Reenaas R 23964
Reerink H 51404
Rees C W 654
46996
Rees D L 2631
Rees E W 40372
Rees G 30380
Rees H M 39729
Rees J R 13183 15827 20697 24614 45037
Rees K B 32468
Rees K R 5689
19558
51037
Rees L 17736
18693
34998
Rees M 5837
28663
Rees R B 50652
Rees T A 17104A 17105
Reese A S 10409 11705 12438 24556 24557 33022 55012
Reese E P 2518
Reese W S 108
677
Reeve E B 743
17607
Reeve E C 24972
Reeve T S 2151
Reeves A L 46414
Reeves B 51329
Reeves H 50808
Reeves J D 21860
Reeves J E 43714
Reeves J L 4656
Reeves J T 46423
49710
Reeves R B 12503
Reeves R E 1250
Reeves R H 4124
Reeves R J 35858
54849
Referowska M 43688
Réfi Z 11170
Refinetti E M 21967
Reforzo-Membrives J 8167
8715
Refrégier B 26989
Refsum H E 44899
44906
Refvem O 3694
Regali A M 16347
Regamey R A 32303
Regamey R H 32304
32305
Regan E E 17604
Regan E F 11706
Regan P 25054
Regan W A 16178
16197
16212
49957
Regaud J 37929
Regazzini A 36815
Rege S R 50752
Regel-Sperger B 36664
Regelson W 25925
Reger J F 15688
Reger S N 1187
Reggiani G 29603
31663
53748
53753
Regina F 1858
Reginato E 19218
19219
Reginster A 35494
Reginster M 26777
Reginster-Haneuse G 35494
Regis H 15129
48916
Register H I 50995
Register U D 20774
Regitz A 25282
Regli J 32330
Regnér E G 46713
Regnier 41137
Régnier C 9006
54469
Regnier G 40433
Régnier M 2007
35031
Rego J de M 23732
Rêgo S de M 16149
Rêgo S F 16128
Regoeczi E 49128
Regonesi C 21193
Regoort P 55872
Regueiro B 29539
Regueiro Castro J G 22722
Řeháček J 24211
46780
Rehák A 30026
30027
Rehak M J 8498
Řehák S 20124
38300
Rehbein F 2875
6014
Rehfisch J M 17187
Rehm W F 34325
Rehm W S 3689
Rehn F 38156
Reibnagel A M 44943
Reić-Domandić M 10918
Reich A 4299
36611
44241
Reich C 19900
46606
Reich G 46086
Reich H 11802
15449
Reich S 2724
Reich S B 14563
Reich T 30281
35861
38969
Reichard G 3352
Reichard H 17598
Reichard P 17596
Reichardt G 43437
Reichel G 18321
19387
29903
Reichelderfer T 50186
Reichelderfer T E 21668
Reichenbach B 38554
Reichenbach W 9540
Reichenbach-Klinke H H 34305
Reicher E 30861
Reichert B 36959
47671
Reichert H 34343
Reichertz P 30559
46589
Reichlin S 35800
Reichman S 40701
Reid A 21203
Reid A M 20578
Reid B L 46463
Reid C B 35866
Reid D B 48480
Reid D D 26039
Reid D E 7598
38578
Reid D H 12381
Reid E 7201
26003
26004
Reid E A 36246
Reid F P 2157
Reid G 39964
Reid J 2210
Reid J A 6480
Reid J D 7871 19924 30191 30192 40635 52694
Reid J R 17790
Reid J V 37648
Reid K 18023
Reid L C 43168
Reid M R 25443
Reid R L 2122
50495
Reid R T 13155
Reid S 14254
Reid S E 10126
Reid W A 50793
Reid W L 6473
Reidbord H E 40394
Reider R A 39555
Reidy J P 36309
Reiersöl S 25134

Reiersöl S 25135 25145 35365
Reif A 16086
Reif A E 36239
Reif E C 16701
Reifenstein E C Jr 8638 13197 13216
Reifer I 23586
Reiff R H 503 17067
Reiff T R 50732
Reiffenstuhl G 11007 15977 22818
Reifferscheid M 51865
Reihart H W 7267
Reiher K H 34589
Reijden G van der 7959
Reik R P 46057
Reiley R 29755
Reilly C T 47005
Reilly E B 24403
Reilly M 24525
Reilly M J 15906
Reilly N 119
Reilly W A 29525 31600 33064
Reiman M G 24466
Reimann A 5892
Reimann F 37232 52270
Reimann H A 12335
Reimer E E 27197 33824 33832
Reimers H F 23022
Reimold G 46268
Rein H 6749
Reinalda R 39550
Reinberg A 17526
Reinberg G A 41527
Reinberg S A 6025
Reinbothe H 53100
Reincke A 34575
Reindell H 25786 34107 46034
Reinders R C 28482
Reinecke R D 88
Reinecken R 11261
Reineke E P 15592
Reiner J M 40448
Reinert C R 4085
Reinert R E 44288 47181
Reinertsen R P 50651
Reinfried H 15312
Reingert G A 9909
Reingold I M 1177
Reinhard C 17350
Reinhard E H 36874
Reinhard J J Jr 15264
Reinhard M C 49376
Reinhard W 33923
Reinhardt D J III 3189
Reinhardt D J III 49001
Reinhardt F 19003 22898 38999 39806 41725 49131
Reinhardt G 14661 41912 41915
Reinhardt K 3611 32646
Reinhardt P W 23338 27812
Reinhardt U 48069
Reinhardt W O 16903 42993
Reinhart W H 47207
Reinhold J G 41004
Reinhold L 19618
Reinhold M 35625
Reini Z 44867 44868 44869
Reini W 46221
Reinmiller E 3385 39149
Reinstein J A 16708
Reinwein H 35583 52223
Reis J L 30887
Reis N B 8762
Reis R A 12427
Reis R H 35692
Reis S I 4366 16147
Reisberman R 49763
Reisch M 6531 11579 16343 50197
Reischauer F 29059
Reiser M F 50176
Reisert P M 7114 52225
Reisfeld S B 33011
Reisner H 33854 45957 46068
Reiss A M 55351
Reiss F 11579 34859 38840 38872 38873
Reiss H E 17836 17845
Reiss J 33748
Reiss O K 16893 40506
Reissig G 11150
Reitan R M 23412
Reiter B R 54629
Reiter M 30530
Reiter P J 40046
Reiter R 15570
Reith W S 7250
Reitter H 29085
Reixach-Granés R 13519
Reizenstein P 18436 49688
Rejsek J 38173 38174 38330
Rejsek K 239 241 38356
Rejsková M 241
Rekker R F 43589
Rellini G 20968
Relman A S 50454
Relyveld E H 47411
Remelli L 25691 25706
Remenchik A P 50720
Remezova E S 34685
Remigny E 54063
Remigolski S 11369 11378
Remigy E 9104
Rémillard G L 13187
Remine W H 12400 16579 22098
Remington J S 24568 24569
Remington M 17963 17964
Remizov M S 33512
Remky H 19430 28931 51240 52255 52262
Remler O 28878 51250
Remlinger 37766
Remlinger P 1430
Remmele W 18340 27499 27507 35154
Remmert L F 21707
Remo J W 17222
Remolar J M 20654
Rémond A 44737 54086 54091 54092 54106 54107
Remondino C 42615
Remotti G 13115 21482
Rempe E Kh 33155
Remy D 12094
Remy M 54333
Renaer 54989
Renais J 47751
Renambot G 50767
Renambot J 50771
Renard G 9252
Renaud 3138
Renaud H 37923
Renaud S 35622
Renault 43762
Renault H 31979
Renault J 9071
Renault P 28372
Renaux E 35515
Rendahl I 35394
Rendi R 13700
Rendina G 37120
Rendina G M 21495
Rendleman D F 22025
René L 1458 36622 39484 53438
Renella E 39126
Rengei B 27133 39031 41612
Renier J C 44786 54153
Renjifo-Salcedo S 5361
Renk H 51857
Renker K 11125 15388 38939
Renkin E M 39219
Renkonen K O 24819
Renneberg K H 13363
Rennella E 15521
Rennels E G 10241
Renner N E 37603
Renner R 17812
Rennert H 34202 46800 49111
Rennick B R 17324
Rennie D W 12503 31455
Rennie H M 51531
Rennie J C 17107
Renold A E 6745 28168 46956 46959
Renon C 6400 17000
Renoux G 26401
Renovanz H D 6013 12080 34126 34335 37002 52199
Renschler H E 34010
Renshaw S 17861
Renstrup G 33387
Renterfa-Rivera R 48089
Renton P N 45567
Rentoul E 37690
Rentschler W 23074
Renwick W A 14569
Rényi K 43446
Renyi-Vamos F 23563 34018
Renz J 49322
Renzetti A D Jr 25012 35911
Renzi A A 4692
Renzi G 42587
Repaci G 31740 53839
Repaci M 6908
Repaske R 37083
Repke K 29892
Reploh H 25249 36425
Replumaz P 6290 6308 6309 18538
Replumaz R 18555
Reppart J T 24446
Requarth W 16849
Requarth W H 9839
Rerat A 24875 38693
Rerolle M 26864 26866
Rerup C 11903 11904 11905 35130
Rés J F 12912
Resano C H 53331
Resano J H 3337 31007 43871
Resch A 55614
Resch C A 2938
Rescigno B 1537 1541 36829 36831 39678
Resegotti E 9298 21432 35010 54202 54267
Resegotti L 8522 29719 35153 55087 55088
Resenchuk N A 45241
Resende J 987
Resgigno B 36828
Reshef L 29529
Resi V 14833
Resnick J B 17219 41234
Resnick N 34884
Respiandy A 48810
Ressel H 34340
Ressler C 32341
Ressler N 3441 7218 50718
Resta G 1116
Restieaux N J 40734
Restle F 50543
Részegh J 43099
Resske S 43686 43689
Rethyll G 10652
Retezeanu M 9485
Réthi A 36151 54877
Rethoré M O 14423
Réthy L 20158 34081 34082
Rétif J 35245
Rett A 55408
Rettenbacher F 22877
Retter R H 2349
Rettig H 36455
Rettig J 46967
Rettig S 53618
Reuber H W 50285
Reubi F 27387 30626 35598 39887 44923 54868
Reulos 3138
Reus H D de 40467 43079
Reuss H 35751
Reuss K 34065
Reuter K 15398
Reutner T F 1292
Rév L 27447
Reva A D 1754
Revalor R 14367
Revaz C 5128
Revazov V S 47868
Reveillère D 47352
Reveillère H 47352
Revel H R B 16918
Revel M 26705 26942
Revelles J P 44460
Revelli E 32107 42564 42569 52029
Revelstad G H 11541
Revenko T A 43385
Revenko V M 49555
Reventos J 53243
Rever W B Jr 54749
Reverchon 975
Revers F E 7302
Revilla J M 13533
Revitch E 39162
Revol 6324
Revol A 3051 48028
Revol L 2405 29143 30455 31052 32205 32206 32208 32209 41141 41142 41943
Revol M 28679
Rewell R E 5568 6210 17834
Rex-Kiss B 20175
Rexed B 19688 48137
Rexed B A 50950
Rexed U 23881
Rey L 39980
Rey W van 42258
Rey-Baltar E 16514
Rey Ramos Y A 41468
Reyers J G 52482
Reyes M 43932
Reymann F 41954
Reymond C 39824
Reymond J C 38787
Reyn A 14181 48250 51414
Reynaers H 35520 36521
Reynafarje C 51045
Reynaud 44664 51402
Reynaud J 26329 26330 37831 38747
Reynaud R 14444 14454
Reynier C 10968
Reyniers J A 13239 50966
Reynolds A H 7842
Reynolds B 25056
Reynolds D M 13752
Reynolds E W Jr 15933
Reynolds F W 43704
Reynolds H 40412
Reynolds J 8567 38487
Reynolds M S 4769 50967

Reynolds M S 50968
Reynolds R 42182
Reynolds R C 10263 31341
Reynolds R J 20389
Reynolds R M 50865
Reynolds R N 28496
Reynolds R P 50865
Reynolds S R 2921 4655
Reynolds T B 571 12329
Reynolds W F 28340
Reys P 20521
Řezák S 22564
Rezaković D 51691
Rezek J 15848
Rezende C de 8770
Rezette J 35520
Reznek S 55009
Reznik S D 45761
Reznikoff M 17139 17195
Reznikoff P 10442
Reznikov E K 22510
Řezucha M 9437
Rezza E 42776 42794 49404
Rheinfurth H 36427
Rheinlander H F 17646
Rheins M S 20745
Rhijn C H van 7335
Rhine R J 31558
Rhoades F P 715 5394
Rhoades H E 12764
Rhoades M G 35703
Rhoads D V 775
Rhoads P S 11611
Rhode B 42355
Rhode E A 48982
Rhode J 670
Rhodes A J 14679
Rhodes F A 36973
Rhodes P 20549
Rhodes W C 40517
Rhodin J 11898 46644
Riabinina Z A 37189
Riabko N A 10891
Riabov A M 54571
Riabov S I 31154
Riabukhin I A 18233
Riadnov S M 5991
Riahi H 43163
Rial B 1559 47835
Riba L W 31585
Ribári O 41060
Ribas-Mujal D 34426
Ribaudo C A 61
Ribaut L 40462
Ribback B B 17134
Ribeiro C 1568
Ribeiro E B 12915 35963
Ribeiro G 39976
Ribeiro J A 42200
Ribeiro R 42193
Ribelin W E 38074
Riberi A 22058 22058
Ribet A 8235 20670 31992
Ribet M 29136
Ribi A 30279
Ribi E 50603
Ribierre M 32392
Ribitsch F 6703 34590
Ribner H 48398
Ribó J 32461
Ribon M 3044
Ribotto L 29649
Ribstein M 54079
Ricard J 38701
Ricard R 6306
Ricca A 6690 8698 31025 50437
Ricca O 29653
Ricca S Jr 49343
Riccabona A 47662
Riccardi C 330 1926 1927 1928 9364 13998
Ricceri G 1920
Ricci A 9116 9336 21287 36218 48096 48098
Ricci C 1939 1940 9588 26326
Ricci G 2981 9604 13135
Ricci G A 1094
Ricci G C 25694 25702 36212 39517
Ricci M 31701 54200
Ricci P D 3587 8997 39356 49590
Ricci P L 6922 6925
Ricci V 1974 1976 13501 30342 47825
Ricci V R 36732
Ricciardi G 31738
Ricciardi M 19160 26615 38544 54260
Ricciardi M L 54234
Ricciardi S 330 1926 1927 13998
Riccio A 32114 32115 32118
Riccio L 8049 9347 30671 42740
Rice C E 40906
Rice C O 6965 23476
Rice E C 19872
Rice E E 40246
Rice E G 20782
Rice F A 39562
Rice H M 41847
Rice M E 38528 55010
Rice M H 5342
Rich A 7198 13749
Rich A R 33045
Rich C 4850
Rich M 28167
Rich M A 7115 52281
Rich W G 19930
Richard C 13096
Richard J 25490 32189
Richard J M 44645
Richard M 36649 47769
Richard P 47476
Richard S 38717
Richard T A 16766
Richards A B 12756 40352
Richards B M 40582
Richards D W 33056
Richards L S 28162 54715
Richards O W 16937 24578
Richards R A 47176
Richards R D 97
Richards R E 52364
Richards R K 12962
Richards R L 2147 10320
Richards V 831 54684
Richards W J 4932
Richards W P 50718
Richardson A C 12390
Richardson A T 1204
Richardson D 10839
Richardson E J 6977
Richardson E M 40672
Richardson E P 86
Richardson F 10988
Richardson H L 48535
Richardson J 5028 5053 40821 50056
Richardson J A 47139
Richardson J B 11557
Richardson J E 18369 18456
Richardson J H 15256
Richardson J S 2193
Richardson K R 22719
Richardson L R 5550 5553
Richardson S 50899
Richardson W 24436
Richelle L 26324
Richelme H 35049
Riches E 6192 18348 18370 53517
Riches E W 22286
Richeson E M 40107
Richet C 28091 31078 31084 31090 32038
Richet G 9025
Richie J 47203
Richter J L 13013
Richir C 13018 32927 36654 45004
Richman J L 17647
Richmond J 6208 16266 31591 36303 37695
Richmond J B 17699 32344
Richmond J J 44046
Richmond R 22717
Richmond R W 34911
Richmond V 1709
Richon J 43945
Richou H 3039 21310 48803 48853
Richou R 3039 21308 21309 21310 48803 48853
Richou R (Mme) 21309
Richter A W 24006
Richter C P 46451
Richter G 49905 55719
Richter G W 50533
Richter H 19373 33982 33993 42948
Richter H E 8376 25386
Richter H R 27028 36442 44917 54093
Richter J 38882
Richter K 11223 15973 28949
Richter K H 18280
Richter K M 13230
Richter M 14614
Richter P 37014
Richter R 7702 42951 48623 50032
Richter R H 54343
Richter W 48356
Richter W R 12748
Richterich R 21607 21613 27908 49338
Richterich R W 12538
Richtmyer N K 47704
Rick W 18340 27507 51797
Rickard H E 49488
Rickards A G 10310
Ricken D 23117 27505 33540 45799
Rickenbach A 14438
Rickenbacher J 25185
Rickenberg H E 5377 17727
Ricketts H T 49170
Rickham P P 37670
Ricklin P 39854
Ricks H C 42823
Rico L R 3741 3742 3743
Ricordeau G 10734 15192 36670
Ricotti F 35007
Rida M 4952
Riddel W J 20566
Riddell A G 32688 51343
Riddell M J 6197
Riddell S 30655
Riddervold L 52741
Riddle J M 13222
Riddler J G 46540
Rider J A 11610
Ridley C M 2047 14063
Ridley F 26063
Ridley J H 12389
Ridley M 48299 52345
Ridolfo A S 14958 40355 40356 40357
Ridout J H 47721
Riebeling C 27004
Rieben G 20606 21622 27697
Rieben P A 48727
Rieben W 10270 39832
Rieche A 23637
Riechert T 34603
Riechert W 30633
Rieck G 23237
Ried W 27507
Riedel A 49889 49923
Riedel J A 5578 26150
Rieder H 11060
Rieder H P 15019 27008
Rieder H P 49344
Rieder J J 23480
Rieder W 19327
Riederer von Paar R 19004
Riedl O 21571
Riegel B 8634
Riegel K F 33548 33552 33557
Riegelhaupt L M 17786
Riegelman S 54789
Rieger A 47649
Rieger R 48693
Riegert A 49345
Riegler H C 10129
Riehl J 47678 49895
Riehmann S 10611
Riekers H 35657
Riel E W 28282
Riemann S 29403 46286
Riemenschneider P A 12678
Riemenschneider R W 24379 25419
Rieper J P 12894 47294
Riera M 21199
Ries H 40160
Ries W 11207 25227 55436
Riesco Mac-Clure J S 19782 19785
Riese J A 12295
Riese W 28544 47061
Rieseberg T 34179
Riesman D 48387
Riessbeck K H 11179
Riessman F 41359
Rieth H 19026 29470 34467 51794
Riethe P 51270
Rietschel H G 6655 18948 19384 29477
Rieunau G 9224 31891 51377
Rifaat M A 28310
Rifaat O M 27559
Riff G 35411 35413
Riffat G 41148 41944 47422
Riffin I 12957
Rigamonti L 13510 13518 25612 25620 25626 25653 25654 25655 36793
Rigamonti S 39314
Rigat L 15185 29656 53713
Rigault 1020
Rigby B 17242 28968

Rigby M K 11543
Rigby O F 16714
Rigdon R H 10108 21844 34954 46382 46463 46504
Rigg R P 30643
Riggenbach A 29852
Riggs J L 12468
Riggs L A 11691
Riggs T R 40507
40508
Righetti L 15029
Righini 30440
Righini E 51963
Rigler A 51437
Rigler D 17180
Rigler L G 47222
Rigler R 11032
11271
23077
33988
Rigner K G 32976
Rigó J 29177
35373
Rigondet G 28679
Rigotti S 27656
27668
Rigual R 51588
Riis D 10372
Riishede J 47786
Rijken J P 7282
Rijlant P 23644
26185
26202
Rijnvis P W 41952
Rijpstra A C 43052
Rijsbosch J K 25680
Rijswijk D 51613
Riker A J 25122
49446
Riker W K 17931
Rikkonen P 24868
Riklan M 1798
13491
Rikover M 4876
Riley E A 25013
Riley G A 1225
Riley G J 30100
Riley G M 7604
12421
Riley H 20607
41289
Riley H D Jr 5584
17911
41031
51671
Riley J 42105
Riley M N 3466
Riley R F 2679
2680
Riley R L 4660
Riley R L 52804
Riley T L 16682
Riley W A 19302
Riley W J 29296
Rilke F 49582
Rilliet B 41931
54066
54068
Rillo G A 21777
Rimbaud L 21762
Rimbaud P 19342 19343 19344 19347 19348 32037 37878 37879 37886 37887 37888 45027 47379
Rimbert C L 18611
Rimington C 7151
8296
Rimini R 4072
Rimman A F 55256
Rimon S 13743
Rimpau A 35414
39419
Rinaldi A 13946
13947
15891
Rinaldi E 3437
15016
52331
Rinaldi F 12603
Rinaldi L 1857
25963
Rind H 27443
Rindani T H 16291
42976
Rinder C O 20685
Rinder L 17194
Rindge M E 27092
Rindi G 16388 28052 28054 28055 40183
Rindome E 43476
Rinetti M 26509
52075
Ring C C 55053
Ring H F 23300
Ring P A 5653 6196 37654 41854 50393
Ringebach 50773
Ringel E 33855
46656
Ringen L M 4617
Ringertz N R 2684
Ringler R L 1396
13780
Ringoir S 47912
47915
Rink H 22189
Rinkel M 12588
Rinker J R 33088
Rinne H J 27277
Rinne U K 209 317 3475 24836 24856 39255
Rinonapoli E 31749
31750
Rintala A 24797
Rinvik R 10377
54947
Rioch D M 20874
50176
Riondel A M 39892
39893
Riopedre R N 15492
Riopelle A J 4938
11528
17097
23287
Riordan F H III 35888
Rios E 21195
Rios G 3741 3742 3743 35028 49724
Ríos Mozo M 4064
4067
31811
Riosalido M 38527
Riotte M 38692
Rioufol 36650
Rioux J 44668
47325
Rioux J A 15135
19342
19343
26713
Ripatti N 35479
Ripetta L M 44403
44404
Ripiakh L A 45194
Ripka O 21556
21555
Ripley F J 20374
Ripley H S 53105
Ripman H A 16058
Ripoche A 54091
Rippert R 23011
Ripplinger J 3101 15070 26873 26687 26929 48881 48891
Ripps H 34917
Rippy E L 42146
Ripstein C B 22101
Riquier G 37164
Rišavi A 22637
Risch F 54914
Rische H 34494
34497
Risco A 31812
53912
Risemberg A 27226
Riser M 40462
Riser W H 16772
40405
Risi F 25940
Rising F L 49859
Rising J D 20490
50678
Rising L W 16711
Risinger W 21811
Riskó T 18598
Riskó T 19744
34557
Risman G C 5354
Risolo A 20977
44330
Rispoli A B 43862
Riss E 24323
24324
Risse H J 46163
Rissel E 21615
22755
Risser J C 1564
Rist N 21397
27877
35903
35904
Ristelhueber J 2490
Ristić O 39712
Rita G 36823
Ritchey S J 10689
40614
Ritchie H D 47117
Ritchie J A 22327
Ritchie J M 5792
Ritchie J R 771
Ritchie R H 23336
27793
Ritchie W G 40021
Ritchken J 38148
Ritossa P 42730
Ritova V V 53040
53041
Ritteimeyer L F Jr 19274
Rittenberg M B 40458
Rittenberg S C 40560
40561
Ritter E 33727
33730
Ritter F 7084
Ritter H B 3512
Ritter L 43434
Ritter R M 28207
Ritter U 19403
33968
39081
Rittmanic P A 24452
Ritvo S 44232
Ritzerfeld W 1582
25230
55487
Ritzl E 42918
Ritzmann L W 12359
Ritzmann S E 1578
Riu 13058
Riu R 31925
Riva G 9419
21640
Riva H L 12407
24511
43295
Riva M 30300
52934
Riva P L 37516
Riva Crugnola G 7733
30304
Rivaille (Mme) 34141
Rivarola A J 13482
Rivarola J E 9666
13482
Rivas C 670
Rivas Goday S 12917
Rivasseau A 9629
Rivasseau A (Mme) 9075
31934
Rivasseau J 9075
31934
Rivelis A 4735
Rivelis A L 20948
Rivera G Z 44558
Rivera L R 1818
Rivera M 7997
Rivera M J 17032
40686
Rivera-Ayala G 13887
Rivero Valenzuela F 29353
51625
53927
Riveros M 12698
Rives 408
Rives H 54462
Rives J 410 24237 24242 24243 24253
Rives R E 7529
Rivest S P 45544
Rivi A 1867 29640 37466 37467 42612 49581
Riviello A 8715
Rivier J L 39824
Rivière M 15128
26226
27727
41108
Rivière M R 2319
2320
Rivizza L 37384
Rivkin L M 15549
Rivkine A 54385
Rivoalen A 6415
Rivolier J 15191
Rivosecchi L 14474
31713
31724
Rixon R H 29835
Rizk S G 7241
Rizos E J 42841
Rizza C R 10349
Rizza O 53581
Rizzello N 8613
29748
52038
Rizzi D 31752
Rizzi M C 1955
Rizzo A 42785
42795
44466
Rizzo A 48130
Rizzo P 13941
Rizzoli C 9323
Rizzuti A B 34922
Roa Hoyos H 8829
Roach C G 40442
Roach J L 17138
Roach L L Jr 46922
Roach S A 26055
Roaf R 14069
43375
Roane P R Jr 50595
Roantree R J 5273
Roark J W 34885
Rob C 6252
Rob C G 2205
18682
Robachevskaia E G 33269
Robb D 19928
37655
48150
Robb P M 5641
Robb T A 50171
Robbe H 11902
23823
35268
44891
Robbe-Fossat F 47386
Robbin J S 40805
50591
Robbins E 20911
Robbins E B 13433
Robbins E S 47183
Robbins F C 10874
Robbins J 17981 19818 40809 49243 49244 49245 49370
Robbins J J 7440
52639
Robbins L L 31632
Robbins L R 54859
Robbins M 40119
Robbins O F 52128
Robbins P W 4767
4768
Robbins S L 532
51284
Robecchi A 31753 31768 31777 31779 35221 42667 44377
Robecchi E 29615
Robeck G G 23329
23330
23333
Robel 36059
Robel P 32398
32399
Robelet A 3088
54903
Roberg N B 20506
Roberson B S 40812
Robert A 31430
51487
Robert F 36093 36094 46556 47426 47427 47428

Robert H 44640
Robert J 30436
51434
Robert J M 6322
9235
18563
51386
Robert L 39248
39252
Robert M 24905
Robert P 275 992 38758 47486 51493
Robertaccio A 20979
35163
44340
53775
Roberti L 53587
Roberto C S 20989
Roberto F 53714
Roberts A C 15571
Roberts A H 17152
Roberts A T 26015
Roberts B 54678
54730
Roberts C L 17087
Roberts C S 12725
Roberts D C 47581
Roberts D W 28986
Roberts E 4538
28253
28254
31392
Roberts F 6211
Roberts G B 5682
5686
Roberts H E 17106
Roberts H J 4434
Roberts H R 10336
23462
42987
Roberts J A 21012
Roberts J B 19522
Roberts J E 8022
8023
31572
Roberts J M 17061
50832
50833
Roberts J T 38830
Roberts L C 1282
Roberts L J 4422
Roberts L M 24516
Roberts M 25056
Roberts M I 34385
Roberts M S 41266
Roberts N 6550
Roberts N R 50915
Roberts P A 16796
Roberts R 38015
52614
Roberts R B 33068
Roberts S 15615
Roberts S J 4606
4644
15232
Roberts S M 5869
Roberts T D 28627
Roberts T E 28649
Roberts V 48584
Roberts V S 49276
Roberts W C 23377
Roberts W W 4924
4925
Robertson A 40905
41293
50474
Robertson C W 2132
Robertson D F 6475
Robertson D H 10470
Robertson D M 14710
Robertson E E 50829
Robertson E G 43722
Robertson E J 14724
Robertson H 42966
Robertson H F 36257
Robertson H R 1208A
Robertson J A 852
Robertson J D 14199
35941
Robertson J P 33095
Robertson L 48323
Robertson L M 5355
Robertson P A 14131
19549
19665
Robertson P W 10321
Robertson W van B 40551
Robertson W B 17849
Robertson W H 912
Robertson W V 17230
Robeson K 12452
Robey M 8239
Robichon-Szulmajster H de 1673
47708
Robicsek F 54703
Robie T R 12610
Robillard R 10662
10682
33416
Robin 47746
Robin A 13062
Robin A A 41216
50830
Robin C 43751
43752
Robin E D 11626
16820
54406
Robin J L 13024
31937
Robin M 20871
Robin Y 15089
15114
15115
Robineau M 13442
13443
Robineaux R 37930
Robiner I S 34776
34821
48030
Robinette T K 4101
52158
Robins A B 12806
Robins B 17720
Robins E 41203
41204
47175
Robins E L 41301
41302
Robins H M 41178
Robins L N 12608
Robins R B 40262
Robinson A 10247
28329
Robinson A E 41315
Robinson A W 17555
Robinson C E 48516
Robinson C L 5867
Robinson C R 2615
14679
Robinson D E 17102
Robinson D L 55581
Robinson D R 34962
Robinson D S 14193
53699
Robinson E 13755
Robinson G 18122
Robinson G C 48370
Robinson G L 14042
Robinson H 22903
Robinson H B 52842
Robinson H C 16868
Robinson H M 535
12459
Robinson H M Sr 34860
Robinson H M C 48463
Robinson H S 28291
48516
Robinson I M 28222
Robinson J 9778
32487
Robinson J A 14130
Robinson J B 2571
Robinson J E 17221
Robinson J H 22012
Robinson J S 17098
Robinson K 19477
Robinson K L 37598
Robinson K V 44262
Robinson K W 16827
Robinson L B 14152
Robinson L R 50309
Robinson M 3026
12539
46483
Robinson M J 16709
36533
Robinson M J 40359
Robinson M M 12580
18648
34858
Robinson N 8456
41291
41324
Robinson P 4223
27093
Robinson P F 52662
Robinson P I 16643
16683
Robinson R 19528
52405
Robinson R A 17751
50366
Robinson R C 14404
Robinson R G 37614
Robinson R M 47596
Robinson R Q 8338
Robinson T A 19279
Robinson W 18421
18422
Robinson W A 18049
Robinson W G 1267
Robinson W T 52662
Robles J 37253
Robles M A 6610
Robles N L 10981
Robles Gil J 8223
25671
Robljek-Priversek T 27126
Robos E 5485
5486
Robos P 25272
Robson A O 48191
Robson D S 48986
Robson E B 7205
29826
Robson H N 36973
Robson J G 35976
37954
Robson J S 20547
51134
Robson K 43784
Roby C C 38578
Roca A J 21220
Roca J 168
31804
Roca J F 51049
Roca de Viña A J 23915
Roca de Viñals F 53916
Roca de Viñals R 8847
44755
Roca-García M M 8832
Rocca D E 8167
8715
Rocca E 3456
13394
43960
Rocca F 11295
Rocca-Rossetti S 21003
Roccavilla G 21501
21502
Rocchi F 8054
Rocchietta S 6831 6862 13921 29597 29600
Rocco L 26620
Roces E 21161
Roch J 13207
Rocha H 22141
Rocha H S 20244
Rocha M 8788
Rocha M da 40226
Rocha R M da 21074
51638
Rocha e Silva M 47731
Rocha e Silva R R 4365
Roche A 21401
Roche G 28368
49734
50559
Roche J 3073 9013 15088 15089 15113 26658 26659 26666 26738 26752 26792 48860
Roche L 5336 6348 41145 41944 41945 47422 47423 47424 47425 47766
Roche M 9218
Rochelle D 447
Rochelle J B III 4502 25130 27517 29373 39559 50706
Rochlin D 39167
Rochlin D B 835
10089
Rochlitz K 32261
Rochu P 43983
Rock I 9611
Rock J 12418
43531
Rock J A 53062
Rockerbie R A 17953
Rockey E E 869
24721
30149
Rocki H 19377
Rockney R E 40597
Rockoff S D 44
Rockstroh H 26166
38986
Rockwood E 11571
Rodari T 36815
Rodbard S 4018
46868
47103
Roddie I C 2037
17960
Roddie R K 50751
Rodeck H 12092
34015
52175
55511
Roden G 8919 21223 48368 50048 51948
Roden H 19450
Rodés L 28234
Rodenhauser J H 51262
Rodensky P L 19861
Roderick J F 47233
Roderuck C 17820
Rodés L 55000
Rodesch J 26882
Rodesco D 43782
Rodewald G 28945
Rodewald H 36921
Rodger F C 22303
Rodger J R 40257
Rodgers K 25871
48303
Rodgers R A 4006
Rodgers R F 44287
Rodier D 42410
Rodier J 24777
Rodighiero G 37294
Rodin E A 27330
Rodina A P 33334
Rodionov V M 33560
37134
Rodionov S I 31215
Rodionova E I 13861
Rodionovskaia E I 36374
Rodiukova L N 55267
Rodkey F L 40567
Rodkina B S 31156
Rodman M J 49961
Rodman T 47518
Rodnan G P 557
707
48393
Rodnianskii L I 45851
Rodnight R 50844
Rodolfo Zeolla H 32456
Rodón Badell J A 13528
Rodrigo A F 21768
Rodrigo A G 40411
Rodrigues Á 30876
Rodrigues R 36837
Rodrigues Y T 4365
Rodríguez C 21199
Rodriguez G 23754
Rodríguez H 13894
Rodriguez J C 3311
Rodríguez J D 31824
Rodríguez M 21175
27583
39621
39622
Rodriguez M I 48726
Rodriguez R M 17045
Rodríguez R R 8695
Rodríguez S E 35994
Rodriguez-Arias B 29380
31829
44755

Rodriguez Arias M 31013
Rodriguez Barrios R 952
Rodríguez Candela J L 36050
Rodríguez Candela R 36050
Rodríguez Castelo J R 44394
Rodríguez-Iñigo J 31844
Rodríguez Juancotena J 35406
Rodríguez Lopez M 8897
21151
Rodríguez-Lucca B 23522
Rodríguez Mafflotte C 53897
Rodríguez Martínez R J 35408
Rodríguez-Miñón J L 21112
51819
53919
Rodríguez la Moglie K C 3347
Rodriguez-Molina R 2468
Rodríguez Moreno F F 8813
Rodríguez Olleros A 44501
Rodríguez Pedreira J 12011
46673
Rodríguez Pérez A P 344
Rodriguez Rivera L 13549
Rodríguez Saavedra M A 8675
Rodríguez-Soriano 54993
Rodríguez-Soriano J A 10401 22368 54994 54995 54999
Rodríguez-Vigil Lorenzo E 21138
Rodriquez G 9306
Rodwell V W 40520
40521
Roe B B 15725
18123
Roe F J 26468
Roe R S 24642
Roeckel I E 26283
Röckemann W 30515
33972
Röckert H 19689
23956
Rockl H 16095
38856
Roedal R 50215
Rödling ? 48665
Roegel E 43773
54601
Roehl L 37671
Röhlich P 34417
Röhling S 2748
38123
Röhrig H 15857
Röhrs H 34064
Röhrt T 10184
Rojel J 10653
11966
45531
Rojskjaer C 35317
Roekmono 10514
Roeland J 26179
Roelofs C O 7348
43355
Roels H 19555
39275
Roels O A 19478
Roelsen E 43196
Roemer G B 55507
Roemer H 18925
Römer K H 25344
36452
38880
Roemer M I 16242
39997
Römer O 10622
Römisch H 43600
53102
Rönicke H G 11144
11373
11389
Roenigk W J 40392
Rønnov-Jessen V 1629
Roepstorff K 41966
Rørvik K 22249
54949
Rösch H 29081
Rösch J 15841
Roesch W C 20923
49859
Rösel G 46288
Röseler E 39076
Röser D 46151
Roeser J 21760
Röseler H D 221
49114
Rösner K 33896
41631
Rösager G 11169
Rössler B 20099
Rössler G 46071
Roessler R 5461
Röstein J 13633
Röth 15286
Rötter W 39020
Röttiger H 41729
Roettig L C 11788
35876
Roever-Bonnet H de 33142
33147
Röwe K 49918
Rofe P 48200
Roffi J 26910
Rogacheva L S 44014
Rogacheva L S 52951
Rogalski E 20453
42890
Roganti M 25628
Rogatz P 801
Rogel R 32195
Rogenberg P A 22651
Rogenhofer H 22997
Rogeon A 13082
Roger A 14431
38744
54082
Roger D 31913
Roger F 14431
38744
Roger J 9156
29188
29193
44750
Roger V M 15540
Rogers A G 48524
Rogers A H 4903
Rogers A R 41308
Rogers A T 39122
Rogers B O 10489
22318
30662
Rogers B S 469
5435
Rogers D E 33087
37823
50467
50468
Rogers E J 27516
Rogers E W 37700
Rogers F A 836
10106
47580
Rogers F B 17728
24712
Rogers G A 24633
Rogers H J 13690
19594
Rogers J 8123
19832
19843
19855
Rogers J B 19278
28957
Rogers J C T 27959
Rogers J F 3171
Rogers J V Jr 813
Rogers L S 12684
Rogers N G 43522
Rogers R 35856
Rogers S 20781
Rogers S F 20090
Rogers W K 10119
Rogers W M 14979
Roggen G 30603
Roghi T 14366
14371
Rogin J R 11567
25020
Roginets V M 10815
Roginskaia E I 31225
Rogoff J B 52678
Rogoff M H 17308
Rogoff S M 13002
Rogosa M 4727
16889
Rogozin I I 33502
45860
Rogoziński R 30776
Rogozkin V D 7781
Roguska J 30785
Roguski J 6873
30779
Rohatgi K S 16292
16293
Rohde C J Jr 23326
Rohde I 19413
Rohde R 34462
46266
46278
Rohdenburg E L 20768
Rohdewald M 27894
Rohe E H 1328
Röheim P 41631
Roheim P S 12533
24028
24030
Rohen J 12953
35771
Rohmann C 13368
Rohmer A 25460
Rohmer F 8242
27024
54100
Rohmer P 54614
Rohne K 34494
Rohner A 1485
47343
Rohner R F 46496
Roholt O A 13409
Rohr H 19758
23800
Rohr K 11919
39860
Rohrbach P 13442
13443
Rohrer R H 33099
Rohwedder H J 42864
Rohweder A W 7539
Roi G 18494
Roidot M 15180
Roig J A 5513
Roig Olmos V 8889
Roimicher S 18823
51645
Roine P 32709
Roiron V 8367
Roisinblit R 53361
Roitman E 36530
Roitman T A 7934
Roitt I M 28980
Roizen Sh S 34695
45740
Roizin L 50929
Roizman B 17253
28432
50595
Rojas E 21160
Rojas R O 8214
Rojas Natera E 44560
Rojas Paz 44735
Rojas Villegas F 8913
37260
Rojkin H 27241
Rojkó A 6335
Roka G 52878
52914
Roka L 25199
49908
Rokitianskii V I 52861
Rokkanen P 36012
36013
47368
Rokos J 15664
35035
Roland C G 48524
Roland H 50774
50781
Roland J L 6374
Roland M 13204
Roland P E 5292
Roland V A 5918
Roland de Ruyck M 48843
Rolandi-Ricci V 1507
1508
36735
Rolant F 43995
43999
Rolbin H L 526
Roldán H J 29345
Rolf D 47108
Rolfo F 6801
Rolfs M R 40692
Rolinson G N 52411
52446
Rolla E 31013
Rolla E H 21240
44582
Rollen A 24904
Roller F R 47575
Rollerson E 17364
Rollerson E J 50581
Rollet J 26875
Rollet M 32936
Rollier M 6373
Rollier M 6386
46857
46860
Rollier R 6373
6386
18611
46860
Rollin A R 50496
Rollin G 32064
Rollin J L 51273
Rollman-Branch H S 50284
Rollwagen H O 42939
Rolnick H C 45925
Rolón P A 12698
Roma M 34963
Romagnoli A 20209
20216
43472
Romain R 54897
Romaine H H 24565
Román B 8874
Roman E 26688
Roman J 23349
Roman N 43897
Roman N R 32435
Román O 8910
Roman y Carrillo G 26395
Romanell P 2337
Romanelli R 49592
Romani J D 9650
14380
15210
26799
Romanini A 29659
31659
Romano A 13958
13961
37388
42629
Romanó D Jr 26499
Romano E 9349
Romano P 1509
1516
Romano P M 36733
Romano V 37386
Romanoff H 12703
Romanoff L P 17045
Romanov G V 55825
Romanova E P 45109
46808
Romanova E S 39609
Romanova M S 47863
Romanova N P 37180
Romanovskaia A I 45118
Romanovskaia A M 18303
Romanow C V 5045
Romanowski B 30860
Romansky M J 11620
Romanus R 45340
54805

Romanus T 22122
Romashov F N 54958
Romaszewska K 30088
Romatowski H 19312
42368
Rombold C 5243
Rombos K 10325
Rombouts J M 52478
Rombouts Y 35509
Romeis B 12956
Romendik L M 3568
Romeo F 29698
Romeo G 24932 37347 39687 39689 39690
Romeo Orbegozo J M 8818
Romer O 52727
Romero B E 31375
Romero E 2957
8809
Romero F 21154
Romero M D A 54998
Romero Díaz E 21206
Rometti 41478
Rometti A 28687
41483
41485
Romeuf J de 21404
Romhányi G 19575
Romier H 51397
Romieu C 24181
Romijn H M 20316
Romine M 14743
Rominger C J 5724
12685
Rominger E 25280
Rommel F 27111
Rommer C S 49495
Rommer J J 49491
Romminger E 47642
Romoda T 52900
Romualdi P 25577
Rona G 48444
Ronald A C 14156
Ronban E 21181
21186
Roncati C 8622
31693
Ronchese F 42148
Ronchi L 23305
Ronchitelli R 30975
21447
Roncoroni A J 26814
Roncoroni L 3861
Roncuzzi R 51963
Ronda Laín E 29538
Rondanelli E G 34428
52423
53994
Rondanini G 6907
Rondanini G B 32034

Rondelet J 980
6326
31089
Rondepierre J J 47441
Rondot P 2486
21264
36121
36122
Rongone E L 38067
Ronnei E C 1478
25511
Ronnett A E 39030
Ronský R 26548
38124
Ronzoni C 3643
Rood M S 24533
Rood R S 24619
Roodenburg A I 30152
Rooks J G 4415
Rooney D R 40272
Roop D 4091
Roop D M 4108
16167
27933
Roopenian A 24680
Roos B E 33956
Roos E L 12200
Roos H 23229
Roos J 10344
Roos Y H 19731
Roosen-Runge E C 40797
Roosth H P 47584
Root B 47334
Root H D 21998
Root H F 7489
Root M A 49169
Rooth G 15651
23539
24502
Roots E 34508
Rootselaar F J van 43060
Roparts C 53987
Roper C L 38071
Roper K L 43702
Roper-Hall M J 28042
Ropes M W 26291
Roque F T 15537
Roque L L 21124
Roques K R von 42912
Rorsman H 23700
23708
23709
49365
Rosa J 9028 19593 21275 26797 54300
Rosa J V 18831
Rosa L 35001
53084
Rosa L M 12057

Rosala E 11318
Rosales J a. 37961
Rosales T 43486
Rosamilia H G 542
Rosapepe C 31696
44348
Rosário L do 3696
Rosário M R do 3704
49727
Rosaschino F 52780
Rosati D 42799
Rosati P 1930
1931
13979
Rosberg J 4381
44223
Rosch G 38825
Roscoe J D 36529
Roscoe M H 11967
Roscoe R E 494
Rosé A E 51898
Rose A H Jr 468
Rose A S 19803
Rose B 14614
14621
14622
Rose D L 47777
Rose F C 37603
48135
Rose F L 41299
Rose G A 31589
41636
Rose G G 40590
Rose G K 40631
Rose H M 33089
Rose I A 19639
Rose I W Jr 52752
Rose J C 14960
15008
49650
Rose J D 34966
Rose N R 12796
31414
Rose R G 50016
Rose S A 7676
Rose S M 44981
Rose W W 12873
Rose Y 2314 28362 28371 37919 43747
Rose Marie, Sister 27923
Rosell S 12018
Roseman B D 15044
Roseman E 29273
Roseman S 13775
Rosemann I 49030
Rosemberg E 17027
31394
Rosemond G P 12843
54705
Rosen A 322
4609
40751

Rosen F 24562
Rosen F S 17251
17252
Rosen H 1365
38624
Rosen I L 24340
49190
Rosen J 37985
Rosen M N 48961
Rosen R 227
Rosen R H 12658
Rosen S 4643
17205
26282
30178
Rosen S von 21385
Rosen V H 16760
44231
Rosenauer F 29119
41713
Rosenbaum B 10847
Rosenbaum L 5450
30160
Rosenbaum M 52655
Rosenbaum M B 8166 8194 8222 20630 20652 20663 31010 31020 31037 43868 43883 43894 43904 43937 53333
Rosenbaum M J 23312
Rosenbaum S 237
3253
18044
Rosenberg A 40484
Rosenberg A J 26802
Rosenberg B 51552
Rosenberg B G 17120
Rosenberg D 17637
Rosenberg D G 50794
Rosenberg D M 9795
Rosenberg E F 27964
29276
35223
Rosenberg H S 40668
Rosenberg I N 49248
Rosenberg J C 2342
Rosenberg L T 44384
Rosenberg M 47220
Rosenberg M J 16501
Rosenberg N 23494
Rosenberg O 29370
Rosenberg S 16489
46922
Rosenberg S A 7423
Rosenberg S Z 450 3959 35623 35636 36606 39784 50058
Rosenberger J 48768
Rosenberger J H 4615
Rosenberger R F 5091
17298
Rosenblatt F 31561
Rosenblatt G 5466
Rosenblatt M B 3375
30161

Rosenblatt P 1213
14747
Rosenblith J F 51051
Rosenblith W A 21722
Rosenbloom A A 12459
Rosenblueth A 737
738
12490
Rosenblum (Mme) 8246
Rosenblum E D 50726
Rosenblum L A 17088
50483
Rosenblum S 23511
Rosendahl B 10176
Rosenfeld G 8533
Rosenfeld G B 14599
Rosenfeld H 4279
4301
4304
Rosenfeld J E 16602
Rosenfeld L S 800
Rosenfeld R 11841
Rosenfeld R S 28245
Rosenfeld W 42883
Rosenfeldová A 11841
Rosenfield A B 35837
Rosenfield R 26475
Rosenfield R E 35894
Rosengren B 2138
23840
Rosengren E 5791
41346
46695
49348
Rosengren S A 45335
Rosenhaus H 47248
Rosenheim M L 8486
18737
39116
51576
Rosenkötter L 3621
36488
39044
44192
Rosenkrantz D 42563
Rosenkrantz H 40537
Rosenkrantz J A 16261
50120
Rosenkranz A 22791
Rosenkranz H S 10199
16964
Rosenkranz K A 12068
Rosenkranz W 11271
23077
33987
33988
Roseniund B 32227
32228
Rosenman R H 12563
Rosenstock I M 53666
Rosenthal A 3922

Rosenthal A 12492
39532
Rosenthal D 26547
Rosenthal F D 6129
Rosenthal H L 4501
Rosenthal H R 47194
Rosenthal I M 21022
41259
Rosenthal J 4509
Rosenthal M 17787
Rosenthal M W 46410
Rosenthal O 17061
Rosenthal P 39039
Rosenthal R L 17585
Rosenthal S 17826
44984
Rosenthal S A 23357
23368
28437
Rosenthal S M 16913
Rosenthal T 24203
24204
52676
Rosenthaler L 7955 7956 29780 43582 43594
Rosenzweig M R 47102
50920
50921
Rosenzweig N 5457
Rosh R 38059
Roshchina K I 18311
Roshchina L F 33626
Rosicky B 33916
Rosier Y 47456
47457
Rosiere C E 13455
Rosilio C A 3342
Rosin A 24883
35155
Rosinski J 19391
Roskam J 4732 25834 26204 31949 48365
Roskamp H 25384
Roslansky J D 16943
Roslavleva N G 9870
Rosławski A 53149
Roslov L A 45742
Rosman N P 29149
Rosmanith J 30943
Rosnay C D de 5321
Rosner D 9476
Rosner J 8688
Rosner S 25513
Rosnick M J 28345
Rosoff B 25405
Rosoff M 10198
Rosolleck H 25356
35580
51851
Rosomoff H L 11662
Rosowski F 20417
20724

Ross A B 16188
Ross A D 2651
Ross A I 44855
Ross A O 17129 19096
Ross A T 162 19799
Ross C A 50266
Ross D 35895
Ross D C 5716
Ross D E 45928 54745
Ross D N 14273 18359 47580
Ross E J 17034 17035 18376 51341
Ross G I 36540
Ross G S 52590
Ross H 50029 53657
Ross I P 41855
Ross J 12188 27194
Ross J Jr 18119
Ross J C 22280 53579
Ross J D 14153
Ross J F 33074
Ross J H 2162
Ross J J Jr 32339
Ross J P 2310
Ross J R 6123 39136
Ross J W 35763
Ross L 52579
Ross L E 21663
Ross M G 11711
Ross M H 16963
Ross M R 10977
Ross O 28993
Ross O A 11776 46503
Ross P 29297
Ross R A 45077
Ross R M 20002
Ross R R 4485
Ross R S 2902 18652
Ross R T 609
Ross R W 17299 17300 17884
Ross S 822 19872
Ross S M 5101
Ross S W 50463
Ross W 37021
Ross W F 14795
Rossa G 29647

Rossa J 15355
Rossali R E 12265 17905 24333
Rossanigo F 9382 9384 19207
Rossano P 26633 27355 27358 27362 27364
Rossberg G 23029 25332
Rosse W F 48058
Rossel G 8139 27695 27696 30983 43845
Rosselet E 27027
Rossella E 26627
Rosselle N 37039
Rosselli D 29582 42560 52001
Rosselot J 31875
Rossetti C 52002
Rossetti M 39831
Rossetti O 8465 11829 54261
Rossi A 8584 42532
Rossi B 2890 2891 8048 31672 31679
Rossi C R 3457 3458 49362
Rossi C S 1959 1960
Rossi E 16381 44476
Rossi F 1959 1960 6816 23577 29702 42742
Rossi F M 44144
Rossi G 7767 36736 39886 44627 46484 48103 52118
Rossi G B 54235
Rossi G F 32595
Rossi G V 4559
Rossi H H 27796
Rossi L 25185 29705 29706
Rossi M 13416
Rossi O 1986
Rossi P G 44280 53686
Rossi V 26032 27767 32112 39764
Rossi W A 16737
Rossi-Fanelli A 13407
Rossier A 21746
Rossier M 22174
Rossignol B 35859
Rossignol C 32059

Rossignoli L 18525 27210 27222 27239 39092 39106 31931 49149
Rossini L 1891 1892 37406
Rossini R 27664 32159 32161
Rossiter E J 2182
Rossiter R J 41207 41208 41209
Rossitto G 29667
Rossmann B 49812
Rossomano V Z 24999
Rossoni C 25578
Rossoshanskii A A 12168
Rossotto P 42545 42547 42549 42551 42645 42647 42649 42651
Rossovskaia E 12124
Rossovskaia V S 36352
Rossum A van 49617 49627
Rossum J M van 20315
Rost G A 12194 55481
Rost H F 38943 38952
Rosta J 36170 39738 39741
Rostalski M 3304
Rostand J 3056 15072
Rostapshov M F 45170
Rosteck K 10016 55704
Rostenberg A Jr 20498
Rosti S 42786
Rostimeshin V A 19130
Rostkowska J 33777
Rostotskii B K 10794
Rostotskii I B 21917
Rosvold H E 4931
Roswit B 35866
Roszkowski I 27609
Rota M 55089
Rothlat J 44296
Rotella F 9348 11826
Rotellar E 1812
Rotelli L 20182 26597 49584
Rotem Y 291 46664
Rotés Querol J 8885 54186
Roth A 37945
Roth A F 2066
Roth B 38285 38346

Roth D M 52415
Roth E J 1219
Roth F 39537 54340
Roth F B 48435
Roth F E 31330 41287
Roth G 27038 44199
Roth H 39883
Roth I L 19624
Roth L E 15713
Roth L G 2987
Roth M 16741 29333 39375 44862 52910
Roth N 53637
Roth O 27057
Roth P C 38675
Roth S I 1238
Roth W D 28384
Rothballer A B 20724
Rothberg H 11635
Rothberg S 28440
Rothchild I 2992 2993 20513
Rothe E 15347
Rothe G 23197
Rothe H 55440
Rothe W E 34843
Rothenbücher W 34367
Rother K 19440
Rotherham J 16922
Rothfeld E L 17720
Rothier S 13610
Rothkopf E Z 5038
Rothman B 15473
Rothnem M S 6963
Rothschild F S 25849
Rothschild L 53492
Rothschild M 30371
Rothschild M A 4853
Rothschild M L 7154 46377 52296
Rothschild Z 13790
Rothstein A 4807
Rothstein C 50761
Rothstein N 51000
Rothwell F L 6453
Rotondo G 19220
Rotschild L 48610
Rotstein S 18822
Rott K F 49100
Rott L 34073
Rott R 34056 34508
Rotta C 42615
Rotta J 38153
Rotter 15283
Rotter C W 651
Rotter W 54926
Rotter-Pool P 33947

Rotthoff F 22197 22218 29076 29118 34559 46200
Rotthoff G 39382
Rottler P B 23711 38858
Rottinghuis H 29938
Rottini E 6793
Rottini G D 29724
Rottino A 13221
Rottka H 43004
Roualt J 3046
Rouan M 53378
Rouast 32875
Roubach R 23646 35030
Roubal J 38357
Roubal Z 31783 48637 48638
Roubault M 3041
Roubicek C B 12499
Roubíček J 31784
Rouchy R 26272 27722
Roudabush D 33881
Roudier M 54442
Roudolf 34456
Rouff E A 45277
Rouffiac R 26951
Rouffiat J 31102
Rouffilange F 8244
Rougerie J 9138
Rougerie M J 7389
Rougier 26363
Rougier G 32932
Rougier J 17492 24880 26362 26365 26366 26371
Rouher F 14511
Rouif J 47458
Rouillard J M 10045
Rouillard M 32063
Rouilier C 5902
Roujeau J 21396 28364 28375 28379 32940 43746 53240
Roujon J 7044 7045 7047 7048 7053 7056
Roulet A 43776
Roulet F C 24219
Roulleau J 53419
Roumagoux 43761
Rounds D E 17277
Roundy R W 40442
Rountree P M 42123
Rouquès L 9152
Roure H 32390
Rourke A J 49971
Rouselle M 18614
Rouser G 24401
Rousey C L 2843 5825
Rousseau G 36644
Rousseau J 10665 18500

Rousseaux J P 46562
Rousset A 20518 21373
Rousset J 18018 54046
Rousselle J 43808
Rousselot J 3175 32373 36644 43765
Rousselot L M 22097 30129 54741
Rousset J 2386 2390 2398 2399 2400 6314 51395
Rousset J J 1033
Rousso C 53305
Routier C 24781
Routier G 41433
Routsonis K 5503
Roux C 3062
Roux D G 1644
Roux G 24906 26707 26951
Roux J 7755 15163 36085 37893 43806 54131
Roux J M 26250 26765
Roux J P 21813 21835
Roux M 30479 31942 53429
Rouzaud M 31998
Rovati L A 13448
Rovet S 37508
Rovelli F 8664 42660
Rovelli S 52107
Rovelstad G H 11539 11540 23319 23320 23321 23323
Roven M D 4588
Rovere G 35009
Rovescalli A 1110 3848 9355 13929 39648
Rovinesco I 46763
Rovinskii E I 45697
Rovira M 35418
Roviralta E 12007 21137 44533 53916 53948
Rovithis D 27149
Rovner H 39140
Rovnova Z I 33597
Rovsing C 37048
Rowan D F 807
Rowand E F 14629
Rowbotham G F 41881
Rowe A H 28027
Rowe A H Jr 28027
Rowe C W 8566
Rowe E C 27400

Rowe F A 18111
Rowe G C 5894
Rowe G G 4873
41035
50461
Rowe J 29283
Rowe J C 1140
Rowe L 13
Rowe R J 3385
39149
Rowe V K 12221
Rowe W P 553 10872 17253 25109 32343 42999 44104
Rowell J 26085
Rowell N R 14270
Rowen B 16595
Rowińska E 43638
Rowland L P 66
17010
Rowland R E 39212
Rowland V 41199
Rowlands E N 53524
Rowlands I W 53694
Rowlands S 30650
Rowley D 4155
Rowntree L G 4503
Rowsell E V 13699
17900
Rowsell H C 14686
Rowson J M 41319
Rowson K E 26104
Roxin T 11118
Roy 51445
Roy A 40105
Roy A B 13816
46761
Roy B 36657
42439
Roy C 41916
Roy D (Mme) 13030
Roy D K 13391
Roy F 20519
Roy H 16292
Roy J H 44032
Roy K P 5164
Roy L M 36303
Roy N 24707
Roy R 18002
Roy R N 7159
52311
Roy R R 27076
Roy S B 8356
Roy S N 13461
35097
40071
Roy T E 37970
Roy-Camille R 4822
31106
31111
Royalty D M 12842
Royce P C 20717
Royce P C 39200
Roychowdhury A K 5183
Roye P E 54478
Royer J 26364
Royer P 1010 3281 25473 31962 44612 44615
Royer R 26698
26943
32154
Royfe E H 51895
Royle C M 52662
Royo Morató F 42206
Royo-Villanova Morales R 38542
Royster G W Jr 23325
Rozanov A Ia 37136
Rozanov B S 18244
Rozanova E P 19111
Rozanova M D 9861
Rozansky R 17601
31435
Rozas F F 3335
Rozeboom L E 893
Rozee K R 9558
Rozen V B 51748
Rozenbaum E G 46813
Rozenberg A M 34659
Rozenberg A Z 34716
Rozenblat V V 15768
45246
Rozenblit Iu A 32893
Rozenblium Z I 45131
Rozenbojm J 39983
Rozenfel'd E L 1739
45615
Rozengart V I 37132
Rozengarten M Iu 31214
Rozengvaig S 21127
Rozenshtraukh L S 5963
10817
Rozera G 3597
27465
39366
Rozet L Ia 55217
B. Rozgonyi C 43433
Rozhdestvenskii E V 12164
Rozhek I S 12130
Rozhinskii M M 12129
Rozhkov A T 55338
Rozhkov F V 34636
Rozhold J 9434
Rozner W 6147
Rózsa M 52927
Rozsívalová E 2750
Rozsívalová E 26524
Rozwadowska-Dowżenko M 30730
30830
30831
30832
Rożynek W 24057
24058
Ruark R J 7494
Rub D 41654
Ruban E L 19122
51926
Rubányi P 6333
Rubashkina B K 55807
Rubbiani V 42635
Rubeli H H 39849
Ruben A 10188
Ruben C M 14112
Ruben H 10606
38052
45491
Rubenchik L I 19132
Rubenchyk L I 29558
Rubenfeld S 35859
38059
Rubens-D'Oval A 40459
50356
Rubensohn G 35290
Rubenstein A D 52593
Rubenstein A S 23452
Rubenstein B M 12658
Rubenstein C L 14545
Ruberman A I 33612
Ruberti U 42495
42496
43337
Rubes J 53630
Rubeš R 14892
43091
Rubetskoi L S 3410
Rubianes C E 1830
Rubin A 4508 17917 46990 46993 50212
Rubin A L 465
581
12213
12254
Rubin B A 1725
10497
Rubin D 1482
4858
14561
19549
Rubin E H 47516
Rubin H 809
1139
45829
49447
Rubin H K 609
Rubin I C 3024
Rubin I L 35616
Rubin J A 51354
Rubin L R 24686
Rubin M I 30428
Rubin N S 17293
Rubin R J 849
Rubin S 38075
Rubin W 115
117
13000
Rubin V I 55174
Rubina E S 7904
36365
Rubina N N 43540
Rubini G 42231
Rubini J R 51309
Rubini M E 12337
12546
51916
Rubinietz H 23194
Rubino A 52331
Rubino F 13964
Rubino G F 19234
Rubino M 19155
Rubinova R S 34799
Rubinshtein P L 36402
Rubinstein B M 2894
47597
Rubinstein D 26411
48448
Rubinstein E A 17176
40739
Rubinstein H M 2073
Rubinstein K 48210
Rubinstein L 20005
Rubio H H Jr 18848
49692
Rubio V 24326
Rubio Alvarez V 1553
Rubio-Huertos M 29540
Rubisz-Brzezińska J 20238
Rubner O 46145
Rubtsova L K 36403
Rucart G 32928
Ruch D M 46059
Ruch M K 5215
Ruchkovskii B S 33620
Ruchman I 31300
Ruchocki A D 16521
Ruck C J 6107
Rucka A 30387
Ruckebusch M 48885
Ruckebusch Y 26871
48885
Rucker C W 23436
35769
47021
Ruckerbauer G 50379
Ruckes J 34014
Ruckpaul K 38895
Ruczaj Z 20495
29521
Ruda J 17478
Ruda M 34461
Ruda M S 9683
Rudaia S M 51934
Rudakova Iu I 5995
Rudakova L I 36391
Rudali G 9010
32195
40834
Rudali G 2313
Rudanov I G 41701
Rudas G 7721
Rudat K D 53096
Rudberg-Roos I 23956
Rudchenko N B 43549
Rudd J L 20362
47784
Rudd R K 1350
Rudder B de 3239
15407
Ruddle F H 26455
Rudenko G D 43421
Ruderer E 49347
Rudfeld K 3182
Rudkowska A 30068
Rudkowska J 39536
Rudler J C 18549
27831
Rudman D 31328
Rudnai O 19746
Rudney H 1711
Rudnick S S 16749
Rudnicka J 43657
Rudnik I 16037
Rudnik J 16038
16040
Rudoi N M 31171
Rudolf L E 10100
Rudolph A K 14957
30410
30425
Rudolph G 25813
30567
37026
Rudolph I 47248
Rudy L H 12603
Rudzińska M A 33762
Rübe W 10000
Rübner H 49908
Ruebsamen G 18017
Rücker G 29031
38418
Rueda P 42731
Rueda Montaña G 44548
Ruedemann A D Jr 47056
Rüdiger W 3950
Rüedi K 21609
Rüedi L 5287
30958
50746
54360
Rüedi W F 9532
Rüenauver R 49917
Ruef J 39397
Rueff F 7088
42249
52206
Ruegamer W R 13401
Rüger R 22207
22216
Ruegsegger J M 24327
24423
47616
Ruegsegger P 48699
Ruegsegger P 48713
Rühl R 42268
Rühlmann M 15350
Ruelland R 10498
Rümke C L 36961
43041
43053
52513
Rümke H C 7290
49628
53602
Rümler E 34570
Rüsken W 13376
Ruess A L 18090
Ruest F G 32084
Rüther W 18953
Rütte B von 27693
Rüttner J 21649
Rüttner J R 54374
Ruf H 9033 9035 9037 9038 9039 9040 26264 36056
Rufer W 30967
Ruff G E 40302
Ruff J D 52849
Ruffato C 53754
Ruffel' M A 55187
Ruffié J 1034 1042 12903 12904 15135 26710 26713 26887 26947
Ruffie R 38800
44780
Ruffilli D 13994
13997
Ruffin J M 27545
31299
Ruffin R S 24545
Ruffo A 29714 42545 42547 42549 42645 42647 42649
Rufin F 21199
Rugani G 41905
Rugarli C 13931
Ruge C 11426
Ruge D 5527
31581
31582
Ruge H 20989
Ruge U 34237
Ruggieri B A 51602
Ruggieri E 31746
Ruggieri F 21471
Ruggieri P 44165
Ruggiero A 19882
39670
42477
42478
Ruggiero C 9380
Ruggiero G 35449
35455
Ruggiero N 13989
54207
Rugh R 6775

Rugh R 31639
Rugiero G 15032 19160 21486 29617
Rugiero H R 15510
Ruhl K 32663
Ruhland G 34221
Ruhm H B 5838 46487
Ruiter M 51019 52530
Ruiu P 37408 37409 37410
Ruiz G 9284
Ruiz P 1825
Ruiz Barranco F 4069
Ruiz-Falco López F 31861
Ruiz-Giján J 13458
Ruiz Moreno A 8710
Ruiz Moreno G 21204 43915
Ruiz Reyes G 18858
Ruiz Sánchez A 25022 25127
Ruiz Sanchez A 51658
Ruiz Sánchez F 25022 25127
Ruiz Sanchez F 51658
Ruiz Santamaría J A 46676
Ruiz Ventue M L 43915
Ruju P 42469 42485
Ruk A 21941
Rukavina J J 28439
Rukhimovich G S 6041 10804
Rulffs W 33922
Rull J 18603
Rulli V 2890 2891
Rullière G 37929
Rullière R 49736
Rullo F R 4521 16574 19823
Rumball J 32521
Rumball J M 49718
Rumble L Jr 50794
Rumeau P 41114
Rumel W R 21515 49193
Rumenov I 28725 28758 28777 41590
Rumer G F 844
Rumery R 49483
Rumiantseva A A 45691
Rumiantseva E V 34630
Rumiantseva M V 39575
Rumiantseva-Russkikh M v 46335
Rumley M K 50923
Rummel A 15874 33958
Rummel W 25881 25882 29917 29918 29919
Rummelhardt S 45992
Rumoio R 25633
Rumpf P 26663
Rumpnorst 15985 32633 39539
Rumpianesi G 2500
Runcan V 6586 31123
Rundle F F 47229
Rundles W 1777
Rundles W Z 5403
Rundo J 30647
Rune I 32861
Runes D D 28040
Rung H 19427
Runge H 15438 15446
Runge K 29476
Runikis J O 16711
Runner M N 43535
Runnström J 15709
Runyon E H 42081
Ruoff F 49820
Ruol A 29612
Ruosteenoja R 35178
Rupp W 34106
Ruppert H 33945
Ruppert V 29431
Rupprecht A 11044 22758
Rusan S 47413
Rusby N L 43785
Ruščák M 38185 38197 48640
Rusch H P 49875
Ruschig H 1598
Rusconi A 31773
Rusev G K 45282
Rush B F Jr 11815 22028
Rush D K 6488
Rush L V 6989 19277
Rush W A 44121
Rushmer R F 53112
Rushton M A 43367 53551
Rushton W A 19486
Rushworth G 25978
Rusiniak B 53140
Rusinov V S 23255
Rusk H A 6839 22725 27523 36703 47780
Rusk H S 39298
Ruska C 45830
Ruska H 15711 45830 55621
Rusnock J R 41268
Russ M 34059
Russek H I 29272
Russel F E 42055
Russell A E 749
Russell B 44053 44258
Russell C H 20009
Russell C S 5577 18690
Russell D G 53720
Russell E L 14560
Russell E S 5426 44957
Russell F E 46930
Russell G F 41220
Russell G R 5581
Russell G V 45382
Russell H K 39564
Russell J A 24684
Russell J G 20473
Russell J K 6166 50813
Russell J T 32494
Russell K P 38595
Russell L B 44956
Russell P M 10060
Russell R S 19542 20585 31574
Russell R W R 41791
Russell W L 44956
Russi M 36823
Russo A 20208
Russo F 54231
Russo M 253
Russo P E 819
Russo R 37380 52048
Russo-Caia S 53800
Russolillo M 9301 27631
Russomanno R 31422
Rust S 22804
Rustad H 46496
Rustad H I 22035
Rustad R C 27419
Rustamova-Gadzhieva P G 7791
Rusted N 50640
Rusti J 24308
Rustichelli V 24930
Ruston F G 14572
Rusu M 25467
Rusz S 4137
Ruszczakowa J 30717
Ruszczyński J 29496
Ruszkiewicz W 7813
Ruszkowski J 27610 53184
Ruszkowski M 28847
Ruszkowski M 43656
Rutenberg S H 52636
Rutenburg A M 7414 25031 49715 49716
Rutenburg M D 22670
Rutenfranz J 3984
Rutgers A W 16353
Rutherford A 772 34900
Rutherford R L 16755
Rutishauser E 1485
Rutishauser G 20605
Rutkai P 20165 28800 34444 55658
Rutkevich N L 43381
Rutkowski A 44189
Rutkowski J 20436 20439 20442
Rutland J P 48227
Rutledge A L 51893
Rutledge B A 16985
Rutledge B J 5526
Rutledge F 40432
Rutledge F N 32903
Rutledge L 17156
Rutledge L T 27330
Rutoli O 24952
Rutter E R 17955
Rutter W J 13796
Ruttkay-Nedecký I 38288 48606
Ruttloff H 3463 46269
Ruttner F 42460
Ruud E T 54516
Ruvidić R 6627 54308
Ruyck R de 26805
Ruyer M 1007
Ruys A C 10518
Ruyter H A de 36609
Ruyter J H 7360
Ruždić I 27904
Ruzic J 1016
Ryall R W 42992
Ryan H A 41318
Ryan H C 17961
Ryan J A 51561
Ryan J E 45080
Ryan K J 3428
Ryan P E 50247
Ryan R F 13317 40318
Ryan R M 2686 38086
Ryan T A 53642
Ryan T J 28966
Ryan W C 47158
Ryba J 28845
Ryba S 3084 3085 15071 18834
Rybák M 38173
Rybakina N S 13574
Rybakova G A 10888
Rybakova N I 10810 31231
Rybáková V 2741
Rybalka N D 25911
Rybalkina A V 33157
Rybarska I 33744
Rybczyński A 20445
Rybicka K 33794
Rybicka-Stryjecka Z 33735 33743
Rybinnik I M 45609
Rybiński K 20442
Rybkina N F 46809
Rycaj M 30801 30802
Rychlo A 32294
Rychlowski Z 30722
Ryckewaert A 31769 54169
Rycroft C 40161
Rydberg B 52738
Rydberg G 32852
Rydell J R 35689 37941
Rydén A 43236
Rydén G 50978
Ryder C F 16673
Ryder M L 19513
Rydon H N 19573 19574
Rydzewski A 33731
Ryel J W 12666
Ryerson S J 28262
Ryff J F 4634
Ryge G 4411
Ryka L A 34709
Rykhter E V 39576
Rykken M B 7520
Rykowski H 20448
Ryle A 42167
Rylski L 1045 36180
Ryman B E 36561
Rymkiewicz D 32295
Ryncki P 44304
Ryncki P V 39834
Rynezkii S V 41539
Ryšánek K 39266
Ryser H 15023 39867
Ryser Ia S 4525
Ryseva E S 31227
Ryskind R R 55824
Ryss S M 33339
Rysslng E 22398
Rytand D A 4529 9973
Rytel A 30783 34235
Ryter A 40577
Rytlik K 52725
Rytzner C 271
Rykowska A 29504
Ryzewski J 24061
Ryzhkov E V 25736
Ryzhkov V L 33166
Ryzhkova P S 19114
Rzadkowska I 8099
Rzeczycki W 53204
Rzepecki T 16040 16043
Rzhekhina N I 33337
Rzucidło Z 30859
Sá A E 16477
Sá G de 31808
Sá M M de 40222
Sa T S 38412
Saakov B A 1751
Saavedra A M 6616 6620 18857 18860 29377 42238 51662
Saavedra J 8913
Saavedra Amaro S 18855 51660
Saavedra Zavaleta G 6610 38509
Sabadini L 53437
Sabar I R 32993 34344
Sabata V 12146
Sabatini D 16966
Sabatini D D 8976
Sabatini R 24286 53020
Sabattini P 27439
Sabawala P B 955 52581
Sabbadin A 1965 47795
Sabbadini G 32123
Sabbioni D 194 5568 47813
Sabbioni G 32597 32598 32599 32600 32601
Sabell A G 2109
Sabel'nikov I I 45601
Sabin A B 19810 20764
Sabina L R
Sabiston D C Jr 22016
Sabnis P K 3395
Sabot G 3628
Sabour M 4963 46904

Sabouraud O 32041 38741 44736
Sabourdy M 21277
Sabri J A 23459
Sabria Aymié J 44531
Sabrié R 44154
Sabshin M 46449
Saburenkova E P 31229
Saburov G E 52958
Saccà G 31700
Saccà M 42779
Sacchetti C 26032
Sacchetti G 2979
Sacchetto M 3457 3458 49362
Sacchi E 16021
Sacchi U 54482
Sacchitelli F 39360
Sacco R 30348
Sacerdote F L 8978
Sacerdoti M 42510
Sacharow A E 11396
Sacharow E I 11396
Sachdev J C 16294
Sachdev S 17432 27977
Sacherová A 38322
Sachs B 47075
Sachs B A 16819
Sachs H 4760 4761
Sachs H B 50624
Sachs L 5439
Sachs M 9138
Sachs V 39032
Sachse R 22947
Sachsenweger R 15403 28891 49020 51260 51264
Sachsse B 12097 49083
Sacino G 39530 52024
Sack M J 20645
Sackmann W 9549 21599
Sacks L E 40846
Sacksteder M R 13239
Sacktor B 1367 1368 16933 28276
Sacquet E 53984
Sacra P 36554
Sacrez A 10028 54598
Sacrez R 10026 25455 25456 25457 25458 25489 52019 53016
Sadauskaite E I 7907
Sadd V 18665
Saddi R 26797
Sadek G 4949
Sadenwasser J L 11079
Sadhukhan P 19613
Sadini V 21477
Sadler P W 42953 52297
Sadokierski W 43635
Sadoughi G 11948 11949 11950
Sadoul P 21333 38755 52062 52065 54040
Sadove M S 8134 20501 54786
Sadowsky A 17843
Sadre N L 40093
Sadron C 3506
Sadun E H 887 888 47267 55579 55580
Sadusk J F Jr 28165
Sadwin A 12625
Sadykov N M 18270
Saegesser F 6292 10268 39824 39834 53317
Sählbrandt H D 47664
Sälik E 54642
Saeki S 14913
Saelhof C C 539 49807
Säizler A 15332 15398
Saenger E L 50722
Saenger W 36962
Saenz A Jr 13031 36082 47385
Sáenz Vera C 8844
Saetra G 54976
Saetti G C 3874 42617
Saev G 28715 46275
Saev G K 32744
Saev S 28723
Safadi D 12474
Safar P 973 28288
Safarzyńska-Rybka I 30860
Saffle F 21177
Saffier S 5204
Saffran M 13705 16897 48472 49315
Sagan L A 40602
Sagaón Ramirez J 1819
Sagatov R S 21931
Sage F P 40608
Sage H H 4507 17508
Sage H J 13782
Sage L A 9264
Sagen W 52584
Sager C A 18281 36429
Sager C J 47190
Sager O 9248
Sägi T 25338 39431 55659 55660
Sagik B P 31417
Saginario M 16025 32165
Sağiroğlu N 35760
Sagois L 26870
Sagone M 6417
Sagul G 42799
Saha A 40698
Saha T K 24707
Sahatian-Edwards A 17018
Sahay P A 47004
Saheki S 24109
Sähleanu V 9473 9474
Sahli M 51064
Šahović K 10919
Saia A 2189
Saibene F 37330
Saidakovskii Iu Ia 41542
Saidel L J 1356
Saidov M D 33199
Saier M 50130
Saiger G L 47135
Saikia A 4179
Saikina E F 9893
Saiko G 34184
Saikkonen J 25928 27137
Saikku K 27295
Saile M L 21632
St.Clair E B 27544
St. Colum Sister 5235
St-Cyr M C 41995
St. George S 12563
St. Groth S F de 17400
St. John E G 8574 29773
St. Martin E C 32906 33092
Saint-Martin M 10668
Saint-Martin R 2532
Saint-Martin R de 38784
St.Michael, Sister 14596
St-Pierre P E 18501
St. Romain M J 26376
Sainte-Marie G 30794
Sainte Rose, Sister 16222
Sainz A 20834
Sáinz de los Terreros y Amézaga C 298
Sairanen E 24107
Saiz J 51492
Saita G 42219
Saltmacher H 25257 32635
Saito A 10390 22256
Saito H 37975
Saito M 19606
Saito S 4334
Saitō T 40425
Sáiz Moreno L 8955
Saka N 7658
Sakagami Y 40431
Sakai F 3251 29898 39028
Sakai S 2830 14932
Sakai Y 10066
Sakakibara E 18162
Sakami W 54409
Sakanashi M 13331
Sakata K 327
Sakfel'd E A 41530
Sakharov P I 21932
Sakharov P P 9891
Sakhatchev A 32741
Sakhatchiev A 41585
Sakhatskaia T S 31147
Sakhlevą S M 22547
Sakhiulina G T 23257
Sakix E 3077
Sakka M 8532 15957
Saklad E 47312
Saklad M 47312
Sakson J A 46523
Sakurai Y 34380 49702
Sakusoff W W 38893
Sala E 44912
Sala E C 20639
Sala G 3591 31733 31767 31772 31773 35117
Sala H 34596
Sala J M 18847 35865
Sala L 3631 13511 13512 36817
Sala O 1974 1975 47825
Salaber J B 8699
Salaber J 50437
Salac M L 8778
Salamatin B N 5943
Salamon A 3434 11395
Salamon G 48916
Salamon T 18138 49845 55480
Salas M 1820
Salasc J 26258 26259 24268
Salasea M R 13515 42701
Salatiel Benezra J 53973
Salatin O 17997
Salazar E 13177
Salazar de Sousa C 42732
Salber ... J 19839
Salbreux R 7511 54074
Salcedo I de 11616 28085 50088
Salchow U A 6652 11379
Salcines R A 17142
Salcuni L 20222
Saldaña Sotomayor F 29379
Saldanha P H 44979
Saldón de Rodríguez M L 1557 8824 36858 44600
Šálek J 55720
Salem M el-H 4955
Salembier Y 18526
Saleme A 43853
Salemi V 19186
Salén E F 46661
Salenius P 36006
Salerno L J 24506
Salerno N 44814
Salerso P R 20931
Sales A 8382
Sales S 14450
Sales-Vasques R 9149
Salet J 25499 31984
Saletti M 43270
Salewski H D 23182
Salfeld K 52374
Salgado A 13587
Salgado J P 40223
Salgado Lanza A 36850
Salgarello G 1883 1884 37498 37499 37500 37501 37502
Salgia K M 27987
Salib M 4963 46904
Salik J O 12656
Salimov S G 28805
Salina V V 45195
Salinas E 8912
Saling E 11458
Salis B 25960
Salisbury P F 2515 48727
Salitis S 53361
Saljaev W N 46134
Salkeld C R 41058
salkeld R 41074
Salkin D 10540
Sall T 35696 40451
Salladay I R 45074
Salle A J 28225
Sallé J 26853
Sallee A J 4081
Sallee E D 12234
Sallet J 37863
Sallin O 35107
Sallinen P 21987
Sallou C 15983
Sallstrand M 43220
Salm R 51023 51040
Sal'man A Ia 55850
Salman L 43365
Salmi A M 27290 35144
Salmi H A 27290 35144 35145
Salmi P J 24825
Salmi T 49210
Salminen S 24844 32244
Salmon 18636 18643 18645 51449 51451 51455 51459
Salmon J 10356 21646
Salmon M 6402
Salmon P A 21998
Salmon W D 24369
Salmon-Malebranche A R 32412 54477
Sal'nikov E P 21934
Salo O 13498 24841
Salokangas A 46593
Salom Costa L 18844
Salomão A 13625
Salomão T 53847
Salomon 48413
Salomon H 46257
Salomon S 493
Salomon W 34376
Salomon-Bernard Y (Mme) 36053
Salomone F P 39667
Salomone S 31725
Salomonsen L 286
Salonna F 13499 13500 41069
Salonna I 53592

Salonna L 8046
44171
53582
Salova T A 7806
Salsbury A J 4889
Salsbury A J 18390
Salteri F 25630
31771
31780
Saltiel J 41923
Saltzman A 32082
Saltzman G F 35434A
Saltzstein S L 48551
Salum I 22129
Salvá J A 36938
Salvador 37884
Salvaggio L 13926
Salvaneschi J P 29345
Salvaneschi S 37162
Salvaris M 14167
Salvati E P 50239
Salvatierra D 53904
53917
53929
Salvatierra V 8867
10403
Salvato G 6917
Salvatore F 1881
Salvatore J C 41358
Salvatore J E 47595
Salvatores U 8618
Salvatori L 44811
Salvesen S 35081
Salvi G 13141
13142
Salvi V 25605
25617
Salvia G A 876
Salvidio E 32112
Salvin S B 24421
Salvin S T 600
Salvini L 37423
41389
42484
Salvini M 1864
Salvioli G 2502
26623
42733
Salvioni D 35851
Salvy M 41142
Salvy-Sibboni A M 36068
45021
Salwa W 53177
Salway G P 30640
Salyer J M 15549
41454
Sal y Rosas F 27349
Salz M 636
Salzano J 46380
Salzano J V 28117
Salzberg D A 2671
Salzberger M 24507
43517
Salzer G 6055
Salzgeber B 26917
Salzi J 32055
Salzman A J 31604
Salzman E 40317
Salzman F A 51319
Salzman L F 763
Salzmann L 40362
Samachson J 1381
17573
20779
Samaden R 19271
44315
Samaille J 21271
21288
32198
53997
Samama M 32192
43945
Šaman K 14833
38305
Samarani E 31721
Samarawickrema W A 7202
Samarin G A 18307
Samarin N N 45659
Samarth K D 28258
Sambhi M P 14034
24349
Sambo G 1908
32590
Samec V 55403
Samejima T 50329
Sámel M 36568
Samenfink J A 16559
Samenius B 11882
40984
54826
Samet P 12343
Samilson R L 34976
Samios C J 45562
Samitca D C 44754
46706
Samitz M H 23378
Sammalisto L 44285
Sammons B P 12668
13167
27266
50210
Samochowiec E 53145
Samohýl J 21546
Samoilov A Ia 10943
Samoilova Z T 3556
Samokhina A A 1749
Samokhvalov N V 39612
Samorodnyi V Z 45873
Sampaio A 40210
Sampaio M da S 8782
Sampaio P 53865
Sampaolo G 37377 37489 37490 37491 37523
Sampath Kumar K S 31464
Sampera Rusiñol I 51633
Sampey J R 710 10845 12477 24601 41443
Sampson H 2578
Sampson J J 17055
46869
53571
Sampson L 47286
Sampson P 1702
Sams C F 13557
Samsøe-Jensen T 22432
Samson D 49317
Samson F E Jr 17365
Samson J P 8003
Samson M 1465
9150
Samson P C 5897
36280
54684
Samson-Dollfus D 54081
Samsonov M A 9860
Samsonov V A 12135
51225
Samsonova A P 55813
Samsonova S 32742
32796
Samsonova V G 11506
Samsonowicz J 8082
Samtsov V I 45644
45859
Sámuel A 41985
Samuel B 4483
Samuel E 26094
Samuel J R 12871
Samuel P 45010
Samuel S 26971
33378
33380
Samuels A S 11654
Samuels I 53641
Samuels M L 14752
Samuels S S 36000
Samuelson S 41779
Samvelian V N 39331
Samzun B 41379
San Antonio J P 34397
San Juan F 16125
30881
39987
San Martin H 14530
San Martin R 49418
San Nicolo M R 39418
San Pietro A 21678
Sanabria A 26491
Sanadi D R 40565
40565
Sanchez P J 28013
Sánchez S 15139
31838
Sánchez Agesta A 21102
53892
53925
53926
Sánchez Avella L A 31884
Sánchez Cascos A 6793
8807
44479
Sánchez Cestau R 4073
44543
Sánchez Cosido J 340
Sánchez Creus P 8801
21110
Sánchez de la Vega W 21775
32441
Sanchez Garcia P 26902
26912
Sánchez Hernández A 13527
Sánchez-Malo De Calvo P 8803
8814
Sanchez Manitas H 51659
Sánchez Medal L 44554
Sánchez Pérez J L 31843
Sánchez Rementeria A 25935
Sánchez Sicilia L 53902
Sánchez-Ubeda R 12296
30129
Sánchez Vicente A 47831
Sánchez Villares E 44532
53903
Sánchez Zinny J 37282
Sanchis-Bayarri Vaillant V 53911
Sanctis C de 11242
Sand E A 23926
Šanda E 14873
Sandars D F 17377
Sandberg A A 2694
4845
17021
38066
Sandberg D H 16098
Sandberg E 43250
Sandberg F 50978
Sandberg H 16561
17043
Sandberg I R 54810
Sandegård E 35071
Sandell E 32832
54791
Sander E 26161
Sander G 55405
Sander H 46182
Sander K 11405
Sander M 25179
Sander R 23135
Sanders A F 41085
Sanders A G 5624
14996
Sanders A P 27545
35850
Sanders B S 53653
Sanders D E 37995
Sanders E 10258
Sanders F K 7225
10204
Sanders F W 23325
Sanders J 23665
Sanders K 20553
Sanders R J 14959
51298
Sanders R L 12826
Sanders R T 50573
Sanderson B A 11740
Sanderson W W 12645
Sanderud K 23955
Sandifer M G Jr 44204
Sandison A T 6128
6446
13427
52431
Sandkühler S 21641
Sandler A 9798
Sandler G 48152
Sandler J 44060
Sandler M 29003
50857
Sandler S A 49199
Sandmann H 41593
Sandor G 47419
Sandor M 47419
Sandoval A 21191
Sandow A 750
Sandoz J R 20633
Sandring H 46710
Sandritter W 6066 11341 24146 27418 27497
Sandrock R S 34877
Sandrucci M G 52040
Sands I J 19883
Sands J H 34873
Sands R X 43302
Sands S L 47186
Sands W L 30179
Sanduzzi J 46941
Sandy J T 14655
Sanen F J 6718
Sanfilippo G 20962
Sanford A H 43716
Sanford C A 13798
Sanford J P 4875
5268
Sanford K K 2667
16950
17781
Sanger P W 54703
Sanger R 542
10965
33667
Sanger V L 40396
Sanghvi L D 2248
13244
Sanghvi L M 56
48702
Sangiorgi M 26502
Sangiovanni D 20220
Sangiuliano I A 8402
Sanguinetti A 2498
Sanguinetti C 21447
21450
31750
Sanhueza F 21095
Sani A 20994
20995
20996
Sanielevici-Marinov S 31133
Sankale M 6415
44993
Sankaran A N 2082
37586
Sankaran B 34976
Sanner J C 53050
Sano I 3601
12573
27003
Sano S 24111
24112
54410
Sano Y 34418
34436
Sanpiter I A 45772
Sans Solá L 8886
Sanson L 38523
Sanson R D de 53870
Sansone G 9941 37506 37507 37508 37509 42761
Sansot M 30477
Santa Cruz J Z 24172
Santagati F 25606
Santagostini F 18000
Santamaria F 18009
41406
Santa María J 19582
47655
Santamaria L 48096
52292
Santamariá Arnáiz P 46547
Santamarina V 21161
Santana D 44458
Sant'ana L A 39992
Santana Z 21229
Santana-Carlos V M 13375

Santanelli R 37368
Santangelo G 27757
39127
53687
Santángelo H 20634
Santangelo U 54216
Santas A A 25948
Santavy F 26907
30498
37141
37846
Santenoise D 24905
38732
Santi L 9342
Santi M L 1866
Santi R 7131
Santiago F S 52823
Santillan G 21068
Santilli E 7729
Santini M 6921
6924
Santmyer P H 5135
Santoni T 9463
Santojanni P 29590
Santojanni P 51999
Santolaya A 21220
Santoni A 25966
Santoni G 24959
24960
32593
42570
Santopadre G 36225
43268
Santorelli G 7740
7741
8600
Santoro L 37156
Santoro M 3902
Santoro T 28041
Santos A T 14471
Santos B C 14471
Santos C C 28141
Santos C W 23313
Santos G M 44449
44450
44451
Santos G W 5421
10501
Santos H L 29807
Santos I M 1135
Santos J dos 8252
Santos M 5189
Santos M de L 6769
Santos O 4350
50082
Santos R F 8757
50466
Santos R de G 42194
Santos R S Jr 7986
7987
Santos R T 8001
Santos Dias J A 12910
Santos Filho D V 53848
Santos-Ruiz A 6854
47305
21148
Santos Sanz 21115
21139
Santot J 42433
Santotskii M I 53461
Santucci A 3851
49589
Santucci J 6372
Santy P 28351
41397
42499
42500
Sanvenero Roselli G 29575
Sanwal B D 3451
Sany C 19350
24773
Sazyal R K 5784
Sanyal R K 51081
51096
Sanz C 31844
Sanz F 26848
Sanz M C 39872
Sanz Alsina B R 27203
Sanz Ibañez J 8848
44504
Saout J 54029
Sapelka N 32489
Saper J 30065
30072
Saphir O 12470
Sapin-Jaloustre H 3147
Sapir 975
Sapir L I 45231
Sapirstein L A 47129
Sapirstein W 18114
Saporta J A 44455
Sapov I A 37196
Sapozhnikov V M 51185
Sappenfield R W 22176
Sápszky V 41989
Sapundzhiev V 28740
Saputo V 42789
42790
Sapwell J 53294
Saquis J 8732
Saracco C 6842
6843
29634
Saraceno F 13516
Sarachek A 39228
Saracini C 27433
Saraeva A N 5946
Sarakinos M 31081
54305
Saran A 13720
Sarasin G 24121
Sarasin R 13131
39858
Sarason E L 54721
Sarason I G 17192
40820
Sarason S B 16468
Saratikov A S 13855
49434
Saraux H 13056
14513
Saraval A 1524
Saravia Cánepa H 15471
Sarcione E J 12535
20783
Sarda L 13837
47941
Sardi J L 9720
Sarett H P 1260
5543
Sarewitz A B 5368
Sarfati 36164
Sarfati E 15166
Sargant W 14239
14263
Sargent E R 50239
Sargent F H 8277
20910
20911
Sarhan A E 12653
Saric R 17661
Sarin J C 40911
Sarin L R 17444
40911
Sariñana C 1816
13900
37259
Saris N E 24826
Sárkány B 41616
Sarkany I 37552
41820
Sarkar J K 17424
17438
40924
49994
Sarkar S 15236
Sarkaria D S 17799
Sarkisov A G 9927
Sarkisov D S 25767
Sarkisov M A 27314
Sarkisov S A 34811
Sarlaty R 11946
Sarles H 17986 26692 26693 35049 35052 51448
Sarles J C 17986
35052
Sarlos P 52887
Sarma P S 1706 7235 13722 28577 31464 37118 49290
Sarmento A 12911
40217
Sarnat B G 8032
Sarnoff C A 24339
Sarnoff S J 28639
Sarnowski M 20427
Sarot I A 21741
Sarquis J H 43900
Sarracino J B 6438
Sarrazin A 32050
Sarre H 18908
19440
24317
28944
Sarria A 25028
Sarrouy C 8880 24285 24297 25462 32197 32394 32395 43963 53015
Sarruf M 9709
Sartain C C 23334
Sartan E M 8209
Sarteschi P 32477
54481
Sartor A A 44406
Sartorelli A C 2698
26478
38090
38091
Sartorelli E 42221 42222 42228 42229 42230 42231
Sartori C 52050
Sartori E 13969
Sartori G 42614
Sartori S 41777
Sartori T C 21209
Sartorio C 29725
Sartorio E 39515
Sartoris S 55087
55088
Sartorius H 28944
Sartory R 13049
21399
Saruf S 16402
Sarwar M 2108
Sary B 11206
43427
Sarylova K P 45129
53035
Sas J 23192
Sas M 23233
Sas V 52875
Sasa M 16441
Sasahara T 16456
Sasaki M 46154
49671
Sasaki R 14966
Sasaki T 16465
52300
Sasame H A 25423
Sasanuma T 13328
Saslavsky S A 9685
27242
Saslaw S 20104
Saslow G 40742
Sass M 46900
Sass-Kortsak A 43506
Sassenrath E N 2711
Sassine A 15142
38665
38685
Sasso S 20123
Sassowa J 7826
Sastry C A 54411
Sastry K S 7235
37110
Sastry P B 33856
Satake K 40499
Satake M 22257
Sataloff J 34927
Satanowsky C 53888
Satchell G H 40734
Satinsky V P 49188
Sato I 55431
Sato K 4338
22916
40423
Sato M 16470
Sato N 25004
Sato S 4337
10391
15578
Sato T 18160
18161
49667
Sato Y 22264
22265
32352
Sato-Asano K 13776
Satoskar R S 5775
5776
Satter E J 11076
Sattler A 11002 22773 22787 22789 22805
Sattler H 27135
Satyanarayana-murthi G V 33856
Satyashankar K 17436
Satz L A 11728
Saubier 36651
Saubier E C 51385
Saucer R T 17157
Saucier G 43951
48860
Saucier J 10666
33415
Saucier R 10682
Sauer A 6666
Sauer F 29846
48459
Sauer H 15635
29119
38924
52271
Sauer H H 7615
Sauer W G 4456
49703
Sauerbier W 32671
Sauerbrei H U 34115
Sauerbrei H U 52228
Saul L J 40153
Sauli M 3645
35006
35014
Saulnier G 41922
Saumont R 2301
Saunders C L Jr 7492
Saunders F J 13192
15600
15608
15609
Saunders G M 40120
Saunders J C 39167
Saunders J H 40635
Saunders L 41291
41317
41324
Saunders L Z 17103
Saunders M 28977
Saunders P R 17947
54408
Saunders S J 21825
54509
Saunders W B 116
13275
Saunier C 21290
38755
54040
Sauramo H 47361
47362
Sauter K E 11071
Sautet J 14439
14451
Sauthoff R 41768
Sautot 42450
Sautot J 51366
Sauvage L R 22076
Sauvage R 35529
Sauvage Nolting W J de 3759
Sauvan R 43945
Sauvan R L 34850
Sauvé L 8248
Sauveplanne A L 19721
Sauvy A 53595
Sauza H 6618
Savage J E 17809
38591
Savage R E 40581
Savagnone E 36752
37478
Savary J 26230
27721
Savastano A A 9264
Sávay G 35257
Savchenko Iu N 34750
Savchenko L P 18870
Savchenko M G 32576
Savchenko V S 18875

Savchuck W B 32625 40779
Savchuk O E 34675
Savel J 20797 32928
Savel'ev V S 10739 10787
Savel'eva R A 34616
Savel'eva T A 28823
Savell A L 26074
Savi C 7723 37454
Saviano M 25644
Savić S 10928 21942
Savićević M 27865
Savich B 47973
Savich T E 18894
Savidge R A 41316
Savidge S 37535
Savignac E M 12669
Savili A 2048
Savillo D 7029
Savin L H 48207
Savin S 9943 31911 51720
Savini E C 32924
Savinich F K 22625
Savinkov B F 10714
Savino E 15521 39126
Savinov A P 46291
Savinovskaia A A 45617
Savinskaia A P 48002
Savio M A 33012
Savitskaia E V 10745
Savitski A 46741
Savitskii IU N 45771
Savitskii I V 33563
Savitskii N N 55183
Savlov E D 54688
Savoia F 1977 39311 39312 39313
Savoia L 21473
Savoie E 33422
Savoie J C 9022 16917
Savolainen A 24814
Savonicheva I P 31176
Savov Kh 16421
Savov S G 32807
Savova E 28766
Savulescu V 26493
Sawa I 26893
Sawada T 34408
Sawelja S D 15334
Sawhney C P 40094 50004
Sawicki A 30760 30819
Sawinski V J 45381
Sawitsky A 7841
Sawrey W L 4380
Sawyer C G 30109 30224
Sawyer H P Jr 5303
Sawyer J 2526
Sawyer J L 47052
Sawyer K C 12821 39141
Sawyer L 20911
Sawyer T K 22607 50538
Sawyer W H 15621 15622
Saxén E 24815 36015
Saxén L 24815 24850 27299 27300 36034 36035 40789
Saxena K M 50614
Saxena P N 16290 40080
Saxena R S 23081
Saxena S N 40910
Saxholm R 23979
Saxl A 11045 41717
Saxon L 5265
Sayago C 46742
Sayago G 44579
Saydjari M 35683
Saydjari M S 46915 47248
Sayed M D 40378 40379
Sayeg F 18827
Sayeg J A 31607
Sayen J J 15005
Sayers A 4647
Sayers A C 40403
Sayers G 20717 39200
Sayil T A 22374
Sayman W A 16653 54777
Sayoc B T 35783
Sayre F W 28253
Saz A K 16934 17316
Saz C 21241
Saz H J 3523
Sazonova E M 33234
Sberna P 8587 0589
Sbitneva M F 6641
Sborov V M 35680
Sbraccia C 25585 25586
Sbragia S 52057
Scadding J G 8300 37740
Scafati A 53820
Scafati A J 43879
Scaife J F 40469 52325
Scala R A 25406
Scalabrino R 6911 27206 31743 52078
Scalais 35506
Scalfi G F 29647
Scallon J 35677
Scalvini L 8605 20993
Scandroglio J J 27878 27880
Scanlon E F 10085 22027 22092 23483
Scanlon J C 17689
Scanlon J P 50270
Scanlon P W 12681 36270 53733
Scanlon R 15041
Scanlon R T 3027 37609
Scannell J G 5888 18124
Scano A 9382 9392 9393 19207 19221
Scanu A 50536
Scapaticci R 25576
Scapinelli G E 331
Scapinelli R 1964
Scarabicchi S 29730
Scaramucci J C 43299
Scarano E 1713 1921 1922 1923 13970
Scarborough H 53268
Scarborough R A 16612
Scarborough W R 24345
Scardigli B 6275
Scardigli G 3890 3892 27617 42583
Scardino P L 54727
Scarfi G 3642
Scaria K S 3455 3511
Scarinci C 53241 53242 53433
Scarlato G 32139
Scarlini G 26625
Scaro J 44595
Scarpa A 42592
Scarpa G 21478
Scarpa J B 6597
Scarpa-Smith C 34992
Scarpatetti R 30542
Scarpelli D G 17389 17801 40588 40589
Scarpina V 6285
Scarpioni L 3869 37306
Scarselli V 37340
Scarzella M 42764
Scassellati Sforzolini G 3870 13925
Scattini E J 43862
Scavino G M 53915
Scavo D 27461
Scébat L 43748 47751
Scevola G 6709 6799 6920 52053
Scevola M E 37359 37360
Schaad G 34594
Schaafsma S 41978
Schaal J A 28151
Schaar I 41726
Schaar P J van der 52515
Schaare U 42264
Schaberg A 39273
Schabinski G 33905 33906 41745
Schach H 55694
Schacher J F 6483
Schachman H K 10866
Schacht W 22945 22954 39262
Schachter D 40570
Schachter H 48462
Schachter J 20898
Schachter M 301 8873 8882 14136 21322 27657
Schad N 39903
Schade A L 3412
Schade F F 40325
Schade H 34206
Schaechter M 40851 40852
Schächter S 43867
Schaede A 3608
Schaefer D L 12430
Schäfer E 25336 42370
Schaefer E S 2833
Schaefer G 12804 20327
Schäfer H 19405 43572 46220
Schaefer J 489
Schaefer J C 24294
Schäfer K H 16382 49684
Schaefer K P 29886 36493
Schaefer L E 2885 35722
Schaefer R 25274
Schäfer W 25255 30248 34521 46170 46228 55672
Schäffer A 2873 13048
Schaeffer P 10200
Schaeffler W 40416
Schär B 29888 39232
Schär M 54349
Schaet D E 50094
Schaetzel 53563
Schaetzing E 52246
Schätzle W 49281
Schafer A 5219 38022
Schafer H 6022
Schafer H H 3788
Schafer I A 24986 26834
Schafer L J 12223
Schafer W 15450
Schaff G 26833
Schaffer B 41004
Schaffer F J 42084
Schaffer H R 37576
Schaffer M H 15241
Schaffer R 21833
Schaffner F 5407 35681 46954 50879
Schaffner V D 38038
Schafhausen G 28862
Schafroth H J 54346
Schaie K W 15562
Schajowicz F 26717
Schajowicz F 8984 16976
Schalij G 19723
Schall D W 24116
Schall H 34116
Schall L 3287
Schaller K F 55479
Schallock G 23129
Schally A V 13705 16897
Schalm D 9832
Schalm L 7325 7328 49602
Schalm O W 16778
Schaltenbrand G 27169 36471
Schamberg I L 11564
Schambye P 15633
Schamroth L 491
Schanker L S 41280
Schanzel H 33720
Schao Y L 16457
Schapira A 12291 32418 32419
Schapira F 24970
Schapira G 9015 9028 19593 24970 26797 32020 38520 38646 44628 54290 54300
Schapiro J A 50231
Schapiro S 12507 29871 31419 40996
Schaposnik F 32470 53322 53356
Schappert-Kimmijser J 46455
Scharenberg K 23812 50931
Scharenberg P 39023
Scharf R 30752 33904
Scharfetter H 22770 55394
Scharff A 34296
Scharf-schwerdt H 23620
Scharizer E 34248
Scharmann D L 31568
Scharmann T 31565
Scharnke W 42906
Scharplatz A 27702
Schastnyi V A 39606
Schatten W E 8031 14743 36315 51298
Schattner A 11718
Schatz A 16400
Schatzberg-Porath G 21712
Schatzki R 46401 46913
Schatzki S C 30099
Schatzmann H J 35792 35793
Schaub F 21600 23101 26487 27384 54369 54376 55545
Schaub K 43580
Schaub R 6679
Schauble J F 46520
Schaudig A 30548
Schaudig E 32673
Schaudig H 15424
Schauffler G C 38582
Schaumann W 43012

Schaumkell K W 18930
46080
46081
Schaupp W C 36281
Schaus R 37899
37901
53992
Schávelzon J 35964
Schayer R W 13790
53114
Schechter D C 22057
23491
54729
Schedel F 55706
Scheder E P 48376
Scheel P F 34279
Scheele R 3738
Scheer K E 32636
32699
35109
Scheer R L 50449
50450
Scheerer A 18922
42371
Scheff G J 5191
Scheffer D 38758
Scheffler G 54630
Scheffler H 3272
40173
Scheffler W 3753
Scheffner D 55656
Scheflen N A 17124
Schega H W 49678
Scheib D 26904
26916
Scheibe E 27132
34119
43609
Scheibe G 11147
Scheibe H 23179
Scheibe J R 5229
Scheibe W 15303
49423
Scheibel I 23978
Scheid H 26507
Scheid W 27488
39005
52564
Scheid-Seydel L 18334
Scheie H G 46468
55016
Scheier I H 17731
24587
37988
Scheiffarth F 395 6073 6092 11236 11237 11286 12190 12191 12201 22995 29429 33970 34022 34050 38516 40134 48061 49082 49099
Schein A J 28507
Schein C J 47597
Schein E H 31546
Schein J D 17155
Scheinar J 9448
Scheinin T M 24804
47364
47365
Scheler F 3251
Scheler W 23596
23600
23606
25904
Schelin U 23956
Scheline R R 2696
2697
Schell H W 27075
Schellekens L A 30007
43038
Schellen A M 7276
30002
Schellenberg H 55501
Schellenberg K A 40506
Scheller E F 51873
Schellert P 378
Schelling J L 54335
Schellong G 52245
Schelpert J W III 12403
Schembra F W 12100
Schen R J 37677
39777
Schena A T 1835
Schenck D M 31287
Schenck E 3620
Schendel H E 19605
29530
Schenk H 28893 28930 29471 42360 46835 46837 51242
Schenk W G Jr 1240
22006
Schenkel H 55178
Schenkel J F 39268
Schennetten F 11201
11203
54322
Schennetten F P 38891
46117
Schenone H 13896
Schenoni L F 8682
Schepel J A 29952
Schepens C L 23427
Schepers G W 12784
Scheppe K J 34097
Scheppokat K D 30584
Scher A M 48726
Scheraga H A 1710
7215
26959
Scherberger R F 45886
Scherer E 9976
Scherer F 38975
38985
Scherer I W 17127
Scherer W F 16438
44079
Scherf D 568
29785
Schergna E 27656
44360
Scherl N D 10694
Schermuly W 3615
Scherp H W 2566 5190 16872 17409 17410
Scherr G H 36344
Scherr M S 28145
Scherrer H 30558
Scherrer J 38734
44736
44745
48870
Scherrer M 9542
39881
44934
Scherstén B 10064
Scherwin J 22429
Scherz R G 28591
Scherzer E 11044
23758
45957
Schettini E 32127
32133
Schettini F 20225
43469
Schettler G 34188
49139
Scheuba G 22204
Scheuer-Karpin R 11211
Scheuerbrandt G 53555
Scheunert A 28065
43595
Scheurlen P G 6682
Schewach-Millet M 27771
39778
Schewe E J Jr 35865
Schiano S 9938
36965
Schiavelli R 43898
Schiavetti A 31737
39524
52096
Schiavetti L 31736
52096
53802
Schiavini A C 42773
Schiavone E L 8969
Schiavone G A 9680
Schick A 12684
Schick C P 34195
34217
Schie W van 25678
Schiedt U 46167
Schiefelbusch R L 50684
Schiefer R K 40337
Schiefer W 5521
55752
Schiemann E 34278
Schiemer G 11341
Schiemer H G 27497
Schieppati E 8714
10105
Schierbeek A 43072
Schiff B L 11586
Schiff C A 54773
Schiff F S 47054
Schiff O 27896
Schiff-Wertheimer (Mme) 19765
Schiff-Wertheimer S (Mme) 32398
Schiffbauer W 10126
Schiffer D 27669
37390
37391
Schiffer K H 35427
Schiffer M A 12416
Schifferli P 27029
Schiffrin M J 20503
54786
Schild H O 17977
Schild W 42290
42387
Schilder D P 16811
Schildt E E 35485
Schildt P J 18156
Schilf E 28854
Schilg J 46101
Schill G 54800
Schiller A G 40395
Schiller F 45810
Schiller G 15300
46126
55472
Schiller I W 17648
Schiller J 12604
Schiller M B 53862
Schiller S 8643
52744
Schiller W 3754
Schiller-Tleczko B 11114
Schilling E L 2700
5424
5425
5430
Schilling I 34345
Schilling J 24040
Schilling J A 848
12709
31451
Schilling M O 11776
Schilling R F 40113
Schilling V 51792
51806
Schilliro 41481
Schima E 22823
Schimatzek A 11338
Schimek R A 23452
23433
35773
Schimert G 10144
Schimizzi M 23756
Schimmel G 55491
Schimmel H 44991
Schimmelpenning G 42337
Schimmelpenning G W 25382
Schimmerl G 43016
Schimpf K 6076
27186
Schinazi L A 47264
Schindler H S 34297
Schindler O 38651
Schindler R 33857
48567
Schindling I 55508
Schinko H 33866
45932
Schinz H R 15876
30281
38969
Schinzel A 25262
Schipek T 10319
Schipis E H 22250
45416
Schiptowensky N 4139
Schippmann H 28919
Schirger A 31469
49649
Schirmeister J 49101
Schirmer R 43360
Schirren C 3988
29470
Schirren C G 32649
42355
Schittich G 42303
Schjeide O A 8531
15610
43273
Schlaaff H 48352
Schlack C A 17827
Schlaegel T F Jr 94
55017
Schlag J 3478
Schlager K 3605
Schlagetter K 46076
Schlamowitz M 13409
40908
Schlander E 45949
Schlang H A 12311
Schlanger B B 5820
24465
Schlapper K 42927
Schlawe W 52204
Schlayer C 5263
20510
Schlegel B 372
41744
Schlegel C 277
23845
Schlegel D E 10849
45840
Schlegel G 22180
Schlegel J F 20809
Schlegel J J 27382
Schlegel J J 39847
Schlegel K F 6707
Schlegel L 16113
Schlegel-Oprecht E 32308
Schleicher I 13378
19028
19041
19056
Schlenker F S 15941
Schlenska W 25351
Schlesinger B 20701
22285
Schlesinger H J 14355
Schlesinger P 12256
48149
Schless J M 47506
Schlessinger B S 19140
Schleusing G 28049
Schleusing M 23591
Schleyer F 27146
33522
46123
Schleyer H von 11376
Schleyer-Saunders E 40975
Schlesak L 25467
Schliack H 19755
19759
Schlicher L 6069 11205 22947 30501 30523 30581 34031 55449
Schlicht H 25182
Schlicht I 52167
Schlichtegroll A von 13636A
Schlicke C P 52763
Schlie I 34237
Schlief H 23023
Schliephake E 42916
Schliesser T 45464
Schliessmann D J 7013
20257
53649
Schlig B B 12523
Schlipköter H W 34063
55507
Schlitter H E 398
35582
Schlittler J G 385
55550
Schloerb P R 23393
33115
40699
Schlöneer W 29403
Schlomka G 22939
32262
32263
Schloss M F 46942
Schlossberg E 16233
Schlosser J V 38067
Schlossnauer B 27474
33924
42255
Schlossman A 15737
Schlote F W 55612

Schlubach H H 27481
Schlüter G 6065
Schlumberger H G 23467 47080
Schlumberger J R 49740
Schlungbaum W 45263
Schlussel S 47244
Schmähl D 52213 55535
Schmäl D 34179
Schmalbach K 23804 27174
Schmale A H Jr 8423
Schmali M 40347
Schmauser H 39408
Schmauss A K 14954 15336
Schmeidler G R 49771
Schmeink C J 19724
Schmeiser A 46071
Schmelzer H 28924
Schmermund H J 6101
Schmersahl K J 43610
Schmid A 26480
Schmid E 12190 12191 18963 18975 29071 40130
Schmid F 15852 18277 34243 41601 49059 54600
Schmid F R 13627
Schmid H H 18987 18995A
Schmid H J 10956 23099 39855
Schmid J 41704 43817
Schmid K 33048
Schmid M A 42900 52224
Schmid P C 19032 19048 19385 34090
Schmid R 31907 38428 39842 43518 49713
Schmid W 30276 34024
Schmideberg M 20832
Schmidt A 23992 23995
Schmidt A J 5068
Schmidt B 23002 34053 34500 46256 55494
Schmidt C 27171
Schmidt C F 48730
Schmidt E 6068 49102
Schmidt E C 33873
Schmidt E G 17473
Schmidt E L 45825
Schmidt E R 11814
Schmidt F 34177
Schmidt F H 24545
Schmidt F W 6068 49102
Schmidt G 3472 11166 29898 30607 46014
Schmidt G W 6075 34011 46150
Schmidt H 200 22216 26390 41771 42405 43179 49046 51802 55645
Schmidt H A 18335 32693 34021
Schmidt H J 19022 19046 39961 39963
Schmidt H W 11176 12812 12813 22949 22989 23018 34048 55586
Schmidt K 22881 51235
Schmidt K E 50843
Schmidt K G 47908
Schmidt K H 7032
Schmidt M 53251
Schmidt M R 35332
Schmidt M S 7551
Schmidt N J 17407 24425
Schmidt O 27141
Schmidt P J 43142 55350
Schmidt R 3277 5124 27841 32386
Schmidt S S 33117 33118
Schmidt T 7474
Schmidt V 10624 33401
Schmidt W 3276 13651 23233 25200 34405 51785
Schmidt W J 55626
Schmidt-berger R 55557
Schmidt-Gross U 11307
Schmidt-Hoensdorf F 33714 45791
Schmidt-Lamberg H 55879
Schmidt-Matthiesen H 15982 46083
Schmidt-Nielsen B 4672
Schmidt-Nielsen K 12539 12558 54428
Schmidt-Thomé J 49911
Schmidt-Überreiter E 46013
Schmidt-Voigt J 6706
Schmidt von Elmendorff H 34003
Schmidtke H 28058
Schmidtmann M 15441
Schmiedel A 25800 37009
Schmiedt E 29798
Schmiedt-Gross U 23641
Schmincke W 15308 38938
Schmitt D 52598
Schmitt F L 5438
Schmitt F O 15682
Schmitt G 34009
Schmitt H 47635
Schmitt, Hélène 15093 36593 38673 48830
Schmitt, Henri 15093 36593 38673 48830
Schmitt H G 10555
Schmitt J 9099 9134 9135 9143 32194 44747
Schmitt K 36502
Schmitt-Rohde J M 6081 39057 49311
Schmitter H 42909
Schmitz 15281
Schmitz H 24998
Schmitz H E 20508 38599
Schmitz R 42284
Schmitz R L 11779 46544
Schmitz W 2438
Schmitzer G 31133 53426
Schmitzer G (Mme) 53426
Schmölling H 33955
Schmoller H 25316
Schmorell H 23208
Schmouker Y 54902
Schmuth G 51782
Schmutz J 30596 30606
Schmutzer K J 12217 15238 22071 29121
Schmutzler H 23019
Schmutzler R 29405 55470
Schnabel E 27897
Schnabel R 33523 33539
Schnabel T G Jr 50460
Schnabelmaier H 11286
Schnack P 21615 22755
Schnall C 8502
Schneck J M 47198
Schneck L 23508 23509
Schneckloth R E 2912 12463
Schneeberg A L 50116
Schneeberg N G 50429
Schneeberger-Ataíde 11244
Schneegans E 25460 45009
Schneemann R T 15828
Schneer H I 8382
Schneersohn F 34136 55519
Schneeweiss J 3298 10293
Schneeweiss U 11240 15291 28406 34518
Schneewind J H 14762 22017
Schneidelbach M 33384
Schneider A F 46420
Schneider A J 15037
Schneider B A 48412
Schneider C 43818
Schneider C L 7606
Schneider F 17932
Schneider G 25893 33827 43011
Schneider H 22887 23073 32277
Schneider H A 31321
Schneider J 660 8345 9044 14434 21609 30432
Schneider J A 13465 42250
Schneider K 53320
Schneider K W 1319 13350 18320
Schneider L E 16884
Schneider M 788 31494 49914 54925
Schneider M D 45564
Schneider P W 25362
Schneider R 364 20919 34330
Schneider R A 22726
Schneider R C 5505
Schneider R G 7161
Schneider U 36468
Schneider W 6696 27150 39001 39083 43020 47669 49075
Schneider W C 16922
Schneider-Reinkens A 18954
Schneiderbaur A 22877
Schneiderman C 26419
Schneiderman H A 7220 21677
Schneiderman M A 25925 43142 48549
Schneiderman N 18091
Schneiders A A 28036
Schneierson S J 16583 30174
Schneierson S S 5412 31360 46908 54834
Schneken-burger J 1326 1327
Schnetz E 33985
Schneweis K E 33520
Schnieder H 2057 12505 14117
Schniewind H 36948
Schnitker M A 20103
Schnitzer A 30263
Schnitzer R J 31422
Schnoebelen R 42428
Schnohr E 11884
Schnorrer M 30770
Schnug G E 36321
Schnur A 52206
Schnute W 12696
Schober B 43098
Schober H 28899 28914
Schober K I 55710
Schober K L 2284 37750
Schober W 22896 46658 52554 52565
Schobess J 43605
Schobinger R 30261 38077
Schoch A 9530
Schoch E P Jr 32909
Schoch M 43830
Schochet S S 634
Schochet S S Jr 634
Schöffling K 3432
Schöler H F 11911
Schöler W 55391
Schölmerich P 382 55550
Schölzel E 23623
Schölzel P 32646 39402 51853
Schömer W 10002
Schoen D 34245
Schön E 28098
Schön H 7236 6092
Schoen H 49095
Schoen I 1177
Schoen R 19426 35220 46044
Schönbach G 12888 22211 29083 29111
Schönbauer D 22860
Schönbauer E 15847
Schönbauer F 41718
Schönbauer H R 34261
Schönbauer L 6063 22852 40951
Schoenberg C F 16957
Schoenberg H W 15999
Schoenberg M D 51029
Schoenberger J A 50720
Schöne D 29900
Schöneich R 39420
Schönenberg H 12103 24231 35573 35587
Schönenberger H 1329 47677
Schönen-berger M 55557
Schoenfeld H 16231
Schönfeld H 39073
Schönfeld J 19026
Schönfeld K 25336 42370
Schoenfeld R J 11574
Schönfeld V 14818
Schoengen G 24910
Schöngut L 52891
Schoenherr K E 55698
Schönherr W 34504
Schönherr W S 18933
Schönhöfer F 1575
Schönholzer G 28074 30602 30612 30965
Schoening H W 16762
Schönlieber W 6684 51801
Schoental R 19490
Schönwälder H 25310
Schöpfel I 29415
Schoepfle G M 47098
Schoeppe W 18335 34021
Schöttler W H 14479
Schöyer N H 49766
Schofield J A 19573
Schofield R 19534
Schofield W 17690
Scholander P F 4661 32231 39276 44902 49454
Scholefield P G 579 26452

Scholer H 8145 21631 23024 44943
Scholes N W 5742 17966
Scholl H 5473
Scholl O 25813 37026
Scholler K L 35588
Scholler F 9022 32389 32390 32393
Scholtan W 55465 55466
Scholten P 16591
Scholtmeyer R J 47842
Scholtze H 45463
Scholz C 34110
Scholz D A 50205
Scholz E 25308 34110
Scholz O 26171
Scholz R 11012
Scholze S 55441
Scholzová-Janovská D 14816
Schon M 17740 41360
Schonfeld M D 31645
Schonholtz G J 40614
Schoof H F 47259
Schoog M 1575
Schoog-Lützenkirchen A 18962 42363 52232
Schooley C 3508
Schooley J 31453
Schooling I B 2150
Schoolman A 50945
Schoolman H M 31354 50724
Schoonbroodt H 44785
Schoonhoven van Beurden A J van 43021
Schoonover R 5229
Schoop W 33990 55461
Schopman W 43028
Schopp R 22194
Schor J M 4754
Schor S 54730
Schornagel H E 5661 29937 36868
Schorrig E W 40797
Schorsch G 36481
Schostok P 29082
Schotschel W 53079
Schott B 5333 18562 18564
Schott C 37874
Schott H J 35597
Schotté O E 4969
Schottlaender F 8374
Schou J 7163 23995 24007
Schou M 24009 24010
Schouller A 32060
Schoumacher P 18018 54046
Schour I 20157
Schourup K 23973
Schoustöe A 1419
Schoyaman R 38767
Schrade W 3250 3257
Schrader F 26603
Schrader K E 28890
Schrader R 47658
Schraer H 16267
Schraibman I G 55064
Schraier M 43865
Schram E 26321
Schram M 7608
Schramek A 49831
Schramel R J 46518
Schramm B 27718
Schramm G 7984 46169
Schramm M 28261 40477
Schránilová K 38367
Schrank A R 13387
Schraufnagel F H 53671
Schreck T 11362
Schrecker A W 27483
Schreibeis L Jr 46884
Schreibeis W J 46884
Schreiber A 39383 39389 46803
Schreiber E 28398
Schreiber H W 29796
Schreiber I 3980 39791
Schreiber J 53370
Schreiber M 1240
Schreiber R 9476
Schreiber R W 40595
Schreiber S S 4853
Schreiber V 23752 38229 38251 38298
Schreier K 18911 29110 34121 35565 46270 49882
Schreier P C 45086
Schreinemachers L P 52529
Schreiner B F 35735
Schreiner E 23000
Schreiner G E 13181 23392
Schreiter G 34338
Schrek R 11767 19495
Schrek R R 22105
Schrenk H H 11599
Schrepfer R 41016
Schreuder O B 37678
Schreus H T 38998
Schricker H H 55514
Schricker K T 41767
Schriefers H 49906
Schrier A M 17334 50497
Schrier S 1138
Schrier S L 31400
Schriever H 30587
Schriever K 1320
Schriftman H 50259
Schrimshaw N S 15755 50959
Schrire T 9813 32491
Schrire V 12216 12259
Schroder S 50792
Schröder C H 23202
Schroeder C M 40284
Schröder E 41732
Schröder F 29097 29101
Schroeder F F von 34147
Schröder G 23181 34266 45460
Schröder H 11341 20331 35950 37754
Schroeder H A 51 4835 4836
Schröder J 397 3432 23014 55662
Schröder K 23047
Schröder K J 15377 46207
Schroeder O Jr 51727
Schröder R 34217
Schroeder W 12068 34234 47724 53073 55460
Schrödter S 25257
Schröer H 55448
Schröer K W 46156
Schröer R 23044 27747
Schröpl F 25284
Schroer R 18985
Schroeter E 10301
Schröter H D 15361
Schroeter L C 16703
Schröter P 34108
Schrohenloher R E 40541
Schroth R 23199
Schteingart M 27228
Schubardt I 22955
Schubarg J R 38066
Schubart A F 24343
Schubert E 43577
Schubert G 9982 10012 33943 45948 46176 55450
Schubert J 9610 26564 46410
Schubert J H 17469 17603
Schubert J J 45560
Schubert J R 21707
Schubert K 3951
Schubert M 49464
Schubert R 3238 6683 15453 34049
Schubert W 55647
Schubert W J 47723
Schuböthe H 25847 21642
Schuchardt E 34228
Schuchardt K 29069 29099
Schucher R 18356
Schuck C 16559
Schuder J C 46509
Schück O 11184 11333 14849 26553
Schueler F W 12979
Schüler H 29401
Schüller E 25193 33963 45947
Schüller H 29408
Schüller J 24319
Schümann H J 29881 29891
Schüppert R 11120 42252 52197
Schürhoff W 30633
Schuermann H 29800 49312
Schuermann R 21166
Schürmeyer E 3240 25798 37016
Schütt B 39941
Schütte E 15013 23619 38518 49672
Schütte K H 19605
Schüttmann W 15329 48066
Schütz E 13654 42343 53084
Schütz H 44212
Schütz R M 13652
Schütz W 29031 38418 38429
Schütze E 11420 46125
Schuhmachers-Brendler R 42316
Schuit H R 10958 10961
Schuldes R E 10047
Schuldt H H 25298
Schuler C 9541
Schuler D 7697 25447
Schuler E E 16703
Schuler K 43807
Schuler P 4237
Schuler W 3471
Schulhof O 7708
Schull W J 544 43530
Schuller C 17663
Schuller E 24158
Schulman I 17585 30427 31336
Schulman J L 46980
Schulte D M 11086
Schulte E 18944 34300 52216
Schulte F J 29901 30541 38964 53075
Schulte H F 46418
Schulte J W 28159
Schulte K E 13362 51060
Schulte W 52558
Schulte-Brinkmann W 34536
Schulten H 15772
Schultheis T 11320
Schultheiss E 22820 45972
Schultheiss E von 4046
Schultheiss F 45972
Schulthess G von 274 21596
Schultheiss H R 39753
Schulthess P von 39878
Schulthess-Sallmann B von 39896
Schultis K 46647
Schultz A H 16789
Schultz D F 50948
Schultz E 27195
Schultz F C 5528
Schultz E N 527
Schultz H J 6984
Schultz I 23312 35705
Schultz J 444 3489 3490 10640 13250 55109
Schultz J A 12296
Schultz J H 11022 22878
Schultz L R 12695
Schultz L W 24681
Schultz O E 1326 1327 13360 13361
Schultz P W 4970
Schultz R L 482
Schultz W 3137
Schultz-Larsen J 23981
Schultze B 32682 47905
Schultze E G 10288
Schultze G 47224
Schultze H E 15435 37233 55557
Schultze K W 15448 51826
Schultze-Jena B S 34093 34134
Schulz B 4477
Schulz C W 16765
Schulz D M 34873 46898
Schulz E 36445 49822
Schulz F H 22961 23089
Schulz G 47676
Schulz G V 46171
Schulz H 22228 25814 25815 55629
Schulz H G 21030 53843
Schulz J 49316
Schulz K H 12089
Schulz L C 34158
Schulz R 41760
Schulz R E 785
Schulz R J 35851
Schulz R W 783
Schulz T 981
Schulze E 49104
Schulze G 27881 49306
Schulze H A 19410
Schulze H O 4742
Schulze J 23133

Schulze K H 34146
Schulze P E 11281
Schulze W 15280
25298
34553
Schumacher G 1595
9520
18939
46086
Schumacher G A 17008
Schumacher G F 17539
Schumacher H 7957
34017
43344
Schumacher J 42367
Schumacher W 10005
39411
Schumaker V N 27398
Schumann H 44498
Schumann H J 29904
Schunck K P 15381
Schunk J 52230
Schuppener H J 15278
Schuppins 3137
Schuppius A 22187
32965
Schuppli M 54367
Schuppli R 20604
24301
44941
Schur M 44236
Schurch P 13049
21399
Schurno A 6020
Schuster A 33068
52614
Schuster H 36911
46169
Schuster R 18322
Schut W 30016
Schutte J A 13529
Schutzescu P 28047
Schuurmans Stekhoven J H 34312
34313
Schvarzer A 32462
Schwab F 22868
Schwab J H 40812
Schwab M 6088
41759
Schwab R S 7400
17009
52582
Schwab W 39015
Schwabacher H 4889
18390
Schwabe C W 24706
47263
47264
Schwabe H K 6728
Schwabe H K 51839
Schwachhofer D 38712
Schwaiger M 29030
Schwalb H 46095
Schwalbová M 38322
Schwalm H 15421
47638
Schwamm H 16381
Schwanitz F 46165
Schwantje E 52511
Schwarte L H 5603
Schwarting A E 16702
Schwartz A 35636
Schwartz A A 47014
Schwartz A E 10080
Schwartz A H 47237
Schwartz A N 20384
30661
Schwartz B M 5416
Schwartz B S 41036
Schwartz D 40664
Schwartz D A 50193
Schwartz E E 1772
Schwartz E K 8403
12635
34898
Schwartz F F 5349
Schwartz G 54058
Schwartz H A 20074
Schwartz H G 30933
32719
Schwartz I R 35684
Schwartz J 10036
10027
10507
31097
Schwartz L 8134
24453
Schwartz L A 17787
28499
Schwartz M 22412
23318
28957
41812
Schwartz N B 3417
Schwartz N M 19566
Schwartz P 8245 20665 22338 25510 32068
Schwartz R 15967 30130 31333 43513 48361 49494
Schwartz R D 19833
Schwartz S 33061
44969
Schwartz S D 44143
Schwartz S I 156A
25058
54674
Schwartz S O 31354
50724
Schwartz S P 2894
Schwartz T B 50441
Schwartz W B 50454
Schwartz W S 35916
Schwartz-Kirschen I 31127
Schwartzbaum J S 17083
Schwartzkopff W 39066
Schwartzma . A 51594
Schwartzman J 9713
Schwartzman R M 11581
Schwarz A W 24677
Schwarz B 12957
Schwarz B E 8425
51602
Schwarz C 25793
35918
36999
Schwarz E 9519
11232
15294
34046
Schwarz F 30007
46576
Schwarz F K T 4044
Schwarz G S 20955
Schwarz H 47675
Schwarz H A 31604
Schwarz H H 50446
Schwarz J 7123
19455
30910
52279
Schwarz K 20760 31284 40568 51923 51924
Schwarz L 27907
Schwarz M 42254
Schwarz P 55747
Schwarz R 11441 21886 23213 32972 38923 49754
Schwarz T W 16694
Schwarz W 25819
34423
Schwars-Tiene E 20961
Schwarzacher H G 27701
Schwarzbart A 50749
Schwarzenbach F H 27010
Schwartzfischer F 42907
Schwarzman J 32452
Schwarzweller F 34295
52272
Schweckendiek H 29579
Schweer G 3259
Schweet R S 28249
Schwei G P 11070
Schweidson J 16140
Schweier P 19004
19424
Schweiger H G 23623
49909
Schweiger O 10582
12807
22361
Schweigert B S 1259
Schweinburg F B 25031
31424
52636
Schweingruber B 33273
39835
Schweinitz A von 6071
Schweitzer A 19783
Schweitzer F 15733
Schweitzer H 27125
Schweitzer L A 41895
Schweitzer P M 43058
Schweizer C 25335
Schweizer H 25322
Schweizer W 9525
21602
26482
26483
Schwendiman L 49861
Schwenk E 28271
Schwenker G 47666
Schwenzer A W 18924
25199
Schwerd W 27129
42945
Schwerin F 52570
55667
Schwers F 20799
Schwert G W 1692
9573
44112
Schwick G 37233
Schwier V 7031
Schwietzer C H 55678
Schwimmer B 28501
Schwind F 19760
Schwitalla A M 16180 16195 16217 40013 49954
Schwittay A M 4534
Schwoebel G 30979
Schwöbel W 55686
Schwyzer R 52294
Sciacca B 25546
Sciacca F 6816
42742
Scialpi G 3916
Sciarini L J 23385
Sciarra P A 13286
Scient M 49487
Sciortino A L 57
Sciortino G B 13992
13993
Scipiades E 41985
Sciuchetti I A 50258
Sciuchetti L A 16723
40385
Sciausero G 8609
Scobie B A 6146
Scoccia S 52931
Scofield H H 41245
Scoggan S M 25427
Scognamillo A 9280
52059
Scoby L 21267
21268
16616
Scola E 31816
Scolari E 8586
Scolari E G 6898
Scolpini V 44600
Scopp I W 20136
Scoppa P 1881
Scorciarini-Coppola A 13935
13940
Scorer C G 53515
Scorza J V 55065
Scorza P 43865
Scossa K 29182
Scothorne R J 19503
47554
Scott A 28668
Scott C Jr 33094
Scott D 767
11976
35713
Scott D Jr 28302
Scott E 4539
Scott E G 51069
Scott E M 5554
12469
17114
18374
Scott F G 17372
Scott G B 5677
Scott H M 5544
Scott H W Jr 1222 5873 9426 51152 54669 54752
Scott J 12501
12502
Scott J A 5600
Scott J C 50397
Scott J F 6114
16923
17384
Scott J M 2551
37972
Scott J S 17831
48481
Scott J T 14987
Scott J V 16769
Scott J W 48487
Scott K G 2696
2697
29525
Scott L V 7415
Scott M 7941
Scott M G 10055
Scott M H 26109
Scott M J 28623
52759
Scott M L 17815
Scott P P 10055
Scott R 2168
Scott R Jr 35935
50313
Scott R B 165 2995 3015 13330 18679 20560 42043
Scott R C 10426
24337
Scott R F 18452
41265
Scott T F 23485
Scott T F M 30356
Scott W 773
23422
26094
Scott W C 2656
4276
Scott W J 40854
Scotti F 42221
Scotti R 13346
Scotti T M 19630
40832
Scotto J 32005
Scotto J C 31045
Scovel F G 4829
Scoville A de 21326
54608
Scoville W B 41913
44746
Scow R O 20767
47121
Scowen E F 50516
51031
Scragg J 32503
Scragg R D 14570
Scribner B H 12564
Scribner L H 42054
Scrimshaw N S 1262
50960
Scrivener B P 28475
Scriver W de M 48531
Scruggs H C 27509
Scudamore H H 13165
Scuderi G 31923
Scull E 27076
Scullica L 23571
Sculléty S 24027
29019
52900
Scurlock V C 18025

Scurr C F 8281
Scuto G 44621
Scutt P B 13781
Seabra O 16146
30878
39984
Seabra-Dinis J 16482
Seabrook D B 22734
Seabury J H 23399
Seager C P 14206
Seakins J W 13714
Seal J R 45559
Seal R M 26012
Seale A L 28483
Seale L M 28204
28206
Seals J 12224
Sealy H K 41151
Sealy W C 12965
18116
52751
Seaman A J 12272
Seaman G R 40562
Seaman G V 19459
Seaquist M R 4706
Sear H 47135
Searle G L 29525
33064
Searle G W 3357
Searles H F 17789
20822
50040
Searls R L 40565
Sears A C 50290
Sears G A 460
Sears M L 668
34918
Sears V 44715
Seaton D R 37545
Sebald M 13041
Sebaoun J 9189
36058
Sebastiani C 36707
Sebastiani F 27644
Šebek V 26564
Šebek Z 34519
38159
38160
Sebertyen K 25015
Sebestyen M 31428
Sébire C 36663
Sebők L 10577
Sebrell W H Jr 4425
9758
12346
Sebruyns M 7761
9500
19626

Secchi A 16009
16011
Secchi G C 25631
37183
Séchaud J 40577
Secher O 22406
23538
55105
Sechzer P H 963
Seckfort H 6091
51847
Secondari E 15541
Secondo G 53710
Secor S M 864
Secretan P 21347
Sečujac B 21946
Sédallian P 50782
Sédan J 14492 20122 21352 36147 44654
Seddon H J 6268
50388
50389
Sedlácek J 9496 1 132 21547 21553 21564 21565 21567 21568 48612
Sedlák J 23005
26566
Sedlák P 38175
Sedlis A 637
Sedov K R 5211
Sedova N B 45168
Seeberg V P 47742
Seed J C 13456
Seedorff H H 23875
Seegal D 20894
Seeger P G 22945
22954
Seeger W 19031
Seegers W 55359
Seegers W H 10323
Seele H 42885
Seelemann M 34051
Seelen J C 17033
30009
43038
Seelentag W 6731
32656
39415
45262
Seeler A O 46409
Seelich F 18325
Seelig E 27915
49924
Seeliger H P 1574 34463 38943 38952 46234 46279 50350
Seelye J M 17045
Seeman A 15095 15124 26660 26669 36720
Seemann D 55409
Seemen H von 29068
Seevers M H 49473

Šefčovičová L 2775
Sefer M 46271
Seferova N I 45105
Segal A 50389
Segal H 4290
Segal' h E 34776
Segal J P 14985
Segal J R 29831
Segal L 29343
44387
Segal M 45066
Segal P 28847
30083
31505
53137
Segal S 15020
Segal S Jr 23446
Segal S J 55031
Segal V 32949
Segall H N 14663
Segall M H 50098
Segal' S 48517
Segaloff A 25434
38067
41263
Segar L F 17766
Segar W E 12500
43508
52592
Segel I H 50342
Segelov J N 6473
Segers A M 15477
53365
Segers M 183
184
Seghini M 29724
Segi M 24179
Segni G 37505
37506
37507
37510
Segonzac G 1064
7762
26884
Segovia de Arana J M 8799
Segre G 13440
Segrestaa J M 45325
Segreto C 8756
Segschneider P P 10011
52242
Segui L 13347
Segundo J P 5513
Seguy J 54467
Sehon A H 14614
14621
14622
14623
Sehra K B 40072
Seibel D I 46994

Seibel J M 35684
Seibel R 24493
Seibert F B 5192
Seibert G 12285
Seibert R H 5267
Seide M J 3172
27054
Seidel H 42024
Seidel K 22940
22941
22942
Seidel K H 23220
55736
Seidel R J 5054
53644
Seiden G E 30183
52583
Seidenberg R 5460
20841
Seidenfeld M A 47533
Seidenschnur G 23240
33913
33960
38922
Seidenstücker H 46234
Seides S W 47265
Seidl E 40176
Seidl S 11139
23635
Seidler L 22928
Seidman F 31328
Seidner H M 20076
Seifen E 25882
Seifert E 19378
26164
42901
42947
Seifert G 3235
12085
46189
Seifert H 24104
46142
Seiffert H G 38902
46201
46203
Seifert M E 11095
Seifert P 27452
Seifter S 1707
Seige D 44216
Seige K 52247
Seiger H W 7627
43309
Seiken G 7458
Seillé G 53420
Seils E 35414
Sein M 48407
Seipp W 42896
Seit-Umerov S M 41557
Seitchik J 3003
12428

Seitelberger F 10998
33858
39034
Seitz I F 13853
48040
Seitz D 39042
49283
Seitz P F 39434
Seitz R 19761
28879
42243
Seitz W 46116
52198
Seitz W A 49134
Seitzer A 4051
Seiwald R J 12468
16722
Sejanovich C 31005
Sejtved B 7475
Sekelj A 10909
Sekelj P 14045
48441
Sekera A 47738
Sekhon G S 4185
Seki J 11106
55436
Seki K 45579
Sekiguchi M 45842
Sekiguchi T 39453
Sekiya Y 12702
Sekkenes J 35133
Sekula J 30333
Sekuracki F F 4245
Sekuru I 29813
Selavri T V 49433
Selawry O 4664
Selawry O S 12689
Selbach H 33848
36488
39044
Selby J B 17562
Selden J L J 32529
Seldin D W 17071
Seldin H M 20134
Seldin S D 20134
Seldon W A 6459
18762
42095
Sele V 10607
45517
Selenka F 25223
25238
36421
Selenkow H A 49516
52616
Selesnick S 12287
Seletz E 2347
14552
16657
Seley G P 7468
Selfa J 46675

Seliger V 4668
38222
Seligman A M 21804
28390
Seligmann A W 24984
Seligmann M 21263
21269
53983
Selin M J 24737
Selinko O 28053
28068
Selitskaia T I 45216
Seliukova M N 32676
Selivanov V P 43392
Seliverstova L A 51932
Selkirk G 25925
Selkon J B 10533
31258
Selkurt E E 2920
Sell F 28009
Sell H M 1347
Sell O E 12729
Sell R 29893
43572
Sella A 37300
Sellars W 50128
Sellek A 8838
Selleri R 3549
49412
Sellerio U 31702
Sellers R D 10144
54760
Sellers R F 7238
Sellers W 4725
Sellier K 46123
Selliman J-C 3355
Sellors T H 39121
Sells S B 4706 28201 28209 40702 55880
Selman G G 4989
40790
Selman J 12662
Selman K 9089
Selmicis J 43593
Sels A A 48904
Sels J 23901
Sel'tsovskii P L 5942
36416
45693
Selvaag O 10363
54949
Selye H 3693 4253 5567 10389 11616 13001 23993 24313 26504 27353 29218 30274 35622 36598 41628 44936 46587 47904 52259
Selzer A 4529
54592
Selzer J 11063

Selzer M L 50908
44292
Semans S 8018
Semashko S A 34652
Semb C 10364
Semeina N A 47866
Semelaigne G 25451
Semen N P 15764
Semenitz E 18315
22997
Semeniuk I F 10790
Semenov A A 33211
Semenov A D 31166
Semenov L F 51775
Semenov M N 36350
Semenov V S 53464
Semenova A I 55799
Semenova E L 34618
Semenova K S 46312
Semenova N F 37191
Semenova O A 13570
Semenza G 27851
Semerdzhiev b 28730
Semerdzhiev M 28735
Semette 36153
Semette D 275
Semikopnyi I D 45875
Semisch R 22206
29080
52217
Semlow A 34074
Semm K 25204
Semmel M I 46962
Semmens J P 35747
Semmola L 8587
9337
Sempere Leonarte J 31833
Semple A B 20586
Semple R E 15057
Sempoux D G 1386
Semprebene L 3585
3863
Semsch R D 42807
42814
Sen J 17450
Sen N C 5164
Sen P 4170
Sen P K 17449
Sen R 16293
Sen R N 4174
40073
Sen S P 51082
Sen T 721
Sená J A 44409
Senaldi M 23913
Senana, Sister 16186
Senatore C M 8160
Senatorova G F 36407
Senay L C Jr 141
Sencha I Iu 39587
Senchilo E A 22528
Sender B 9803
Sendra L 24283 24298 25462 30469 30470 32197 32394 32395 43963 53023
Sendrail M 26980
36068
45021
48954
Senecal J 24284
24296
46859
Senechal G 45024
Šeneki M 14814
14823
Sénelar R 7764
38756
Senes 20520
Senescal 50773
Senet O J 3348
Senevet G 1428
1429
24292
36547
Senez J C 3038
38645
47934
Sénèze J 26256
32414
Senft A W 51012
Senft G 29895
Sengupta K P 49995
Sen Gupta P C 5168
Seniavina L B 36393
Senina V A 51204
Senini G 8629
Seniow S 30789
Senis F 1538
1542
Senita G R 89
Senkowski B 40347
Senn A 30988
Senn L Y 54664
Sennikov B A 41698
Senning Å 10178
42502
43187
Senoh S 4770
Senra A 35955
Sensenbrenner M 13768
19480
48851
52428
Sensenig D M 11789
Sensi P 15747
49397
Sensi S 14019
Sentein P 15140
23568
Sentenac 5330
Senterfit L B 551
552
24572
Senti F R 1299
Sentiea R 8930
Senturia B H 1191
51352
51353
Senyk J 53136
Senz E H 5713
5725
9972
Sepibus C de 44711
Sepke G 22348
Seppälä P 49207
Seppälä T 36109
Seppi I V 10883
Seppilli A 36222
Sepulcri P 36223
36232
36233
Sepúlveda B 35679
Sepúlveda G 8911
21178
21198
53961
Serafimov N 32608
36619
Serafimov-Dimitrov V 45281
Serafini F 1094
Serafini L 42762
Serafini U M 39773
Seraile L G 23340
23341
Seral y Casas F 38535
Seranne J 51458
Serban E N 1425
Serber B J 12940
Serbin A F 16602
Serbin R A 30250
Šercer A 17624
35344
Serebrennikov V S 39574
Serebriakova Z N 55848
Serebrinsky J 20627
20648
31023
31027
Serebrov A J 42908
Serebrovskaia I A 7807
Seredin R M 3573
Seremetis M 21741
Sereno L 27461
42672
Serény B 23769
43101
Serényi P 6339
Seres I 10566
10579
Seresteir Z 49126
Serfati M 3623
Sergeant C 2434
Sergeant Y H 21398
Sergeev G V 28822
Sergeev N P 22626
Sergeeva E V 53044
Sergeevskii M V 34711
Sergent C 38699
Sergevain v V 41506
Sergheraert G 53027
Sergiev P G 33470
Sergievskii M V 21877
Sergievskii V S 27307
Sergio C 32132
Seri I 37000
37001
Serie C 55479
Serif G S 4743
44130
Serigó Segarra A 21105
Serifiana Bayer J M 44514
Seringe P 25448
Serino G S 27106
Séris H 31938
Serisé M 9660
17653
17659
26674
Serkes K 22019
Serluca P 21492
29627
Serment H 9033 9035 9037 9038 9039 26264 36056
Seropian K A 22509
Seror J 409 24237 24242 24253 24255
Serov V V 25729
Serova E V 5964
47865
Serowy C 38905
Serpi E 37494
Serpi G 8575
Serpieri L 37288
Serr D M 17843
Serra A 222
26590
Serra A V 4360
28084
Serra C 13928 13990 27635 37363 37364 37365 37366 37367 37392 39359 46640
Serra G C 42470
Serra P 51990
Serra U 39352
Serra-Peralba A 8887
Serradel Terreres E 54994
Serradel Terreres E 54995
Serradimigni 42017
Serrano D G 2468
Serrano O 36157
Serrano Galnares 29350
Serrano Munos F 31835
31837
Serrao P 29126
Serrate A 53944
Serratto M 42632
Serre A (Mme) 36085
Serre H 19352
19354
21389
53418
Serre L 19351
Serres A 5329
Serres J 39493
Serstron D 15169
25499
Serson Neto D 8737
Sertoli G 36964
Sertoli L 7731
Servadio E 4285
42590
Servantie X 10967
Servello M 42530
Serventi G 1895
1896
Service M W 55353
Servino V 48749
Servit Z 34684
38190
38238
Sessa G 15788
Sessa T 15789
39359
54205
Sessner H H 6082
27183
29110
33973
Setlik K 34156
Setbon 31069
Sethi B B 40930
Setnikar I 3545 3546 13917 16813 17332 37288 37331 37332
Setooka S 7655
7656
Settel E 4438
16563
50167
Settergren F 54806
Settlage P H 4926
Setty L R 16779
Seuderling Y 32483
54496
Seuntjens H 42997
54313
Seusing J 27180
27198
Sevag M G 1374
1375
Sevast'ianov V D 45619
Sevat 42010
Ševčík M 30951
Ševčík V 15664
Ševčovič J 9457
Ševčovičová L 23146
Ševela M 38102
Seven M J 46927
51591
Severi F 2961
6245
Severi R 21440
42584
Severin G 38446
Severin S E 48010
Severina V A 55302
Severinghaus E L 4544
Severinghaus J W 16843
Severini P 9395
Severino D 9708
32453
Severova E Ia 21900
Sevestre P 47438
Sevin 53560
Sevin W 42275
Sevitt S 2150
5614
Sevost'ianova G A 34726
Seward C O 16763
Sewell J W 26381
Sexe H 50775
Sexton A W 16630
Sexton J 47138
Sexton L I 13218
Sexton R 40861
Sexton W A 5751
Seybold G 6680
Seyer J 53430
Seyfarth H 37754
Seyffarth G 42881
Seyss R 3618 18317 23090 23190 25686 34246 41773 49689 51233
Seze S de 9653 24771 32380 35212 44776 45012 47349 53370 53441 54184
Sfez M 15113
Sfikakis P 1789
Sfrondini E 31698
Sgambati V 8604
Sgarbi E 1932 1933 14014 14015 25711
Sgarbi M 15253
Shaak T V 45698
Shabadash A L 13562

Shabalin A E 39591
Shabanov A N 54546
Shabanov M Sh 18255
Shabart E J 5897
45454
Shabb S 47252
Shabetai R 24337
54679
Shabetai R W 5874
Shabunina E S 33198
Shaby J A 33859
Shack J 4766
20721
Shack L 38012
Shackleton P 1210
Shafei A Z 4950
Shafer A W 52629
Shafer D M 46459
Shafer E G 40347
Shafer I I 33219
Shafer J C 50174
Shafer M R 17456
Shafer W G 17208
Shaff G 45065
Shaffer A B 46875
Shaffer M C 24545
Shaffner L 52754
Shafizadeh F 35542
Shafrir E 29529
40694
Shaftel H E 36000
Shaftel N 709
Shafter A J 46985
Shagass C 2654
41193
Shagunova N A 48017
Shah J R 16309
27985
Shah K L 50752
Shah M J 40087
Shah M T 27975
27976
Shah P N 13202
Shah R L 29001
Shah S R 27988
Shaiken J 46914
Shain L A 5970
Shakhbazian E S 41671
Shakhnazarov M S 31230
Shakhnovich A R 10943
34817
Shakhnovskaia E I 32554
Shakhodyrov V V 33488
Shakhtmeister I Ia 22501
Shaklee A B 5117
40857
Shalaby E S 4957
Shalaev M I 45124
Shall 20520
Shalleuberger P L 39462
Shal'neva A M 34625
Shal'neva T S 33586
Shalytkin N L 41561
51171
Shamaeva E M 52965
Shamanina V M 33248
Shamanna D 50621
Shamarina N M 49549
Shamarina T N 10741
Shambaugh G E Jr 46473
Shamblin J L Jr 35883
Shambora W 6769
Shamma A H 17013
Shamma'a M H 582
Shamov V N 27315
Shanberge J N 17604
Shanbrom E 4449
31635
55427
Shandala M G 6650
Shands H C 53609
Shands W C 23496
Shane L 34983
Shane S J 2623
14693
48513
Shanes A M 50577
Shangin N I 21919
Shanholtz M I 10846
22587
45807
45820
Shanin A P 55331
Shanin Iu N 10746
18187
Shank R E 4423
Shanklin J G 15567
19979
Shankly K H 36985
Shanks R O 48336
Shankwalker G B 40778
Shanley J P 28456
Shannon I L 34833
Shannon J E 10490
47541
Shannon J G 43726
Shannon J V Jr 48973
Shannon R E 12307
Shannon R H 16865
Shanon J 39165
Shanor S P 36570
Shantyr' V I 18194
Shanurenko I A 54571
Shaper A G 38138
Shapira N 39816
Shapiro A B 50531
Shapiro A L 49987
Shapiro A P 8426
Shapiro B 29529
37090
50113
Shapiro B Ia 31194
Shapiro D 10335
Shapiro D D 20197
Shapiro E 49189
Shapiro E M 17522
Shapiro H H 33016
47546
Shapiro I N 55150
Shapiro J 40390
Shapiro J H 66
2894
12687
31642
Shapiro L A 15740
Shapiro M B 17734
17745
Shapiro M I 24593
51889
53614
55780
Shapiro M Ia 55239
Shapiro M J 11665
Shapiro N M 23503
Shapiro R N 839
Shapiro S 1294
8436
Shapiro S H 24434
Shapiro S K 1688
4757
52145
Shapiro S L 11728
Shapiro S W 862
Shapiro V S 45106
Shapiro W J 7601
Shapiro Z A 20298
Shaposhnikov O K 22512
25742
Shaposhnikov V N 33149
51925
Shaposhnikova N E 33612
Shapoval V I 45596
Shapovalov A I 3558
Sharaf A 12754
12755
Sharapova T A 55765
Share L 47124
Sharf A G 34967
Sharf M 16082
Shargorodskii L Ia 21880
34757
Sharkawi A H 4953
Sharma A P 16295
40075
Sharma K D 861
2104
16354
Sharma M I 16281
Sharma N L 5172
Sharma O P 40075
Sharma P L 40077
40078
40079
Sharma S 36581
36582
49993
Sharma S K 4203
Sharman I M 5536
Sharnoff J G 140
50206
Sharon D 3969
Sharov I I 13867
Sharp A 48739
Sharp A A 41856
Sharp C F 17880
Sharp D G 31418
Sharp E H 18119
38486
Sharp H C 784
17175
Sharp H S 17633
Sharp J 13299
36304
Sharp J A 50297
Sharp R 53724
53726
Sharp R F 5937
Sharpe D S 17750
Sharpe E S 25159
Sharpe H S 52346
Sharpe K W 27545
35858
Sharpe M E 5087
Sharpe R A 51347
Sharpenak A E 22679
Sharpey-Schafer E P 2262
25984
Sharpless G R 28527
Sharrard W J 40628
Sharvill D 44051
Shashkov V S 3567
Shatalova N A 55269
Shatrov I I 34639
Shaver D N 705
Shavit N 40495
Shavtaov S I 10880
45865
Shaw C C 4249
Shaw D T 16969
44759
Shaw E A 28205
Shaw E B 783
Shaw F 44861
Shaw F H 17956
42091
Shaw G 41882
Shaw G W 38480
Shaw H J 28475
Shaw J A 41323
Shaw J C 44071
44072
Shaw J H 17202 17217 17219 41227 41234
Shaw J R 20889
Shaw K N 19468
19519
Shaw P A 15263
Shaw R A 31443
Shaw R S 18124
52626
54671
Shaw S 20711
Shaw W N 49178
Shaw W V 37109
Shawver E F Jr 43126
Shay H 12579
24992
49721
Shaykin J B 16539
Shchechkin V N 10778
Shcheglov V V 18273
Shchelkunov S I 33283
33296
Shchepetil'nikova O G 31238
Shchepetov M F 31218
Shcherbakova L I 49436
Shcherbakova M G 32580
Shcherbakova V V 31219
Shcherban' E I 35889
51761
Shchupak B N 9920
Shchupak N B 41663
Shchurbov S 28760
Shea J J Jr 36263
51154
Shea P C Jr 50805
Shea T E 53724
Shear M J 5441
17251
17252
37567
Shears R N 50672
Sheba C 4876
13872
16398
37227
Shebanov F V 9881
Shechmeister I L 17481
Shedd D P 27053
Shedd J L 46406
Shee J C 14794
Sheedy J A 19146
Sheehan B 11678
Sheehan D C 24441
Sheehan H L 3013
17901
29217
51016
Sheehe P 2672
Sheehy J L 18482
34934
Sheehy T W 11635
Sheek M R 31417
Sheets B V 11739
Sheets J D 4548
Shefer D G 21879
34767
46348
Shefts L M 32727
Shenata A M el-T 25163
Shefkman M B 41650
Sheikova G 11478
Sheinbergas M M 43565
Sheiner B 12958
Sheiner Z F 54551
Sheinfeld S 16561
Sheinin P I 33588
46826
Sheinin R 17311
Sheinis V N 18256
Shek H Y 54937
Shekater I A 51216
Shekhtman E M 12113
Shekhtman Ia L 51736
Sheklakov N D 9848
Sheklakova A A 45651
Shekleton M C 50343
Shekun L A 1740
37170
Shelagurov A A 32884
Shelby R W 867
Sheldon J M 31245
Sheldon R W 49391
Sheldon W 18671
43523
Sheldon W F 15005
Shelepin B A 45185
Shelesnyak M C 17239
17243
Sheline G E 12680
31497
36274
50422
Shell W F 4936
Shellabarger C J 37108
50524
Shelley H S 11807
Shelley W B 13164
39928
41003

Shelly C 5066
Shelly M W II 5057
Shelokov A I 4482
Shel'piakova S A 6031
Shelton E 28528
Shelton G C 5135
Shelton J G 42114
Shemano I 26408
Shemin D 28272 39222 47964
Shen S C 38391
Shenfield B E 3781
Sheng S G 55149
Sheng T P 38383
Shenger I F 3570
Shenk N A 52868
Shenker D I 45741
Shentoub V 11247 34145
Shepard C C 28226
Shepard R A 5209
Shepard R B 54678
Shepard R H 4660 16842 8422
Shepard T H 46534
Shepelev E Ia 22625
Shepelev M V 48049
Shephard R J 4658 12222 16816 26061 34868 40137
Shepherd C J 7245
Shepherd D M 10349 28608
Shepherd G R 16508 16633
Shepherd G W 48451
Shepherd H G Jr 38559
Shepherd J A 18056 53280
Shepherd R J 42998
Sheppard C G 5144
Sheppard C W 31606
Sheppard M 18743
Sheppard P A 40138
Sheppard P M 8492
Sheppe W M 45914
Shepa J 31548
Shepa M C 5749 52596
Shepa S G 31475 35646
Shepshelevich L L 7785 44014
Sher P B 62
Sheremet Z I 51771
Sherer P G 28657
Sheridan M D 14223
Sherlef M M S el D 47930
Sherif Y 1477
Sheriff H 28116
Sherlock S 13182 18674 28997 31981 38616 49679
Sherlock S (Mrs) 36623
Sherman A A 30174
Sherman A I 38602 46987
Sherman C D Jr 10091
sherman D 5828 35466
Sherman F E 24331 24412 41270
Sherman H 4592
Sherman J D 22317
Sherman J H 44082
Sherman J K 20792
Sherman R S 19821 20950 53734
Sherman S I 44015
Sherman W B 4394 28126
Sherrod T R 5740
Sherry S 4861 10332 33070
Shershevska a R S 55837
Shershnev P A 11481
Shershul'skaia L V 33572
Sherstoboev K N 51937
Sherwin O 28392
Sherwin-Weidenreich R 49839
Sherwood F W 41233
Sherwood H 38833
Sherwood I R 47626
Sherwood R J 31575
Sherwood S L 27021
Sherwood T C 5301
Sheshedzhieva E 28706
Sheshina G A 45239 55252
Sheshina V A 43558
Shestakov S V 45203
Sheth S C 4227
Sheth U K 4201 13334 40087
Shetlar C L 35787
Shetlar M R 31323 35787 35829
Shettles L B 49480
Shevchenko I T 33620
Shevchuk O F 45157
Shevelev A S 6644 34643
Sheveleva V S 49527
Shevkolovich Iu V 55259
Shevkunova E A 51740
Shevliagina M I 33832
Shevyrev A D 3569
Shewan J M 29857
Shibaeva E D 55249
Shibaeva S M 25752
Shibano N 55430
Shibasaki K 29810
Shichikawa K 24099 44793
Shickman G M 17262
Shickman M D 13007 34887
Shideman F E 11066 20491
Shidlovsky B A 25017 35874
Shiel F O 12265
Shield J A 21847
Shields C E 10693
Shields C D 47784
Shields G S 7847
Shields H 44297
Shields J 50910
Shields L H 12307
Shields R 6145 18059
Shields T W 1215 8478 22104 24722 54776
Shiels D O 42111
Shifman L M 46818
Shifrin I A 34636
Shifrin S S 27311 45102
Shifrine M 47631
Shiga H 4339
Shigematsu A 26731
Shigematsu H 19562
Shigeura H T 37115
Shih M H 48681
Shih P C 2845
Shih P T 2860
Shih Y C 2858
Shilanevskii A Ia 49225
Shilna T 4347
Shikata A 20112
Shikhobalova N P 51736
Shikhodyrov V V 6641 48033
Shikita M 2817
Shikunova L G 22524 27310
Shiliagina N N 23267
Shilkret M A 52593
Shillady R E 4095 4112
Shillam K W 44032
Shiller J G 43520
Shiller-Volkova N N 33607
Shillito J Jr 50947
Shilo M 37570
Shilova S A 18888
Shima A T 20501
Shimamoto T 46873
Shimanovskaia K B 10793 45755
Shimazaki T 27042
shimazono H 25435
Shimizu G I 24099
Shimizu H 44650
Shimizu H J 745
Shimizu K 2827
Shimizu M 2828 2829 16802
Shimizu N 10396
Shimizu R 34174
Shimizu T 13777
Shimizu Y 40427
Shimkin M B 5442 28523 48532 50888
Shimomura S 36326
Shimova O A 23679
Shimura H 46873
Shimwell J L 25152
Shin M 52390
Shin-June 46777
Shinabarger E W 23350
shindarov L 32770
Shindler T O 40590
Shiner M 53526
Shingleton W W 27545
Shinjo N 16798
Shinkareva L F 12108
Shinn D H 52340
Shinoda M 49231 49232 49237
Shinion N K 41851 52400
Shiota T 3602 13397 17199
Shiozawa F 4331 26788
Ship A G 14743 36315
Shipachev V G 43409
Shipkovenski N 32761
Shipkovenskii N S 46339
Shipley E R 51476
Shipley R E 15007
Shipman W M 5357
Shipolini R 11478
Shipp J C 23489 35792
Shippe F C 24659
shiraishi T 336
Shiranovich P I 18884
Shirasaka R 4330
Shirasu Y 49669
el-Shirbiny A H 28316
Shirer J F 41187
Shirkova G I 11516
Shirling D 16844
Shirobokov V V 52946
Shirokov S F 7921
Shishkin S S 51215
Shishko E I 21914
Shishkova V N 12117
Shishmanov N 32751
Shitikova M G 7784
Shive W 1269 45383
Shively J A 34994
Shively J N 20927
Shizume K 49239
Shkliar B S 9852
Shkoda M A 45881
Shkola I E 55270
Shkurko E D 11481 55842
Shlapakov I I 33281
Shlapoberskii V Ia 36414 49226
Shliakhtina O N 55298
Shlindman Sh I 9899
Shluger N A 10878
Shlygin G K 33508
Shlygina N V 39576
Shmakova F V 37147
Shmeleva M I 31226
Shmeliov N A 21092
Shmel'kin D G 55853
Shmerling M D 47857
Shmidt E V 34702 46305
Shmukler B A 45610
Shmurun R I 33279
Shnider B I 28131
Shniger N U 45139
Shnitka T K 2549 14642
Shnittser M S 31220
Shnol' S E 55301
Shock N W 40875 50579 50586
Shoden A 12471
Shoemaker H A 28584
Shoemaker W C 10086 24495
Shoenberg E 6156
Shoesmith J 12265
Shoesmith J H 6200
Shofer R 5737
Shōji T 14921
Shoith B P 20275
Sholl P R 58 11814
Sholler L 23518
Sholt K 11496
Shone D K 2762
Shonk C E 4739
Shontz F C 4916 40707
Shoop G 7552
Shooter R A 25036 26101
Shope R E 28321 50293
Shopov A 32809
Shopov A V 15760
Shor I Ia 44024 55262
Shor M 4562
Shorb M S 12758 31357
Shorbe H B 40610 48776
Shore H 39567
Shore P A 20502
Shore V 10865
Shorland F B 52319
Short D S 14039 41837
Short E I 10528
Short R V 29002
Shortman S C 2251
Shotts E B 4642
Shouger R B 9575
Shoulders H H Jr 17576
Showacre E C 54634
Showers M J 28308
Shporn A B 22682
Shraer T I 33215
Shraiber M G 22543
Shramko N P 45609
Shrewsbury M M 31296
Shrimpton D H 20917
Shrivastav J B 861 2104 16354
Shroff P F 48420
Shteinberg S M 34784
Shteinfel'd B I 9873
Shteintsaig A I 55248
Shtel'makh N I 32891
Shtemberg M I 33619
Shtenberg A I 22681
Shternshis Iu S 18304
Shternshis S Z 33879
Shtiurmer E B 49524
Shtraikher A P 10236
Shtraus Z E 32578
Shtreis A I 32574 33323

Shtul'man D R 21884
Shu-Ü J 43593
Shuba A I 51181
Shubenko-Gabusova I N 45149
Shubich M G 25766 48053
Shubin E 2893
Shubina A V 7789 7809
Shubladze A K 22701 45251 46781 55776
Shubova T B 34816
Shu Chu Shen 29972
Shucksmith H S 37649 48261 51328
Shuey C B 45098
Shuey E W 13399
Shugar D 30892 43683
Shugart G 24593
Shukin O G 39585
Shukla J P 29823
Shukys J G 966
Shulaeva Z A 21893
Shuletkina K V 12116
Shul'ga Iu D 41656
Shull K H 52447
Shulman A 25780 36989
Shulman A G 22053
Shul'man M S 18238
Shulman S 31414
Shulov A 36548
Shul'tser G P 45217
Shul'tsev G P 41667
Shultz F T 706
Shulutko L I 43398
Shul'zhenko V M 45863
Shumacker H B 12472
Shumacker H B Jr 22008 36314 46506
Shumakov A G 9928
Shumakov F K 55246
Shumakova G V 48014
Shuman C R 20309 24712
Shumova O V 54560
Shumova S V 45850
Shumskii N G 34736
Shumway M H 18793
Shumway N P 4997
Shumway O L 34970
Shurcliff W A 52439
Shure B M 40165
Shurgaia Sh I 18300
Shurygin D Ia 6037 22530
Shushkovskii I I 22538 45212 45694
Shuster L 7224 40555A
Shute E 49491
Shute E V 48503
Shute G T 896
Shute W B 7629 31267 47015
Shutenko T S 54561
Shuttee R D 21856
Shuttleworth E M 41867
Shuttleworth K E 2140
Shuvaeva N I 45111
Shuvatova T F 25913
Shval'b P G 6007
Shvarev I F 39343
Shvareva Z 12144
Shvarts A L 1764
Shvarts L S 33621
Shvartsberg E M 51763
Shvartsberg Ia A 55231
Shvedova A N 20289
Shvets K I 55779
Shvetsova G B 47862
Shvetsova L R 55311
Shwachman H 7402 20258
Shy G M 48131
Shyb M G 55239
Siadat H 11945
Siano R 1834
Sianožęcka E 27610
Siardet J 1017
Sias G 20994 20995
Siatis N 4791
Sibal R N 50611
Šibalić S 39707 39708 39710
Sibalin L E 17523
Sibalin M 25174
Sibilio J P 34902
Sibilly A 10038
Sibinga M S 53008
Sibinga Mulder J 10518
Sibley H 49968
Sibolich M 31023
Siboulet A 31500
Sibour F 42615
Sibthorpe E M 5570
Sicard A 31056 31080 42445 42451 43966 43976 53415
Sicart M 1042 26713
Sice J 1442
Sichel A W 9831
Sichel D 17986 18017 54617
Sicher H 52844
Siciarz W 31542
Sicilia Trespaderne F 345
Siciński A 30773 30838 53192
Sickel W 43577
Sickenga F N 52527
Sicot J R 31118
Siddall A C 7617
Siddall J 28137 46532
Siddiqi M A 19601
Sidel V W 23489
Sideri G C 39523
Siderys H 36314
Sidhu S S 24652
Sidi E 9630 9634 17526 43964
Sidky M 44152
Sidky M M 741
Sidlofsky S 48462
Sidman R L 16955
Sidorchuk T V 55232
Sidorenko L N 55161
Sidorina F I 41512 41685
Sidorova L N 18294
Sidorowicz J 53174
Sidorsky R C 17271
Sidotti 3338
Sidransky H 47089
Sie H G 7126
Siebecker K L 40274 46055
Siebenmann R 33530
Siebens A A 18144 36317
Sieber W K 7869 30134
Siebert G 49330
Siebert M 3218
Siebert U 23039
Sieberts R 51852
Siecke H 12559
Siede W 49683
Siedek H 10999 30989
Siedlecka M 20458
Siedlecki E 33690 43635
Siedler H D 5280
Siefert G 34080
Siefert-Gretchman G 25324
Siegel A 45833
Siegel B B 36340
Siegel B V 3453
Siegel D 25790 43601
Siegel E 30174
Siegel G 34240
Siegel I M 10117 15911
Siegel S 8031 20741 50548
Siegel S M 4910
Siegel V 5371
Siegeler H J 42272 49759
Siegenthaler B M 120
Siegenthaler G 51777 51788
Siegenthaler W 51777 51788
Sieger G M 16706
Siegert A 10018
Siegert R 34521
Siegfried C A 35843
Siegl J 11055 22797
Siegler P 27449
Siegman A W 17188
Siegmund G 11028 27190 39943
Siegmund O H 12728
Siehl D 4552
Sieker H O 7396 10544 42072 48993
Siekert R G 29751 46477
Siekevitz P 1686 1687 16949
Sielicka L 8073
Sielukycki C 30306
Siemens H W 49836
Siemer H 1589
Siener H 11447 11453
Sieniawska M 7818
Sie Pek Gick 48138
Sieracki J C 11755 34953
Sierant E 43653
Siering H 33895
Sierra G 7140
Sierra Rojas O 53975
Siervi M de 8779 53888
Siesa M 34024
Siesto A J 25590 27426
Sievers J 10157 11978
Sievers K 34229 34230
Sievers W 29416
Siewert G 20333 43616
Siffermann A 48417
Siffert R S 48755
Signaeva O L 22558
Signal B S 33317
Signal J J 4370 16507 37581
Signal M V Jr 49169
Signal N N 45204
Signal S 45003
Signal V S 39580
Signalas R 5315
Signalov A B 12174
Sighatulin A Kh 18243
Sigel A 29093
Sigel K 29451
Sigel M M 9575 19630 40110
Sigg E B 8345 13465
Siggaard Andersen M 45511
Siggelkow H 11126
Sigismondi R 35655
Sigler L H 498 24364
Sigmond R M 16238
Signorato U 25639
Signorelli J 17641
Signorelli S 1867 29640 37466 37467 42612 49581
Signoretti A 25580 25581
Signorini L F 1119 36230
Sigstad H 54981
Sigua O A 55306
Siguier F 216 20868 20875 29197 31078 31084 31090 31100 31107 32033 43949 43974 43979
Sigurdsson B 14100
Sigurdsson S 41781
Sigurjonsson J 52742
Sigwalt D 26834 48900
Sih C J 13783
Sim J C 23941
Siirala U 10068 32710 35333
Sijpesteijn A K 29821
Sikka K K 5176
Sikkel A 29999
Sikorska J 31529
Sikorski J 19695
Sikorski J J 13086
Sikorski R 33707
Sikov A B 36350 36394
Silagy J M 7451
Silander T 11876
Silber E N 49984 54790
Silber R H 49262
Silberberg F G 18765
Silberg S J 5939
Silbertasten A 32449
Silberman C J 30237
Silberman D E 50124
Silberman H J 29834 38525
Silberman R 18463 54510
Silbermann E 47244
Silbermann O 36574 48575
Silbert J 82
Silen W 22000 22052
Silfverskiöld B P 24079 24081 45324
Silfverskiöld W 43252
Silhar A S 50612
Silimbani A 30335
Silina E M 7906
Silingardi V 37468
Šilink E 2748 31781 38123
Šilinková-Málková E 48656
Silipranđi N 36804
Siliquini P N 29619
Silk M H 38079
Silliani M 37308
Siller W G 17887
Sillero J 53917
Sillery R J 126
Sillevis Smitt W G 15829 49629
Silliker J H 1306
Silliphant W M 12276
Silobrčić V 7139
Silow R A 52102
Silunen P 49205
Silva A da 20244
Silva A D 9713
Silva A M 30616
Silva D 12893
Silva F G da 53849
Silva J M da 13909

Silva J N da 1570
Silva J R da 15954
Silva L C da 53845
Silva L 36893
Silva L R da 44465
Silva M M da 8823
Silva N da P da 34466
Silva P 4362
Silva R 13891
Silva T F 35698
Silva W da 13596
Silva Cuevas A 13900
Silva-Inzunza E 4531 4824 27712 31877 31878
Silva Mojica C R 21146
Silva Neto J B da 53851
Silveira G 53853 53854 53855
Silvennoinen E 54492
Silver A W 20811
Silver C P 10530
Silver G A 22912
Silver H K 160
Silver J 5773 28190
Silver J M 47237
Silver M J 13386 19627
Silver M L 7848
Silver R T 25925
Silver S 352
Silverberg H 35888
Silverberg W V 12636
Silverio Latour J 21125 21126 31821
Silverman A H 4586
Silverman A J 40368 46378
Silverman D 52584
Silverman F N 4103
Silverman H 12632
Silverman L 46423
Silverman M 28264 43297
Silverman P H 52432
Silverman S I 1479
Silverman W A 30423 43528
Silvero Latour J 8839
Silvers H F 4396
Silvers W K 21669
Silversides J L 2631
Silverstein A 28509
Silverstein A B 11653 20546 44246
Silverstone H 26477
Silverstone S M 35852
Silverthorne M C 34886
Silvestrini B 13436 31718
Silvestrini F 3584 31775 39354
Silvestroni E 53587 53591
Sil'vestrov V P 28821
Silvette H 10840
Sim-Fook L 16973
Šima V 2738
Simandl E 14979
Simard É 18502
Simard L C 38016 45542
Simay-Kramár M 4671
Simbiriakova K I 32896
Sime F J 42194
Šimek K 14827
Simel P J 8428
Simenshtein G N 31194
Simeone F A 13320
Simeoni C M 18647
Simeoni S 30683
Simeonov Ts 16407
Simeray A 2387 6317
Simić M 9953
Simić P 10559
Simić S 32609 50633
Simici P 28678
Similion A 21315
Similaoff P 50337
Siminoff R 17947
Siminovitch L 47949
Simionescu M D 46705
Simionescu N 9246
Simionovici M 1048 36156
Simitch T 1421
Simkin B 15726
Simkin J L 10206 13740
Simkó A 42262 42291
Simko M V 45?e
Šimkova A 22768 22808
Šimková M 21562
Šimkovic J 30770
Simler M 10035 45017
Simmelsgaard H 45528
Simmons B S 5547
Simmons C A 18424
Simmons C S 12673
Simmons D 29926
Simmons D A 14097
Simmons D H 4654 16841 48731
Simmons I H 40327
Simmons J L 940
Simmons N S 17579
Simmons P H 28965
Simmons R L 50464
Simmons R T 722 18733
Simoes e Silva J Jr 14994
Simon 32207
Simon A 32069 38757 49743 54041 54055 54061
Simon C W 42375
Simon D 48854
Simon D E 4566
Simon D J 4547
Simon E 12983 47324
Simon F 17720
Simon H 11277 26169 33533 49375
Simon I 13976 13977 13978 47303
Simon J 16777A 26175 40397 45403
Simon J L 24634
Simon K 10554 19051 19063 30442 42366 42397 53018
Simon L 2153 19352 19354 45346 49948
Simon M 30284
Simon M M 40969
Simon N 35852 37631
Simon S W 19153
Simon W 50909
Simone M 4426 35003
Simonel A 41370
Simonella P 9351
Simonetti E 40991
Simonetti N 52778 54240 54241
Simonin P 28356 32069
Simonin R 51469
Simonnet G L 9330 9339
Simonnet G L 21460
Simonot G 28362 43747
Simonov P V 22616
Simonović B 10969
Šimonović I 25721 7362
Simons C H 43078
Simons J N 10853 22604
Simons R D 39795
Simons S 8531
Simonsen H 24070
Simonsen M 47574
Simonson E 666 16830 23425 47515
Simonton K M 13286
Simonyi G 16274
Simov B 28781
Simovskii-Veitkov R S 55163
Simpson C F 28192
Simpson C L 26403
Simpson D G 25013
Simpson D M 804
Simpson E 52699
Simpson E W Jr 54627
Simpson F J 48461
Simpson G M 7231
Simpson J 41196
Simpson J E 53620
Simpson J Y 37542 48165
Simpson K 28995 53508
Simpson M E 15616 31289 31298 39206 39208 49264 49501
Simpson M V 4762
Simpson R E H 21532
Simpson R L 12704
Simpson R W 50852
Simpson S L 44047 48296
Simpson T 22330
Simpson W 20555
Simpson W F 22091 31421
Simpson W S 19695
Simpson W W 2637
Sims E A 40693
Sims F H 30195
Simu G 34441
Sin-Tschshun T 49019
Sinai A Ia 52956
Sinai I 31054
Sinaiko G A 45252
Sinatra A 9362
Sinatra T J 5917
Sinclair A C 44866
Sinclair C 2547
Sinclair D C 6159
Sinclair H M 6263 14197 20572
Sinclair I J 4162
Sinclair I S 51128
Sinclair J D 10318
Sinclair W K 20956
Sinclair-Smith B C 42115
Sinclaire H A 40120
Sindelar P J 2935
Sindo T 4344
Sindoni A Jr 50144
Sinel'nikov Ia R 13573
Sinel'nikov R D 13563
Sines L K 4914
Singer B 13766
Singer D H 14968
Singer E J 5407
Singer H 15338 55716
Singer J M 4466
Singer M 32357
Singer M T 31546
Singer R 19452 54499
Singer R L 23439
Singer S 42194
Singer S J 13760 13782
Singer T P 1396 13780 37120
Singerman S 16265 27945 40034
Singh A 48302 49996
Singh B N 5090 28001
Singh D 16280 40923
Singh G B 40070
Singh H 2548 23281
Singh, Harcharan 5158
Singh, Harjit 5158
Singh H D 17433
Singh I 40925
Singh K R 10246
Singh M M 233 6201 16328
Singh S A 39175
Singh W 17441
Singh W S 30428
Singha H S K 14210
Singian G F 8004 8008
Singleton E B 54662
Singleton R T 42025
Sinha K 46931
Sinha K P 24329
Sinha R C 3442 3443 27369 49298
Sinha S N 17265
Sinibaldi P 9338
Siniscalco M 7205
Siniscalco M 29826
Sinisi C 7739 7742
Sinisterra L 55289
Sinistrero C 13117
Sinitsyna Z T 36351
Sinkler W H 10102
Sinkulová L 2793 38354 38362
Sinkus R 11420
Sinnecker H 28405 46144
Sinnott E W 13269
Sinnott J C 36246
Sinohara H 22261
Sinsky J E 12672
Sinton D W 46493
Sipahioglu H 22367 45487
Siperstein M D 31317
Sipilä S 36110
Sipilä W 32485
Sipovskii P V 27312 51762
Sippel W H 21516
Sirak H D 51157 52623
Sirály R 10586
Sircus W 51123 51131
Siri W 4699
Sirlin J L 3514 17272 39250 39278
Sirlin L 32451
Sirola J 14661 41907 41912 41915
Sirola I 24817
Sironi G 51655
Sironi P G 13503
Sironval C 1684
Sirota D K 20747
Sirotinin N N 49559

Sirotinin N N 55182
Sirotkina M G 21906
Sirtori C 3752b 38819
Sirsi M 4168 16330 17439 17440
Sirtori C 33374
Sirtori C M 9398
Sirven R H 53349
Sisakian N M 37139
Sison B C Jr 47723
Sissakian N M 35558
Sissman N J 30146
Sisson J C 40313
Sisson R 22019
Sisson T R 8516 12417
Sisteron 42450
Sisteron A 2431 42433 51366
Sisti M A 16533
Sistrom W R 13759
Sitchevska O 47069
Sitek K 55777 55796
Sitges A 53243
Sitkevich V Iu 45223
Sitkowski W Jr 6869
Sitnikova Iu Z 51211
Siu B 18793
Siu-Ping C 43593
Siudmak J J 25054
Siurala M 23972 24816 24848 24863 36112
Sivadon P 36126 36127
Sivasubramaniam P 2091 14115 37607
Sivchev S 32826
Sivers C H 40755
Sivers S G 45849
Siversten L N 75 13431
Sivertseva V N 55759
Sivertsen E 45411
Sivkov I I 10238
Siwińska-Kotschy M 53212 53213 53223
Six E 22593
Sizaire 54032
Sizer I W 40540
Sjodin R A 5104
Sjöberg A 22117
Sjöberg S G 22120 22121 32242 35182
Sjögren H 23834
Sjöhagen A 9775
Sjölin K E 10322 27100
Sjölin S 35350
Sjoerdsma A 5737 23398 28969 40546 50453
Sjöstedt S 15651 23539 24502
Sjösten H 49059
Sjöstrand F S 5909
Sjöstrand J 19524
Sjöstrand T 11979 12053
Sjövall J 1719 16908
Skachilova N N 44023
Skaggs L S 12691
Skaggs R H 54867
Skajaa T 35074
Skakun N P 39323
Skála I 26548 38124
Skalba H 27599
Skalka M 42988
Skalmowski T 30400
Skalová N 43090
Skamenová B 14771 14778
Skanavi E E 34794
Skandalakis J E 29598
Skanse B 11968
Skarlato E S 33472
Skarnes R C 17251 17252
Skarzynski B 19577
Skaug O E 210 26992 35092 35132
Skavronskaia A G 19098
Skawińska Z 20184
Skebel'skaia Iu B 53449
Skeehan R A Jr 47030
Skeggs L T Jr 4997
Skelton F R 10439 48733 53116
Skelton R B 38018
Skerović D 32613
Skerrett P V 34884
Skibbe R 32696
Skielboe B 515 22433 22434
Skierska B 33809
Skillen R G 12757
Skillern P G 8130 40573
Skillman T G 2910 52615
Skinhøj E 25832
Skinner B F 21690 54392
Skinner C E 1297
Skinner C G 1269 45383
Skinner D 12355
Skinner E F 12844
Skinner E P 53277
Skinner E W 40233
Skinner G B 16051
Skinner J L 14317
Skinner M E 14720
Skinner S J 35761
Skipper H E 1254 25413
Skipski V P 38061
Skjaeggestad O 35183
Skládal J 2737 38106
Skliaroff D M 38488
Skliaroff S A 1408
Skliarenko N I 55309
Skliarov Ia P 49538
Skliut I A 10775
Skobba J S 47166
Škoda J 19492
Sköld E 35172
Sköld O 13773
Skoglund C R 12024 35380
Skoglund S 49349
Skokan Z V 14776 23055
Skolaut M W 16254
Skolnick J H 8504
Skolnik E M 1181 15739 41899
Skoog F 48697
Skop V 978
Škopík J 38320
Skořepa J 21557 44870 44871 44872
Skorodumov N N 39594
Škorpil V 26528 38209 48602
Skorunskaia T N 11510
Skoryna S C 54740
Skotnicka B 30812
Skou J C 47954
Skouby A P 35113
Skov O 22394
Škovránek V 30939 38310
Škrabalo Z 18523
Skramlik E von 29491 33930 33932 42351 46121
Skrbková E 2795 38358
Skrentny B A 5271
Skriabina E A 33472
Skrinnik M R 18880
Skripnichenko V G 20197
Skroch E E 11068
Skroznikova A V 55764
Skrynchenko M P 41555
Skubiszewski F 20420
Skuin' E Ia 34776
Skulachev V P 55171
Skulberg A 43176
Škulj V 41930 46284
Skulstad A 45420
Skupenová A 48650
Skupin J 23583
Skurska Z 10245 53209
Skurski A 19706 54387 54388
Škvařil F 2770 38173 38174 38330
Skvirskaia E A 37220
Škvrnová K 38166
Skwierczyńska J 27591
Slabý O 11846 11847 11848
Slack H G 35731
Slack W W 2146
Slade D A 26123
Slade N 18354
Slátis P 32257
Slager U T 4629
Slaib 48727
Slais J 55664
Slama F J 16700
Slama P 54471
Slama R 216 32035 39421 39422 44618
Slameň J 9432
Slanina J 14885 48659
Slap J W 8414
Slater E 41215
Slater E C 1667 1711 35557
Slater J J 12928
Slater O H 6353
Slater P 2126
Slater S 30114
Slater T F 52372
Slatis H M 35692
Slattery R V 54591
Slaughter D P 13324 54770
Slaughter W B 30933
Slaunwhite W R Jr 17021
Slavík K 34479
Slavina N S 48012
Slavković J 6624 9943 32604 51720
Slavutskaia I A 48026
Sławińska D 43646
Slawinski J 31071
Sledge W L 5722
Sleeper R 16246 19995
Sleeth C K 10977
Šlégr L 1439 13356
Sleigh J D 32366
Sleisenger M H 576 33052
Slemon K W 2617
Slepak T A 55342
Slepian A 50955
Slepyan A H 25
Šlesinger M 23654
Slezak H 11010
Slidders W 5666 5667
Ślidziewski K 53151
Slifkin M K 4815
Slighter R G 40266
Slikke L B van der 29954 52533
Slim L 20379
Slimane-Taleb S 48914
Slingerland D W 49252
Slinko V G 22613
Sliosberg 5390
Slipyan A 4457 30184 52670
Śliwińska H 20236
Sliwinski A J 44102
Ślizewicz P 24780 26302 26320
Slizkii I S 55170
Sloan A W 4667 6622
Sloan H 54680
Sloan J 41281
Sloan N 15948
Sloan R F 30661
Sloan W 603
Sloane J A 33075
Sloane N G 16509
Sloane R B 27019
Slobody L B 4494
Slochower H 28039
Slocum H C 26650
Slominski M D 54710
Słomówna-Wałeńko B 30401
Słomska J 30767 53155
Slonim D 2770 2771
Slooff J P 51411
Slooten E A van 47841
Ślopek S 19706 20458 30902 54381
Slot J B 43047
Slot W J B 15795
Slote W H 11674
Slotnick I J 1296
Slottved A 10655 41959 41961
Slough M C 43717
Slouka J 7975
Slouka V 30957
Sloven J 51549
Słowikowski J 20458
Sluga W 36484
Sluga-Gasser E 33866 45954
Sluis A S 43070
Sluiter J T 7332 23701
Slunský R 55738
Ślusarski W 33771 33772 33773
Slusher M A 15590
Slutskina P I 46300
Smagghe G 47761
Šmahel O 14890
Smalbrask H B 30008 35143 52552 52553
Small E 28194
Small L D 16729
Small N 28222
Small S J 18026
Small W D 27808
Small W P 51138
Smalley D E 40004
Smalley H E 16239
Smallman B N 5470
Smallpeice V 6165 41877
Smaltino F 27625
Šmarda J 44925
Smarsz C 30764 30793 30794
Smart D M 23442 47031
Smart G A 14152 28981
Smart J 18406 37544
Smart R A 18053
Smart R H 28156
Smati 44652
Smedal M I 50175
Smeenk D 43061
Smeets W T 51406
Smellie F 46537
Smellie J M 31270
Smellie R M 1679 7244
Smelov N S 45142 55193
Smelovskii A S 22560
Smelovskii S I 18246 54548
Smelser G K 2362 24575 47038
Smeltzer D 53625
Smets R 42916
Smets W 2323 23669 23670
Śmiałowska-Kędziora K 30839 30854
Smialowski A 16936
Šmíd E 28530
Šmíd F 21550
Smith I 11964
Smidt C M 10532

Smidth E M 17254
Smiers C M 7313
Smigel J O 42153 50166
Smigielska A 30721
Smiley J A 14059
Smiley R K 2601 14708
Smiley W K 8285
Smillie W G 48478
Smirenskaia E M 22523 22526 37180 44020 52978
Smirk F H 19499 42097 43720
Smirnoff V N 44193
Smirnov A D 1763
Smirnov A I 11486 48034
Smirnov A V 22543 33212
Smirnov B N 52945
Smirnov G P 33181
Smirnov I M 9872
Smirnov Iu K 34731
Smirnov K V 48032
Smirnov M K 12128
Smirnov N P 31145 37177
Smirnov S M 55787
Smirnov V A 28809 34817
Smirnov V D 11502
Smirnova E I 55795
Smirnova E V 33605
Smirnova G G 34766
Smirnova L I 33286 33287 39345
Smirnova O A 10935
Smirnova T I 1726
Smit A F 22248 54980
Smit F G 5604
Smit W A 7356
Smith A 44978 48322 52434
Smith A B 41070
Smith A C 53504
Smith A D 2251 20476 34976
Smith A E 24679
Smith A G 50995
Smith A H 19452
Smith A J 14270 16505 18455 30151
Smith A K 25423
Smith A L 10258 35831
Smith A N 37652 53529
Smith A R 23342
Smith A T 13284
Smith A W 15946 51135
Smith B 1190 33019
Smith B B 20767
Smith B F 34917
Smith C 2591 12944 41064 46951
Smith C A 12527 24893 24894 39570
Smith C C 12802 47270
Smith C E 41201 50159
Smith C H 2088 2089 2090 30427 31336 37600
Smith C J 38599 50484
Smith C L 33106
Smith C M 2658 8499 11670 16720 17730 40002
Smith C S 7548 19987
Smith C W 20790 50992 53059
Smith D 52757
Smith D B 2546
Smith D D 2581 4680 37989
Smith D E 15672 31303 41204 48548
Swith D J 4414 35870
Smith D R 2063 33121 52696
Smith D T 7497 40828
Smith D W 35917
Smith E B 2094
Smith E E 13767 50109
Smith E K 4506 46999
Smith E L 12494 12495 35801 40496 40497
Smith E T 37941
Smith E W 47511 48375
Smith F 2065 17883 30198 47711
Smith F A 4402
Smith F E 26047
Smith F H 41233
Smith F M 3763 16986
Smith F P 11643
Smith F R 27260
Smith F R 52840
Smith G 9620 14030
Smith G C 14404 18738
Smith G F 163
Smith G H 25874 25875
Smith G K 10145
Smith G M 17118 40385
Smith G R 17112 50480
Smith G S 4794
Smith G V 201
Smith G W 5532 6182 11650 33434
Smith H 5089 19474 25110
Smith H G 20338
Smith H H 13264
Smith H L Jr 40455
Smith H M 4808
Smith H O 54858
Smith H R 12731 40396
Smith H T 16490
Smith H W 5691 23453 31259 40514 44287 48445 51020
Smith I L 41341
Smith I H 8556
Smith I M 45 40398 47603 50479
Smith J 1414
Smith J A 772 1351 16656 19886 24625 32528 34900 39150 41195 43048
Smith J D 3422 40668
Smith J E 7004 19813 50400
Smith J G Jr 11587 50648
Smith J H 10449 15922
Smith J J 12430
Smith J K 18094 46480 52579
Smith J L 16575
Smith J M 28568 31377 37561 41832
Smith J N 1641 7001
Smith J R 2911 17580 28553 40319
Smith J W 11778 16795
Smith J W 47090 54594
Smith K 17347 20058 35746 53613
Smith K M 6269 17299 30378
Smith K V 18726
Smith L 14640 25047 25151 27514
Smith L A 13007 52802
Smith L C 9837 35661 44144
Smith L L 10106
Smith L R 47145 52832
Smith L S 7684
Smith M 5124 5195 5196 50504 51134
Smith M B 40284
Smith M C 5499
Smith M D 26034 26415
Smith M E 11756 17630
Smith M H 20265 43492
Smith M J 17587 40558
Smith M M 925 12789
Smith N 17916 24528
Smith O A Jr 53112
Smith O D 51026
Smith O W 201 779
Smith P 19665 52327
Smith P A 17130
Smith P B 48388
Smith P F 4714 16692
Smith P J 38522
Smith P L 35902
Smith P M 24345
Smith P V 22409
Smith R 5666 36255 11635
Smith R B 575 14173 23572
Smith R D 5106 11782 30186
Smith R F 7135 13723 24761
Smith R H 45815
Smith R O 50256
Smith R P 135 14755 48537
Smith R R 7208 31311
Smith R S 40312
Smith R T 12357
Smith R W Jr 25930
Smith S 55060
Smith S A 50866
Smith S E 24973
Smith S M 6509
Smith T B 46055
Smith T C 40545 44974
Smith T E 27323
Smith T G Jr 7266
Smith T T 55892
Smith V H 8341
Smith W 19863
Smith W E 3376 10311
Smith W G 32340
Smith W H 12729
Smith W N 5585 10434 21846 33072
Smith W O 11613 49646
Smith W P 16393 16981
Smith W S 18116
Smith W W 5423 9425 22011 24979
Smithberg M 13195
Smithburn K C 1090 24694
Smithcors J F 6447 16780
Smithers D W 10249 12677 13305 51329
Smitners S R 25066
Smithwick R H 17668
Smode A F 17256
Smodlaka J 21952
Smogórowa W 30767
Smokler J 50147
Smolenschi-Fotin L 9459
Smolenskii V S 22158
Smolensky G 21242
Smoliak L G 10790
Smol'ianinova I L 22561
Smol'ianinova N S 6000
Smol'iannikov A V 10882
Smolianskii B P 10826
Smolik R 28609
Smolker R E 55346
Smol'nikova N M 39338
Smorchkov A P 7914
Smorodintsev A A 8339 24208 24209
Smull N W 20255
Smyk W 24064
Smyrniotis F E 33070
Smyth C M 14336
Smyth C N 14224 33130 47008
Smyth D H 28638 51088 51103 51104
Smyth E H 40641
Smyth G A 22087
Smyth M J 40618
Smyth R D 47713
Smythe C M 28651 51147
Smythe H A 14402
Smythe P M 18396
Smythies J R 18387 26995
Šnábl P 22971
Snaith A H 1402 1403 1404 36539
Snaith L 7600
Snapper I 1775 12344 29522 29523 51673
Sneath P H 40847
Sneddon E A 29252
Sneeden V D 12419
Snegirev E S 39579
Snell A M 23394 33036
Snell B 8487
Snell E 28220 28263 40520 40521 47700 55288
Snell G D 28524
Snell J A 6449
Snell K C 28531
Snell R S 16784 23547 34415 55618
Snellen H A 13683 52517
Snellman O 32712
Snider W H 23303
Snider M 40719
Snider R S 9613 31588
Śnigurowicz J 20468
Snijder J 12787 43064
Sniper W 54437
Snively W D Jr 40338 44555
Snodgrass M B 2099 2100
Snodgrass T J 58
Snodgrasse R M 49976
Snook R R 50681
Snook T 12927
Snorrason E 3180
Snow H B 2588
Snow J 2034

Snow J 2043
Snow W T 5870
Snowden W M 28
Snydacker D 33027 47031
Snyder A A 55015
Snyder A P 8017
Snyder B R 10046
Snyder C C 8030
Snyder C H 173
Snyder D D 44073 54662
Snyder F 7216
Snyder G B 22038
Snyder H E 17597
Snyder J F 34840
Snyder J M 5544
Snyder J R 20901
Snyder L H 44967
Snyder W S 23327 23336 27797
Snyderman R K 47543
Snyderman S E 46535 46537 46538
Snyman H W 32502
Soardi F 22227 27757 39761 44812
Soares A D 39469
Soares S 51638
Soave O A 50716
Sobański J 28848
Sobczuk B 30888
Sobek J M 40454
Sobek V 1440 26517 38127 38247
Sobel A E 1381 31396
Sobel C 38514
Sobel G W 16549
Sobel H 1355 4996 8644 12507 16979 24375 27583 31381 39265 44105 52377
Sobell S D 12782
Sober H A 49466
Sobéslavský O 28401
Sobhaadri C 40921 50605
Sobiczewski W 29495 29496 29521
Sobieniecki W 30313
Sobis H 29518
Sobkowicz H 30395
Sobolczyński A 30325
Sobolczynski E 1014
Sobolev K G 33238
Sobolev P S 32564
Soboleva A D 25765
Soboleva I M 39337
Soboleva N I 25737
Sobolevskii A I 45642
Soboroff B J 1181 15741
Sobotka H 27479
Sobotka J 30024
Sobotka P 49285
Sobral V 35855
Sobrero A J 30237
Socarides C W 50041 50282
Sochivko L F 10939
Sochocky S 922 24731
Soczek-Michalaska J 20431
Sod L M 50953
Sodd M A 28239
Soddy K 15830
Soder P D 1141
Soderberg C H 22044
Sodi A 9939
Sodi-Pallares D 461 30409 35627 36839 36842
Söderberg U 35443
Söderhjelm L 19949 35345 43192 52740
Söderholm B 48140
Söderström N 10177 11970 38096 45349
Søgaard-Andersen J 10808
Sögnen E 23990
Sögtrop H H 6674
Söhner M 22936
Söhoel T 35335 41087
Soehring K 29026 36948
Soeiro A 12902
Soeiro L N 40221
Soelaiman R S 41977
Söling H D 30553
Soelling W M 24512
Søndergaard E 319 3473 19525 35382 46699
Søndergaard G 22394 32225
Søndergaard H 28067 40185
Sörbo B 25879
Soeren F van 41814
Sørensen A H 22449
Sørensen B 46718
Sörensen E W 11980
Sørensen H R 10532 10643
Sørensen K 22420 35336
Sørensen P H 45532
Soergel B 35565
Soergel W 29435
Soetens 179
Soeur R 26206 35054
Sövényi E 11190 29166
Soffer A 46932
Soffer L J 40674
Sofger L J 16837
Sofonea I 9485
Sogandares-Bernal F 5610 51006
Sögnnaes R F 41227
Soh C T 5602
Sohier R 9046 50788
Sohval A R 49497
Soichet S 35956
Soila P 21997 27302 35454 52731
Soini A 222
Soisson F L 47002
Sokal G 228
Sokal J E 12535 16611 20783 48552
Sokec P 10903
Sokol A S 7884
Sokol H 16706
Sokol K 34185
Sokol S 6889
Sokolianskii G G 34710
Sokolić P 23873
Sokoloff B 539 49807
Sokolov A M 33220 33223
Sokolov E I 22162 32884
Sokolov G A 43380
Sokolov I I 18222
Sokolov Iu N 45139
Sokolov M I 22707
Sokolov N P 21928
Sokolov S D 3573
Sokolov S S 33587
Sokolova A A 23268
Sokolova A F 34694
Sokolova G M 51222
Sokolova M M 12170
Sokolova N F 34632 34634 34635
Sokolova P G 51173
Sokolova T S 7901
Sokolova V G 54553
Sokolova V S 32898
Sokolova-Ponomareva O D 45626
Sokoloverova I M 31155
Sokolovskii V D 41505 53465
Sokolowska-Dekowa A 30396
Sokolowski M 8807 44480
Sokolowski S 38290
Sokolowski T 6983
Sokolski W T 36348
Solá L S 6725
Solan H A 12460
Solandt O M 51558
Solari J J 27211
Solari S 36758 53838
Solarz S D 28166
Solbiati G 3717
Solcher H 19760 27157 39041
Soldaj H 53144
Soldati M 13966 21627 37428 37429 37468 44166 52079
Soldi A 12918 39309
Soldini I 31759
Sole Lienas J 9149
Solecka M 23586
Solente G 26761
Soler Dopff C 44755
Solère M 25468
Solères M 9130
Solerio F 35628 52084
Soles C 40250
Soliani F 3731 39516 36969
Soliano A 25603 25619 36791
Solier M 48855
Solignac H 9194 32415
Soliman F A 52455
Soliman K N 30363
Solis A 6618
Solla E 9407
Soliberger A 35178
Sollmann A H 47685
Solms H 26996
Solms W 33860
Solnit A J 44232
Solnitzky O 37808
Solntsev V I 21029
Solntseva L I 19099
Solo'eva V S 18290
Soloff L A 5582 12306 28560
Solomina E N 45116
Solomkin M 38842
Solomon A K 17327 35792 35793
Solomon B 2188
Solomon C 18153
Solomon D H 15597
Solomon E S 48554
Solomon F 49174
Solomon G 16775
Solomon J 44132
Solomon J B 37052
Solomon J C 12628
Solomon L M 20664
Solomon N 15943
Solomon P 7427 32351
Solomon R B 40935
Solomon S 6584 28244
Solomons B 5718
Solomons E 52828
Solomons M 17846
Solomons N 42086
Solon L R 8519 46368
Solonen K A 24792 27268 27280 36001 47366
Solonovich L G 9866
Solopaeva I M 7788
Solosko A 12584
Solov'ev A A 33604
Solov'ev G M 10752 10788
Solov'ev M M 18883
Solov'ev N N 33164
Solov'ev S V 55841
Solov'ev V V 9893
Solov'eva A P 12173
Solov'eva E A 33260
Solov'eva M V 55863
Solov'eva N K 36354
Solov'eva T A 49791
Solov'eva T G 22521
Solov'eva V A 33507
Solow A 12582
Soloway A H 30144 44960
Solowjowa I P 45798
Sols A 13799
Solsona Conillera J 29347
Soltan H C 41260
Soltan D H 17851
Soltero-Harrington L R 35921
Soltész L 11409 20171
Solti F 20159 29174 29178 34041 41611 55538
Softys A 33789
Soltys M A 14274
Somaglino W 52013
Someroski J F 40548
Somers C J 19718 29930
Somers G F 17952
Somers M 7185
Somersalo O 24891
Somerville A 48479
Somerville W 14241
Someya S 4342
Someya Y 4334
Somi-Kovács T 45468
Sominskii N I 25755
Somkuti J 43435
Somkúti T 24034 35375
Somlo F 14660
Somloi L 22845
Sommelet J 54459
Sommer A W 12286
Sommer A W 12293 35671
Sommer F 32646
Sommer G 28921
Sommer H 49053
Sommer J R 43502
Sommer K H 15379
Sommer R 3791 12433 19084 24620 50848 51886
Sommerfeld W 29439 39074
Sommerfield A 13289
Sommerkamp H 6109
Sommers S C 11759 17013 23460 31362 35698 35879 46906
Sommerville I F 17040 28988
Sommerville R G 37563 41868 48341
Sommer A R 32365
Somogyi E 13091 18590
Somogyi J 34548
Somogyi M 46946 46947 46948
Somogyi S 43448
Somogyi T 27110
Somogyi Z 29162
Somova A G 55802
Somoza C 31398
Sompolinsky D 16402
Soncin E 5758 48220
Sonck C E 19946
Sondheimer E 29827A
Sonenberg M 55292
Sones F M Jr 3370 24354 30411
Sones M 11634 45408
Song K T 54695
Songe R 828
Soni R L 14534
Šonka J 38236
Sonne M 47025
Sonneck H J 22993
Sonninen A 49605
Sonntag H P 27743
Soo V A 12170 46807
Soos 47440
Soos I 36123
Sośs S 30284
Soost H J 18343 23238
Soots G 36625
Sopchak A L 17144
Sopeña Ibáñez A 54991 54992
Soper W 24345
Sopil'niak M G 55333
Soranzo B 36589

# CURRENT LIST of MEDICAL LITERATURE


Sordelli Dauffenback J C 9740
Sordi A 9402 54247
Sorel 41139
Sorel L 37033
Sorel R 41138
Sorensen D K 12753 44134
Sorensen F M 53740
Sores T S 22161 45209
Soria F 30995
Soriani S 32137 32152 37323 37324 54482
Soriano J 39813
Soriano M 54455
Soriano R 43892
Soriano Giménez M 32430
Sorin M S 27225
Sorin Y 5324
Sorinson N S 45650
Sorinson S N 39589
Sorkina D I 45648
Sorkness J 17610
Šorm F 30017
Soroff H S 41451
Sorokin H P 39286
Sorokin Iu I 19109
Sorokin S S 5945
Sorokina E I 36354
Sorokina E Iu 34652
Sorokina E M 45116
Sorrel-Dejerin J 53371
Sorrell A H 50124
Sorrentini R 1539 36832
Sorrentino F 34369
Sorrentino L 54236
Sorribes-Santamaría V 42212
Sorrin S 4408
Sors C 28352 28361 28364 43736 53375
Sorsby A 2102 2103 20579 24973 37709
Sorvina G N 45258
Sós J 35372
Sós J I 33625
Sosenkii B E 54555
Soskin W F 50099
Soskov N 32819
Sosniakov N G 18229
Sośnierz M 7769
Sosnovik G I 45144
Sosonkin Z S 5978
Soss A W 47694
Sossi F 3537
Sossuntzov I 26793
Soszka A 30833 30848
Soszka S 6877
Soszko-Badmajeff A 35150
Sotelo J R 34438 55623
Sotelo-Ortiz F 10077
Sotgiu G 27613 27614
Sotgiu G 29633
Sóti J 24023 41609
Sotirov B 32780
Soto G 43812
Soto R 13901 26491 37256 37263
Soto R J 21778
Soto Melo J 337
Soto Prádera E 8839 21123 21125 21126 21129 31821
Sotolongo Guerra F 13543
Sotomayor A 21198 53964
Sottano T 15491 15519
Sotto L S 7622
Sotton R 14372
Sottong P C 51580
Soubelet 6384
Soubie C 8685
Soubiès L 38638
Soubrie A 8719 31016
Soubrier R 47767
Souchon F 25274
Soucy R 22454
Souder C L 3190
Soueif M I 26084
Soukup V 38359
Soukupová K 44867
Soulairac A 38730
Soulairac M L 38730
Soulas B 39475
Soulayrol R 987
Soule A B Jr 47230 55421
Soule E H 31470
Soule S D 17368
Soulié P 36680
Soulier 42424
Soulier A 29132
Soulier J 417 419 423 425
Soulier J P 10352 11943 20668 20675 22224 50737 53379 53386 53996
Soulsby E J 17104
Soumar J 31781
Soumireu-Mourat J 26227 27726
Soupault R 18629 31984
Sourander P 19689 25172 41206
Sourdille J 13076
Šourek J 14826 38304
Sourkes T L 5467 27019 31888
Sournia J C 15221
Sournia J C 43985
Sous H 1579 39808
Sousa C S de 40230
Sousa H T de 12903 12904 12905
Sousa L do C 40834
Sousa R P de 53852
Soušek O 34479
Šoustek Z 11962 13206
Southam C M 26458 47551
Southern E M 5309
Southwick H W 5358 13324 52657
Souto C B 43482 43485 52992
Soutoul J 6398
Soutter L 12776 13681 46913
Souza E B de 28092
Souza J B de 44450 44451
Souza N G de 8767
Souza R B de 31854
Souza R de P 21089
Souza Santos P 15661
Sova J 31790
Sowa J 2088 2089 2090
Sowden E 37079
Sowden E M 37078
Sowden J C 46785
Sowder W T 53662
Sowinski R 8521
Soyama T 26782
Soyka D 7373
Soyková-Paherová E 26527
Soysal S S 25493 45432
Sozanskii A M 12150
Spa V de 32370
Spaander J 50364
Spackman D H 49465
Spada D 46581 47802
Spadafora A 30992 53324
Spadolini I 20965
Spängler H 6057 46009 48350
Spärck R 1632
Spaet T 11617
Spaet T H 12496 12517 17585 17587 40700
Spaeth E B 23435 24534 33025
Spaeth W S 16679 40339
Spahr J 41934
Špala M 21571
Spalding J F 8535 31607
Spalding J M 18377
Spanar E 31070 34034 46098
Spanedda A 20998
Spangenberg H D Jr 17218
Spann H 42318
Spanò C 9368
Spapen R 11895
Spapen-Fossoul (Mme) 25404
Spar I L 11550 23348
Sparacia A 11827
Sparaco R 28595
Sparano V 19222
Sparatore F 3539
Spargo B 33060
Sparkman R S 643
Sparks A K 51010
Sparks M C 40354
Sparkuhl K 15545
Sparr R A 7599 22068
Sparrow H 26398
Spasov K 28773
Spasov S 28766
Spasskaia P A 45135
Spater H 51918
Spater H W 40591 43162
Spath F 11018 29014 38948 42933 45944
Spatola J 25955 44395 44403
Spatz E L 43141
Spatz H 34602
Spaulding E H 42465
Spaulding M 13751
Spaulding W L 24537
Spaziani E 15619
Speakman J 2631 53539
Spear L B 16533
Spears E M 18030
Specht H 4659
Specht N W 42053
Specht W 27130
Speck J C Jr 35543
Speck L B 40
Specken 30010
Specola I L 15533
Spector R 39153
Spector S 7873 31597
Spector W G 5651 19595 43591
Spector W G 51014
Speden R N 36978
Speer D S 52610
Speer F 1475 4257
Speer F D 708 23468 34951
Speer V C 5548
Speert H 629
Spehr T 49922
Speidel T H 639
Speijer N 49767 52486
Speirs R S 13236
Speiser P 22810 39229
Spek L A van der 35210
Spek P A van der 35083
Spektor F A 32546
Spelbrink H 34187
Spellberg M A 49708
Spena A 19223
Spence A W 51340
Spence D P 16487
Spence K W 21663
Spencer A D 10102
Spencer A G 8486
Spencer B 1649
Spencer C P 44040
Spencer F C 1245 41452
Spencer H N 50371
Spencer J R 47278
Spencer M 7176
Spencer M P 12214
Spencer M S 48446
Spencer R 41078
Spencer R J 39142
Spencer R P 32516 53725
Spencer S J 6161
Spencer W A 47535
Spengler G A 39871
Spengler H 30623
Spengler J 40191
Speranskii G N 7922
Speranskii I I 28802
Speranskii M N 33466
Sperber Z 50107
Sperelakis N 47040
Sperlich D 34309
Sperling E 23188 55729
Sperling F 4622
Sperling G 11764 39570
Sperling H 25820
Sperling R 18947
Sperrazzo G 11724
Sperry R W 68 50941
Sperti L 1524
Sperti S 15677 37427 39226
Spesivtseva V G 32890
Špičák V 14855 38239
Spicer C C 4890 40895
Spiegel E A 19787 23413 27030 55753
Spiegel L A 44240
Spiegelman J 50132
Spiegl C J 23344
Spiel W 33861
Spielberger C D 5027 17148
Spielman A D 50127
Spielmann J P 36140
Spielmann W 23008 49061
Spiers F W 14141 20583 48652
Spies H W 43498
Spies K 55446
Spies T D 40777 49976
Spiess H 18910
Spiessl B 29101
Śpiewankiewicz S 43679
Spiga Clerici A 1526
Spigolon G 27354
Spiker C C 5039
Spilka B 17125
Spilka C J 17874
Spiller D 19680
Spiller V 37738
Spillman R 35867
Spillmann A 22151
Spina D 20213
Spina G 24920 24921 24923 24927 24928
Spina-França A 25770 25773 25774
Spinadel L 38109 48620
Spindler I J 9691
Spindler S 31127
Spinelli D 15724 25643
Spinelli F 42775
Spinelli I F 19227
Spink J H 17869
Spink M S 17907
Spink W W 17401 31437 31438 40256 40696 41048
Špinka J 14878
Spinks A 28607 41289

Spinks A 48243
Spinner M 50384
Spioch F M 30753 43640
Spira E N 48517
Spira H 12778
Spirea S 21744
Spirig P 26480
Spirin A S 19098 37129
Spirin B G 23256
Spirina V P 7931
Spiritus O 452
Spiro D 47082
Spiro H M 19833 38837 46065
Spiro M 26093
Spiro R G 4741
Spiro R K 12302 50822
Spirtes M A 39270
Spitkovskii D M 47979
Spittel J A Jr 31475
Spittler H J 49141
Spitz G C S 35845
Spitz H 3369
Spitz H H 595 8385 46971 50104
Spitz J C 52543
Spitz R A 44244
Spitzbarth H 18338 41756 55537
Spitzer J A 49360
Spitzer J J 12533 49360
Spitzer R 26089
Spitzer R L 41267
Spitzy K H 22748
Spivack G 40729 41361
Spivak Iu N 11501
Spivak L I 34696 46350
Spizizen J 13772
Spjut H J 5890 16984 38071
Splitter S 2510 24391
Spode E 11270 32659 32708 49337
Spodick D H 35626
Spoendlin H 20525 53255
Spoerel W E 47311
Spoerl E 23291 23292 23293
Spoerri T 44198
Spohn K 2871 29016 29110
Spolyar L W 23382
Šponar J 1697 35036
Sponsel K H 6964
Spooner E T 5632
Spoor A 20537 30959
Spoor H J 19980
Spormann W 3300
Sporny B 30695
Sporyasheva L N 20293
Sporzyńska Z 29504
Sposito M 26625
Spotnitz H 24594
Spoulding E H 12365
Spousta A 2771
Spragg S P 13724
Sprague D S 53619
Sprague H B 33046
Sprague J M 13173 28307 53487
Sprague J S 17565
Sprague W E 20107
Spratt J L 17929 17930
Spratt J S Jr 13322
Spray G H 18438 29817 38623
Sprecace G 19877
Sprecher A 19172
Spremolla E 44389
Sprenger F H 55622
Spriestersbach D C 5850
Spriggs A I 7208
Sprigle H 41361
Šprindrich J 30028
Spring M 11639
Spring P 30264
Springall A N 4514
Springborn E 46152
Springer G F 11920
Springer R 1323 34387 47673
Springett V H 2114
Springfield F B 12432
Sprinz H 575
Spritz N 581 12213
Spritzer A A 34865
Sprössig M 25253 46567 55489
Sproule B J 40685
Sprovieri L 29045
Sprumont P 26203
Sprung H B 11181
Sprung H B 22966 29089 34036
Sprunt W H 36313 48723
Spudis V K 18893
Spühler O 54330 54364
Spunda C 33862
Spurck R P 40317
Spure I P 11470
Spurny J 18342 29889 33823
Spurný K 30954
Spurr C L 29373
Spurrell F A 33061
Spurrier W 50724
Spurrier W A 24442
Spuy J C van der 14031
Spužić I 51690
Spužić V 9962
Spy E 35413
Squadrini F 31903
Squire C 667
Squire J J 24516
Squires A H 51566
Squires P C 31562
Šrámek J 30952
Srebnik H H 31298
Sreebny L M 17205
Sreenivasan A 16296
Sréter F A 14625 48467
Sriber A 21751 25472
Sribney M 40483
Srinivasan N G 16298 16299
Srivastava S P 5173
Sroczyński J 30776
Sroka L 27602
Sroufe S A 50192
Sroufe S A Jr 51009
Srša S 38254
Srulijes S 43875
Šrůtek J 30952
Sta-M'Rad A 32204
Staab W J Jr 2941
Staack H H 25226
Stähle I 918 919 22338
Staats A W 50552
Staats C K 50552
Stabler C N 18808 29332 42165 51587 51810
Stabrowski M 20241
Stacey M 10208
Stacey R S 29003
Stach H 55451
Stacher A 55380
Stack J 31333
Stack J K 30933
Stacy B D 29293
Stadelman W J 25162
Stadelmann W 47678
Stadler E 30294
Stadler H E 5732
Stadler J 44709 44716
Stadnicka-Polakowa K 27600
Stadnik J 30702 30703
Staehelin B 8152 35404
Staehelin J E 43825
Staehelin M 1689
Staemmler H J 11430 15979 23228 46287 49287
Staemmler M 27191
Stämpfli R 27837 27848 27852 30567
Stäps R 15405
Stärck G 42385
Staewen C 49119
Staffa A 3716
Staffa A W 25002
Staffeldt E S 47786
Staffieri J J 35969
Stafford A 48229
Stafford E S 13323
Stafford G E 7261
Stafford J L 20710
Stafford J W 40745
Staffurth J S 17968 35135
Stahl B 10618
Stahl D M 5916
Stahl J 21265 54599
Stahl W M Jr 38829
Stahlberger A 20607 43809
Stahlgren L H 849 863 19876
Stalb F 15463 16384 34058 34468 34520 39020 42904
Stalb W 198 27903 41737 49917
Stalkov T 45280
Stalner R Y 13747
Staines E 8925
Stainier C 26200
Stajano C 27878
Stalder K 27891 49902
Staley C J 10085 22027 22092 23483
Stallworth J M 5806 12825 35999
Stalport J 11860 40956
Stam A B 33138 35157
Stam N 29970
Stam-Mielsiner S J 33138
Stamatesco S 28404
Stambaugh J L 5250 17562
Stambaugh R A 50412
Stambolović B 9959
Stamboltsian L P 31207
Stambouli A 48807
Stamler J 4427 12547 12548 15010 16546 16547
Stamm H 16076 36036 39536 39755
Stamm W 39918
Stamm W P 4892
Stammers F A 51125
Stammler A 27172
Stamp W G 54654
Stampbach O 39881
Stampfli F 9539 45389
Stanage W F 54524
Stanbury G R 20588
Stanbury J B 11900 15755 35091
Stanbury W S 14715
Stancer S L 35710 35711
Stăncescu M 43990 44007
Stanchev L 16422 16423
Stancioli J 13624
Stanciu S 31137
Stanco H N 43869
Standaert F G 31373
Standen O D 37699
Standeven A 2205 8110
Standish E M 27055
Standlee E 40328
Standlee L S 5852
Stane J 51692
Stanecki J 29499
Stanescu L 1048
Staneva D 32753
Stanford F D 48775
Stanford J W 4410
Stange H 36064 46082
Stange H H 15986 34584 46080
Stangl J 34586
Stanham J 35456 36676
Stanić Ž 27858
Staníček J 14074 46084
Stanier J E 19673
Stanio B 31525
Stanioe W 33737
Stanisavljevic S 12335 25616 8574 36788
Stanisheva S 36536
Stanishevskaia N N 34760
Stanislavleva E N 43417
Staniszewski K 50264
Stanklewicz W 33750 33759
Stankovic I 14504 21947 41128
Stanković S 9946 29393 51695
Stanley C A 13291
Stanley H R Jr 7681
Stanley P 33411
Stanley W J 30918
Stanley W M 13258 23397 47710
Stanley-Brown E G 22083 23498 25512
Stanley-Jones D 14107
Stannard W A 28006
Stanojev M 30093
Stanojević V 9955 9969 21949 21966 32616
Stanoković I 9947
Stansfeld A G 51031
Stanski F 744
Stanton J B 21729
Stanton M F 50887
Staple E 7179
Staples O S 4519
Staples R 10851
Stapleton G E 20737
Stapleton J 14984
Stapleton J E 14731
Stapleton W J Jr 5393
Stapley E O 25157
Stapp J P 16655
Stapp W F 32217
Star F J 44075
Star K H 4370 16507
Star S A 16653
Stara B 55334
Starbuck G W 20264
Starcheska Y K 26508 26509
Stare F J 24373 24987 29527 55289
Starfelt N 35450
Starichkov M S 55269
Stark D C 12059
Stark E 29181
Stark J C 55135

Stark L 7398 19545 23112 42347
Stark P 5127 11675
Stark R B 2356 30656 47566 55135
Stark S 27546
Starka J 47421 52449
Starke G 15354 23635
Starkey R L 1609
Starkiewicz W 28849
Starkova N I 32544
Starlinger H 40177
Starlinger P 23069 34391
Starnes M B 50286
Starnes W R 40666
Staron T 9170
Staros A 47536
Staroverova A G 55763
Starr A 41169
Starr I 12251 12253 24356
Starr K W 42957
Starr L E 40414
Starr M P 13779 25321 47967
Starr P 37942 50418
Starr T J 31315 45384
Starshov P D 36376
Startsev I V 54569
startsev V G 1742
Starý O 26552 38292
Starsecka B 31538
Starzewski W 27601 39637 39638
Starzl T E 50207
Starzyk J 33699 33702 33744
Starzyńska J 33784
Starzyński S 32179
Stas R J 35147
Stašek V 43090
Stasiak Ł 30848
Stasiakowa Ł 30838
Stasilli N R 49247
Stasinski T 30730 30830 30831
Stasko I 24735 24736
Stasney J 45038 38273
Staszewski W 30716
State D 10137
Staton J 7425
Stattin S 35425
Staub H 23017 27855
Staub M 9547 38788
Staubesand J 33922
Staubitz W J 7461
Staudacher H L 12067
Staudinger H 1683 49910
Staudt V 40861
Staudt V M 17336
Staufenberg E 10358
Stauffer H 38875 43834
Stauffer H M 810 24658 35795
Staun J 45538
Šťáva Z 15269 15270
Stave U 34091 34124 55510
Staveley J M 55349
Stavem P 10365
Staveren C van 52503
Stavinoha W B 43501
Stavitsky A B 28014 28430 37571
Stavney L S 19795
Stavrache I 9480
Stavskaia V V 33472
Stawiński M 30755
Stążka W 21560
Steadman L T 4402
Stearns D B 5928
Stearns G 16650
Stebbins M R 31294
Stecher R M 3393 36298 48781
Stecher W 15355 22923 38899 39385
Stechman A 8782
Steck H 21341
Steckler P P 11671
Steclaci A 6594
Steclaci L 6594
Stedman R L 12479
Steel G C 37727
Steel K J 5761
Steel L F 37951
Steel R 47632 47633
Steele B W Jr 28581
Steele D C 37995
Steele J D 47509
Steele J H 7856
Steele J M 3932 20742 33035 47112
Steele J P 5115
Steele R 29866 47120
Steele R E 8525
Steelman H F 27333
Steelman S L 25434
Steelquist J H 25039
Steen J 4661 54957
Steenberger E 1633 10641
Steenburg R W 10100
Steenebruggen A 36057
Steenken W Jr 925 12709 25005 35910
Steenstrup O R 32219
Steer C M 641
Steer F W 29290
Steere A C 4401
Stefan Y 26879
Stefanach L 37436
Stefanachi L 27002
Stefănescu D 9484
Stefanescu E 41329
Ştefănescu V 43993
Stefănescu-Mîndru C 9467
Stefani H 38984
Stefani S 29571 48991
Stefanics J 11399
Štefánik P 14807
Stefanini F 32059 53246
Stefanini M 11921 11933 12355 31291 31450 50455
Stefanko S 30392
Stefanović R 51720
Stefanović R Č 27681
Stefanovic S 31911
Stefanowa A 1596
Stefanskaia A V 21887
Stefański W 33675 33709
Stefantsov B D 15759
Stefenelli N 19407 21615 22819
Steffan L J 24498
Steffen C 11934 40132
Steffen J 33687 33756
Steffens-Krebs D 34368 55601 55602
Steffensen D 52334
Steffey P 19148
Štefl J 36940
Stefovskii P 6048
Steg A 43986
Stegemann H 49896
Steger C 11412 25552 46579 47814
Steger J 27162
Steger R 27162 39038
Steggles R W 20936
Steglich I 34587
Stegmaier O C 46363
Stegner H E 33542
Stehbens W E 29286 48739 53701
Stehlin (Mme) 27719
Stehman V A 8443 34902
Stehr K 19414
Steidel L 23601
Steiger J 40993
Steiger U 23094
Steiger Trippi K 30622
Steigerwaldt F 38956 42377
Steigleder G K 15272 41738 46647
Steigman A J 5408 7862 31374 44078 54544
Steigmann F 18794 35673
Steim H 52236
Steimlé P 40648
Steimlé R 40648
Stein A 10134 20057 46497
Stein A A 10093
Stein A H Jr 16978
Stein A M 1708 26472 48573
Stein C 15655 51506
Stein E 12492
Stein G N 47221
Stein H 1401 19311 25794 30661 41362 45065
Stein H L 851
Stein I 49778 50120
Stein I F Sr 7405 22733
Stein J 2779 3222 3959 8571 35866 38286 38294
Stein J A 52306
Stein M 19864 20875
Stein M H 44231
Stein O 2060 2682 3960 6673
Stein R J 31285
Stein S 54512
Stein S C 46925
Stein S I 19452
Stein S W 11529
Stein W 11274 30083 46162
Stein W D 35554
Stein W H 40492 49465
Stein Y 2682 16080 37090 50058
Stein Z 17841 17842
Steinbach B 27445
Steinbach H L 22099
Steinbach M 48202
Steinbach R W 32962
Steinbacher E 45401
Steinbeck A W 35095
Steinbereithner K 945 46007
Steinberg A 50429
Steinberg A G 2885
Steinberg A J 42050
Steinberg C M 10857A
Steinberg D 28241 37121
Steinberg F U 49969
Steinberg G J 42050
Steinberg H 52610
Steinberg I 1151 13167 22078 47223
Steinberg I S 2892
Steinberg L A 14968
Steinberg S B 24656
Steinberg S H 42050
Steinberg V L 1205
Steinberg W 49505
Steinbrecher W 3258
Steinbrecht K 34542
Steinbrecker O 29271
Steinbrück P 11113
Steinbuch M 21303
Steinegger E 7954 30598 43581
Steiner D F 11612 37097
Steiner E 49956 55179
Steiner E A 537
Steiner G 9523
Steiner H 30265 38960 47316
Steiner H A 10010
Steiner J 5782
Steiner J W 4586 38012
Steiner P E 1091 7498
Steiner R F 7127
Steiner V 48677
Steinert G 39294
Steinert M 27414 39281 39294
Steineas I 19796
Steinfeld L 14975 47776
Steinfl G 45906
Steingard P M 16685
Steinhäuser K H 22351
Steinhart L 39401
Steinhartová L 20124 38307
Steinhaus J E 40274
Steinhausen T B 28142
Steinhoff D 52213
Steinier J 46557
Steinitz K H 32321
Steinke J 51814
Steinke L 40194
Steinlin H 39885
Steinman A M 42068
Steinman R R 17211 17212
Steinmann H W 23804 55752
Steinmetz W H 45279
Steinworth E 24275 24276 28884
Steinwachs F 34212
Steinwand I 36937
Steiss C F 5214
Steitz K 22983
Stejskal L 38297
Stejskal Z 7966
Stekelenburg L H van 55869
Stekol J A 1270 16919
Stella F 52775
Steller J 38971
Stellet J L 12984
Stelling F H 50800
Stelzner F 29109 49686
Štembera Z K 14810 16362
Stembridge V 23384
Stembridge V M 4704 28202
Stemmer A L 24680
Stemmer K 31300
Stemmermann M G 51885
Stempen H 50347
Stempfel R 3001
Stempień R 43676
Stemsborn U 36456
Stender H S 32631 34000

Stenderup A 18357
Stener B 23696
Stener I 23696
Stengel C 11259
Stengel E 17743
Stengel W F 24331
Stenger E G 36931 36950 39072 39244 49341
Stenger H H 3946
Stengert K 30847
Stengle J 5433
Stenhouse D 17287
Stenlake J B 41309 41310
Stenn F 50638
Stennett R G 2579 40762
Stenram U 3501 11869 35357
Sténson S 35484
Stenström S 54830
Stenvers H W 49630
Štepán J 2794 38354 38355
Stepan K M 46197
Stepánek V 48655
Stepanenko B N 37137
Stepanian Tarakanova A M 31152 33467
Stepanik J 20125 24271 43356 46840 46841
Stepanishcheva Z G 36382
Stepankina M K 49541
Stepanov A S 22611
Stepanov B N 1767
Stepanov E A 41502
Stepanov F K 10893
Stepanov G P 55815
Stepanov V M 36394
Stepanov V S 54572
Stepanova G I 43551
Stepanova M M 33567
Stepanova M N 5990
Stepanskii G A 45879
Steperov I A 23657
Stephan D G 468
Stephan E 31954 44695
Stephan F 26700
Stephan H 29020
Stephan H J 35260
Stéphan-Dubois F 15145 26701
Stephany H 23142
Stephen C R 12965 24757 24764 47330 51574 54538
Stephen J D 14692
Stephen L E 47605 47606
Stephen R A 1206
Stephen S A 2144
Stephens C A 54701
Stephens F E 11631 14749
Stephens F G 5869
Stephens G L 25055
Stephens J 48136
Stephens J C 18120
Stephens L D 23342
Stephens K F 18042
Stephens S G 6117
Stephens V C 13335
Stephenson B J 19552
Stephenson C R 35924
Stephenson K L 5210
Stephenson M L 1714 16923
Stephenson O 28611 51084
Stephenson R P 48241
Stephenson S E Jr 5873 34971 47253
Stępowski B 39639
Stepp W 18999 52235 52248
Štěrba O 9430
Šterc J 38189
Steriade M 5516 9139 25977
Sterkowicz S 43655
Sterling K 4866
Sterling M 12616
Sterling W R 41183
Stern A 32278 44205
Stern A M 7115 52281
Stern B 25422
Stern C 3484 21702
Stern C A 32511
Stern E M 19288
Stern G 30427 32195
Stern G G 17689
Stern H 9568
Stern J 17759 40389
Stern J A 44254 53613
Stern J R 4775
Stern K 219 55348
Stern L 2761
Stern O 535
Stern P 4266 12182 13468 36619 39261 46046 46637 51689
Stern S 450 35823 36606 39784 46980
Stern T N 562
Stern W 46010 48350
Sternbeck D 23218
Sternberg J 15033 25857 48523
Sternberg M J 35685
Sterne J 6377 18620 20800 32946
Sterner J H 12227
Sterner R 9772 32481
Sternieri E 48064
Sternini M 3883
Sterz H 6661 55390
Šterzl J 54386
Stescobich D 20634
Stesney J A 51924
Stetler C J 3669
Stetson C A Jr 40809 47556
Stetson J B 47336
Stetsula V I 22670
Stetten D Jr 46945 53066
Steuart G W 2172
Steurmon S 43782
Steussy C N 17292
Stevanović D 21941
Stevanovic D V 11580 23369
Stevanović M V 29393
Steve-Boccia-relli D 53821
Steven F S 13719
Steven I 24734
Steven R J 47313
Stevens A 54034
Stevens B M 7201
Stevens C D 31300
Stevens D A 555
Stevens D F 28271
Stevens G D 592
Stevens H 7393 24978 33863 50818
Stevens J 40637
Stevens J C 5058
Stevens J D 46448
Stevens K N 28659
Stevens M A 40513 40514
Stevens M F 2056 14096
Stevens M R 27544
Stevens P R 48214
Stevens R D 16160 27928
Stevens S S 17262
Stevens T E 17582
Stevenson A C 20582
Stevenson C S 30932 38589 49503
Stevenson D L 14207
Stevenson E H 4428
Stevenson G 42978
Stevenson G S 38826
Stevenson H W 2838 5024 5050 50502 50503
Stevenson I 15917
Stevenson J 9622
Stevenson J J 6563 20548
Stevenson J W 37977
Stevenson L B 39936
Stevenson M D 19650
Stevenson R B 50980
Stevenson R E 10852
Stevenson R S 43725 31599
Stevenson T D 52634
Stevenson T T 34862
Stevenson W J 18742
Stevick C P 49776
Steward E E 50340
Steward F C 19541 29827A 29828
Stewart B D 50314
Stewart B L 6770
Stewart C J 44130
Stewart C P 7279 51134
Stewart D 18699
Stewart D L 7238
Stewart E C 2838
Stewart G A 41290 41321
Stewart G G 7683 20144 28993
Stewart H C 42974
Steward H D 11085
Stewart H L 24171 28531
Stewart I 879 47847
Stewart J 37597
Stewart J C 46848
Stewart J D 1240
Stewart J S 19642
Stewart K G 6516
Stewart K M Jr 11799
Stewart L C 44070
Stewart L H 4907
Stewart M A 20371
Stewart N G 14415 40143
Stewart R B 17471
Stewart S E 10872 20773 31378 50887
Stewart S M 10533
Stewart T F 48341
Stewart W K 53490
Steyn D G 21816
Steyn H S 17307
Steyn-Parvé E P 16904 16905
Steytler J C 9805
Stich W 21636 41755
Sticherling W 27893
Stichnoth E 49116
Stickl H 34100 34117
Stickl H 41750
Stickler G B 5728 20254
Stiefel G E 16385
Stiefel M 17023
Stieglitz E J 6427
Stier M T 36453
Stieve F E 39374
Stieve H 11278
Stieve R 23172
Stiffel C 14099 21262 26915 32684 38722 41331
Stiffey A V 40452
Stiggelbout W 2211
Stiksa J 38359
Stiles F C 28602 46054
Stille W T 30120
Stiller H 6693 29083
Stiller R 27970
Stillman J S 19866 30138
Stilson D W 17146 40706
Stimpert F D 45076
Stinaff R K 50146
Stine G T 93
Stinebring W R 12805
Stingelin A 27700
Stipaničev Š 35065
Stirba A 55873
Stirling A C 5091
Stirling G A 14228
Stirling G R 46855
Stirman J A 48728
Stirn A 39953
Stitham L J 41090
Stitt J F 14156
Stitt P G 19839
Stjärne L 29871
Stjarne L 31419
Stjernholm R 25408
Stobbe H 2733 27443 46118
Stock C C 2705 2706 2707 52397
Stock D 8395
Stockburger J C 4932
Stockdale C R 20146 53290
Stockdale P M 52335
Stocken L A 52338
Stocker A H 28993
Stocker F W 24574
Stockert F G von 27001 33864
Stockhausen J 39399
Stockinger L 11280
Stocks P 37730 40135
Stockwell F E 5051
Stoclet J C 15073
Stoddard A 20356
Stoddard H M 46963
Stoeckel W 46218
Stoeckenius W 15625
Stöcker E 11317
Stöcker E M 34072
Stoeckert I 13650
Stoeckle J D 20150 46398
Stöckli A 54338
Stökly A 43835
Stoelting V K 4497
Stoenner H G 44853
Stoepel K 1603
Støren E J 12543
Stören H 46666
Stoerk P 11136
Stoermer J 19309 38961
Stöss B 23154
Stössel H G 39386 39419
Stössel H U 54356
Stoesser A V 1124
Stoffel W 31359 51337
Stoffregen J 12892
Stohlman E F 55010
Stohlman J W 38609
Stoia I 21414 23093 31136
Stoianov D 28711
Stoianov I 28730 28736
Stoianov K 28744 41565
Stoianov P K 32824
Stoica G 43994
Stoicescu V 53094
Stoicheva-Boikovska Iu 28707
Stoichiti M 31122
Stoichija S 6594
Stoila I 45128
Stoikovic J P 50171
Stoitchev Y 54062
Stojadinović M 25720
Stojadinović S 25720
Stojałowska W 33689 33737
Stojanov I 30295
Stojanović V K 42509 54620
Stojiljković S 21952 32610
Stojimirovic B 38773

Stojimirović I 21963
Stojmirović E 32615
Stojšić M 51702
Stoker M G 2242 17299 17300 42979
Stokes A B 15831
Stokes J F 43154 53275
Stokes J H 32537
Stokes J J 28493
Stokes J L 16881
Stokes J M 17578
Stokes J W 19291
Stoklaska E 29916
Stokstead P 51349
Stoksted P 35334
Stokvis B 55571
Stol J 34552
Stolk A 3448 3449 19681 19703
Stoliar F la 51763
Stoliarov G V 46329
Stoll A M 4691
Stoll B 1200
Stoll B A 51545
Stoll C 39256 47405
Stoll H C 22043
Stoll H L 40290
Stoll J 7848
Stoll K 29777
Stoll P 24134
Stoll R 3083 26771 50692
Stolle H 18916
Stoller R J 41170 50193
Stollerman G H 4263 5010
Stoloff L 35549
Stolowsky H J 46073
Stolowsky R B 22811 28894
Stoltz H 12895
Stoltz M H 12894
Stolz I 2730
Stolze E 33143
Stolze T 15355
Stolzenbach F E 21678
Stolzová-Sutorisová M 28424
Stoma M F 15766
Stone A H 14186
Stone B 51347
Stone B A 19485
Stone C A 36596
Stone C M Jr 49716
Stone F H 41846
Stone H 41
Stone H B 39922
Stone H F H 51327
Stone H H 34916
Stone H J 1295
Stone J C 26656
Stone J W 24648
Stone L S 12939
Stone M L 637 3775 7636 35767 41047 47244
Stone M M 45096
Stone N D 46983
Stone R S 2690 38274 53745
Stone S H 21708 31393
Stone W G 23337
Stone W H 11940
Stoneman M E 2234
Stoner C 15927
Stoner H B 37569
Stoner W 19979
Stones P B 37682
Stonesifer F A 15258
Stookey G K 31313
Stoop J 3098
Stoopack J C 7675 20140
Stoppa I 19239 31657
Stoppa R 409 24242 24257
Stoppani A O 8978 8983 8987 25869
Stoppani L 51982
Stora C 27706 27720
Storaasli J P 4858 40701
Storby Å 10169
Storck H 4047
Storck J 10968
Storck L 54599
Storey E 2055 4803 5651
Storey G 14033
Storey P B 42080
Storino H E 29751
Storm O 10639 25845 32248 52713
Storm van Leeuwen W 29965 49631
Stormann H 30497 33985
Stormont C 10498 17402
Stormont J M 43129 43130
Storms L H 17737 37581
Storniello G 24919 24921 24927 24928 24929
Storozhev I A 39339
Storsteen K A 6967
Storti E 230 35188
Storts B P 43525
Story S R 11741
Storz B 3941
Stotler W A 5510
Stott M B 18814
Stotz E 4744 4779 4780 13792 13836 47945 47961
Stoudt H W Jr 719
Stoufer R M 17934
Stough D B 17675 20516
Stough W V 7634
Stoupel N 260 35241
Stourzh H 11285
Stout R E 43146
Stovall W D 4476
Stover B J 31347
Stovin J S 43166
Stovin P G 48186
Stovin S 17399
Stovner J 23535 23989 24008
Stow R W 1480
Stowell A 47207
Stowell R E 24190 24205
Straaten A van 49761
Straaten G van 36684
Straaten T 23196
Straatsma B R 55013
Straatsma C R 20381
Straburzyński G 24058
Strack E 23636 33993 49921 55464
Strack H H 18940
Strackee J 27335 30652
Stracker O 34299
Stradford H T 22479
Stradling P 26125
Stradyn' P I 6044
Strässle B 46147
Strbuli P 21605 30271
Straffon Osorno A E 8964
Strahberger E 22204
Strahl U 11129
Straight B C 3026 3028
Straight W M 40830
Strain A K 35908
Strain R E 915
Strainer M 22310
Strait R 5814
Strajman E 44421
Straker M 2635
Stralau 43314
Strampelli B 14488
Strand S O 11720
Strandberg B 10598 18583 22437
Strandell T 35177
Strandh J 11898
Strandqvist M 2138
Strang J M 10416 12303
Strang V G 2712 8535
Stransky E 45952
Strasel H C 50508
Strassburger I 23592
Strasser A 46019
Strasser E 51798
Strasser E S 54670
Strasser T 47689
Strassmann G 3264 6705
Stratakis K 33981
Stratev I 10022 45295
Stratford B C 50399
Stratton V C 23481
Straub F B 10207
Straub R W 51031
Straub W 8149
Strauch D 12069 13651 34000 34056
Straughan D W 41297
Straumfjord J V 52762
Straumfjord J V Jr 38555
Straus B 19881
Straus M 19881
Straus W 16947
Strausak A 26480
Strauss A 34999 53847
Strauss A A 47237
Strauss B S 19568
Strauss E 11124
Strauss E W 31355
Strauss F H 35402
Strauss G 11446
Strauss J S 29262 52652
Strauss L 27542 46515
Strauss M 9653
Strauss M B 5258 11613 50131
Strauss N 50529
Strauss R 13088
Strauss R R 16890
Strauss S F 47237
Strauss W 11329
Strauszer T 53966
Strauzenberg S E 29797
Strayer L M Jr 16970
Strean G J 20084 26419
Strean L P 5211 30657
Strebel L 39904
Strecker H J 8343
Street H E 29830
Street H V 15021 38511
Street R B Jr 13682
Strehler E 4030 39944
Streicher E 40876
Streicher H J 29090
Streiff E B 14509
Streiff F 8251 9103 31908 53414 54042 54048 54055 54060 54061
Streiff G 31668
Streiker F B 16753
Streil W 15056
Streisinger G 10870
Streissle G 55499
Streitfeld M M 16532
Streitmann B 11231 18316
Střejchýr V 38327 38328
Streli R 12711 25361 29114 38427 41706 55395
Strelkova N I 34732
Strel'nikov N A 39344
Strel'tsova V N 51755
Strem E L 1124
Strempel R 24914 49005
Strenge K 25187
Streuli F 21643 39879
Střibrná J 26553
Stricker E 54327
Strickland A C 26380
Strickland C E 41450
Strickland G 138
Strickler J H 6965 23476
Stride R D 50750
Strieder J W 19819
Strien P J van 52542
Striganova A R 25754
Strigini P 25580 25581 25583
Stringa S G 8683
Strinović B 22356 23683
Stripp W J 31610
Strisower B 16363 40675 50421
Strisower E H 16363 40675
Střítecký J 38356
Strittmatter P 4781
Stritzko O 45999
Strmiska J 35040
Strnad F 42302 49085
Strobel E 34028 52242
Strobl J 11023 11037
Stroboe R R 39152
Stroczyńska M 33678
Strode J E 54658
Stroebel C F 52140
Ströder J 13085 13089 13090 19400 19416 10429 34120
Strøm A 10374 54977 54986
Ström G 10178 11979 12053 29225 29226 29227 35268 44891
Ström J 32845
Ström L 35349 45323
Ström-Olsen R 17735
Strömblad B C 14119 17979
Strömgren E 24075
Strogonov B P 33159
Stroh J E 36241
Strohal K 23684
Strohal R 49878
Strohl A 26803
Strohl E L 12828 20686
Strohmenger P 25241
Stroikov Iu N 33180
Stroink 52549

Strońska-Kusiowa B 30082
Strojewski M 30262
Strojewski-Guex M 54128
Strollo M 9385 19207
Strom R 24447
Stromberg C E 46965
Stromberg W B Jr 32721 40604
Strominger J L 47963
Stromme W B 52133 52838
Strong E K 25038
Strong J A 51132
Strong J P 25756 28481 28953
Strong L C 13243 13244 13245 17363
Strong L M 5537
Strong M S 23460
Strong P N Jr 40720
Strosselli E 21626 34428 53994
Strother W F 36266
Strotzka H 33865
Stroud W D 18650
Strough L C 16656 24625
Stroup C K 5391
Strouzer P 29369
Strube R E 40387
Strubel H 35427
Struchkov V I 5941 21870 41528
Struck G 19761 19762 27172
Strudel N 48865
Strümpel P 19763
Strug L H 36312 54659
Strukelj L S 44329 53762
Strukov A I 36888 41509 45126 45798
Strum A 46651
Strumia M M 17057 21696 50710
Strumia P V 21696
Strumwasser F 47099 47100 47101
Strumza M 51486
Strungaru G 11517
Strupp H H 17159
Struppler 36473
Struppler A 3620 38991
Struppler V 34526
Strutsovskaia A L 55337
Struwe F E 3233 25898
Strýček R 14851
Stryker H 36340
Stryszak A 31522 31523
Strzelecka M 30406
Stuart A E 41813
Stuart C 35195
Stuart D 43244
Stuart J E 50653
Stuart J J 40198
Stuart J R 12290
Stuart P 12964 37538
Stuart-Harris C H 6158 14292
Stubbé L T 14247
Stubber L A 18769
Stubbins S G 50203
Stubbs D 4686
Stubbs E L 41187
Stubbs R 44106
Stubbs T H 17667
Stuber H W 39903
Stucchi C 27026
Stuchlik J 256 14864 30089 39373
Stuchlik Z 23214
Stuchlíková E 48584
Stucki J C 31449
Stucki P 13353
Studer A 21656 32314 33986 36573 49342 54331
Studer V 13403
Studitskii A N 3403
Studnicka K 16044
Studzinskaia E A 9892
Stüben M 23226
Stühler R 55556
Stuelke R G 49249
Stürup G K 30218
Stürzbecher M 3306 19065 53104
Stützer H 38992
Stuhl L 31102
Stuhlfauth K 18967 33999 41751
Stula E F 28180
Stulberg C S 25926 28455
Stumm C 34396
Stumpe A R 4702
Stumpf C 30572 43005 43016
Stunkard A 20872 34879
Stupenengo R H 9689
Stupfel M 15097
Stupnitskii A A 51213
Stuppia V 1115
Stur D 46259
Stur O 22801 30046 30062
Sturdy D E 37660
Sturdza N 46271
Sturgeon L W 14634
Sturgeon P 12471
Sturgis S H 12426 40670 43294 49500
Sturm A 34033 42369
Sturm H M 36236
Sturmer F C Jr 7419
Sturtevant F M 12498 36245 41038 47730 49272
Sturtevant J M 13826
Sturza M 31128
Stuteville O H 24678
Stuteville P 16631 25976
Stutte H 52171
Stutz E 35562
Stutz L 23159 23168 34475
Stuy J H 40457
Styczyńska-Jurewicz E 33763 33770 33779
Styk B 24214
Stypulkowski W 26470
Su C S 54661
Suárez D 8946
Suarez I D 1834
Suárez L D 8156
Suarez-Murias E L 42030
Suárez Peregrín E 41776
Suárez Puerto A M 18858
Suárez Torres G 31865
Suasuna I R 8778
Subbaiah T V 10528
Subbota A G 37205
Subbotin M Ia 12161
Šubert M 14824
Subhadra Devi N 16322
Subirana A 25982
Subotnik L 46986
Subotskii V E 45599
Subrahmanyan V 2082 4215 4219 37586 37594
Subramanian A R 5177
Subramaniam H 16279 16284
Subramanian T A 16286
Šubrt F 38239
Suby H I 55042
Suc J M 9008 54469
Sucari L 43920
Suchankowa A 7823
Suchanová M 38135
Suchezky A 55533
Suchianu G 43991 43994
Suchkov A V 10232
Suchkov V V 52955
Suchowsky G 11899
Suckert R 23098
Suckow K L 22968 54319
Sudaka J 9068 31994 44672
Suddaby J R 2553
Südhof H 1595 27195
Südi J 23764
Suenaga A 6509
Sueper R H 52464
Suermondt W F 29935
Suess H E 36332
Suess J F 47184
Süsse H J 3613 55596
Süsse U 3613
Suessenguth H 22143
Suffern W S 48261
Sugar H S 35774
Sugár J 3213 15292 34016 36433
Sugar S J 6426
Sugasawa S 14906
Sugawara G 22255
Sugawara K 10392
Sugaya E 38664 38678
Sugihara H 12195
Sugihara R 26466 34408
Sugimoto H 20690 41486
Sugimoto N 14924
Sugimoto S 5490
Sugimura S 49700
Sugioka K 937
Sugioka M 34408
Sugiura K 2707 2708 29818
Sugiura M M 2708
Suhada A 41968
Suhanyeczky A 29177
Suharto R 41969
Suhrland L G 12305
Suidan F G 47272
Suie T 50192
Suire A 54131
Suire P 42423 51371
Suitor E C Jr 50339
Sujbert L 25228
Sujudi 41968
Sukhareva M E 53041
Sukhenko F T 1720
Sukhinin P L 45179
Suknodol'skaia A E 31181
Sukhodol'skaia T I 45870
Sukhomlinov B F 10930
Sukhoruchko A K 46821
Sukhorukova L N 55240
Sukiasian G V 6003
Sukiasian Kh 32703
Sukmanskii O I 52983
Sukono 10514
Sukuma T 23398
Sukumaran P K 2248
Šula L 34336
Sulaiman M 24790 24792 52710
Šulc M 2749
Sulgostowska T 33788
Suliński L 20451
Sulis E 21005 27762 53791
Sulitzeanu D 2054 19563
Sulkin S E 12759 28016 45375
Sulkowitch H 51317
Sullenberger J W 4518
Sulli G 26629 26630 48754
Sullivan A W 8104 8106
Sullivan B A 6748
Sullivan B H Jr 575
Sullivan B H Jr 10685
Sullivan C M 40335
Sullivan C R 11797 16980 21840
Sullivan C T 95
Sullivan D J 12740 40410
Sullivan E 7215
Sullivan H E 11641
Sullivan J A 1190
Sullivan J F 1145 39555
Sullivan J J Jr 18136 47250
Sullivan J T Jr 11074 27956
Sullivan L P 12328 28637 31390 35790 35791 51070
Sullivan M 23372
Sullivan M F 11535
Sullivan R E 46522
Sullivan W 23355
Sullivan W E 51555
Sullivan W T 5537
Sulman F G 36579
Šulová J 34336
Sulsenti G 30347
Sulser F 3465 27842
Sulser H 29784 42832
Sulyva-Saď s J 30297
Sulzbacher F 46234 46279
Sulzberger M B 20512 38874 39803 49839 50195
Sum I 3964
Sumanam S D 16284
Sumanovac Z 6295 50383
Sumarokov A V 9854
Šumbera J 14050
Šumenković N 51723
Sumerwell H C 17192
Sumi T 28556
Sumiya C 54410
Summa C 44763
Summers S S 28333
Summers T B 11642 43699
Summerskill J 21983
Summerskill W H 6146 18457 18458 26108 37678 51338
Sumner J 50672
Sumner W A 33105
Sumovskaia A E 46810
Sumyk J 10017
Sun C C 16457
Sun D C 24992 49721

Sun H H 38371
Sun K Y 2866
Sun S 22375
Sunar O 45437
Sunarić J 51694
Sund H 6094
Sundaram K 24140
Sundaram T K 13722
Sundararajan T A 1706
Sundararajan T A 31464
Sundararajan T A 49290
Sundararaman S 16285
Sundaresan P R 16901
Sundberg K 22123
Sundberg M 24848
Sunde M L 5552
Sundell B 24798
Sundell G 29853
Sunderland W F 48501
Sunderman F W 23379
34864
Sundermann A 42915
Sundgren N 29228
Sundman V 40840
Sundnes G 39276
Sung C 38414
Sung T Y 22514
Sunshine I 4512
Suntych F 38355
Sunzel H 11885
Suomalainen H 8495
49894
Suomalainen P 42954
Supek Z 29913
Supniewska H 30891
Supniewski J 30891
Suponitskaia F M 20204
Supperer R 34308
46231
Supplee W C 31316
Supramaniam J M 10531
Surányi S 33952
51422
55459
55690
Surawicz B 27825
Surber G P 51908
Surbied A 26218
Sureau C 9036
44639
Sureau P 13033
47398
Surello G S 18209
Surgalla M J 16875
17480
Surgenor D M 4500
Suriani U 30350
Suriani U 52940
Surianu P 11143
55471
Surikova E I 36391
Surján L 3648
27742
Surmann T 27530
Surmely 42009
Surmont J 1459
20682
43982
45011
Surmont M 13132
Surmonte J A 15546
Surpina M A 18265
Surraco L A 35526
Surtees G 19537
52458
Surtshin A 12508
Suryanarayana Murthy P 16330
Suschny O 32600
Susekov M S 18267
Sushchevskaia-Dmitrevskaia K K 55195
Susini S 52056
Suskiewenski 51377
Suslov I M 51730
Susman E 42134
51541
Susman I A 10514
Suson E 7986
Suss Iu I 18240
Susser M 17841
17842
Susset J G 38032
Susset V 10656
33421
Sussman L 52671
Sussman L N 7463
43164
Sussman M 5095
Suter C 39163
Suter E 31334
35908
Suter E H 35951
Suter F 21603
Suter H 29775
Suter L S 47619
Sutherland A B 51129
Sutherland A M 2507
24196
50428
Sutherland E W 16910
Sutherland N S 4934
Sutherland V L 48286
Sutidze V V 12131
Sutin G 30113
Sutin I A 34650
Sutin M I 10766
Sutliff W D 10541
42078
Sutnick A I 17466
Sutow W W 166
Sutter J 13830
Sutter J M 24289 32004 32005 32007 32008 53021
Sutter M D 12746
Suttie J W 5545
Sutton D 18420
Sutton D A 52387
Sutton D C 46880
Sutton G C 50721
Sutton H 21704
Sutton H Jr 40811
Sutton J 7021
Sutton M D 2564
Sutton R L Jr 34850
Sutton W K 26146
Sutzesco P 24879
Suvorov B D 41552
Suvorov P M 37172
Suvorov V A 45154
Suvorova G V 37185
Suvorova N M 12151
Suvorova T A 18253
Suwanik R 47219
Suzdal'skaia I P 49548
Suzuki A 10859
Suzuki H 50072
Suzuki H K 39193
Suzuki I 1384
Suzuki K 22262
Suzuki M 2831
16804
Suzuki N 29809
Suzuki R 12520
Suzuki S 4334
40202
Suzuki T 10392
20529
31683
Suzuki Y 3438
10498
17402
Suzzi Valli E 54244
Švíb J 9447
Švíb V 48662
48663
Svärd P O 29869
Svaetichin G 680
15693
Svanborg N 10182
45320
45321
Švancara J 14870
Svane S 45412
52722
Svane-Knudsen P 22414
Svannborg A 15017
Svartz N 4734
35209
35226
Svartz-Malmberg G 23977
Svatek R 38135
Svatoš A 38250
Švec F 30021
30022
Svechnikova V V 33337
Sved S 8342
Svedberg T 35484
Svedmyr A 285
25173
Švejcar J 26563 38110 38326 38331 55651
Švejda J 11353 11360 17879 30022 33957
Svennerholm L 13802
15017
Svennerud S 35266
Svěrák J 14828
14831
Sverdlov D G 22570
Sverdlov V S 33267
Sverdrup E 10370
Švestka B 38358
Svet-Moldavskaya I A 46776
Svet-Moldavskii G Ia 33573
55326
Svet-Moldavsky G J 29874
50593
Svetikova K M 33315
Svetlakov M I 10769
55251
Svetlov P G 45629
Svetlova A K 53040
Svetovidova V M 45696
Sviatkina K A 43555
Svigris A Iu 12149
Svihla G 28522
Svinkina N V 36408
Svirchevskaia V V 31153
Sviridov A A 45222
Sviridova E I 21882
Svirskaia S I 36370
Svoboda F 48604
Svoboda G H 16732
Svoboda M 2746 9446 14886 14887 41366 46128 48660
Svoboda V 43097
Svorad D 38193
48621
48622
Svord D 49333
Swaay H van 11290
Swader J 11610
Swahn B 23942
Swain C R 50630
Swain R H 17908
Swallow D L 25859
25860
Swaminathan M 2082 4215 4219 37586 37594
Swaminathan M S 7257
Swan H 8128 18118 23484 40297 41456 41754 44849 51159
Swan H J 24352 47329 51156 54682 54916
Swan K 51073
Swan K C 34919
Swann M M 26464
Swann R O 17539
Swanson A G 65
19795
Swanson A M 19520
Swanson E E 16716
51071
Swanson E W 16777
Swanson H E 4841
Swanson J N 14630
14684
Swanson L E 12727
Swanson L T 24685
Swanson P D 37814
Swanson P P 17820
Swanson R L 47575
Swanson V L 315
Swanston C 55055
Swanton C 18747
Swarm R L 8031
51298
Swart B 2873
Swarts W B 38832
Swartwout J R 26383
Swartz B 29221
Swartz C J 4561
Swartz H A 16696
Swartz J D 50503
Swartz M L 17203
17204
17207
Swartz W T 50690
Swartzwelder J C 22176
Swarup H 4981
Swayne P 40773
Sweany H C 3366
Swecker E E 1279
Swedin B 35458
Sweebe E C 46467
Sweeney F J Jr 47585
Sweeney H J 40611
Sweeney J S 5018
Sweeney P J 20485
Sweeney W J 2991
Sweeney W M 47616
Sweeney W T 4403
Sweet A Y 5409
Sweet D 28268
28269
Sweet H C 7000
Sweet J G II 7684
Sweet R B 28141
Sweet R H 5888
Sweetapple W E 12873
Sweetland A 17340
Sweetman W R 47601
Sweetnam R 6149
40629
Sweetser T H Jr 52142
Swegan W 8508
Swellengrebel N H 10512
33135
43052
Swendseid M E 25429
51921
Swenson J A 17610
Swenson R E 49646
Swensson Å 10161
10179
46610
Swerdlow H 7681
Swerdlow M 2040
11572
35765
37536
Swettenham K V 5619
Swiatecki L 6877
20189
Świca S 53136
53160
Świdowska I 16036
Swier J 19933
Swierczewski E 8878
24782
Swierenga J 29964
Świerk E 31531
Świetlikowski M 33715
33718
Swift G 2169
Swift J G 55065
Swift P N 36532
Swiger M K 26581
Swiller S L 24341
Swim H E 16944
25410
31295
Swineford O Jr 1134
43698
Swingle W W 31304
39204
Swinney J 37668
Swintosky J V 16695
16709
16712
40359
Swinyard C A 16714
Swinyard E A 4560
16714
17936
40367
Świszcz A 8074
Switzer J 48982
Switzer R A 19141
Switzer W E 23473
Swoboda W 30046
30054
30064
39900
Swyer G I 10058
Swyngedauw J 41367
Sy M 37847
Syberg E 22441

Sych M 8091 **16048**
Sychenikov I A 18193
Sycheva A N 10229
Sydenham A 41422
Sydenstricker V P 33041
Sydnes S 44888
Syeva G **46816**
Sykes E M Jr 47282
Sykes G 41300
Sykora F 25476
Sýkora O **38335**
Sylla A **46113**
Syllaba J 14771
Sylim-Rapoport I 23592
Sylvester G E 23344
Sylwanowicz L 30327
Syme G R 42133
Symonds K R 5536
Symonds N 45828
Symons A 20366
Symons C 28965
Syner J C 22475
Synge R L 13742
Syracuse V R 11718
Syrett P J 17297
Syřišťová E 14871
Syrkin A B 33602
Syrůček L 2768 28401 28413
Sysoeva A I 7890
Sytnik A P 18250 41535
Sytnki I A 11487
Syta'ko I A 10887
Syverton J T 4443 45825 **45826**
Szab G 46090
Szabó D 43424
Szabó E 11409 23773 41635
Szabo E F P 35572
Szabó G 7175 19565 34002 29178 29184 41607 43440 55538
Szabó H 35376
Szabó I 10567 19749 28796
Szabó L E 10275
Szabó R **43445**
Szabó S 47729 **52221**
Szabo T 34435 55625
Szabó Z 41620
Szabó Ferenczy E 18593
Szabolcs M 41622
Szabuniewicz B 24048 24056
Szadowska A 29518
Szafarz D 15083 37835
Szaflarski J 33756
Szafran L 30383
Szafran Z **24062**
Szajewki J 6864
Szajewski J 30816 **30818** 30838
Szakács J E 24410
Szalatkay S 30039
Szalewska C 38732
Szám I 29890 52889
Szántay C 1324
Szántay J 28799 34073
Szántha J 19749
Szántó E 30950
Szántó I 10592
Szántó J 23778
Szapiro M 44743
Szara S 13813 48967
Szarbiński T 33701
Szarvas F 27184
Szasz T S 24618 24622 50042
Szathmáry J 36170 39738 39739
Szatkowski J 24347
Szcerban J 6969
Szczeklik E 6879 8070
Szczekot J 38468
Szczepański B 36590
Szczepański C 53183
Szczepkowski T W 19578 30727 30893
Szczerbań J 30851
Szczęśniak A 7829
Szczęśniak J 7820
Szczurek Z 38477
Szczygiel B 6868 30691 53178
Szécsény A 51430
Szécsey G 10589 52876
Szécsi K 43436
Szécsi S 43345
Szegedy L 7699
Szégli L 9462
Szego C M **15619**
Szego L 48077
Szegvári G **24033** 53088 55453
Szegvári M 27710
Szeinberg A 4876 13872 16398 39776
Székely A 39735 **39746** 52891
Szekely J 1126 25197 28786
Székely L 4286
Székely M 24035 **29183**
Szekely P 13300 13301
Székely T 19317 39427
Szekeres L 1318 3481 15674 24023 41609 41638
Széll K **52919**
Szemesi I 51421
Szénasy J **39733** 39735
Szendei A 7689 12255 45475
Szendey G L 13363
Szendi B 6108 7707 10588 11459 37006 51423
Szendröi L 23191
Szendzikowski S 30715 30751
Szenes T 30292 52922
Szenic J 20431 **20439**
Szent-Györgyi A 9578
Szentágothai J 25375
Szentivanyi A 1126 12199
Szentiványi M 53698
Szentkereszty B **45472**
Szentkirályi A 28793
Szereszewska H 30807
Szewczykowski W 8247 30801 30802 31515
Szieberth-Horváth E 24032 30511
Szigeti I 10280
Szigeti P 10584
Szikra A 41638
Szilágyi D 49126
Szilagyi D E 1244 11782
Szilágyi G 20173
Szilágyi I 10275
Szilágyi T 24018 24019 24021 24022 28790 28795
Szilárd J 7708
Szinay G 7720 14315 22208 23563 43448
Szirmai E 11215 11221 11294 20329 22962 34006
Szirmai J A 7361 **28385**
Szirtes G 7371
Szlávik I 29163
Szlęzak L 30317
Szmeja Z 30309
Szmigiel Z **53182**
Sznajder W 20414
Sznajderman M 6865 **30732** **53151**
Szodoray L 37242
Szőllősy L **28789** 37752
Szőnyi F 7688 34169
Szőnyi G 41982
Szőör J **43452**
Szőts I 45469
Szoke J 43011
Szold E 3474
Szondy G 37242 37244 37245
Szórady I 43425 52170
Szotowa W 7824
Szpunar J 16037
Szreniawski Z 24065
Sztaba R 6887 30401 43690
Sztankay C **52904**
Szturm-Rubinsten S 47397
Szubert E 30847
Szuchnik A 31508
Szucs M M **906**
Szűcs E 24031
Szűcs S 11190 11191 29160
Szűcs Z 43441
Szűts G 7368
Szuic H 43678
Szuic J 38453
Szulczewski D 4553
Szulmajster J **13806**
Szumowski P 37828
Szungyi Z 10572
Szur L 52290
Szuster I 16036
Szutka A 12428
Szutróly G 49810
Szwarcbart M K 4931
Szwed C F 31367
Szweda Z 7180
Szyfres B 48095
Szymańska I 32173
Szymanski F J 34846
Szymański J 30322
Szymański M 30086
Szymkiewicz W 20446
Taba A H 9093
Tabachnick I I **19579**
Tabachnick M **28320**
Tabacof R 2102
Tabacu C 31904
Tabakov I 28706
Taban C 21342
Tabares C M 8941
Tabari K 24765
Tabarka K **48645**
Tabart J 9628
Tabary J C 44744
Tabatorovich A K 12165
Tabb H G 6240
Taber E 15593
Taber R E 11786 39937
Taber W A 37978
Taberly G 38677
Tabernat J 27490 37857 37870 44774
Tabet F 31960
Tabidze Sh A 31179
Taboada Millas C 21129
Tabone D 26308 26309
Tabone J 26308 **48800**
Tabor C W 16913
Tabor G L Jr 12440
Tabor H 16913
Taboroff L H 24595
Taborsky E 17026
Taborsky G 26962
Tabouret-Keller A 26939
Taccani A 8551 52108
Tacchi D 5572 17852
Tacconi G 49414
Tachella Costa A 6692 8702
Tacorian S 6594
Tacquet A **13800** **21398** 39480
Tacquet A 54165
Tada K 14923
Taddei C 52075
Tadei A 35605 35610 **53401**
Tadeo J 12978
Tadeusz D 30762
Tadić-Djukić M 9963 29395
Tadros F W 4951
Tadifer I 32608
Tänzer A 27151
Taeschler M 39240 54332
Täufel K 3463
Taffel C 20839
Taft E B **6114** 17384
Taft L I 5652 13668 51323 51539 51548
Taft M M 27062
Tafuri C P 15712
Tafuri W L 15712 47794 **55563**
Tagariello P 25544 25596
Tagawa K 52390
Tagawa N 20111
Tagiev Sh K **11520**
Tagirov K Kh 18234
Tagle H 8910
Tagliabue R 20644
Tagliafero A 17513
Tagliamonte B 9382 9384
Tagliani L 14018
Tagliapietra B 11830 **44282**
Tagliavini A 29667
Taglietti A 1905 6915 16813 36776 37330 37331 37332
Taglioni V 3633
Tagnon H 23668 **23670**
Tagnon H J 1774 14754
Tagnon R 11892 21267 21268 44613 44616
Taguchi M 4339
Taha M M 4962
Tahka V 27288
Taibo W 35408
Taietz P 16005
Tailhefer A 42435
Taillens J P 9114 21344
Taine B 28407 29144
Taira N 50072
Tairov A P 51103
Tait G W 27811

Tait J F 13727
Tait S A 13727
Tájber T 7710
Tajima M 50329
Taka K 28694
Takács L 29175
Takagaki G 5490
Takagi A 40451
Takagi K 21718
46631
Takagi Y 50069
Takahara S 35296
Takahashi H 25004 25114 29865 50073 52300
Takahashi S 26786
Takahashi T 14899 14907 14908 14909 14910 14928 14929
Takahashi W N 45827
Takahashi Y 26784 26785 26786 26787 26892 48931 48935
Takala M E 24803
Takamura K 7657
Takanami M 1695
Takano-Moron J 23469
Takaoka M 16799
Takaoka T 4334
16440
Takaro T 10127
51161
Takashima S 13405
Takasu T 19854
Takáts I 13091
Takátsy G 7695
23783
52375
Takayama H 40427
Takayama S 49670
Takebayashi M 13328
Takeda I 18163
18164
Takeda K 14926
24176
Takeda R 47718
Takeda Y 435
7659
Takei H 46499
Takemori S 29813
Takemura S 1705
Takeoka A 24728
Taketa S T 32355
Takeuchi A 49669
Takeuchi H 28691
28694
Takeuchi I 3602
Takeuchi M 55436
Takeuchi N 50074
Takeuchi S 15582
Takeuchi T 40427
40428
Takeya K 13819
Takeyama S 15578
37084
Takido M 14916
Takikawa I 33886
Takos M J 16339
Tal C 17892
Tala E O 35141
Tala P 32714
36005
36037
Talaat M 13462
Talafant E 52391
Talairach J 7385
Talakov A 32826
Talakov A A 18312
32805
Talal N 31629
Talalay P 13822
16909
Talanow W 39626
Talanti S 35090
47434
Talarico E 25722
Talarico L 330
1926
1927
13998
Talaš M 14819
Talbert O R 28655
Talbot C H 53511
Talbot F G 39
Talbot F J 18663
Talbot H S 16638
Talbot N B 4862
51918
Talbot S A 4681
12252
24345
55889
Talbot T R Jr 10431
33074
Talbott J H 16968
45044
Taleb N 31961
Taleghany P 35757
Taleisnik S 3112
8992
Talenti M 21008
Tall B S 53108
Talland G A 17784
Tallarigo A 3856
Tallentire A 19620
Tallon R 39969
Tallon Cantero R 1468
4065
Talmage P 28272
Talmage R V 12923
31384
Talman E L 47043
Tal'man I M 33191
Talmas V 36073
Talso P J 43514
Talwar C L 40094
Talyshinskii A M 45718
Tamagnini G 7660
Tamalet J 29191
Tamarin G 36132
Tamarit J 13458
Tamaroff L 20659
Tambiev E A 1769
Tamborini G 2877
Tambuatco F 8007
Tamemasa O 4333
Tamesis J V 17507
Tamis A B 24522
Tamiya K 1606
Tamkin A S 40713
40716
40747
Tamler E 24558
46464
46465
Tamm C 27477
Tamm J 197
Tamminen V 27124
Tamoney H J Jr 27079
Tampi M R 16279
Tampieri A 3848
9355
13929
39640
Tamponi M 51998
Tamura H 33537
Tamura P Y 4009
Tan P H 9607
Tanabe H 39454
Tanabe S 4331
24099
26788
Tanabe Y 20725
54410
Tanada T 31608
Tanaka A 14912
Tanaka H 4330
4332
16959
Tanaka N 16798
Tanaka S 15585
49240
50418
Tanaka T 4345
Tanamal S T 47273
Tanami Y 26387
Tanasescu N 51812
Tănăsescu R 31126
Tanca Marengo J 46739
Tancer M L 35751
43308
Tanche M 36688
Tancredi F 13982
Tancredi G 1862 1863 37361 37362 49323
Tanenbaum H L 38496
Tan Eng Hoey 2917
Taneri Z 36490
Tanev N 45298
Tanferna M 29620
29621
T'ang C M 38400
Tang F F 21727
24212
T'ang H C 14945
Tang J 1709
Tang J J 50962
T'ang L W 2861
T'ang M C 38411
T'ang T K 38411
T'ang Y 2867
Tangco A 7997
Tangheroni W 29736
Tangman E P Jr 46418
Tani F 37458
Taniewski J 30399
Tanigawa H 16456
Taniguchi K 12573
Taniguchi M 41363
Tanis J 40404
Tankó B 41622
Tannenbaum A 26477
Tannenbaum W J 47237
Tanner D C 11612
Tanner E I 37732
Tanner F W Jr 35563
Tanner J M 10410
Tanner M 13627
36908
Tanner N C 37621
el Tannir M D 17207
47205
Tannou G 43754
Tanon 37775
Tanos B 23751
46603
Tanret P 1448
48804
Tansella G 6918
19224
Tansini G 8666
31754
39693
Tansley K 53082
Tant C O 25156
Tanton J 50412
Tanturi C 15494
Tantuni C A 8678
Tanzi P L 1536
36827
Tao T C 9607
Tapella P A 15528
Tapia F 5458
Tapia Sanz J 53095
Tapie J 20670
Tapitser E I 41670
Tapley D F 13694
37109
Tapley N D 11705
Tapley N D 31629
Taplin J 36984
Taplov S I 15761
Tappeiner J 22895
Tappel A L 28275
31603
Taptas J N 53434
Taquechel C E 8784
Taquechel N 8836
Tara S 54127
Tarab S 53250
54019
Tarabčák M 14804
Tarabukhin I A 18885
Tarachow S 53640
Tarakanov E I 31164
Taranko H 33783
Tarasov G K 34762
Tarasov L A 7933
Tarasov N I 7897
Tarasova A P 33273
33274
Tarasova N V 19102
Taraszka A J 50250
Tarchiani G 3864
Tarchila I 9074
Tarczyński S 33749
33797
Tardieu C 9014
9021
15106
Tardieu G 267 9014 9021 15106 21264 37786 44622
Tardieu P 32063
Tarding F 15633
Tardiveau 47485
Tardrew P L 16879
Tardy J B 31049
Tareev E M 9888
9911
45101
45127
Tareeva A I 18874
Tar'ian R 22673
Tariska I 4136
40048
Tarján R 28057
28058
Tarkhanova I A 55761
55762
Tarkiewicz S 33712
33713
Tarkkanen A 47055
Tarkkanen A H 12439
Tarlau M 27331
Tarlé M Y 1019
Tarlé Y 47481
Tarlé Y 47482
Tarleton G J Jr 28538
Tarlov A 1138
Tarlov A R 33060
Tarlov E L 32571
Tarnopol'skaia P D 33627
Tarnopolsky S 3316
Tarnow G 39403
Tarnowski G S 2705
2707
Tarquini A 29563 42518 42531 42622 42677
Tarr H L 1256
Tarras S 46880
Tarrats Pibernat J 22274
Tarrow A B 40281
Tarsh M J 2181
Tarshis M S 24732
45455
Tarsia O A 39125
Tartaglia P 8463
Tartakovskii M B 33237 33252 33253 33254 33255
Tartara D 52085
Tartari G 9373
Tartaro S 9293
20980
30668
Tartulier 47753
Tartulier M 6327 21757 36684 42504 51384
Tarumianz M A 3184
48999
Tas C van der 7283
Tasaki I 5793
21721
Tasca G 23672
23677
Tasca M 44317
Taschini P 44826
Taselaar M 35324
Tashenov K T 49541
Tashev I 32777
Tashev T 32776
32785
Tashiro K 12796
Tashiro M 13770
Tashnek A B 10257
Tasić D 21945
Tasker J B 4644
Tasker P W 18771
55067
Taskov B 45292
Taslimi P 55564
Tasman A 25151
Tassel D 37910
Tasselli E 30234
Tasseman I S 49382
Tassovatz B 54454
Tassy R 25498
Taszycka K 53169

Tat L 50032
Tata P S 47683
Tataflore E 36966
Tatai K 49233
Tatarelli G 19225
36212
Tatarenko N P 34779
Tatarian G 10075
Tatarinov A L 43543
Tatarskaia R I 1724
Tatarskii N V 9885
Tatarskii V V 55329
Tatarskii Zh 21908
Tatay Romero J 6579
Tatchell R J 30377
Tate B L 7541
Tatevosian T S 39329
Tatibouet L 43766
Tatlier S 6426
Tatoń J 30796
Tatsuoka S 40424
Tattje D H 5753 7960 7961 20312 43585
Tattrie N H 47697
Tatum E L 13255
Tatum H J 38607
Taub E 21675
Taub M 3963
Taube A 52719
Taubeneck U 23066
Taubenfligel W 30717
Tauber H 44113
Tauber K 7081
19381
Tauber R 46997
Tauber W 38842
Taubert G 46202
Taubert M 15779
42270
Taubman A B 49802
Taubmann G 52193
Taufflieb R 14452
Taufic M R 619
Taufrová M 2796
38358
Taugner R 29908
29909
Taulbee E 17113
Tauro C S 49400
Tausend M E 52620
Tausk M 4076
Taussig H B 2883
2902
Tauti J 24066
Tavares A 44658
Tavares P 8730
Tavat S 45488
Taveggia F 29587
Taverne J 40826
Taverner D 2195
41792
Tavernier 1021
Tavernier J 5326
41378
Tav'ev B M 34630
Tavlitzki J 38644
38657
38671
Tavmergen H 7096
Tawil G S 169
Tax T 11466
Tay J 18851
Tayback M 35839
42022
Tayeau F 26322
Taylor A 45377
Taylor A J 14150
Taylor A N 32519
Taylor A R 8337
Taylor B 22714
Taylor C 21694
Taylor C B 51088
Taylor C E 4890
Taylor C R 638
5455
Taylor D B 5742
Taylor D E 27266
Taylor D G 16053
16060
18359
Taylor D M 44261
Taylor D W 5795
52445
Taylor E 7037
40555
Taylor E L 21540
48491
Taylor E P 29858
Taylor E R 55881
Taylor E S 12415
Taylor E W 7101
Taylor F B 35845
Taylor F H 54703
Taylor F K 6554
37575
Taylor F M 52766
Taylor G D 21842
Taylor G W 53226
54761
Taylor H C Jr 10133
12411
38604
Taylor H E 130
Taylor H L 778
Taylor J 17893
22600
Taylor J C 40341
Taylor J G 31278
Taylor J H 27401
51313
Taylor J J 2556
Taylor J L 12483
Taylor J N 35809
Taylor K B 29817
38623
51024
Taylor K W 15630
28971
40800
Taylor L 17635
28993
Taylor L E 867
35874
Taylor L S 27790 27799 27805 27819 49856
Taylor M 35884
Taylor M G 16227
16228
16230
Taylor N F 19464
Taylor P 20778
Taylor P H 35876
Taylor P J 2159
Taylor R E 51090
Taylor R J 35745
Taylor R T 29843
Taylor R W 11732
27969
Taylor T J 50092
Taylor W 14685
50520
52320
Taylor W B 10255
Taylor W F 16268
Taylor W H 37648
Taylor W I 1306
10213
37966
Taylor W J 41451
41887
Taylor W K 14218
Taylor W W 19624
Taymor M L 49516
Taysum D H 49854
Tazima Y 34380
Tchen T T 28248
Tcheng K T 3071
Tcherdakoff P 37927
37936
54184
Tchobroutsky C 3712
Teague R E 5245
41023
Teague R S 13434
Teahan J E 16506
Teare N D 26050
Teasdall R D 14345
14346
17370
34893
Teatini G P 42760
Tebrock H E 16338
Tebrock H E 46888
Tedd J G 53485
Tedeschi C G 11775
Tedeschi D H 17936
51072
Tedeschi G 23755 23756 23757 23759 23760 35159 35162 35164 35165
Tedeschi G G 1529
25646
Tedeschi M 29714
42546
42646
Tedeschi R E 51072
Tedeschini M A 13996
Teed R W 98
Tegelaers W H 51408
51411
Tegtmeier A 46198
Tehan T 16592
Teich-Alasia S 42759
Teicher J D 48425
Teichert G 25350
Teichman V 2745
Teichmann J 22886
Teichmann V 9489
9490
9491
Teichmann W 11217
Teillac A 21281
Teillon J 9168
54908
Teinturier J 42408
42411
Teir H 23962
Teisseyre T 29509
Teissinger J 38361
Teitel A 23605
23628
23638
Teitelbaum H A 8497
Teitelbaum P 50513
Teixeira A V 29357
Teixeira D E 51626
Teixeira E 22275
Teixeira G C 13330
Teixeira W S 13594
Tejada C 15755
25756
Tekman S 45435
45436
52416
Telea G 23171
Telegdy G 35366
35369
Telegdy J 49286
Teleman M 23171
Telenchi V I 49789
Telerman M 39263
Teleszczyński M 53126
Teleszyński M 38474
Telford D 14644
Telford I R 20749
Telia A V 20304
Telia D 25446
Te Linde R W 3023
38606
Telivuo L J 26121
Telkkä A 204
24810
27278
Teller H 19399
22991
Teller W 198
Telles E Da S 18832
Téllez R 8691
Tellini R R 18826
Tello E E 53354
Telner P 5219
Teló W 3845
Teloh H 50721
Teloh H A 11757
46910
54836
Tělupilová-Krestýnová O 30498
Temelcou O 13917
Temeuescu I 11318
Temelkov S 28713
Temesio N 36849
36960
47838
Temesvari A 5880
52913
Témime P 2402 2424 2425 2427 2428
Temime-Morhange A 36069
Temin H M 45829
49447
Temine P 41940
Temirov E S 34756
Temkin B I 3824
Temkin O 48367
Temkov I 32735
45291
45306
46310
Tempea V 46480
Tempel F J 7104
20247
20248
43483
Temperini P 54259
Temperli A 25320
39230
Tempest M N 26040
Tempini L 8053
Tempka T 6872
30817
Templado J 29540
Temple J P 54905
Temple L A 55892
Temple L L 4419
Templeton F E 27547
Templeton R C 4706
Tempone N 21795
Tempone N D 8676
35027
Temps W 39085
Tenchov G 32741
Tenconi L T 35533
Tenczynski L 30749
Tender M J 16478
Tender M J B 3702
Teneff S 40960
Tenery R M 54855
Tenescsku G 46311
Tenette C 54039
54044
Ten Eyck E A 53721
Teng C C 12443
47019
55014
Teng P 5531
11665
Teng Y T 38413
Tengberg J E 35172
Tennant R 628
3169
27045
Tenney B 19822
Tenney L E 47256
Tenney S M 24335
46924
Tenret J 35522
Tenti L 32163
54251
Tentori L 53813
Tenuto R A 25771
Tényi I 35371
Tényi M 11194
30285
Teodorescu B 31133
Teodorescu C 6590
Teodorescu S 7977
Teodori M I 32878
Teodori S 3596
Teodorianu T 32882
Teodósio B da S 8777
Teokharov B A 9898
45647
Teorell T 15685
Tepe H J 9975
Teplick J G 24656
Teplitsky B 14719
Teplitz C 6533
Teplov I T 51202
Teplov S I 1744
13050
Tepper B S 5188
Tepper I 4868
Tepper L B 46390
Tepper P A 32558
Tepperman H M 27250
Tepperman J 27250

Te Punga W A 5698
Terada H 17369
Teräsvuori H 27291
36038
Terajewicz A 20459
Teramo A 27355 36965 39677 39680 39684 39685
Terasaki P I 5152
47577
Terasawa F 435
Ter-Avp' /a N M 28820
Terayama H 39455
Terekhova L G 51750
Terent'ev V G 34819
Terent'eva E I 6043
52952
Terent'eva G M 33190
Teresa Louise, Sister 6972
Teresa Miriam, Sister 40025
Tereshchenko I P 33603
Terestman N 12699
Ter-Grigorova E N 36880
Terho J 24802
Terjanian B 52822
Terkildsen K 35318
Terletskaia T M 41665
Terman A V 39603
Terman L A 49779
Termansen J B 1634
Termet 28353
Terner C 25865
Terner la M 34745
Ternes T 7666
Terni M 9934
Terni S A 8518
Ternovskii I N 55862
Ternovskii S D 45627
Terpugov E A 55317
55850
Terracol J 44657 44661 44663 44664 44666 44670 44671 44673 44674 44675 44677 44678 44679 44680 44681 44682 45030
Terragna A 29732
29730
Terranova R 39892
54480
Terranova S 9299
27460
27652
Terranova T 16013 16014 44799 48851 52428
Terrasse J 9233
21300
36630
36631
Terrier G 53249
Terrill K D 17319
Terroine E F 24873
Terroine T 26790
Terroux K G 48441
Terruzzi B 7737
Terry D 24591
Terry D A 19658
Terry L L 50453
Terry M 4862
51918
Terry R 584
25058
Terry R B 2229
35631
Terry R D 52586
Terry R J 6134
44032
Terskikh I I 34677
Terskikh V I 34641
Tersteege H M 43589
Tervilä L 36039
Terwey K H 41770
Terwilliger J S 17163
Terzani A 3880
30258
Terzano G 8177
46759
Terzi I 29620
29621
Terzian H 27668
Terziev G 32775
45305
Terzin A 28402
Terzin A L 28410
Tesař J 38262
Teschan P E 11815
34941
Tescola F 2965
Tesi M 1968
Testa O 26534
Teskey I Jr 38009
Tesler J 42300
Teslia-Tsviakh T A 18308
Teslić K 21944
Tessari L 1605
37345
37352
Tessier P 32027
Tessier R 50767
50771
Tessman I 51307
Testa E 27432
Testa I A 43339
Testard R 44991
Testas P 31080
Teste M 6374
Testelli M 23643
Testelli M R 12267
Tester J L 4828
Teter J 27603
Tetley J H 30368
30369
Tetlow J 49297
Tétreault A 10507
Tetti A 31624
Tetzner K H 3212
Teuber H L 11646
Teutsch W 46793
Tevajärvi M B 10072
Tevelev S M 33348
33349
Texier L 41115
Texter E C Jr 8484
35668
35674
39460
Teyschl O 20287
Teyssie A 8977
Teyssier L 21397
Teyssonière de Gramont 54073
Tezuka O 5903
Tezza A 1966
Thackray A C 18439
Thage O 19137
Thaggard A Jr 22169
Thai Tuong 54889
Thakre M W 10536
Thal A P 28162
29749
54715
Thal N 43707
Thalabard J 14369
Thaler H 22759
51820
Thaler V H 40302
Thalhammer O 30043
30053
33538
Thalmann R 22785
Thamdrup E 43191
Than B 55419
Thán E 28792
Than Aung U 14529
Than-Tun 13827
Thannhauser S J 49096
Thanniach G 17920
Tharanne J 38724
Thatcher V E 51010
Thauer R 30574
41741
54928
Thayer L O 5122
Thayer S A 40486
Thayer W W 25924
Thaysen J H 10626 10628 10630 18445 45504 45505
Thebault 14378
Thebaut B R 5341
Thedering F 18981
Thedering F Jr 48068
Thedieck C G 4451
Theile H 33993
Theilen E O 1224
14966
Theiler M 24695
Theinl K 29463
46023
Theis F V 27955
Theisen H 6091
Theiss E A 32353
Theiss W 18953
Thelander H E 5721
14564
17918
Thelen H M 650
4465
Thelen P O 15872
Thelin F 16374
Thélin M H 43827
Themel K G 30278
Theobald G W 51322
Theobald H E 4100
Theobald P W 23455
Théocaris 28369
Theodoreanu T 44000
Theodorescu B 9464
Theodorou S 4791
Théoleyre M 21295
Theorell H 35553
43201
Théret C 37804
Thergaonkar R D 54707
Therien R C 28160
Therkelsen F 10620
10639
42507
Therkelsen J 10618
Therkelson R 10158
Therman E 46892
Theron J J 9785
41463
54504
Therriault D 28240
Thesleff S 313
17977
23536
35381
The Soey Liang 52511
Thessieux M 18000
Thetford W N 8424
Thévenard A 9146
9159
Thévenet A 1469
18113
27262
42508
Thévenet M 7756
36053
36062
36063
Thevenot R 38732
Thevenoux R 13475
Thewanger W 41722
Thian H A 50756
Thibaud 7064
Thibault J P 10671
Thibault O 48865
Thibault P 21380
53411
Thibaut A 35449
43118
Thiebault J 8236
Thiebaut F 8242 14486 18016 27024 54100 54110
Thiéblemont P 9013
Thiéblot L 32945
Thieffry S 1031 35435 44720 44727 53371
Thiel H 16115
Thiel H L 19044
Thiel P H van 25146
33138
33145
Thiele G 39404
42346
Thiele H 27445
38912
45587
Thiele P 15356
18329
49039
Thiele W 52214
Thielen W 37
Thielmann K 34032
Thieme H J 45400
Thienes C H 2713
2726
Thier A 28941
Thier C J 40871
Thierbach R 25227
Thierbach V 52247
Thiermann E 13893
Thiers 51391
Thiers H 2385 2389 2394 2395 2396 2397 2405 2409 2410 2411 2412 2413 6313 6320 8230 1329 28489 36089 41943 41950 51387 51388 51389 51390 51394
Thiersch J B 48535
Thiéry G 38745
Thiéry J P 21302
Thiery L 47918
Thiery M 12986
19626
Thies G 6699
Thies H 1329
47677
Thies H A 52250
Thies W 46632
Thiesen H 49072
Thiesen J 13637
Thiessen E J 14636
Thiessen G J 28205
Thiessen J W 19719
Thiessen R Jr 13403
13404
Thieulin G 26353
Thiis-Evensen E 16332
Thill R 9100
Thin C 50474
Thind K S 16206
Thines G 39242
Thiodet J 431
434
953
36106
Thirring E 51940
Thiry 35233
Thiry S 7388
9081
13016
54102
Thistlethwaite D L 21673
Thistlethwaite J R 10983
43701
Thoai N V 1699
Thölen H 39639
Thoenes F 18283
34108
51855
Thoenes W 33527
Thoenies H 35591
Thörmer H J 11401
15337
Thofern E 27916
47926
Tholen G van 29970
Thoma K H 7671
Thomae H 33551
Thomi H 42340
53597
Thomann H 24270
28883
Thomas A 34990
Thomas A F 15662
Thomas A J 6193
52393
Thomas A N 4833
Thomas A R 5052
Thomas B A 54529
Thomas B W 20359
Thomas C A Jr 50566
Thomas C B 28285
42027
Thomas C G 26111
53059
Thomas C G Jr 935
12829
Thomas C H H 7040
Thomas C I 26449
Thomas C L 3355
Thomas C P 54919
Thomas D H 611
Thomas D K 7170
Thomas D P 50303
Thomas D W 1345
Thomas E 45022
Thomas E D 24976

Thomas E D 37222 48055 50711
Thomas E S 12046
Thomas E T 14566 41857
Thomas E W 21225 51579
Thomas G 6117 36637
Thomas G A 16786 40239
Thomas G I 850 16659 54666
Thomas H A Jr 35842
Thomas H H 21870
Thomas H N 6117
Thomas I L 41317
Thomas J 27711 45022
Thomas J A 10212 36670 48845
Thomas J D 30367
Thomas J E 37617
Thomas J J 51063
Thomas J R 4646
Thomas J V 42811
Thomas J W 1136 5228 45803
Thomas K 49902
Thomas L 5004
Thomas L A 44121
Thomas L B 48546 52607
Thomas L C 11532
Thomas L J 6426
Thomas L M 11649
Thomas L N 30429
Thomas M H 19791 50177
Thomas M J 7250
Thomas M J A 29046
Thomas P 44607
Thomas P K 2094 41816
Thomas R 17625 48681
Thomas R C 22477
Thomas S F 15907
Thomas W A 13003 14993 17580 35642 41265 48705
Thomas W C 23441 50801
Thomas W C Jr 5079 33051
Thomas W G 41327
Thomas W J 1300
Thomas W J 32499
Thomas W L 12423 38564
Thomason D 19534
Thomasse C M 7274
Thomassen P R 7684
Thomasson B 26494 50460
Thomasson C L 16699
Thomasson H J 51337
Thomis G N 8310
Thompson A W 48347
Thompson B 14712
Thompson C 12629
Thompson C A 24991
Thompson C B II 4115
Thompson C G 24532
Thompson C R 3416
Thompson D H 14791 44152
Thompson E C 31434
Thompson E O 13769
Thompson G 5276
Thompson H 17905 46612
Thompson H C 13558
Thompson H E 659
Thompson H G 7624
Thompson H K Jr 50227
Thompson I M 12663 16572 17768
Thompson J 24467
Thompson J A 52625
Thompson J B 14742
Thompson J D 16247 42860 49973
Thompson J E 28492 29280 43143 50802
Thompson J M 5505
Thompson J R 49192
Thompson J S 17708
Thompson M E 5647
Thompson M S 40614
Thompson O W 45569
Thompson P A 52433
Thompson P E 1292
Thompson P O 5836
Thompson P P Jr 41091
Thompson R 4929 5033
Thompson R C 27802 44951
Thompson R E 17894 51042
Thompson R F 17093 28338 28339 40824 54523
Thompson R G 12696
Thompson R H 13812 39728
Thompson R Q 17824
Thompson S A 869 24721 30149
Thompson S W 6118 15242
Thompson S Y 37597
Thompson T L 16869
Thompson V C 8489
Thompson W A 19840
Thompson W B Jr 653
Thompson W N 19960
Thompson W R 30125
Thompson W T Jr 24436
Thompson W V 4514
Thoms H 16671 41168
Thoms J 35461
Thoms O J 23479
Thoms R K 36592
Thomsen 34359
Thomsen Å C 587 10627
Thomsen A E 15057
Thomsen B 45525
Thomsen K 35127 45512 45516 46585
Thomsen K A 33383 35318 35337 35338
Thomsen N J 10634 55104
Thomsen P 44567
Thomsen W 19448 38450
Thomson A M 37596 50970
Thomson A P 14310
Thomson A R 32707
Thomson C W 6194
Thomson E H 5360
Thomson J D 26058
Thomson J F 7330
Thomson M L 4658 26061 12222 40137
Thomson P D 17108
Thomson R Y 1647 1679
Thomson S 37991
Thomson S A 34961
Thomson T J 14276 38628
Thon D 46229
Thonard J C 5190 16872
Thonnard-Neumann E 34330A
Thorangtul D 40244 40245
Thorban W 12088 22211 29111
Thorbecke G J 31428
Thorbjarnarson B 23486 35872 52667
Thorburn W B 2209
Thorell B 25928
Thorlakson P H 26434
Thormählen P 37024
Thorn G W 6745 17034 17035 17064 28168 30102 30112 46959 48332
Thorn W 5473 5474 25889 30579 46094
Thornburn W B 44260
Thorndike L 40200
Thorne C B 28216 28250
Thorne F C 40728
Thorne H V 19489 40126 40127 40128 40129
Thorne J L 12724 51001
Thorne N A 14082 37551 48176
Thornfeldt P R 24550
Thorngate S 22020
Thornton J A 41416
Thornton J L 21847
Thornton K R 20689 51036
Thornton M J 40679
Thornton N 34992
Thornton R H 19645 52312 52382
Thornton S P 34939
Thorp P 17473
Thorp R H 47732
Thorpe B D 44145
Thorpe H 47075
Thorpe H M 18358
Thorpe J G 17746 17754 17755 17756
Thorpe J J 34866
Thorpe W V 37057
Thorsén G 37798
Thorsen R K 10363
Thorshauge C 52717
Thorson A 11970
Thorsson K G 5912
Thorsteinsson T 49487
Thorsteinsson T 49511
Thouvenot G 26262
Thouvenot J 15098
Thouverez 32207
Thouverez J P 41142 54302
Thoyer-Rozat J 26212 38804
Thrasher W H 7024
Threadgill F D 18662
Thresher C L 29830
Throckmorton T D 17535
Thros H L 30584
Throop B T 16777
Thrower W B 41451
Thuaud J 42421
Thürigen G 12183
Thuillier G 26663
Thuillier J 26663 26745 26989
Thulesius O 35386 46694
Thulin C A 11885
Thulliez A 44886
Thumb N 33828 46803
Thune L E 17190
Thuns S 35478
Thursu K 30517 30589 53080
Thurau R 38982
Thurel R 19772 27344 44731
Thurlbeck W M 18124
Thurlow M 40762
Thurlow W 17362
Thurm K 11375
Thurman W G 25021
Thurman W L 5833
Thurmayr R 7085
Thurmer G 2130
Thurmond L 4577
Thurner J 11349 34255 18315 19334
Thurston C 34963
Thurston G 29341
Thurston J P 30379
Thurston J R 25005 35910
Thurzó R 55660
Thuss W G Sr 21852
Thygeson P 14463
Thys F 35507 35512
Tiagin N V 13856
Tiakhepyl'd L Ia 33565
Tiang O T 41976 41978
Tiba M 50073
Tibaldi G 21464
Tibaudin H 8157
Tibéri S 1456
Tiberio G 47341
Tibilova A U 46315
Tiboldi T 36305
Tibolla B J 12736
Tiburtius H 34593
Tice L F 12478 24597 12481
Tichit L 24772 47359
Tichy H 13382
Ticinese J B 43899
Tidd C W 50193
Tiddens H A 51410
Tideström F 43206
Tidwell H C 35830
Tieckelmann H 2672 2710
Tiedemann H 46163
Tiedemann R 25337 44663
Tiedje E 34462
Tiegel W 4042
Tiegermann T 6596
Tiemann F 12062
T'ien H Y 16269
Tiengo M 42488 42489 42490
Tietz A 47714
Tietz H 34213
Tietze F 13397
Tievsky G 6429 47234
Tiews J 45846 52210
Tiffany W R 5851
Tiffemberg M O 43898
Tiffeneau R 31075 45023
Tiganov A S 34751
Tigaud J 13014 26319
Tigay E L 43125
Tiggelaar J 49612
Tighe P 10994
Tighe T J 4941 17089
Tikhonenko T I 24210
Tikhonov K B 10823

Tikhonov V S 45207
Tikhonova E P 53455
Tilak S T 7116
Tilden I L 517
Tilden J H 15007
Till A S 53283
Till G 49811
Till J E 47949
Till M 26028
Tille J J 19666
Tillett W S 33032
Tilley J B 41818
Tilley R M Jr 18661
Tillgren J 22131
Tilling W 366
42350
Tillinger G 40667
Tillman H H 43366
Tillman W A 48476
Tilton E M 10482
Timakov V D 33164 33165 33492 36360 55756
Timasheva E D 31233
Timberlake C E 53625
Timberlake W H 25015
47155
Timbury M C 21731
28996
Timchenko K G 51180
Timen Ia E 55764
Timeskova G V 12110
Timm F 23076
27121
27144
34437
Timmermann E 32445
Timmermans N 215
Timmerwilke J P 6516
Timmes J J 22473
36317
Timmis G M 19670
Timofeev M I 10889
Timofeev N N 34680
Timofeeva M M 34631
Timon-David J 38661
48832
Timonen S 36040
Timoshenko N P 22619
Timoshev N P 45751
Timoshkina L F 20298
Timossi C 29610
31656
Timossi G 3718 13508 19174 19177 25650 25651 36811 36812 36813 36814
Timothee R 37250
Timothée R A 13890
13908
24424
Tinant M 54102
Tinch R J 4499
4500
Tinckler L F 2148
Tindal J S 53471
Ting C H 14942
Ting N S 38398
Ting Y C 38479
Tinker I S 18884
36401
Tinoco E M 53862
Tinozzi C C 52001
Tinozzi F P 20964
Tinozzi G 6270
Tinti M 3640
Tipner A 16633
Tippett P A 33661
Tipson R S 46783
Tipton I H 23328
Tipton V J 5606
Tir M M 9913
Tiraspol'skaia M M 25757
Tirlea I 31138
Tirschek H 6053
Tirunarayanan M O 25810
32306
Tisch D E 25001
Tischendorf F 23817
34227
39241
Tischer W 55444
Tischler V 38254
Tisdale W A 46950
Tisdall L H 8136
Tishkoff G H 227
Tißler M 13369
Tismineshy J 31038
Tisné Brousse L 31881
Tison C 7510
Tisserand J B Jr 3666
Tisserand M 48891
Tisseur R 31979
Tissier M 14386
48856
Tissières A 19512
Tissot A 29144
Tissot R 27853
44915
Tisza A 43441
Tiszai A 11190
11191
36417
Titche L L 124
1563
36287
Titchener E B 37102
Titchener J 53621
Titova A I 43538
Titova A K 9858
Titova A T 22536
Titova G V 34652
Titschack G 1576
Titschack H 55644
Titus E D 36917
Tiuflina O V 22502
Tiurin A G 47861
Tiurin N A 43542
Tiushnaiakova M K 22711
33648
Tixier-Vidal A 36512
38681
38715
Tizard B 17745
Tizard J 41865
50845
Tizianello A 25569 27767 29712 36737 39763 42623 44177
Tizzano A 39660
Tjalma R A 17531
40398
Tjan J 40106
Tjutčev N 38312
Tkach A I 49794
Tkachenko S S 22534
43406
52863
Tkachenko S Z 45256
Tkachuk V N 10709
Tkacz J 26657
Tkaczewski W 8102
Tkaczuk H 38463
Tlatov S B 32565
Tlolka J 7777
30391
Tłuchowski W 30316
Tlusty T 48159
Toaff R 27777
Toba M G 18854
Tobar Acosta M I 44546
Tobeck A 19315
Tobias C A 32698
49264
Tobias N 7
6997
Tobik S 30738
Tobin J R Jr 2229
Tobin R B 35814
47111
Tobis J S 1479
Tobiška J 30024
43083
Tobler R 39901
39902
39909
Tobler W 28077
Tocantins L M 10334
Tocantins L M 13386
19627
Toccafondi R 49593
Tocco C 20994
Tochilin E 49858
Tochowicz L 6870
Tocsek S 53126
Toda T 13819
Todd E Jr 50688
Todd E W 23464
26471
Todd I P 53545
Todd J K 14271
Todd J P 41323
Todd R 51918
Todd R M 14033
36534
43793
Todd W R 35805
Todhunter E N 28114
Todorov I 32763
Todorov M 32792
Todorov P 32820
Todorov R 32760
Todorova M 32781
Todorović K 41925
Todorović V 10902
Todorovičová H 21557
21558
44871
44872
Toedt T A 40031
Toekes I M 44958
Töndury G 29576
Tönnis D 15882
30548
Tönnis W 5521
29062
Toepel W 39199
Törmä T 47363
Törnblom N 19949
Törnell E 45339
Törnell G 35423
35424
Törngren P H 52718
Törnquist R 23838
23840
23876
23879
Törnwall L 47489
Törö I 55523
Török B 2282 23192 26172 28787 28789
Török E 12257
Török G 43424
Török H 52893
Török P 4131
Tötterman E 36011
Tötterman L E 36041
Tofte F 22424
Toftemark C 22445
Toga M 2423
9133
29192
44750
Togashi K 13777
Tognini G P 44438
Toguri E 24733
Toivonen S 4991
24815
24850
40789
Toivonen T 54639
Tokareva A A 11481
Tokita T 35299
Tokuhata G K 8443
Tokumaru T 46170
Tokuyama G 24727
Tolan J F 123
36286
Tolbert B M 51922
Tolcheev A F 43414
Tolchinskii V A 45745
Toledo A 21181
21186
Toledo A N 35030
Toledo J D 37023
Toledo O Z de 47654
Toledo Correa N 25661
Tolentino P 13416
Tolentino S C 50371
Tolev I 45299
Tolhurst G C 55895
Tolic A 27712
Tolins S H 47589
Tolkachevskaia N F 33571
Tolki U 55681
Tolksdorf M 19312
21632
42368
Toll N 12605
Tolle R 25318
Tolles W E 12416
51293
Tolleson W J 10430
Tolmach J A 23368
Tolman C P 47062
Tolnay T 3430
Tolokova N A 1752
Tolot F 47763 47764 47765 47768 47769
Tolova S V 48034
Tolparov K D 41692
55155
Tolstoi E 2984
24439
Tolstoshei O N 49797
Tom M I 17794
Toman J E 8352
Toman W 50102
Tomarelli R M 31452
Tomas E 9063
36156
Tomaselli S 31708
53503
Tomashefsky P 1341
Tomasi M 26367
Tomašić P 34496
Tomasik B 20191
Tomasik W 31538
Tomasini 31996
Tomasini M 42221
42228
Tomassetti Levi A 42761
Tomaszewska J 38460
Tomaszewski L 7811
20239
Tomatis L 11786
Tomatis L A 39937
Tombor J 11460
11467
Tombs M P 1637
Tomchick R 4771
Tomcsányi A 24024
24025
24026
Tomcsik J 32299
32300
55673
Tomczyk Ł 53134
Tomenius J 52729
Tomić J 10559
Tomić L 9967
Tomić M 6630
9944
51724
Tomilina I V 33184
Tomin R 32609
Tomino H 55430
Tomino K 2824
Tomioka K 16802
Tomisek A J 25413
Tomita K 49260
Tomita T 5515
Tomizawa J I 10855
Tomkiewicz 32400
Tomkins G 7136
Tomkinson J S 18385
Tomlin E M 45081
Tomlinson B E 50984
28464
Tomlinson F B 2887
Tomlinson J A 42998
Tomlinson P B 54582
Tomlinson R H 38027
Tommaseo T 9313
Tommasi M 47423

Tommasi M 47425
51367
51402
Tommasini Degna A 49582
Tomoda T 41490
Tomori Z 30240
Tomorug E 46311
Tomov L 16419
16420
32816
Tomova T 28756
Tompkins C A 50895
Tompkins M J 47124
Tompkins R 10119
Tompkins W T 19134
Tompsett S L 8493
Toms D J 31605
Tomšíková A 34078
Tomson N M 39608
Tomsovic E J 17921
28599
Tomus L 41330
Tončić S 10913
Tonelli E 16015
9411
Tong J 50843
Tong J L 12792
Tonge C H 7213
Tonge W L 18452
Tongen L A 29754
Tongur V S 55300
Tonietti G 3585
Tonina T A 9722
Tonini G 1949 1950 1951 1952 1953 1954 3541 14021 14022 14023 14024 14025 25589 25592 27430 37314
Tonitza P 6296
Tonks D B 26389
Tonks E 37603
Tonks R S 51132
Tonna E A 32618
Tonndorf J 13276
13285
23282
36268
Tono L 47501
Tonso C 19159
Ton That Tung 14954
Tontodonati T 20219
Toohey M 2267
Toolan H W 47542
Toomey L C 17139
Toone E C Jr 46955
Tooth G 14479
Top F H 5389
7852
Topa E 9180
Topacio T M 4652
Topaloğlu A 45485
Toparskaia V N 32543
Topchiashvili Z A 18264
32561
Topchii M K 33653
Topek N H 7607
Toni G C 8047
8057
20814
42625
Topiński S 29050
Topkins P T 49484
Topol O 14777
43089
Topp G 11433
11437
Topper Y J 13825
Topping G 18386
Topping M C 40940
Topposada H H 17628
el-Toraei I 18141
Toral Viteri M 8842
Toratani Y 22253
22262
Torblaa R L 11529
Torbring E 10160
Torchi B 36781
Torchiana B 30257
Torchiana M L 36596
Torchinskii Iu M 10940 22489 22653 37142 48052
Torellas C M 40968
Torelli U 1957
Toremalm N G 36269
Torgersen J 11083
Torgersen O 45428
Torgerson F G 10690
Torikai T 52609
Torkelson T R 12221
Torlone V 32594
Torloni H 8733
53851
Torlontano G 44811
Tormene A 187
Tormo Alfonso V 44490
Torner-Soler M 443
Tornín E 8838
Tornow A M 49168
Torok G 39785
Torok N 15743
Torontáli T 23233
Toropova E G 36387
Toropova G P 33634
51753
Torp A 52456
Torraca L 9275
Torraco D 3900
27636
Torrance H B 18061
51127
Torre M 30235
37384
Torrealba J F 55065
Torrens P E 53299
Torrents Terres J 23917
Torres A R 42897
Torres C 13530
Torres C M 39986
Torres E 13585
Torres G 8891
Torres J 446
21180
Torres J C 12561
Torres L F 7996
Torres L M 24740
24745
35970
Torres Casabona J 43929
Torres Gonzáles G 31843
Torres Gost J 1807
Torres Posse A 8215
Torres Umaña C 44550
44603
Torresani 41403
Torresani J 53416
Torresyap F C 23485
Torrey F A 5212
Torrey R 4379
Torricelli A 31626
Torrigiani G 32119
38551
42772
Torroba Bernaldo de Quirós R 1797
Torroella Mtz-Fortún E 47831
Torruella J 53945
Torsoli A 15867
Torsti M 24813
Torsti R 24813
Tortarolo E 19176
33376
37303
37304
Torti R 20656
Tortora A R 15268
Torz E 52303
Torz R 52303
Torzecki Z 30820
Toš-Luty S 33704
33707
Tosan J 29236
Toscano Barboza E 24352
Tosch C 28875
Tosch R 39084
Toschi G 27420
53806
53819
Toschi P 9418
53682
53691
Toselli C 13140
Tosetti D 3732
Tosetti K 15392
34595
Toshach S 12277
Toshev I 28728
Toshev Iu 28755
41575
Toshkov A 11478
Toshkov A S 36400
Tosi L 49352
Tosick W A 40355
Toskin K D 41683
Toso M 39644
Tošovský V 38324
38329
Tosquelles 18560
Toss R 45326
Tost M 11146
34216
51266
Tostes E 31847
Tóth B 41608
Tóth J 33830
Toth L A 2917
Tóth M 23780
29185
Tóth Z 28896
28912
51248
Toti A 31655
Toto P D 40780
Totten R S 12361
Totter J R 34836
44948
Toubert J 8321
44160
Touboul R 55115
Touboul S 32910
32911
Touceda A E 43925
Touchard J 41375
Touchstone J C 17061
Touitou C 41385
Toullet F 47561
Toulouse P 17661
Toumanoff C 42040
47417
Toupalová H 2754
Toupet A 42413
Touraine A 8368 8371 31092 31500 53594
Touraine R 2381
Touraine R G 28353
43775
50787
Touraine R L 25442
Tournaud S 36126
Tournay A 9129
31057
Tournerie J 17661
Tourniaire A 6311 6327 21757 36684 47753
Tourniaire-Lamicq M (Mme) 54302
Tournilhac M 9151
Tournoux P 7385
Tours F B 46743
Tourtellotte W W 5271
5272
Touru-Kaisila K 36113
Tousimis A J 20772
44090
Toussaint C 39260
Toussaint D 46617
Toussaint J P 24122
46725
Toussaint P 26245
35507
Toussaint R 1320
Toussaint Y 24122
46725
Toutée F 49746
Touzé-Soulet J M 26956
Tovar E 21153
Továrek J 30725
52391
Tovarova I I 36389
Tove S B 7153
Tovell H M 46989
Tovell R M 47313
Tovena A 42497
Tovey A D 33665
Tovey D C 13302
Tovey G H 19597
51347
Tovo S 254
Tow P M 42119
Tower D B 47104
50924
Tower P 23424
34925
Towers A G 41810
Towers J R 14043
Towers M K 14248
Towers R P 28464
Towery B T 17563
el-Towesy Y M 4962
Towne J E 4317
Towner L W 24191
Townley M C 24627
Townsend E H Jr 28142
Townsend F M 4704
Townsend L 18734
Townsend R H 48219
Townsley P M 48453
Toyokura Y 19790
Toyomizu M 49807
Toyoura E 2825 7206 14914 14915 14927
Toyoura H 4341
Tozer B T 19474
Tozer R C 28995
Tozzi A 18531
Trabacchi G C 31699
Trabin B 40380
Trabucchi L 25613
Trabucco A 7581 7584 15525 27210 27222 27239 30241 39092 39106 39131 49149
Trabucco A E 15497
21047
Trabue C C 5853
Tracy J F 16971
Tracy P C 23518
Tracy S (Mrs) 23457
Tracy S M 8430
Traeger J 5334
Traeger K A 41250
Trafford H S 30922
48264
Trager W 17255
33762
Train D 41311
Train L E 17335
Trainin N 26001
Trainina N M 43413
Trainel M 1054
Traissac F J 5328
36639
36645
41133
Trakhtenberg D M 36374
Trakhtenberg M G 41500
Trakhtenberg Sh E 9878
Trakhtman N N 39582
49800
Trakli A 48064
Tramer M 11243
44918
Tramier G 2388
6316
37898
Trampusch H A 7352
Trams E G 31324
Tramujas A 44468
44475
Tran H T 41536
Tran Ba Loc 9024
Trancheni J 452
43928
Tranchenni J 44471
Tran Dinh De 31093
Tranisi C P 29928
Tranquilli-Leali E 9343
Transko V M 8454
Trantas N G 14515
Trần-văn-Bang 7102
37918
Tran Van Du 47399

Tran-Van-Ky 48823
Tranoustis N N 46351
Trapani R J 37567
Traphagen D W 22026
Trapl S 26533
Trapp E P 26579 40711 40749
Trappmann R 50026
Trashchenkov N I 52968
Trattner G G 19144
Traub A 13807 30298
Traub E 12768 55670 55686
Traub W 54394
Traugott N N 34759
Traum R E 13271
Trauner R 29100 29580 34189
Traut E F 36256
Traut H F 10453 38597
Trautmann F 39026
Trautmann I 28913
Trautner E M 36975 36985
Trautschold I 1601 27895
Trautwein W 30512 30530 43571
Travaglini E C 3489 3490
Traverse P M de 2485 28661
Traverso-Cori A 37068
Travin A A 51176
Travin G Ia 55201
Travis D M 16820 54406
Travis J H 24621 53612
Travis R E 28287
Travis R H 39210
Trávníček T 44868
Trávníčková E 44868
Trazzi R 51970
Trčka V 38242
Treacy M 55351
Treadgold S 29242
Treadwell C R 12576 31379 35831 44126
Treadwell P E 28225
Treanor W J 48761
Trebaul L 32925 32926 32943
Trebet A V 7168
Trede H 7033
Tredway J B 36327
Treff W M 33940
Trefný F 48654 48661
Tréfouël J 54897
Tregillus J 48148
Tregnaghi G 29673
Tregoning L J 9563
Treiub A 17127
Treiber W 42309
Treiger R 8774
Treip C S 4250
Treisman M 19643
Treister G N 45771
Trelawny G S 16400
Treloar A E 16252
Tremblau E H 7374
Tremblay L 37957
Tremolieres 22458
Tremolieres J 10221 26300 37904 38735 54900
Tremolières Y 9121
Tremor J W 40600
Trendelenburg U 21680 51076
Trenholme M L 14588
Trenta A 53749
Trentin J J 47570
Treppox 36653
Treppoz M 36684
Treser G 3432
Tresidder M 14638
Treskunov B G 10893
Tresner H D 4710
Trespalacios F 54531
Treuselt M E 17270
Trestioreanu A 23216
Tretenhahn W 19003 49131
Trethewey C A 16743
Trethewie E R 25783 26141 38099
Trethowan W H 6472 42108
Tret'iakova E I 31201
Treukhov V E 45603
Treusch J V 2521
Treutler H 49013
Trevarthen J 19468 19519
Trever R W 10423 14343
Treves B 52018
Treves G 1492 36709 36710 36712 36713 36718 36720
Treves N 10109 38055
Treves N E 48541
Treviño C A 38503
Trevino J 2928
Treviño Alonso J 37261
Trevisan P 30259 35013 39514
Trevisani A 9373
Trevor D 53516
Trevor-Roper P D 46206
Trévoux 2404 2407 41942 41948
Trexler P C 7953
Trgo A 41926
Triadó A J 44502
Triadu J 44502
Triandaf E 36145
Triandis H C 4376
Triantafilidi I G 45725 55233
Triantafillopoulo B 27723
Triantaphylli I 21314
Triantaphyllidis E 25522 25524
Triapyshko A D 45174
Tribedi B P 40913 40924 49994
Tribel S 46555
Trible W M 122
Tribouilloy M 38818
Tribouley J 26772
Tributait B 46701
Tricarico V 9422
Trice H M 44290 53674
Trichereau R 26968
Tricoche R 38727
Tricoire J 20524 43749
Tricot A 25401
Tricot G L 32014
Tridenti V 6804
Tridon P 9099 9134 9135 9143 44747 44749 54059 54112
Trieger N 20150 54761
Trier T R 17164
Trifaud A 18646 51443 51447 51450 51463
Trigo E 42504
Trillet M 6316 51400
Trimble R C 4659
Trimbos J B 49601
Trimby R H 5383
Trimpi H D 3378
Trinca S E 1836
Trincão C 52427
Trincão R de 28089
Trincas M 42616 53590
Trincher K S 37207
Trinchieri P 31657 42545 42645
Triner L 38236
Trinidad C C 12978
Trinidad J C 8006
Trinidad S S 23502
Tripathi R C 16328
Tripod J 9549 13466 21599 36573 44939
Tripoli C J 17640
Tripp L 16174
Trippel O H 11783
Triska H 46011
Tristan T T 11770
Tristram G R 13719
Tritapepe R 51984
Trites D K 4706 28208
Tritsch H 3203 49841
Trivas J 47435
Trivedi B N 13706
Trivedi J C 4201
Trivella P 6784 6785 29559
Trivellato E 36587 36588
Trivellini A 42575
Trivelloni J C 44597 44599
Trnavská Z 46127
Trnečka J 23601
Trnka V 38273
Trnka Z 54386
Trnovec T 30956
Troccoli M 32467
Trocellier R 26246
Trode H 27500
Troedsson B S 1481
Troell L 52711 52712
Troen P 17060
Trofimov G K 18901 18904
Trofimov L G 23271 33478
Trofimova E M 55202
Trofimova L Ia 36373
Trofimova L Ia 55194
Trofimova N D 29555
Troian G A 20276 34649
Troian H A 29550
Troia F 6401
Troisi F M 9370
Troisier O 21412
Troitskaia S A 47880
Troitskii G V 1734
Troitskii R A 5996
Troitskii V B 18868
Trojan E 42887
Trojan K 30019 34172 48625
Trojanowski A 20460
Troll W 46887
Trolle D 7474
Trolle E 43247
Tromba F G 12752
Tromp S W 24178
Tronche 47466
Tronchet J 24774
Tronchetti F 31691
Tronconi G 24955 24956
Tronczyńska J 30318
Tronge C L 5216
Trounier H 36936
Tropea F Jr 635
Tropeano L 13102 37342 37343 37355 37356 37357 44808
Troshin A S 49573
Trostina A S 45146
Trota J E 31586
Trott N G 39120 42952
Trotta E 3911
Trotter h. 723
Trotter W D 5826
Trotter W R 15058
Trotter W Y 19830
Troum N 27524
Troupová R 43085
Troupp H 11864 47363
Trout E D 31488 53738
Trouton D S 17054
Troutman J L 22588
Trowell O A 13226
Troxel W 14351
Troxler F 39247
Troy C A 42101
Truant A P 1447
Truba I V 34636
Trubnikov A I 10899 43382
Truby F K 29832
Truc 41481
Truc E 41471 41475 41476 41477 41483 42535
Trucco R 10434
Trucco R E 1709
Truchanowicz Z 33732
Truchaud M 12992
Truchot B 41473
Truchot P 41473
Truchot R 48881
Trudinger P A 13828
Trüb C L 25221
Trüb C L P 24229
Trübestein H 15855 45259
Truedsson E 54801 54907
Truelove S C 14251 48330
Trüpel K A 42276
Truex R C 12933
Trufanov A V 22689
Truffert J 39352
Truffert L 3055
Truhaut R 982 984 3037 17927 26310 47429 47430 54298
Truitt E B Jr 8498
Trujillo C 25934
Trujillo-Cenóz O 34438 55623
Trujillo Ibarra C 21128
Trulson M F 24374 24987
Trulsson E 21808
Trum B F 6995
Trumble E A 10113
Trumbo R B 54668
Trummert W 19392 52262
Trump J G 13241
Trunin M A 33208
Trunk J J 53616
Trunnell J B 40590
Trupin K M 13821
Trusheikina V I 37188
Trusler G A 14667 34961 54701
Truss F 29094
Truszczyński M 29513
Trutnev V K 9891
Trutneva E A 39333
Trutschel W 35592
Trygstad C W 27402
Trygstad O 10367 54982
Trzcińska-Dąbrowska Z 28850
Tsai C 27319
Ts'ai P K 38402

Tsai S H 24729
Tsai T L 23816
Ts'ai Y H 2867
Ts'ai Y S 38408
Tsaig B A 45145 45193 46319
Tsakhaev N Ts 52872
Tsalenchuk Ia P 41661
Tsalikis J 17939
Tsaltas T 5012
Tsamboulas N 49687
Tsanev B 16418
Tsanev B G 16417
Tsang K C 10472
Tsankov I 28708
Tsankov L 32818
Tsao D P 50258
Tsao T C 9607
Tsarikovskaia N G 53462
Tschabitscher H 10998 22753 33866 45932 45954 46052 52227
Tschapke H 28063
Tschesche R 27093 46165
Tschetter C N 54596
Tschetter N 46924
Tscheuschner I 46240
Tschiassny K 46490
Tschirgi R D 12483
Tschirren B 53254
Tschudin A 43813
Tschudy D P 14753
Tschumi P A 16782
Tschumy W Jr 1173
Tsekov T I 32791
Tsel' E A 55329
Tsellos C G 3176
Tsen C C 28275
Tseplite R K 6044
Tseraidis G S 10834
Tserling G I 19123
Tsetsulesku A 55245
Tsevrenis H 10325
Tsfasman A Z 53451
Tsibulevskaia F S 55808
Tsikora I L 1754
Tsimbler I V 7901 9917 20286 45254
Tsiminakis J C 33867
Tsinzerling A V 33268
Tsinzerling V D 33263 33267 33272
Tsirlina F G 45152
Tsitouris G 31291
Tsivilashvili A S 45898
Tsivil'ko V S 34737
Tsivil'ko V S 46303
Ts'o P O 47948
Tsofina L M 48042
Tsokova-Mitrova D 32775
Tsolov N 32818
Tsonchev I 16431 32768 32802 45314
Tsonchev P 28743 41591
Tsou C L 21725
Tsou H W 38389
Tsubaki T 19790 41192
Tsuchida R 39454
Tsuchiya F 16800 16801 33443 45579
Tsuchiya T 55431
Tsuda J 40426
Tsuda K 14912 14913
Tsū T Y 39951
Tsugawa K 35296
Tsuiki S 10385
Tsuji F I 5151
Tsuji M 435
Tsuji S 24728
Tsujimoto H Y 7168
Tsukada Y 5490
Tsukahara I 24108
Tsukamoto S 16473
Tsukamura M 16803
Tsukanova A A 55235
Tsukerberg L I 45733
Tsukiori N 26786 26787
Tsuman V G 18216
Tsumita T 13758
Ts'ung P 45743
Tsurai I 45665
Tsurufuji S 2817
Tsurumi N 22916
Tsuruoka N 49665
Tsutsui J 44650
Tsutsul'kovskaia M Ia 34762
Tsutsumi S 4333
Tsvetaeva T A 10801
Tsvetikov A N 40499
Tsvetkov I I 45162
Tsvetkova G M 45141
Tsyan-Sue-Shan 46777
Tsygankov G M 28826
Tsyganov A I 55236
Tsynkalovskii R B 1751
Tu C S 38411
Tunev S M 18901
Tuan L Y 38383
Tubaro E 48102
Tubbs R 23355
Tubiana M 1459 21285 21361 21362 41390 54298
Tubiana R 54134
Tubiash H S 12279
Tucakov J 1068
Tucakov Y 8314
Tucci G 3860 39762 39767 39770
Tuccimei T 53802
Tuchel N 9484
Tuchmann L 4818 51368
Tuchmann-Duplessis H 3076 15085 15650 26664 26736 26754 26810 26911 38631 48792
Tuci P 1497 25537
Tucker A L 35928
Tucker B 18409
Tucker D A 24432
Tucker D N 5266
Tucker E M 4156
Tucker H E 40340
Tucker R 46992
Tucker S J 40350
Tucker S M 13421
Tucker W B 916 20892 24723
Tuckman E 14316
Tuddenham W J 16176
Tudhope G R 31593
Tudor R B 5285 41046
Tudoranu A 31134
Tudvad F 10601
Tudway R C 14144 18704
Tümer A. 33006
Tünnerhoff F K 37013
Türi E I 31237
Tütach C 16385
Tuft H S 53058
Tuft L 15929 16520 36240
Tugan B O 54013
Tuggle J M 6520
Tuggle S 17576
Tuhy J E 12341
Tukalło K 20412 43629
Tuke W 18405
Tulácek J 2742
Tulczyński M 8144
Tulczyński M 43639 43659
Tuller E F 49350
Tullis I F 29761
Tullis J L 4499 4500 11747
Tullis L H 12432
Tullner W W 31432
Tulloch J A 22715
Tulpule P G 16300 16301
Tulsky E 50596
Tultchinsky-Goldstein S 49832
Tulzer H 55740
Tulzer W 33825
Tumanian M A 11468
Tumarkin A 5288 50748
Tumarkin R I 11485 51936
Tumen H J 35678
Tummillio M 46925
Tůmová B 38166
Tumová Z 34684
Tum-Suden C 17933 17934
Tunaru C 9462
Tunbridge R E 20350 53276
Tuncali M T 23516
Tunçel Ş 22370
Tunevall G 32213
Tung C L 48682
Tung F C 2850
Tung T C 38402 54425
Tung Y F 54425
Tunin D 13388
Tunioli A M 43474
Tunis M 2694
Tunturi A R 35832
Tunstall M E 48336
Tuomioja M 24841
Tuovinen P I 36047
Tupman G S 54189
Tupoleva Iu A 28805
Tupper C 45276
Tupper C J 17588 45276 47208
Tupper W R C 14728
Tuqan N A 13163
Tur A F 7919
Tur M M 53047
Tura S 3592 16031 39658
Turai C 6933
Turanli I 35265
Turano A F 3162
Turano C 36804
Turba F 25886
Turbak C E 23009
Turbes C C 19807
Turbiglio P C 52098
Turcato C 29567
Turchetti G 1916 36049 39349 39358 49598
Turchetto E 2497 2498 2508 14521 37320 37321
Turchini J 19360 54889
Turchini J P 15133 15134
Turco F 54205
Turco G L 6949 29717 29718 42736
Turcot R 41914
Turcotte M R 31463
Turcu E 6590
Turczyński T 30898
Turek B 26531
Turell D J 4852 53574
Turell R 11817 22066
Turesky S 40774
Turetskite T A 45201
Turiaf J 2487 9628 31074 37912 37919 43734 44158 50553
Turin R D 51052
Turinský J 38225
Turk D C 48504
Turk J L 40063
Turkina L P 55239
Turle G C 17749
Turnbull J H 47969
Turnbull R B Jr 9835 22102
Turnell R 22085
Turner C N 6477
Turner C P 3191
Turner C W 15604 15605 31345 31439 31456
Turner D A 521 40315
Turner D L 13386
Turner D W 50894
Turner E 17550
Turner E L 16633
Turner F C 2720
Turner F J 41036
Turner H C 21668
Turner J A 34984 50281
Turner J C 13803 44068 52392
Turner J C Jr 54722
Turner J E 1342
Turner J F 1638
Turner J G Jr 12497
Turner J J 38556
Turner J W A 26136
Turner K J 2545 2546
Turner L 44111
Turner L W 12725
Turner M 3349 42181 47097
Turner M D 3371
Turner M E 31300
Turner N C 17200
Turner P A 5625
Turner P P 3394 48195
Turner R C 49052
Turner R D 5932 55032
Turner R F 16619
Turner R H 4378
Turner V 25177
Turner V C 4311
Turner V H 38564
Turner W J 34903
Turner W K 16226
Turney M F 5854
Turnley W H 45091
Turova F D 43536
Turpin A 47411
Turpin R 9637 14423 23726 25500
Turpini R 50455
Turrell E S 4380
Turri E 1883 1884 37499
Turri M 37301
Turrian H 39921
Turrisi E 9291 13983 13984 13985 39362
Tursi F 36204
Turski C 53153
Turtola V 36033
Turtz A I 674
Turtz C A 674
Turula K 24863 36112
Turunen A 36016 36022
Tuset J 31995 43117
Tushingham G 81
Tushinskii M D 33472
Tusini G 6286 41395

Tustin F 37577
Tuszkiewicz A 15205 30801 30802
Tuszkiewicz A R 8247 31515
Tuszyńska S 24066
Tuteur W 4635 12603 27970
Tuthill S W 5297
Tutin 36059
Tutin M 32398 32399 39489
Tutochkina L T 6641
Tuttle L 31282
Tuttle L L 12835
Tuttle L L Jr 34979 35934
Tuttle L W 34843
Tuttle S G 51921
Tuttle W M 5399 5898 41453
Tuttle W W 28117
Tutton G K 14148
Tuturugă I 6589
Tuveri A 21435 42578 54223
Tuvo F 27329
Tu Vu H 35373
Tuyns A 35498 35499 35503
Tuzikov A V 55257
Twaddle J A 51319
Twedt R M 44107
Tweeddale D N 7645 52839
Tweel L H van der 30652
Twitchell H H 6768
Twombly G H 35863
Twrdy E 33829
Ty M Jr 14748
Tyan M L 13166
Tyberghein J M 6747
Tybusz R 29517
Tychinin V A 22691
Tyczyński Z 8100
Tye M J 36338 43152
Tygstrup N 22452 32229
Tyler C 48239
Tyler D W 787
Tyler E A 5304
Tyler E T 13209
Tyler F H 43 3355 11631 12802 29532 29533
Tyler H R 7399
Tyler J M 54406
Tyler V E Jr 9580 12475 16719
Tyler W J 11940
Tyler W S 40417
Tyminski W 53219
Tymoszewska B 30804
Tynda J M 24999
Tyor M P 31299 43123
Typovsky K 30699 35038
Tyrer J H 36976
Tyrer T L 29301
Tyrkkö J 36115
Tyrman J 29502
Tyrrell D A 5631 8487 10460 21526
Tyrrell S 785
Tysebaert J 9498 35500
Tyśper Z 30788
Tysset C 47387
Tyszkiewicz E 48811
Tyszkiewicz S 20189
Tyszkiewicz Z 53140
Tytell A A 39296
Tyuma I 50070 50071
Tzamalukas G 38432
Tzamouranis G 825
Tzetzu I 9070
Ubalton S P 8685 8687
Ubbink G J 52516
Ubilla V 21189
Ubysz-Jerzmanowska K 29500
Ucha Udabe M 53365
Uchida S 16445
Uchida T 4345
Uchimaru F 2828
Uchitel' I Ia 3409 55771
Uchiyama H 28556 28697 41489
Uchizono K 50067
Udall R H 12734 28183
Udalov Iu F 13857
Udel'nova I M 19100
Uden N van 40834
Udenfriend S 6754 13402 13691 17940 28969 40546 44974 50453
Udin M 37906
Udrescu S 31137
Uebel H 36952 45590
Überall R 11049
Überberg H 24912
Uebermuth H 15302 23235 38878
Ueda K 18158
Ueda Y 2826 14921
Ueding B 28944
Uedinova A V 20301
Uehara Y 16472
Uehleke H 46172
Uehlinger A 9538
Uehlinger E 28075
Uehlinger E A 15755
Ülker N 55086
Ünver A S 16360
Ueta T 19557
Uexküll T von 362 10291 53596
Uffelie O F 43584
Uffelmann R 2579
Uffmann J 3755
Ufford W J Q van 12180 24320
Ugarriza R 8833
Ugazio D 8977
Ugelli L 19250
Uggeri B 31650
Uggeri C 42628
Uglov F G 10747
Uglova T 28774
Uglum J R 691
Ugocsai G 11198
Ugoleva N A 55320
Ugolini F 53824
Uhde H 22350
Uher J 38270
Uher M 11850 25357
Uhl E 16386
Uhl G 36503
Uhlenbruck G 27892 27919
Uhlenbruck P 18946
Uhler I V 17873
Uhlíř K 34363
Uhlíř M 38269
Uhlmann E M 9997
Uhlmann W J 16104 42300
Uhma C A 38037
Uhr J W 28326 28327 47563
Uhr L 33434
Uhrbrand H 22431
Uhry P 31096
Ulbe P 38881
Uichanco L 626
Uihlein A 31469 46477
Ujházy V 30017
Ujlie Y 22259
Ukholina R S 19108
Ukita T 14930
Ukolova M A 13870
Ulagay I 52270
Ulan M S 27929 49972
Ulbrich F 55678
Ulbricht W 30562
Uldrich J 9452 38113
Uldry R 20613
Ule G 35586
Ulergi G 41904
Uleri G 19156 24940 24941 51968 51969
Ulewicz K 33814
Ulfendahl H R 45361 45363
Ul'ianinskii L S 48034
Ulick S 33063
Ulin A W 635 10086 16511 28139 54686
Ullerich K 26184
Ullery J C 832 12422 20102 24504 30935 54716
Ullik R 45979
Ullman G E 31334
Ullman M 12630
Ullmann L P 40704 41354
Ullmann T 27785
Ullmann T D 38515 51101
Ullmo A 2415 2416 2419
Ulloa A 36913 41167
Ullrich G 11025 55410
Ullrich J 13379
Ullrich K 30539
Ullrich K J 30535 30536 30537 30538 30563 53078
Ullrich W C 31362
Ulm A H 34977 54698
Ulm R 18993 33823
Ulmer W 11251
Ulrich E W 47619
Ulrich J A 53733
Ulrich P 43946
Ulrich W 46139
Ulshafer T R 17599 52321
Ultmann J E 2702 38088
Ulubor O N 51816
Ulutin O N 2075 22369 45483 55084
Ulytina P D 7182
Umanskaia M V 1732
Umanskii A A 45155
Umanskii I I 31212 31224
Umanskii K G 34714
Umansky S 39132
Umbach W 36490
Umbarger H E 28259
Umberger C J 10138
Umberger E J 39201 39202
Umdenstock R 53388
Umetani N 49662
Umezawa H 16798 16804 16806 24997 40427 40428 40431
Umezawa S 16805
Umidova L Sh 51746
Umiker W 10699
Umiker W O 35653
Umiński J 33700 33707 33704
Umland C H 23297
Umnova M A 8259
Umrikhina A V 25907
Unal B 22072
Unander-Scharin L 43189 46661
Unat E K 22370 22383
Underdahl N R 4649 12751
Underdal R 50369
Underwood B 16582
Underwood B J 5046 5053
Underwood C H 22730
Underwood E A 48197
Underwood E J 36989
Undritz E 21629 21630
Undrits V F 55221
Undurraga O 3175
Ungar F 47973
Ungar G 13150 52371
Ungár I 6343 23170 43443
Ungari C 25578
Ungeheuer E 49085
Unger A 5919
Unger H 47653 47686
Unger H H 12953 35771
Unger H M 520
Unger L 1135
Unger L 13147 43350
Unger L J 15728 50208
Unger R H 27247 45099
Unger S M 35866
Ungerleider J T 50904
Ungern-Sternberg F W von 10303
Unglaub W G 24376
Unher M 17621
Unna K R 5745 5747 20784
Unnik J A van 52474
Unterberger S 25341
Unwin M 4891
Upchurch W E 18147
Updegraff T R 17540 42154
Updike E H II 12518
Uphoff D E 44103
Upholt W M 11603
Upmalis I H 54728
Upshaw H S 4908 40240
Upton A C 1772 2681
Upton G V 25425
Upton J R 10460 10990
Urai L 14315
Uranga J 8982 26716
Uranga Imaz F Jr 49165
Urasinski I 6872
Urbach F 11582 23367
Urbach H 33906 46567
Urbach H G 27893
Urban J A 48536
Urban N 19310
Urban-Urbantschitsch R von 22861
Urbančík R 12819
Urbanke A 6295
Urbano U 39661 43338
Urbanová S 21576 44873
Urbanowicz H 43651
Urdan B E 38575
Urdapilleta V 8679
Urech E 42406
Ureles A L 1289
Urey B I 7541
Urgell Roca J M 225
Urgoiti E J 8988 26720 43877
Üri J 7186

Úri J 36949
Uribe F 37256 37263
Uriburu J V 1831 25954 32424 39102
Uricchio J 46931
Uricchio J F 2904 15550 35634
Urich H 5496 17742 53510
Uriega y Rodriguez I 6619
Urinson R M 8265
Urist M J 35775 46458
Urist M R 15610 43273 48773 48777 50214
Urman H K 12751
Urmer A H 4936
Uro J 9230 53413
Uroić B 29913
Urquhart G M 20704
Urquhart J 12549 39211
Urreis-Zavalia A Jr 26069
Urrutia Ruiz M 39623
Ursin-Holm A 54971
Ursing B 43230
Urso L 47500
Ursu A 24277 28858
Urtubey C 32443
Urvoy 31997
Urvoy M 43745
Urwitz S 32990
Uryson S O 1729
Usacheva E M 45752
Usai Gallardo A 8055 20402 30678
Usandivaras A M 8217
Usandizagua J 26251
Usandizaga J A 224
Usbeck W 35580
Uschakow G K 11133 46124
Useros P 41468
Ushakov A A 10894
Usher F C 34978 34979 35934
Ushiyama J 12482
Usinger W 30490 30491 30492 30493 30576
Uson A C 880 12657 52672
Usova M K 34748
Uspenskaia M S 51754
Uspenskaia V D 33560
Uspenskii Iu N 49569
Ustimenko L L 22563
Ustinov E E 55799
Ustinova L A 54567
Ustvedt H J 22233 22242 45417 54953
Usubiaga I 7588
Usubuchi I 39454
Uszycka K 43646
Utahara R 16804 40431
Utahashi T 4344
Utech H 49027
Utekhin B P 49554
Utekhin E V 10796
Utendorfer R W 42812
Utkin V V 31198
Utkina R V 15763
Utley M D 50862
Utley M H 28570
Uttal W R 17082
Utter M F 1257
Util K 2803
Utz J P 4482 15924 31367 35714 44123 52644
Uuspää V J 42954
Uvarov B S 18187
Uvarova O A 25853
Uvarova Z S 7927
Uverskaia V T 33243
Uvnäs B 322 35390
U-Wey-Haung 46777
Uys C J 12259 54498
Uytdenhoef A 25398 35490
Uza G 31126
Uzcátegui A J 8949
Uzelac V S 23870
Uziak S 31519
Uzman L L 1364 1365 50923
Uzunov G 32736 45291
Uzzan D 28363 50558
Vaalasti T 36002
Vaamonde C A 29372 42234
Vaamonde R 29539
Vacca C 19226
Vacca G 42620
Vacca M 17990
Vaccarezza J 0719
Vaccarezza R A 21038
Vaccarezza R F 31016
Vaccari F 42663 48064
Vaccarini G 25588
Vaccheri M 13130 27752
Vacek M 2798 38356
Vacek R 31797
Vacek R M 38364
Vacek V 26563 38110
Vacek Z 54579
Vacher (Mme) 36137
Vacher B 47387
Vacher-Lambert (Mme) 47462
Vacheret G 31993
Vachiani H D 15508
Vachon A 6323 18558 36648
Vacirca M 25604
Vacl J 22996
Vacogne J 47462 47463
Váczi L 7714 23766 23771
Váczy L 3751
Vad E 10651
Vadász E 37240 46134
Vadimov V M 51758
Vadkerty T 23778
Vadoud Seyedi B 11951
Vadra J E 9708 32453
Väänänen P 36024
Vaedtke J 30865
Vänngård T 13786
Väntinen S 23883
Vaerman J P 15014
Vaernet K 24060
Vaeth J P 17360
Vaeye J 35277
Vágás E 42459
Vaglini F 48111
Vágner B 20844 35416
Vago A 37530 42795
Vago C 38666 39269
Vago O 23216
Vago T 16086
Vague J 36069 51470
Vaheri E 278
Vahlensieck W 11328
Vahlhaus E 25899
Vahlquist B 32838 32840
Vahora A A 41315
Vahouny G V 12576
Vahouny G V 31379
Vaidya K A 21711
Vaidya M G 40369
Vail D 11713 12442
Vail G E 50154
Vailhe J 45025
Vaillant 14446
Vaille C 21761 32402
Vainberg B G 55820
Vainberg L I 18272
Vainberg Z S 45596
Vainio T 3502 24815 24850
Vainshenker E G 43378
Vainshtein M A 34671
Vairo M L 4712
Vaish R 23126
Vaishnava S 40100
Vaisler L 53450
Vaisman A 8253 15099 24805 31501 47381
Vaisman I Sh 55775
Vaisman S 33068 52614
Vaissmann I 44375 51634
Vajda G 7708 20169 49366
Vajda J 35373
Vajić B 39707 39708
Vajs E 10914
Val B R 32467
Valagussa L 37163
Valame V P 4201
Valassi F 32131
Valberg L S 6621
Valdagni C 13124
Valdecasas F G 36938
Valdés S 21101
Valdes-Dapena A 23435
Valdez F 27582
Valdi F 44330
Valdivia E 754
Valdivieso R 8906
Valdivieso Delaunay R 21200
Val'dman A A 33483
Valdoni P 29675
Valducci E 248
Vale W A 29335
Valée G 49644
Valembois 43767
Valencia del Riego J J 6619
Valensi A L 6379
Valensi J G 22386
Valent M 14807
Valente M 43460
Valente P 3963 8599 9309 20986 39683 44334 44342 53778
Valenti C 6743
Valenti S 3883 24922 52018
Valentin B 29291
Valentin G 32859
Valentin H 18970 18972 46199 52226 55746
Valentine E H 12792
Valentine G 47314
Valentine G H 20072
Valentine R C 5096
Valentinene A B 22565
Valentino V 35407 54222
Valentová M 38344 48649
Valentová V 9489 9490 9491 21556
Valentsov A I 51212
Valenziano J O 17509
Valenzuela A 4237
Valenzuela D 53322
Valenzuela E 8914 21178 21192
Valenzuela J S 28576
Valerio M 19253
Valerio V 9285 19257 42743
Valerio V M 13983 13989 54207
Valeriu A 21304
Valette F 47478
Valette G 1063 26759 26760 36176
Valeyre J 15212
Valiente S 21180
Valière-Vialeix H 13062
Valigura la S 9875 18259
Valingot C 3149
Valk L 52502
Valk W L 55030
Valkenburg C T van 7312
Val'kov M I 45871
Valkov V S 53562
Valla A 31989
Valla O 20632
Vallada H P 39992
Valladares Y 6569 18816 18817 18818
Vallade L 998
Vallan L E 565
Vallance-Owen J 6127
Vallancien B 26845
Vallarreal L 5581
Vallat J N 27328 44752
Valle A A do 36896 36898
Valle J R 16485
Vallecillo L A 1795
Valledor T 53888
Vallée A 3066 47410
Vallee B L 4749 7407 7416 30097 40665 52359
Vallee G 38778
Vallega L 7754
Vallejo J 53965
Vallejo-Freire A 15661
Vallejo Nágera A 2950
Vallery-Radot P 9625 26177 31079 43969 43975 44791 53395
Vallesi R N 37310
Vallet P G 6390 18616
Vallet R 47447
Valletti B S 27107
Valletta J 15207
Valletti L 25579
Valli G 36794
Valli P 1503 6913 42593
Valli R 41479
Vallin J 9644
Vallin Y 35118
Vallon M (Mme) 36670
Vallve J 3133 26252
Vallyathan N V 3455
Valoroso L 6795 6796 6797 13986 13987 39362 42675
Vals G H van 26006
Valsecchi A 37452
Valverde Garcia F 53923
Vályi E 7680
Valzelli G 7249 13972
Valzelli L 32338 37353 37354 37447 37449 37450 37480
Vamberová M 31785
Vámos G 45475
Vámos L 13080
Vanacore C 20817 32108 32109 39765
Van Alphen G W 34920
Van Arnam C E 24572

Van Arman C G 5744 41283
VanArsdel P P Jr 4394 55352
Vanbellinghen P 12272
Van Beneden J 35494
Van Bogaert L 265 4128 9142 39036 44729 44738 44739 52908
Van Breeman V L 15686 32628
Vanbreuseghem R 10513 36201 37792
Van Bruggen J T 13406
Van Buren J K 2887
Van Buren J M 48133
Van Camp K 35525 35530
Van Campenhout E 26196
Van Caneghem D 23895
Van Cauwenberge H 9083 14662 26204 34997 35224 38770 38771 48908
Van Cauwenberghe R 11939
Vancea P 25508 36145 36149 43343 43353
Vancini B 3876 25634 25635 27357 27359 27613 27614 36798 36799
Van Cleve J V 50677
Vancourt R 51145
Van Creveld S 1029
Vandaele R 36515 36522
Vandam L D 1218 47587
Van Damme O 5011
Vandaworker D 49950
Van de Calseyde P 7478 28172
Vandecasteele J 29134
Van de Erve J 34857 46395
Vandekar M 26041 37061
Vandel A 5799
Vanden Bergh R 35234
Van den Brenk H A 2053 42959
Vanden Bril P 54314
Vandenbrouck C 1018
Vandenbroucke J 10343
Van den Driessche J 32925 32926 32943
Van den Haag E 54400
Van den Hoven P 42060
Vandepitte J 36199
Vandeput C 35513
Van de Putte H O 25400
Vandeputte M 1079 1080 23647
Vander A J 5271 12328 28637 31390 35790 35791 51070
Vander J B 46989
Vanderbilt C 17076
Vanderborght H 1074 5549
Vander Eecken H 35236
Van der Geld H 51919
Vanderhaeghe F 21286
Van der Hart M 10961
Van der Hoeden J 40942
Vanderhoff G A 4859
Vanderick F 36197
Vander Kamp H 42156 50444 53615
VanderKlish J E 27936
Van der Kloot W G 17981 49370
Vanderlaan W P 49257
Vanderlippe R H 4378
Van der Meer C 45039
Vandermeersche G 16952
Van der Meiren L 32918
Van Der Merwe S B 37644
Van der Noen H M 5407
Vanderplas J M 31560
Van der Schalie H 14472
Vandersmissen H 36615
Vanderstappen G 23715
Van der Stricht J 1449 23925 35056
Vander Veer J B 24429
Vanderveiken F 2307
Vanderveken J 213
Vanderwinkel E 27409
VanderWoude R 54600
Van de Velde R 50554
Van de Voorde H 259 24124
Vande Wiele R 31457
Van de Woestijne K P 37041 47909
Vandiest L 4331 21594
Van Dilla M A 20926
Vandiviere H M 12818
Vandone G 3542 39318
Vandra E 12807
Van Duuren B L 5438 17772
Van Duyn J 41098
Van Dyke D C 49264
Van Dyke H B 15620 15621
Van Dyke H H 12934
Vane J R 48221
Vaněček J 38230 38231
Vaněček M 38242
Vaněček R 44868
Vaněčková O 36004
Vanegas H 44551
Vanegas Amado H 8822
Vaněk J 32292 55638
Van Erp Y 7873
Van Erpecum C P 32315
Van Eschen W L 50171
Van Eyck 13077 13078
Van Eyck M 11717 23897 23899
Van Eys J 28270 28576 40556
Van Foesan D D 16836
Van Gehuchten P 35234
Van Gelder D W 50188
Van Gelder N M 50919
Van Hagen F 54709
Van Handel E 41030
Van Hattum R J 20667
Van Heerswynghels J 2293
Vanherrewege R 35520
Van Heyningen R 1636
Van Heyningen W E 52352
Van Houte O 184
Van Hove R 11861
Van Hoven R C 47079
Vanier J 1452
Vanina L V 45108
Van Itallie T B 55289
Vánkos J 13081
Van Ky Tran 26829
Van Lancker J L 1386
Van Leent J P 42104
Vanlerenberghe J 3088 3089 26827 54903
Van Leuven M 1614
Van Liere E J 31427
Van Lingen P 9778 32487
Van Loghem J J Jr 10961
Van Maren H 36345
Van Mechelen V 35502
Van Meter W G 70
Van Middlesworth L 9564 49257
Vann L S 7212
Vannas M 23841
Vannas S 23843 23866 23884
Vannatta E E 40375 40376
Van Ness G B 50289
Vannini P 25645 44328 47822 47824
Vannotti A 2372 14414 15023 39856 39859 39867 54361
Vanoni R P 42787
Van Orden P S 43169
Van Ordstrand H S 2941 46407
Van Ostrand J R 7447
Van Overbeek J 54418
Van Oye E 1081
Vanpeperstraete F 26890
Van Pinxteren J A 7963 7964
Van Reeth P 46617
Van Riel J 13687 26181
Van Rooyen C E 9558 14704
Van Rycke J 6351 6352
Van Rymenant M 23668
Van Sande M 26776 35253 35525
Van Scott E J 28440 28443
Vanslype J 11293 44781
Van Sonderen J 37037
Van Sonsbeek J J 7962
Van Stacy J 1624 1625
Van Steveninck R F 19596
Van Straaten (Mme) 31905
Van Thiel E 23648 23649
Van Tienhoven A 35807
Vantov M 32764 32807
Vantrappen G 8484 39460
Van Vunakis H 45831
Van Wagenen G 49501
Van West A 24629
Van Wien A 35055
Van Winckel H 23932
Van Winkle Q 25160
Van Wyke J 932
Van Wymeersch H 1077
Van Ypersele de Strihou C 8997
Vanýsek J 14503
Van Zile W N 41256
Van Zile Hyde H 10681 32781
Vaquette A 9254
Vara P 3945 24800
Varadi S 2068
Várady Z 24011
Varagić V 14125 14135
Várallyai I 52911
Varangot J 15094 15095 15124 26255 28669 53030
Varaprasadam D B 40656
Varas A 21191
Varasdi G 2055
Varay A 43987
Varco R L 5884 22069 28021 29749 30098 41269 47575 54662
Vardi K 27783
Vardosanidze E Sh 22702
Varela G 8838 8902 8903 25674
Varela J E 44426
Varela M E 21044
Varela de Seijas J 44479
Varela De Seijas J R 8807
Varela de Seijas Aguilar J 21113
Varela Parache J J 44529
Vareninov A A 49573
Varfolomeeva A A 28403 34621
Varga B 7186
Varga E 43424
Varga F 1318 16275 43010 43452
Varga G 41060
Varga I 29176
Varga K 3751
Varga L 34288 51418
Varga M 45372
Varga Z 20164
Vargányi M 46107
Vargas F R 53970
Vargas L 8900 8901 26395 27525
Vargas Basurto F R 8960 8961
Vargas Rubiano A 44553
Vargas Zalazar R 31879
Vargha G 41620 52221
Vargha M 46049 52568 52695
Vargosko A 38609 50186
Varma R P 5171
Varma T N 16901 52421
Várnai I 24032 30511
Varnauskas E 4660 26494
Varner J E 3491
Varnovitskii G I 5962 10819
Varola F 52013
Varró V 11168 15940 43423 52568 52896 52926
Varshaver R A 18220
Varshavskaia D Ia 10942
Varsos A 26498
Vartanian V E 9865
Várterész V 32654
Vartia K O 10065
Vartiainen A 24005
Vartiainen E 36042
Vartio T 24849 24862 24872 27285
Vas G 52912 55555 55717
Vasallo P 8838
Vasama R 24822 24845 24861
Vasama, Raimo 23550
Vasama, Ritva 23550
Vásárhelyi P 23704 25290
Vasario U 19180
Vasass J 48073
Vasconcellos C 8787 36900 51640 53881
Vasconcellos D 8758 16135 21064
Vasconcellos J 20552
Vasconcelos J F de 40225
Vasconcelos Frazao J 21150
Vashchenko M A 46345
Vashetko V N 46309
Vasicka A I 7616
Vasilenko A G 51931
Vasilenko V S 18884
Vasilescu C 31133
Vasilescu N 9472
Vasilescu V 41329
Vasil'ev A I 49542

Vasilev D 32747
Vasil'ev I M 25911
Vasil'ev Iu M 13862 20198 55325
Vasil'ev T V 22506
Vasilev V 16428 32785
Vasil'ev V A 31199 51206
Vasileva B 45316
Vasil'eva I N 55838
Vasil'eva L D 33656 34671
Vasil'eva N A 45118
Vasil'eva N N 41509
Vasil'eva V A 33288 33289 33290
Vasil'eva V F 12170
Vasil'eva V M 23269
Vasilevskii G K 12159
Vasiliu T 6933
Vasiliu V 9462 9482
Vasiljević D 9967 52239
Vasil'kova K I 18224
Vasil'kova Z G 51736
Vasilov S I 12165
Vasina S G 18882
Vasiutinskaia E M 33563
Vaško A 42975
Vaskov L 32739
Vašková M 38309
Vasojević S 21950 27870
Vázquez J M 50086
Vasquez J R 51622
Vassal P 44765
Vassallo M 49595
Vassallo E 8464 8468 20905 20907
Vassar P S 46492
Vasselin M 15884 31086 49733
Vassella F 16381
Vassena E 6957 29723 42770 42780 52932
Vassilev V 13063
Vasta M 16008
Vasterling H W 15419 15976 23226
Vastine R J Jr 16593
Vasudevia P 40081
Vasvari J 44573 52927
Vathy I 3649
Vatolina V M 45651
Vatteroni M 9402 54247
Vatulina A I 46346
Vaucel M 1093
Vaudour P 28358
Vaughan D A 727
Vaughan D G Jr 54799
Vaughan G F 20577
Vaughan J 14141 29806
Vaughan J A 23301
Vaughan J H 5154
Vaughan J W 51301
Vaughan L N 727
Vaughan M F 52363
Vaughan Williams E M 14127
Vaughn A M 35877
Vaughn I R 12651
Vaughn R H 47631
Vaught R 46916
Vaultier R 8255 26209 26210 31480 53439
Vaurs R 54466
Vauzanges B 25459
Vavalà V 52028
Vavilin G I 25731
Vavilova M P 18865
Vavrik Zh M 41508
Vawter G F 36279
Vayo J M 8679
Vayson de Pradenne H P 36178
Vaysse J 9012 36670 40651
Vaz A 4180
Vaz E J 4212 4213 27981 27982 27983
Vaz J M 30880
Vaz V 16142
Vaz W C 18822
Vázquez A 8902
Vázquez J 13901
Vazquez J J 11761
Vázquez M J 43849
Vázquez V 1818
Vázquez Leiva A 8840
Vázquez Perez E 21128
Vázquez-Rocha M 12997
Veach G E 15543
Veale A M 7195 36978
Veall N 14150 32702
Veatch R L 17592
Vecchi G P 3074 25620 42617 42635
Vecchietti G 52104
Vecchio F 20205 43469
Vecchione C 13469 54299
Vecchione P 9284
Vecchione R 8604 9310 20983 20990 44335 53771
Vecchioni M 52037
Vecko J 9450
Vécsei A 23119 27742 34443 34444 41640
Vécsey J 22208
Vedel-Jensen N 23878
Veder H A 7321
Vediaev F P 49545
Vedmedenko A T 22566
Vedra B 38275
Veen J van der 547 7297 43037
Veeneklaas G M 4023 18573 43077
Veer M van der 10965
Vega I 44494
Vegas M 3672
Vegeto A 51961
Végh L 23740
Vegors H H 12729
Vehaskari A 36043
Veberi E 49605
Veiga A A 16126
Veil C 38725
Veillet A 3044
Veilleux R 31117
Veirs E R 33023
Veis R A 36374 39339
Veisfeiler Iu K 9886
Veisman Iu A 45776
Veit H 11077 23086
Véjar Lacave C 8226
Vekhnovskii G L 45643
Vekaler Ia I 7782 27313
Vekua M A 18868
Velardo J T 13194 49509
Velasco A 21197
Velasco C 3690
Velasco J A 39909 53946
Velasco R 19784
Velasco Suárez J 15494
Velasque P 26484
Velásquez L 32431
Velchev V 41577
Velcoff S M 46586
Veldee S 13766
Velden W H van der 30004
Veldhechi F A 34780
Veldkamp W 4568
Veldstra H 37104
Velek M 38344 48649
Velez M M 8850
Velhagen K 49021 51258
Velican C 31115 46549 48202
Velican D 31115
Velican D 46549
Velicangil S 36424 45452
Velichenko V M 51188
Velichkina S N 22523 22526 44019
Velichkova D 20723 20745
Veličković R 30093
Velický J 31167
Velikan K 9243 9244 49785
Velikanov K A 45605
Velikii F L 45768
Velikodvorskaia G A 10936
Veling W F 4524
Vella E E 10974 41418
Vella F 2160 6482 7214 52361
Vellar O 22234
Vellay P 15177 15178
Velle W 11907 35100 35101
Velley G C 15107 15125 26816
Vellieux M 1471 20128 51514
Vellios F 12472
Velluti G 26636
Vellux L 38672 38687 38705 48793
Velo E 52123
Velosa A 54695
Veloso A 12207
Vel'tishchev Iu E 20272
Velu H 9168
Velu M 32012
Velu P 32012
Velutini L A 21170
Velz C J 35840
Venables P H 2580 17349 50845
Venchikov A I 3579
Venclík H 11135
Vencovský E 2752 2759
Vendel S 22439
Venditti J M 5434
Vendrame E 3894
Vendrell-Torne E 44521
Vendrely C 3506 15078 26860
Vendrely R 3506
Vendrely R 15078
Vendrik A J 16829
Vendryès P 9026 44605
Venedey M 54945
Veneranda A 8057 42625
Venere G 29563 42636
Venet L 11591 48410
Venezia R 30454
Venge I 3181
Venieri Z A 34776
Venitskovskii-Zolotykh Iu V 51757
Venkataraman A 49998 49999
Venkataraman P R 20723
Venkatesan C 17825
Venkei T 3213 15292 48074
Vennart J 42982
Venner B 18758
Venner H 34232
Vennesland B 4775 4776 16930 40498 49471
Venning E H 3009 24982
Venrath H 18970 24232 46199 52226
Vensi E 25656 36820 36821 52113 52119
Venslauskas M I 47986
Ventimiglia C 1097
Venton-Gough J H 20377
Ventrubová M 14896
Ventruto V 53588
Ventura J 8697 49379
Ventura J C 25947
Ventura L 9305 21504 24933 44843
Ventura M 6815
Ventura S 21004 27762 42601
Venturelli I 15891
Venturi R 9359 26602
Ventzke L 33065 37225
Ventzke L E 50730
Venuto L 6517
Venzoni M 52026
Veppo A A 31007
Veprovsky E C 24513
Vera C L 5508
Vera M 21189
Vera M 21203
Vera R 8945
Vera S 8691
Vera Céspedes I V 21149
Verace V 13514 27634
Veraguth P 31621
Verain A 26856 38695 38802
Verain, Alice 26859
Verain, André 26859
Veran P 15222 38801 43750
Verbenko A A 18258
Verbiest H 15832 49632
Verbit S 15262
Verbrugge J 6288 21580 23660
Vercauteren R E 49304
Vercellotto P 15193
Vercellone A 52088
Vercillo L 16023 27751 27763 29704 39774
Vercruysse J 14427
Verda D J 7010 14334
Verdeaux G 44200 54088
Verdeaux J 44200 54088
Verdecchia G C 42722
Verdejo Vivas G 47304 47306
Verdi G P 25987
Verdiev G Iu 41546 45189
Verdonck P J 51408
Verdonk G 35489 37027
Verdoorn J A 6331
Verdoux P 30448
Verdú R 9715
Verdura G 42782 42796
Verdy M 10658 38010 48529
Vereckei I 11163
Vereckei S 27451
Vereecken P 27348 49615
Vereerstraeten P 39263
Verel D 38622
Vereninova N K 55794 55795
Vereshchagin A G 37138
Vereshchagin N K 49529
Veress E 51428

Veress O 24019
28795
Veress S 41990
Veretennikova V P 32545
Verga A 6945
42781
Verga L 21009
27755
Vergani F 39526
Vergani L 6909
Vergara A 8799
Verge J 26900
32044
38635
47408
Verge W 10664
Verger 5318
41104
Verger P 30451
54084
Vergés Llardent R 23915
23920
Verghese S 40915
Vergnano C 1984
37511
Vergoz 24240
Vergoz L 974
Vergroesen A J 7351
Verhaart W J 7354
23552
24074
49633
Verhaeghe M 29135
29137
Verhave T 8353
13433
Verheugt A P 14965
Verheye H 1082
Verhoeff F H 46469
Verhoestraete L J 14476
Verhoeven A F 12031
Verhulst H L 4084
4517
5705
Verin M 50769
Veringa H A 7140
Verjaal A 7308
7327
Verjans H 23660
Verkhatskii N P 45120
Verkhovskaia I N 48042
Verkhovykh F P 9884
Verley R 38734
44745
Verlicchi L 3547
Verlick S F 40505
Verlinde J D 7311
49634
Verloop E 30635
Verloop M C 21648
29393
43050
Verly W G 42969
42970
Vermassen A 13084
25491
Vermeil C 38760
54615
Vermelin H 9048
27719
44634
54056
Vermeulen A 214
1627
47913
Vermenouze P 43954
Vermiert V 9514
Verna F 26616
38547
Vernár H 14872
38126
Verne J 7755
26897
38675
Vernea J 47452
Vernejoul de 51445
Vernejoul R de 41405
43983
Verner J V 573
Vernet-Cormubert G 38656
Vernette-Turand M 47325
Verney E 46502
Verney E B 35579
Verney N 26075
Vernhet J L 54677
Vernier C M 40745
Vernier R L 167
40817
43487
Vernikos J 19496
46588
Vernon C R 43254
51122
Vernon L P 1358
Vernon S 830
Veroft R 35053
Verolini F 31728
Verona O 47406
47654
Veronelli J C 20639
Veroux G 39676
Verplanck W S 17346
Verrastro T 8735
Verrière P 51384
Verriest G 257 20119 24882 35236 35237 43349
Verry E 30932
Verschoof K J 29992 30005 30008 30012 35143 49818
Verschuer O von 34194
Verschure J C 29966
30009
Versé H 34098
Vershilova P A 55789
Vershinskii B V 12122
Vershyhora A E 29557
Versie J 51062
Verso M L 18733
Versteeg J 7311
Versteegh R M 20539
Verstraete M 10343
25835
45000
Verstraeten A 24126
35511
46726
Verstraeten J 12986
28227
Verstraeten J M 1616
24126
46403
46726
Vert P 25482
Vértes B 7715
Vertongen P 44882
Vertue H S 16056
Vertut J 51493
Vervaat M T 35210
Vervoorn J D 33136
33141
33144
Verwey W F 13338
Verwilghen A M 10515
Véry G 30231
Verza G 53754
Verzár F 23549
27566
27568
55068
Verzeano M 21697
Verzhblovskii M V 3825
Verzilova O V 11521
Vescia A 37123
Vescovo R 13108
Veselinov E 38311
Veselkin P N 33490
Veselkina T A 31193
Veselský J 11844
Veselý J 23175
38351
Veselý K 38261
38264
Veselý K T 38107
Vesenjak J 18517
Vesin P 2491 9639 31985 31986 37923
Věšín S 14888
Vespignani A 53751
Vesselinovitch S D 19470
38087
48980
Vesselle B 13083
Vessereau A 38782
Vest M 13428
21621
25848
54378
Vestad E 54983
Vestal A 16207
40022
Vestal B L 36317
54750
Vestby G W 35439
Vesterdal J 10639
35445
Vestita G 53685
Vestuto L 39520
Vetere 36235
Větrovska G 26569
Vetter H 32686
32702
Vetter H F 29433
42945
Vetter K 11172
Vetto R R 1247
Vettori G 6901
Vevera E 13374
36464
Viadro M D 22627
Viaggio J A 50626
Vial J 36575
37849
Vial J D 16948
Vial-Weissenbach C 26978
Vialatte J 47386
Viale S M 1845
Vialla M 18008
Viallat M (Mme) 32410
Viallefont 7065
7069
Viallefont H 7062 7076 14506 54117 54118 54119 54120
Viallet M 24256
Viallet P 24256
32395
Vialli M 47799
Viallier J 3099 3100 24779 24786 26689 26690 26865 26874 26921 29138 32061 43779 47770 48879 48889 48890
Vian 24293
Viana J C 53849
Vianello A 2975
Vianna J B 13599
Vianna T 42193
Vianello E 53828
Viar W N 47277
Viard H 36652
41397
Viaseleva S M 11479
11480
Viaud J 7758
Viazov O E 45630
Viberg L 35270
Vicard A 54129
Vicari C 31703
Vicario D J 8676
8680
21795
Vicencio A B 35782
46485
Vicente 43961
Vicente L F 53932
53934
Vicente Carceller M 38537
Vicente Jordana R 29535
29536
29537
Vichi G 24965
Vick E H 24644
Vick R L 51074
Vickers C L 4621
4623
28188
Vickers C W 29750
Vickers H E 8113
Vickers M 50764
Vickery A L 49254
Vickery F E 16673
Vickery H B 40471
40481
Vickery M K 7531
Victor [illegible] 50799
Victor [illegible] 46444
Vicuña J P 53964
Vicuña X 21191
Viczián A 11404
23207
27530
Vida M 46192
46196
Vidal 429
41475
41476
41477
Vidal B 3634
14365
15898
52051
Vidal J 18607 19356 19357 19358 19359 53235 54476
Vidal P 54039
Vidal Y 19366
19367
19368
Vidal-Barraquer F 51365
Vidal Colomer E 44503
Vidal Freyre A 8727
Vidal Jiménez M 39972
Vidal-Naquet A 42016
51474
Vidart Megget J 1560
Vidarte Zabala M 4063
Vidaurreta A 20649
Videau H 24248
Videau J 400
402
411
30468
Videla A 8206
Vidic E 36958
Vidik T V 33303
33304
33305
Vidoni G 30330
Vidović M 23685
Vidrine A Jr 3523
Viduta V K 21922
Viefhues H 20096
Viefhues T K 10298
24274
Vieillefosse R 36178
Vieira J A 16475
Vieira O M 8764
Viel G 37847
Vielmetter W 55561
Viernstein K 18982
Vierthaler R W 22841
Vies J van der 43028
Vieten H 9999
39382
Vieto P L 5598
Vieta H R 22910
43135
Vieu J F 34503
Vieuchange J 47384
48041
Vieux M 31478
Vieville R 54125
Vigan M de 3034
Vigderman D L 16675
Vigiani E C 9584
Vigilev N S 3832
Vigliani E C 40112
Vigliani G A 21007
Viglioglia P A 3346
Vignais P M 5488
Vignais P V 1672
Vignal A 48819
Vignalou J 2475
54897
Vignati P 3915
20183
Vignau A 33068
52614
Vigne J 10968
Vigne J P 26931
26932
32948
Vignec A J 28596
Vigni R 48104
Vignolini R 42653
42678
Vignolo S 29627
Vignolo W H 950
Vignolo-Lutati U 52035
Vignon G 9235
40463
40464
41938
Vignot [illegible] 1005
Vigo [illegible] 18617
Vigoni M [illegible] 11857
Vigouroux M 54075
Vigouroux R 9156
19771
19774
31990
Vigue R F 4637
Viguers R T 16226
19296
42850
Viguié (Mme) 21306
Viguié R 32374
49154
Viikari S 24833
Viikari S J 24824
24825
Viitanen I 23960
Vijayvargi R 4191
Vijayvargiya R 49993

Vijver A E van der 7306
Vijver A E van de 43031
52509
Vikhert A M 25727
Vikhriev B S 45869
Viksnin Iu C 41499
Vikterlöf K J 32644
46720
Vila E 8732
Vila Hernández J A 18837
Vilain J P 48899
Vilain R 13027
38772
Vilanova X 336 341 16089 31059 35535 37885 48181
Vilar J M 53353
Vilar Bonet J 48744
Vilar-Sancho Altet B 23923
Vilares A do V 8662
Vilarrasa J 55000
Vilaseca J M 8884
Vilchis Villaseñor J 31865
Vildé L 32372
Vil'derman A M 31200
Vilenkina G Ia 55290
Vilenskii B S 28810
Viles F J Jr 46422
Viliavin G D 45679
Vilkki P 32241
Villa L 31733
31768
53797
Villa T 37430
37431
39364
Villa V G 8000
20140
Villace Sevillano C 13540
Villafañe I Z 39128
Villaggi Leiva J C 27232
Villako K 18896
Villalba J 8928
Villamil A 9709
Villamil E F 30994
Villamil E J 32426
Villamil M F 21040
Villani O 49402
Villani R 37459
37460
37461
37462
Villanueva B 2929
Villanueva J 8002
Villanueva Edo A 8804
Villanyi A A 52943
Villar 2012
2016
Villar T G 29358
Villar-Palasí C 8859
13799
Villar-Palasí 37125
Villari C 13650
Villari V 1880 9352 9365 37369 44822 44823 54242
Villarreal H 3677
3680
3682
Villarroel Rodríguez C 38528
Villaverde M M 38534
Villavicencio C 19780
19781
Villavicencio G 30238
Villavicencio J L 22004
52643
Villaviciencio L 53976
Ville A 26323
Villedieu P 51372
Villedrouin J 13074
13076
Villee C A 730
30431
Villee D B 30431
Villegas A H 8164
Villegas R 17327
Villela A A 16132
Villela Pedras J A 52097
Villemin J 9254
Villetorte M P 27951
Villiaumey I 50356
Villiaumey J 40459
Villnow J 25793
35918
Vilmar W 19338
Vil'ner L M 55782
Vil'shanskaia M L 34644 34679 55785 55818 55847
Vilter R W 33038
50704
Vimtrup B 18425
Vinař O 26518
Vinařický R 48630
Vinařova M 26518
Vince D J 26429
Vincendeau J 41134
Vincendon G 19480
Vincent A M 48858
Vincent D 1064 7762 25820 26884 32929
Vincent D J 28186
Vincent G 15490
Vincent G Jr 41434
Vincent H C 4566
Vincent L C 9181
54132
Vincent M 36190
Vincent M C 1064
Vincent N A 2042
Vincent P 30473
30475
30483
Vincentelli A P 19227
Vinciguerra A 42540
Vincze E 45467
Vinding T 45808
Vinditti D 26610
Vine L L 40413
Vineberg A 2604
48499
Vineberg S E 51118
Vines R 51538
Viney W 4946
Vinijchaikul K 51314
Vinikoff M R 32538
Vining L C 37978
Vinit F 10221
Vink H H 25151
25997
Vinnik L A 51205
Vinnikov P L 45184
Vinograd J 47948
Vinogradov A V 52975
Vinogradov I E 5998
41549
Vinogradov N A 48665A
Vinogradov S I 10895
Vinogradov V V 10748
44019
Vinogradova O I 5983
Vinogradova O M 9846
21903
22160
Vinogradova T P 45756
Vinogradskii A B 48005
Vinokurova V A 6042
Vinot G 53376
Vinson L J 4558
Vintemberger P 3042
15143
26703
26704
Vintera J 38315
Vintilă P 43999
Viola A R 8680
Viola N 43925
Violante A 15016
37371
37372
Viole 6392
Violette 179
Viollet P 28682
28683
Virágh S 43445
52900
Viranyi A 12255
Virat B 3066
Virdis G 7749
Virelles F 21162
Virgili A 18536
Virgili C 15893
15899
Virgilio R 36833
36834
Virginia, Sister 40010
Virkkunen M 24105
35222
35476
Virka J 9261
Virosub I D 34754
Virtama P 35476
Virtanen A I 32307
Virtanen M 27287
Virtanen O E 49210
Virtue R W 30417
Vis K van der 20530
Visakorpi J K 27297
32224
Visca A 51956 51957 51962 51967 52114 52116
Vischer A L 33553
Vischer E 1032
35559
Vischer W A 25810
32306
Vischi N 3311
Visco S 45450
Visconti A 7735
Visconti C 27205
Visconti L 13509
Visconti W 3877
Visentini P 52003
Visetti A 19170
Visetti M 6824 29591 29593 42555 42558 42559 52005
Vishevnik I Z 33213
Vishnevskii N A 33517
45715
45885
Vishniac W 19639
Vishniakova E G 55330
Vishniavsky S 16087
Visintin B 31719
53814
Visotsky H 46452
Vispo R H 766
Visscher M 6973
35802
44116
Visser D W 48573
Visser T 40529
Viste M 26230
Viswanathan R 17435
Vit H 28934
Vít Z 38187
Vita G 1943
25700
Vital A 27725
Vital Brasil O 44471
Vitale A 1521
Vitale J J 40571
Vitale L 8579
Vitale M 42539
42551
42651
Vitali M A 13928
Vitamia P 223
Vitebskaia K S 34805
Vitebskii Ia D 5949
33609
45774
Vítek V 39266
Viterbo B 55631
Viteri F 50960
50959
Vitéz I 25228
Vitiello M 30676
Vitiugov I A 45760
52860
Vítková E 38120
Vito C 42671
Vitolo E 54309
Vitorović M 30092
Vitovská A 43095
Vitovský M 38101
Vitry G 15132
Vittay P 29168
Vitte G 54115
Vitti T 49176
Vittori 51383
Vittoria G 54226
Vlukari M 54647
Vivar G 1818
Vivell O 25284
34067
34104
Viven J H 26879
Vives Jordán M 42209
Vivian V M 50967
50968
Viviani C 7726
52930
Viviani O 19263
Vivielle 407
Vivien 31997
Vivien J 37915
Vivien M 37915
Vivien P 2474
31996
37915
43745
Vivori C 25565
Vix V A 29758
Viscarra C C Jr 8001
Vizioli R 7739
Vizkelety T 7718
Vlach V 38336
Vlad C 9477
Vlad P 30415
Vlad R 34059
Vladimarov V 32816
Vladimirov B D 22688
43632
Vladimirov Iu A 25915
Vladimirov K V 5951
Vladimirov V 16419 16420 16422 16423 32751
Vladimirskaia E M 48045
55177
Vladkovskii I K 28815
Vladov N 32762
Vladyková J 38303
Vlasovitch B 15134
Vlašák K 38333
Vlasov N N 33250
Vlasov V K 51214
Vlasova N A 34806
Vlatković G 30095
Vlavianos G 53611
Vlčková M 14897
Vlieger M de 29965
Vliers M 26204
34997
38771
48908
Vliet A G van 52535
Vlk J 38223
43014
Vlodavets V V 34662
51938
Vlyssides Z 26276
Voci I D le 53848
Voci V 14523
Vodennikov N A 33192
33193
Voegele G E 24097
Voegeli R 16369
Voegtlin R 10039
45916
Voelckel J 6421
51513
Völcker A 46146
Voelkel A 26994
Völker A 6082
Völker W 23060
34234
47724
Vömel W 23003
Vörös J 23779
vörös-Felkai G 23774
Vörösmarthy D 28906
Vogels-itap-poport (Mme) 37854
Vogel A 30270
30715
32310
Vogel E 34053A
Vogel E H Jr 12274
17913
Vogel F 54198
47649
48122
Vogel F S 2467
Vogel G 30499 30500 30504 41735 41736
Vogel G R 17809
Vogel H 2469
10505
33128
Vogel H H Jr 31609
Vogel M 44286
Vogel R 25455
Vogel R A 1272
36330
Vogell W 9976
Vogelsanger G T 43840
Vogl A 11383
37757
55730
Vogralik M V 32863
41657
Vogt A 39967
Vogt H 36463

Vogt J H 10360
Vogt K E 42910
Vogt L 3273
Vogt M 14217 35082
Vogt P 52349
Vogt P H 7263
Vogt W 20320
Vohnout S 2748 38123
Voicoulesco V 9139
Voiculescu M 6585 34059
Voiculescu R 9462
Voigt G 15328 23971
Voigt G E 23944 23967 23970
Voigt H E 25347
Voigt J 19372
Voigt K 23593 33974 34008
Voigt K D 197 35121 49263
Voigt R 30637 43596
Voina A 9475
Voinesco S 11985
Voipio H 21996
Voisin C 21398 32071 32388 54165
Voisin G 37929 37930
Voisin G A 47561
Voisin H 6423
Voisin J 26358
Voisin R 21403
Voiss D V 440 441
Volt K 10290
Voitkevich A A 13580
Voitik V F 28027
Vojíř R 24083 48640
Vojnović E 39711
Vojta M 30263
Vojtechovský M 14867 24084 26518 39266 48643
Vojtek V 25476 30447
Vojtíšek O 2749 35206
Vojtíšek V 14771
Vojtová B 34139
Vojtová H 26567 38167
Vokáč V 31783 48630
Vokaer R 24147 29989 31896
Vokhnout Ch 28769
Vola A 19237
Vola J 44651
Volcani B E 40520
Voickmar H 28920
Voldoire A 427
Volejník J 38337
Vol'fberg E D 12138
Vol'fedorf N Iu 41699
Vol'fson N I 55324
Volgarev M N 9894
Vollanskaia E A 18890
Volicer L 38225
Volk B W 3423 34023 46921
Volk H 12575 20900
Volkert M 35360
Volkin E 13754 22605 27406
Volkmann E 23193
Volkmann J 777 11325 15305
Volkmer E 46575
Volkmer H 23640
Volkov Iu N 10767
Volkov K D 52867
Volkov S I 10887
Volkova A V 43538
Volkova E M 33641
Volkova L P 33222 33225
Volkova L S 45630
Volkova M A 9904
Voll A 43240 54952
Volle H 2384
Vollenweider R 1833
Vollmar J 40709
Vollmayer E 1399 22591
Vol'man L C 31221
Volná G 38324
Voloshchenko A A 33299
Voloshchuk B M 18198
Voloshina U A 10879
Volosunova N P 55240
Volotov A N 31223
Volovik A B 53033
Volpato C 37307 37308
Volpert E 26792
Volpi I 6780
Volpi U 25969
Vol'pian E L 41537
Volpicelli M 30686
Volterra V 27665 32170
Volterrani O 42637
Voltini L 25556
Volus'ko D F 11498
Volzhina N S 10949
Von Bertalanffy L 14738
Von Braunbehrens 47691
Von Capeller D 562
Von der Groeben J 453
Vonderschmitt H 12880
Vondra J 14779
Vondrák Z 2756
Vondráková I 38315
Von Euler U S 320
Von Fieandt K 20869
Vonfrasenkel P H 15732
Von Haam E 507 2668 2670
Vonica C 25467
Vonk J T Jr 52510
Von Kaulla K N 18118 19700 41456
Vonkilch E 46015
Von Leden H 49607
Von Lorch L 31722
Von Schuching S 17583
Vonsiatskii V A 55327
Vontobel W 43815
Vonwiller P 46629
Voorhoeve P 26885
Voorhorst R 3758 3760 24314
Voors A W 10526
Vora D D 16303
Vorbrodt A 3485
Voreadis E G 20136
Vorherr H 13635
Voříšek V 2754
Vorlaender K O 12180
Vorob'ev A A 55778
Vorob'ev V A 33606
Vorob'eva L I 19101
Vorobiev A I 28201
Vorobjeva R S 28422
Voronchuk V I 10782
Voronenkova I A 48001
Voronetskii S P 46829
Voronkevich I V 45616
Voronkina E F 13576
Voronova N V 27307
Vorontsov A V 45689
Vorontsov D S 49547
Voropaeva S D 11476
Vorreith M 38101
Vorster R 16106 23224
Vortel V 45793
Vortman M G 31201
Vorwald A J 46414
Vos G H 36982 36983
Vos J J 16829
Vos O 41185 43045 43054
Vose G P 40576
Voskanov M A 18296 28817
Voskresenskaia I A 13578
Voskresenskaia T I 20201
Voskresenskii B V 34648 55788 55821
Voss D 42286 42287
Voss F 46137 11234
Voss H E 38946
Voss J G 28442
Voss R 54927 54930
Voss V H 45554
Vossaert C 21324
Vosseler A J 852
Vossenaar T 12707
Vossius G 53071
Vossschulte K 37003 45269
Vošta J 34519 38160 38161
Vostál J 38120
Vostal Z 38162
Vosteen K H 23027 33924 36440
Vozuka R 52929
Votava Z 26519 38234 38246 48580
Votchal B E 28805
Voth O L 1392
Votiakova E K 12126
Votin J 30289 37237 55708
Votočková J 38301
Votta R A 8708
Vourc'h C 47293
Vourc'h G 54154
Voûte P A 7317
Voutilainen A 27279
Vo-Van L 48919 48920
Vovor V M 26271 51439
Vovsi M S 33484
Vowell R W 51598
Vox C A 19228
Vozár L 53101
Vozdvigenskii S I 29129
Vozenilek L 28676
Voznesenskii A N 45737
Voznesenskii B B 3554
Voznesenskii N L 45724
Vozza R 19229
Vrabcová S 38130
Vrabec F 2098 21577 26065
Vrabec J 21577
Vrabec R 25358 39396 48612 50374 54946 55734
Vrabets F 22548
Vrána M 38300
Vratsanos S M 1394
Vrba C 47738
Vrba R 5476 7125 41202
Vrbová H 38229
Vrcelj S 21956
Vreeland E M 24490
Vrethammar T 5760
Vrhovac M 21951
Vries A de 23277 55878
Vries E de 9142
Vries H de 16402 26495
Vries J 43054
Vries L A de 29974
Vries M J de 41185 43046 43054
Vries P J de 19671
Vries S de 43355
Vries S I de 7313 7320 21647
Vrkič D 29396
Vroman L 54304
Vrono M S 34800
Vrubel J 21548 38137
Vrzalová E 48642
Vučičević M 51688
Vučo J 51087
Villers R 29433 42945
Vugt P J van 30013
Vuillaume R 6380
Vuillemey P 13073
Vuillemin-Weis J 37841
Vuilleumier M 30619
Vujadinovic B 54609
Vukadinović S 18515
Vukasović P 27680 27860
Vukobratović S 24315
Vukosavljevic F 21944
Vukotić D 21940 51720
Vukotić M 27680
Vukov B 21946
Vuksanović V 9960
Vukšić L 27856
Vulcan P 25294
Vulcănescu M 31133
Vulgaris D M 10265
Vulkov I 32747
Vulkov I N 32788
Vulliet 42441
Vullo C 43474
Vulotić D 9943
Vulpis N 43625
Vulterini S 30679
Vuopio P 24849
Vuori M 54495
Vural I L 31099
Vurbanov V 45280
Vuylsteke P 13685
Vuysteek K 1617
Vyaghreswardu G 16320
Vyas K J 40920 40927
Vyas P G 4201
Vyborov G P 55779
Vydrina N N 20294
Vyhnílek R 9438
Vyhnánek J 28901
Vykydal M 11296
Vymazal J 24069
Výmola F 45793
Vyrbanova-Angelova A V 11513
Vyrshikovskaia M F 10809
Vysamiae A Iu 33600
Vyshegorodtseva V D 33221 33239
Vyshepan E D 33566
Vyskočil J 14884
Vyská B 28417
Vysotskaia N B 3559
Vysotskii B V 34624
Waaler B A 25836 35187
Waaler E 23933 23945
Waaler H 48402 48403 48404 48406
Waalkes T P 44139
Waard F de 35088
Waard T de 7326
Waardenburg P J 18568 52502 310
Waart C de
Wable S M 18510
Wachholder K 43573
Wachholz P 4259
Wachsmann F 29159 39394
Wachsmuth W 35974
Wachstein M 699 28391 35655 35704
Wachtel E 24138 31894 55073
Wachtel U 13373
Wachter J P 23293
Wachtl C 24573
Wachtler F 41772
Wack H 33948
Wackenheim A 8242 10032 18016 41371 54100
Wacker T 32329
Wacker W E 7407

Wacker W E 7418
30097
Wackernagel H 40196
Wada H 31345
Wada T 49662
49663
49664
Waddams A 15058
Waddell J L 41343
Waddell M A 47585
Waddell W R 29527
43151
47582
Waddell W W Jr 22585
Waddington C H 4979
4980
Wade A 44855
Wade A E 12727
Wade H E 37076
Wade L G 4240
Wade M A 3926
Wade O L 38619
Wade P A 53053
Wadeson R W Jr 74
Wadham B M 41426
Wadja Z 53160
Wadkins C L 40528
Wadlington W B 5712
Wadman S K 15799
29976
Wadström L B 23690
44898
Wadsworth G 9570
Wadsworth J A 12438
Wadsworth R C 41100
Wadsworth W V 18452
Waelder R 4303
Waelsch H 1395
5480
50922
Waez O 55096
Wagenaar R O 47628
Wagenhofer E 38332
Wagenmann U 29908
29909
Wager O 54494
Waggener R E 52457
Waggenspack C A Jr 28404
Waggoner D E 20898
Waggoner E 20898
Waggoner J G 41042
Waggoner L G 18480
Wagle G 31304
Wagle S R 4755
Wagley P F 10435
Wagman G F 34943
Wagman I H 5411
28303
Wagner B M 24434
38073
Wagner B P 49269
Wagner C J 40607
Wagner C L 20719
Wagner D 33949
Wagner D 39546
Wagner D H 54779
Wagner E 29111
54927
Wagner E B 23338
Wagner E D 24698
47261
Wagner E G 11081
Wagner G 20322
Wagner G R 442
Wagner H 1598 16389 18355 18990 27915 33962 34109 34133 47932 49819 49924
Wagner H G 681
Wagner H H 23031
23035
Wagner H J 35600
36496
36502
52215
Wagner J G 4568
5738
Wagner J P 20521
54607
Wagner K 52215
Wagner M 11795
12999
17501
43448
Wagner M J 31313
Wagner R 15430
18015
28595
42902
Wagner R M 52133
Wagner R P 40550
Wagner R R 2345
2346
Wagner S 46237
52166
Wagner V 34078
49358
Wagner W 11139
Wagner W A 20135
Wagner W C 48976
Wagner W H 25855
Wagstaff J K 49699
Wahba A J 13811
37093
Wahl P N 11758
40910
Wahl, Pashpati Nath 40910
Wahl C W 14354
Wahl J R 44290
Wahl M 15959
31068
37773
37920
Wahl P 26217
26261
Wahl R 9241
34490
36102
36103
Wahlberg P 4847
Wahlberg T 35458
Wahler H J 4384
Wahler H J 17184
Wahlig H 46141
Waigand D 25213
Wain R L 19644
Waine H 13632
Wainstein O 15405
Wainwright J 9776
Wainwright W W 52943
Wais S 15476
31801
Waisbren B A 1149
Waisman H A 19554
Waite B 10699
Waite R R 16488
Waitt P 7004
Waitzkin L 1168
Wakai C S 12220
Wakaki S 16802
Wakazawa T 40427
Wakefield G S 8286
18443
Wakefield J 53557
Wakefield J D 17775
Wakefield L 16255
Wakeley C 22276
Wakil A 44704
Wakil S J 37102
Wakim K G 12384
47783
48762
Wakisaka J I 47292
Waksman B H 5149 5150 8331 46406 50540
Waksman S A 13329
Wal A A van der 55871
Walaas E 320
321
Walaas O 320
321
27015
Walander A 35290
Waliaszewska B 30838
30844
Walawski J 24051
Walbaum R 51495
51497
Walbeek K van 52467
Walberg F 40733
Walch A 11992
Walch E 33959
Walcher D N 162
Walckhoff F 32404
Walczak W 34502
54389
Walczyński Z 20242
Wald B 32654
Wald F 16962
Wald G 9615 15701 17328 44947 52359
Wald I 30913
Wald R 26341
26817
Waldbott G L 4262
4268
39800
Waldeck B 46696
Walden B 31336
Walden R H 24686
24690
Waldenström J 11915 11970 27393 32252 39456 55069
Walder S 50622
Waldert Y 6351
6352
Waldman H 50908
Waldman S 12263
35703
Waldmann G 42243
Waldmann H 23227
Waldmann K 38944
Waldow A 2904
Waldow F 32961
Waldron A M 36258
Waldron C A 52843
Waldron C W 42817
Waldron D L 55804
Waldrop G M 35460
Waldschmidt M 25890
Waldschmidt-Leitz E 27917
Walendowska J 30814
Walentynowicz-Stańczyk R 33806
Wales R G 5779
Waley S G 1660
19527
Walford P A 8307
Walford R L 35660
Walichiewcz J 8073
Walk L 35433
Walk R D 4941
17089
50510
Walkenhorst W 13444
Walker A E 10483
Walker A R 2467
Walker B A 31645
Walker C J 11776
Walker D 2079
44129
Walker D G 5420
Walker D H 1133
Walker D J 1643
Walker D L 17249
Walker E L 5025
Walker G 24390
47242
Walker G F 14079
48177
Walker G J 52367
Walker G R 608
Walker H L 23339
Walker J 19456
24503
35750
48232
Walker J C 42998
Walker J C Jr 5211
30657
Walker J H 24654
Walker J M 48236
Walker K C 11603
Walker L M 40507
Walker M 27788
37077
48564
50155
Walker M H 4590
Walker N F 50379
Walker P M 3763
Walker R H 10458
22738
Walker R M 14790
18687
18709
Walker R S 26142
54436
Walker R V Jr 25053
Walker R W Jr 5063
Walker S A 41001
Walker S J 26417
Walker S M 47141
Walker W 10349
10962
33663
Walker W D 18751
Walker W F 2144
Walker W J 6435
Walkey F A 44262
Walkley R P 35839
Wall B D 19071
Wall C A 156
Wall D D 22166
Wall E T 19600
Wall J S 47120
Wall L C 6490
Wall M B 52836
Wall R E 28198
Wall R L 11624
Wall R L Jr 12392
Wallace A B 8037
Wallace A T 10533
Wallace E Z 50434
Wallace G 30181
Wallace G D 12790
Wallace H E 48262
Wallace H J 14087
20692
48339
Wallace H M 803
39297
40265
Wallace I L 24641
Wallace I R 14166
Wallace J 542
37743
Wallace J D 14978
Wallace J H 9571
Wallace S L 12338
Wallace W F 17971
Wallace W M 53000
Wallach D P 5738
Wallach J B 15551
Wallach M A 17094
Wallach S 24678
Wallén O 29910
54794
Wallenfels K 6094
Wallenstein S L 13456
Wallensten S 11868
Wallensten S 11877
11878
Wallenzius M 42245
Waller H D 18336
41744
Wallerstein R S 44235
Wallgren C G 10067
Wallgren G R 24887
47493
Wallgren H 44285
Wallgren S 7482
Wallin P 16503
Wallis C P 54588
Wallis G G 18076
41428
41429
Wallis P G 13415
Wallon E 27731
Wallon G 40065
Wallossek R 34285
Wallraff J 41748
55633
Wallrapp H 36447
Walls G L 694
Walls L P 7155
Walmsley C F 49276
Walmsley R 14028
Walpole A L 5648
29824
Walser A 30264
39890
40671
Walser E 51241
Walsh A M 13415
Walsh B J 18663
Walsh E M 20000
Walsh F B 26651
37015
47022
Walsh F F 23434
Walsh G W 468
Walsh J 1160
Walsh J F III 55029
Walsh J J 1273
Walsh J R 558
Walsh J W 52831
Walsh L 41214
Walsh P M 40509
Walsh R J 1128
42090
42137
Walsh R S 48163
Walsh T E 13481
Walsh W S 22105
Walshe F 19797
32083
44724
53067
Walshe F M 19809
Walshe J M 34889
Walshe B R 22045
47256
Walsmann P 27913
Walt E D van der 9828
Walter A 55490
Walter C W 6970
42839

Walter C W 52593
Walter F 19375
Walter F 29447
55615
Walter F X 26239
Walter H 50594
Walter J 7712
Walter J P 54617
Walter K 28951
Walter M 54079
Walter P 47358
46627
Walter R 51274
Walter R D 34981
Walter T 8068
31527
Walter W 5521
Walter W A 8445
Walter W G 50884
50885
Walters A 48486
Walters C L 27371
Walters C P 31420
Walters D 4863
35754
Walters J H 8299
Walters R H 4377
40752
Walters R M 50161
Walthall W J Jr 17335
Walthard B 31620
Walther C 27579
Walther D 23123
34451
Walther G 12101
Walther H 10306
Walther J B 30591
53081
Walther H 39065
39078
39088
Walther H J 43615
Walther L 10304
34588
Waltman C A 24207
Waltner J G 34928
Waltner K Jr 3464
23751
43428
Walton A 40798
49490
50526
Walton B C 880
24699
24701
Walton C H 44136
Walton D 17985
50839
50840
Walton G A 39180
39181
Walton H J 17760
Walton K W 4158
4159
Waltz H 42317
Waltzer S 19070
Walworth H T 12233
Walz L 12058
Walz W 46072
Walzer K F 51872
Walzer R A 47133
Wammock E 5207
Wamsteker H 29948
Wan T H 48681
Wandall H H 24163
Wandel H G 35260
Wander A 30608
30611
Wang C 27542
35726
38374
Wang C C 7929
23354
Wang C F 14937
Wang C H 2561
37979
40479
Wang C J 19455
52279
Wang C W 2857
Wang C Y 48682
Wang G H 5507
35833
50943
Wang H H 2923
Wang I 6197
40878
50584
Wang J D 5123
Wang K J 11522
Wang K T 32191
Wang L 47136
Wang M K 8044
Wang P N 26393
Wang S C 50938
Wang S H 14942
Wang S P 17479
38390
50191
Wang T H 2850
Wang T K 38404
Wang W C 22667
Wang W L 14936
Wang Y M 38382
Wang Y S 2850
Wangensteen O H 21990
Wanke R 22209
29063
49093
Wanko A 13184
Wanko T 11702
23429
Wannamaker G T 5525
Wanntorp H 28064
Wansbrough R M 50379
Wansker W C 17666
50804
Wantland E M 17222
Wantland W W 17223
Wantzen H C 32971
Wapner S 23417
Wappenschmidt J 2876
Waravdekar S S 41188
Warawdekar M S 27985
Warburg O 23059 23060 23071 23072 34233 34234 47724
Ward A A Jr 50949
Ward A H 30647
Ward B C 6196
Ward C W 8432
Ward G E 11808
Ward H P 17083
Ward H W 14072
17286
Ward J G 54714
Ward J M 48600
Ward J R 13628
Ward R 12972
30436
48189
Ward R J 40281
Ward T G 7953
Ward W D 13289
Ward W W Jr 41026
Warda L 33695
33736
34522
34523
Wardell D W 609
Warden A 44848
Warden M R 31640
Wardlaw A C 4155
40066
Wardyńska H 24064
Ware A G 30628
Ware C C 7237
Ware G W 3027
Wareing P F 7192
Waremboura H 32071
32917
Warfield M S 53
Warfolomejeva A A 23150
Wargin J I 10997
Waring G W Jr 28147
Waring J I 2340
Waris E 35166
Warkany J 28153
53113
Warman G A 49944
Warmbt W 36478
51263
Warnats H 38516
Warner C L 17911
Warner D E 12747
Warner R C 47715
Warner R S 12313
Warnery M 21403
Warnock C G 2027
Warr L C 5357
Warrack A J 54929
Warren A B 40827
Warren F L 7160
44038
Warren J 24427
47206
Warren J D 42141
Warren J M 5114
17356
Warren J V 14035
44787
Warren J W Jr 41017
Warren K S 40688
Warren K W 49719
Warren R 10100
52643
Warren R J 40352
Warren R M 798
Warren S 2361
9259
27069
Warren W D 54675
Warrick C K 37637
Warsa R 10514
41967
41968
41979
Warshaw L 40301
Warshaw T G 7449
7465
Warshowsky B 1311
25125
Wart T G 21668
Wartburg A von 49322
Warter P 18015
31060
35058
51368
Warter P J 18799
Warthin T A 29265
Wartman W B Jr 32346
Warvel J H 17458
Warwick E J 47624
Warwick O H 46744
Wasastjerna C 23962
Waschke G 12084
Wasdahl W A 12362
Waser P 40190
44919
Waser P G 39225
39917
Washbourn K 19610
Washburne C 8505
Washko F V 13728
Waxielewski E von 13653
33980
Wąsik F 44184
Wąsikowa R 7834
Wasmuth C E 12980
35980
Wąsowicz S 8091
Wasser R W 46881
Wasserburger K 32645
Wasserman E 1153
4494
Wasserman F 19861
Wasserman J 23977
Wasserman L R 50867
54304
Wassermann F 55624
Wassermann H P 21829
Wassermannová V 14828
14834
Wassileff I 34304
Wassilew T 15467
Wassink W F 52525
Wassner J 2870
Wassner U J 29077
54936
Wasz-Höckert O 21986
54645
Waszczenko E 7204
Waszkiewicz Golbe H 20193
Watanabe A 50066
Watanabe K 10395
16458
Watanabe R S 12973
Watanabe S 16465
Watanabe T 16448
16449
20556
Watanabe Y 10214
22071
40201
Watari H 26783
Watari T 39453
Water J 10027 10038 10039 10040 26946 31097 32022 38762 45015 45016 45017 54598
Waterborg H 7304
43030
Waterhouse C 5259
33073
Waterlow J C 55862
Waterman N 37806
Watermann R 7640
51823
Waters F W 2647
Waters H J 41089
Waters L K 40823
Waters W J 31337
Waterstradt A 39958
Waterworth P M 17710
Watillon M 35270
48401
Watkin D M 14743
Watkins A L 19875
36702
47898
Watkins C 28483
Watkins D H 11781
40317
Watkins E Jr 18129
Watkins G L 12708
Watkins H M 28435
Watkins J R 12759
Watkins L C Jr 23306
Watkins M 23517
Watkins R M 16264
Watkinson G 14252
Watkyn-Thomas F W 18685
Watman R N 10101
22050
27551
47255
Watrous J B Jr 40304
Watrous R M 40119
Watsa M C 16310
18408
Watschinger B 11005
55593
Watson A B 48260
Watson A J 2147
48s0
Watson A S 40154
Watson B W 8538
Watson C J 20726
30098
33061
44969
Watson D 28998
Watson D F 12770
Watson D W 12487
31351
Watson E H 7858
45568
Watson G 2132
Watson H 14039
Watson J A 34865
Watson J D 19512
Watson J H 15661
51565
Watson J M 2445
26397
Watson J O 16686
Watson J S 14963
Watson J S Jr 48704
Watson K C 9794
Watson K M 16781
Watson M 24498
Watson M L 40585
Watson P D 3389
Watson P S 30919
Watson R G 17409
17410
Watson R J 7847
24500
41264
Watson R N 46952
46953
Watson R W 37960
Watson T A 47589
Watson W 55423
Watson W C 14102
26142
Watson W N B 20878
Watson-Jones R 50386
Watt D C 41221
Watt J 7013
20257
Watt J K 26142
Watt M D 53705
Wattal B L 4163
4164
Wattenberg L W 47086
Watters N 2596
Watters T A 50759
Watterson R P 24716
Watteville H de 35120
Wattiker B J 52683
Watts C A 6141

Watts D T 47125
Watts G T 1212
47372
Watts H F 35659
Watts J W 12838
Watts M S 4483
Watts R M 3766
Watts R W 51031
Watts T D 45804
Watzke E 46181
Watzke R C 102
Waud D R 41284
41286
Waugh J M 11630
49698
54722
Waugh W 40640
Waugh W H 16838
Wauthier M T 31967
31968
54054
Waveren W F van 7318
Wawersich E 10338
Wawryk R 39632
39634
39640
Wawrykowicz T 53195
Wawrzyniak S 30868
Wawszkiewicz E J 47713
Wax J 13455
Waxenberg S E 50428
Waxman B D 35871
Waye J D 13678
Wayjen R G van 43034
52498
Wayl P 15547
54883
Wayne E J 37741
Wayne W S 20003
Wayoff 47404
Wayoff M 32001
47468
54114
Wayt L K 40418
Weale F E 4676
4677
Wear J B 11070
Weatherall M 5777
Weatherby H R Jr 13007
Weatherman H V 14548
Weaver J A 26036
Weaver J D 27961
53054
Weaver L C 4560
12756
Weaver N K 20511
Weaver O M 19814
Weaver R 36247
Weaver R H 50334
50335
Weaver R T 48497
Weaver W T 4518
Webb C 17367
Webb H M 12525
53115
Webb J A 848
Webb J L 48736
Webb J M 6750
Webb M 25872
25873
Webb M G Jr 40439
Webb N E 9842
Webb R B 15665
Webb R C Jr 21697
22060
Webb T 14621
14622
Webb W 11073
Webb W B 28204
Webb W R 8926
12554
15545
Webb-Peploe H 49976
Webbe G 25065
Webber I L 21876
Webber M 48423
Webber S R 52627
Weber A 4027 14368 14384 38719 39899
Weber B 8236 14379 24750 24755 26800 43968 47321 48869
Weber C M 35895
Weber E 29112
29239
34605
40402
Weber G 2704 3220 32z5 3229 16091 25292 34487 44920
Weber H 49308
49676
Weber H A 6662
Weber H F 46659
Weber H H 46570
Weber I 25279
Weber J 14368
14384
Weber K 31788
Weber K A 11401
Weber K F 23126
Weber K H 25789
54944
Weber L L 20091
38581
Weber M 27894
39067
Weber M M 21683
Weber R W 16617
Weber T B 17215
Weber W H 26444
Webley D M 17314
25870
Webster C U 18058
Webster C U 28982
Webster D 26145
Webster D R 47276
Webster F S 54719
Webster G C 4709
7234
Webster G V 851
Webster H D 26377
Webster J A 39192
Webster J C 5836
Webster J E 11649
19800
34692
Webster J R Jr 16599
Webster L T Jr 17571
34872
Webster M J 18048
Webster R A 14137
14138
Webster R C 24684
Webster R G 25782
Webster S H 55010
Webster W P 23462
Webster W W 35825
Wechselberg K 34054
34071
55504
Wechsler H 793
19902
52651
Wechsler I S 34890
Wecker E 55672
Weckman N 35443
Weckowicz T E 50848
Weckwerth V 803
Weddle E 16557
Wedemeyer F W 15983
Wedenberg E 35297
Wedenissow U 3901
Weder A 8138
53257
Weder C H 47589
Wedge B 21982
Wedgwood R J 11942
30433
Weech A A 11819
Weed J C 45087
Weed L A 47213
Weed R O 40675
Weekers R 26067
48401
Weekes D J 23456
Weekes L R 24517
Weeks B M 8528
Weel M W van 36868
52522
Weems H V Jr 21694
Weens H S 33099
46385
52625
Weerden G J van 19728
Weerden G J van 41952
Weersma M 15836
Weese K 34568
41894
Wegelius C 7481 26503 43641 47489 54497
Wegelius O 4847
10330
22230
35136
Wegener E H 29113
Weghaupt K 11031
22757
55370
Węgiełek H 7835
53194
Wegman M E 20257
43503
Wegmann R 3130
Wegmann T 15648
39879
54366
Wegner N 8421
Wegner Z 31540
33808
33813
Węgria R 2923
Wehlin L 35437
Wehling H 35583
Wehmeyer H 30543
Wehr K H 1585 13646 36926 36941 36955
Wehrenberg F F 17556
28470
41022
50675
Wehrle P F 25009
Wehrli F 16102
Wehrlin H 32334
45623A
Wehrmacher W H 8485
Wehrs C 18824
Wehrs R E 41044
Wehrung R 47680
Wei P H 2849
Wei W P 14933
Weibel J L 4634
Weibull C 5912
25107
37098
Weichardt H 23140
Weicker H 21639
41770
Weickert H 11158
Weickgenant C Jr 33124
Weicksel P 22344
34151
Weidel W 25109
Weidenhofer J 280
11996
Weidmann H 27854
39240
43013
Weidmann S M 17889
Weidner E 52229
Weidner G 7974
49888
Weigand H 1323
17245
47673
Weigel W 23612
Weigensberg B I 46899
Weigert E 8392
Weigl K 38340
Weigl V 46977
Weigle J 13801
Weigle W O 5147
17244
31356
Weihe K von 25305
Weihl C A 7650
Weikel J H Jr 36580
Weil A J 19880A
20756
13151
Weil E 27139
Weil J 25482
28370
28372
Weil P 10137
Weil P G 907
Weil T P 4114
49944
Weil W B 46403
Weil W B Jr 53000
Weil Z L (Mrs) 39743
Weil-Malherbe H 13692
17735
Weiland I H 8383
Weiler E 26277
Weiler T J 5995
Weilerstein R W 11610
Weill F 54617
Weill J 8246
31904
54140
Weill J D 26936
37834
38761
Weill J P 10033
32022
45017
Weilland C 22224
Weille A S 13291
Weille F L 13291
29255
Weiller P 29138
Weimann G 34027
Weimann H 42298
Weimann S R 16129
Weimer H E 3522
15012
58086
Wei-Min 48010
Weinbach E C 47936
Weinbach E P 50678
Weinbach R 54382
Weinberg B J 24419
Weinberg E D 12282
17316
39291
51482
Weinberg H 50405
50504
Weinberg M Jr 145
46510
Weinberg M S 636
Weinberg S R 5917
18144
50211
Weinberger H A 36331
Weinberger M A 11726
35763
Weiner A L 40320
Weiner B 17182
Weiner D 28189
Weiner I H 20561
Weiner I M 13174
Weiner J J 12583
12720
Weiner M 20742
Weiner S 31646
Weiner W 2228
Weinert S D 55028
Weinfeld H 2694
Weingärtner L 42391
Weingarten K 33868
36484
45955
Weingarten M 25043
Weinhold E 34488
Weinhouse S 3352
48576
Weinig E 27142
42945
Weinman D 43306
46063
Weinman E O 51068
Weinman J 12529
Weinmann H 19446
Weinmann J P 20157
35350
Weinmann S H 35118
Weinrauch H 40303
Weinstein A 28286
Weinstein A D 4385
Weinstein E A 34894
Weinstein G D 50648
Weinstein H I 1271
25002
Weinstein I 52848
Weinstein I M 31308
31335
Weinstein J J 24611
Weinstein L 17644
37905
Weinstein M 25056
32449
Weinstock I 41271
Weinstock I M 31372
Weinstock M 42974

Weinstock S 5043
Weintraub G 19877
Weintraub R I 1348
Weinzettel R J 40043
Weippl G 30048
30059
45936
48062
Weir A B Jr 18101
Weir A W 17844
Weir D R 49479
Weir W C 49479
Weirich E G 46132
46138
55478
55484
Weirich W L 22000
Weis D R 968
Weis I 36960
Weisbach K 46027
Weisbart M H 2905
Weisberg H F 54775
Weisberg J 5286
Weisberg R L 46869
Weisberger A S 4858
12305
38085
Weisberger D 54761
Weisbrot I M 28143
Weisburger E K 26454
Weisburger J H 26454
Weise H J 12088
22981
Weisel W 54702
Weisenfeld S 1593
50434
Weiser H H 1308
25160
Weiser J 21079
Weishaar J 10017
23211
32634
Weiss, er B B 35898
Weiskrantz L 25981
Weisl B A 12405
Weisman E J 29139
Weismann-Netter R 43971
Weiss A A 4922
Weiss A G 16997
25456
54604
Weiss A J 1236
Weiss B 72
531
44962
Weiss C 49105
Weiss D L 171
12816
Weiss D W 10542
Weiss E 981 4014 4273 30582 32352 43575 50339
Weiss E S 470
Weiss F 7967 7970 7974 8378 20324
Weiss G 3981
Weiss H 1946
Weiss H S 50583
Weiss I 34221
Weiss J 531
5184
50019
Weiss J M 762
15562
24710
35896
Weiss K 39405
Weiss L 4048
13229
31128
51015
Weiss L B 16513
Weiss L L 92
Weiss M 15670
29045
38472
42506
Weiss M B 28179
Weiss M F 35658
Weiss M M Sr 4445
12316
Weiss M M Jr 4445
12316
Weiss N J 24582
Weiss P 4968
Weiss P J 13337
Weiss R F 29414
Weiss R M 156
Weiss S 531
7395
16919
Weiss S A 47525
Weiss S E 15006
Weiss S P 50430
Weiss S W 3195
Weiss T 38181
Weiss U 11201
Weiss W 1144 41037 46925 49774 54686
Weissbach H 6754
Weissbach H 13402
17940
40546
Weissbecker L 39056
Weissbluth M 8525
Weisschedel E 29035
Weisse H A 24498
Weisse R 34576
Weissel W 33829
46035
Weissenborn E 46108
Weisser H 55403
Weisskopf A 1180
Weisskopf-Joelson E 24092
Weissler A M 14035
Weissman A 662
Weissman I 22310
Weissman M 15039
Weissman P 44251
Weissmann G 5415
Weiss P 15721 29177 38259 43430 43434
Weitbrecht H J 49637
Weitnauer G 3535
Weitz W 46148
Weitzel G 32637
49922
Weitzman D 41872
Weizenblatt S 47028
Wejsflog G 30740
38458
38469
Wel W H van der 47840
Welborn K 12694
Welbourn R B 25035
37653
Welburn J C 24519
Welch C E 13321
22065
Welch C S 22093
43131
Welch H 25002
Welch H F 43131
Welch J S 3022
45073
Welch J W 17512
Welch K 16631
25976
Welch K J 18133
Welch M 28137
Welch R G 1417
Welch W H 48373
Welch S F 53649
Welcker E R 11156
Weld S L 634
Welford A T 29340
Welford G A 46080
Welfringer A 14358
Welin S 212
7093
Welkowitz W 14976
Wellens P 40469
Weller G M 24464
Weller J M 24432
47512
Weller P 6672
22957
Weller R A 37591
37592
37593
Weller R W 23515
Weller S 6713
19062
19376
42884
Weller T H 24428
28324
28325
Wellers G 3078
5764
Wellers G 5765
48064
Welles C 24523
Wellin E 16552
Welling W 19592
Wellings F M 40110
Wellings S R 38089
Wellington F M 47001
Wellington J S 11595
Wellock L M 20334
Wells A S 9790
Wells B G 14038
Wells B W 48172
Wells C A 47579
53280
Wells F E 25162
Wells G P 42995
Wells H B 12387
35836
Wells H H 4379
Wells N H 26137
Wells P O 31631
Wells R 6177
22298
26108
Wells W 941
Welner A 12529
Welner J 24075
Wels A 37230
48060
Welsch M 3125
32290
44683
Welsh H D 51554
Welsh H H 895
Welsh J D 17857
Welsh K 14657
Welsh R A 2895
47085
Welsh R I 9820
Welt L G 33066
Welt L G 35816
55141
Welt P 37954
Welti H 44784
Welti J J 1465
Welton E R 7267
Wemeau L 29137
41367
Wen C C 21727
Wen H Y 9607
Wende S 36483
Wendeberg B 35440
Wendel O W 2059
36349
Wendell-Smith C P 42994
Wender M 30076
32269
43675
Wenderoth H 18968
Wendl H K 12887
Wendland L V 48757
Wendlandt W W 19471
Wendler J 52204
Wendling R 39830
Wendt G G 34215
Wendt H 32643
Wendt I 55572
Weng P 45530
Wengen H C à 38449
Wenger F 21167
Wenger J B 54716
Wenger N K 12333
Wenger P 9124
Wenger R 11038 22827 23862 26501 55546 55547
Wengler G 12005
Wenig H 11450
55735
55748
55749
Weniger J P 26830
26878
Wenk E J 35704
Wenk P 15271
25301
Wenkam N S 27788
50155
Wenke M 1440
Wenkeová J 48635
Wenner C E 26463
Wenner H A 808
Wenner J 25278
34180
Wenner R 27700
43823
Wennersten J R 1278
Wennig F 6673
51805
Wennström K G 50950
Wensel R H 54687
Went F W 9550
Went H 3614
Went L N 18423
22713
Wentworth B B 44270
Wentworth F H 7853
44270
Wentz F M 20157
Wentzel A D 8022
Wenz W 29110
39397
41895
Wenzel D G 16720
40349
50252
50261
Wenzel E 44217
46088
46091
Wenzel S 45266
Wenzke F 12718
Wenzl M 6062
22210
Wepfer J F 12672
Wepman J M 5821
Werbeloff L 9803
Werbin B 39779
Werboff J 5458
Werder A A 10141
47560
Wereide K 10373
Werff J van der 7271
Werff J T van der 2263
28229
Werff ten Bosch J J van der 51324
Wergeland F L 51954
Werk E E Jr 4870
Werk O 11275
Werkgartner H 55368
Werkman C H 1384
Werkö L 26494
48140
50460
Werle E 19381
29912
Wermer P 36255
Wermut W 6884
53160
Werne S 10369
Werner A 9116
19777
Werner E 10550
27884
40800
45052
Werner G 36247
36248
46016
Werner G H 9657
Werner H 6058 11057 15780 25268 39914
Werner J 1024 13068 42409 47483 54115
Werner K 18928
Werner L H 49343
Werner M 4259
12187
12179
31529
Werner S 23869
Werner-Brzezińska H 53190
Wernert G 14394
Wernitsch W 49901
Wersäll J 15706
Wersäll R 35308
Werssowetz O F von 42464
Wertejuk M 33751
Wertheim A R 20894
Wertheimer 42450
Wertheimer E 7097
Wertheimer J 24880
Wertheimer M 797
16504
Werthessen N T 15002
Wertlake P T 20729
Wertman K 4650
Wertsch H 55745
Wertz F J 24585
26365

Weseman C M 34931
Wesener G 3991
Westcott H R 29448
Wesley L E 50690
Wesley-Tanaskovic I 6626
22641
Wespi H J 24159
30260
40573
Wessel H U 16599
35637
Wessel W 23117
33524
33540
Wesselinoff W 34512
Wessely J 35368
Wesserman E 24721
Wessing A 11342
Wesslén T 23162
25172
Wessler S 38498
Wessman G E 16875
Wesson L G Jr 12504
Wesson M B 33103
35880
West B 23379
34864
West C D 52999
West D 2715
West E S 40531
West G B 5784 7187 26024 40131 41306 41307 51081 51096
West H F 13295
10441
48757
West K M 5526 20731 27252 28582 49171
West L J 12591
12609
West M K 13338
West M L 26655
West O T 24519
West R 54335
West R L 44271
West T C 50268
West W L 24524
West W O 22729
45917
West W T 46892
Westall R G 36530
37735
46537
Westberg T 42253
Westby R K 54954
Wester M R 38596
40264
Westerberg M L 118
Westerberg M R 7391
33436
Westerfield J A 29763
Westermann C D 52633
Westermann E 29896
Westermark S E 25167
Westermark T 45358
Westfall B B 2700
5430
5443
16950
Westgate N M 37968
Westheimer G 24580
41242
Westin B 280 281 282 283 284
Westlake E K 48300
Westlin W 30424
Westlin W F Jr 29756
Westling A 27283
27288
Westling H 5791
41346
48242
49365
Westman A 11902
23818
35094
43195
Westman J C 45566
Weston F 51909
Weston J K 1292
Weston K 1292
Weston R E 12334
Weston W J 40635
Westphal A 23167
34321
34328
Westphal J 55735
Westphal M 17029
Westphal O 3472 19589 25898 30601 30602 30604 34229 34230 34231
Westphal U 20727
Westrick M L 11601
Westrin C G 22128
Westsmith R A 35779
Westwood J C 14101
Wet J J de 21813
Wetherley-Mein G 2069
Wetlaufer D B 40501
40502
Wetstone H 10437
Wetstone H J 628
Wette R 34199
Wetterwald 21258
Wettstein A 35559
Wetzel H 19006
51834
Wetzel N 31581
31587
31588
54787
Wetzel U 18947
Wetzels E 49070
Wetzels E 55548
Wever R 30526
30577
34029
Wewalka F 943
21615
22819
46041
Wexler B C 49273
Wexler J 21804
Wey van der 23276
Wey A P van der 46357
Weyant R G 17092
Weyeneth R 8146
34371
Weyer F 34323
34325
Weyer H 11233
Weyer R 1598
Weyers H 28943
40871
Weyers H A 6567
Weyl P 27770
Weyl R 22072
Weyland H 10338
41756
55537
Weyrauch H M 33109
Whalen R E 21684
Whalen W J 752
Whaley J B 13282
Whaley R D 16820
18374
Whalman H F 35786
Whang J 34173
Wharton G K 527
Wharton T J 12944
Whately M T 16133
39981
Whayne T F 53678
Wheatley D 2279
Wheatley G M 16567
Wheatley R E 24509
Wheatley V R 50651
Wheaton H H 12957
Wheble V H 26096
Whedon A D 50957
Whedon G D 17042
Wheeldon L W 1680
13695
13696
Wheeler A H 5405
50426
Wheeler C E 34854
Wheeler E S 27045
Wheeler H E 25118
Wheeler H O 31281
Wheeler J 53706
Wheeler J E 17916
Wheeler J T 55357
Wheeler P 20765
24384
24390
Wheeler W E 52615
Wheelock M C 8473
8481
11763
31586
Whelan J B 7645
Whelan P J 50663
Whelan W J 6262
52367
Whelpton P K 6766
20898
Whereat A F 35728
Wetheimer P 5338 6286 6287 6326 13021 18540 42433 51366 51376
Whillans D 36300
Whipple G H 27800
50530
Whistler R L 1378
35550
46792
Whitacre J 16557
50158
Whitaker W G Jr 12834
Whitby J D 12872
Whitcher C E 37956
Whitcher H W 2265
Whitcomb F F Jr 49182
Whitcomb J G 11782
39938
Whitcomb W H 920
White A 1160 1397 13225 25027 28260
White A C 1162
White A G 11627
White A M 50103
White B L 46984
White B V 628
10437
White C L 50139
White C S 6526
23306
White D C 469
16861
White D H Jr 4873
41035
White D O 40897
White D P 40806
White F 40566
White G M 48506
White H 43152
53717
White H A 4660
White H C 38625
White H L 748
12508
47108
White I G 5779
19473
White J 40625
White J B 6520
White J C 1242 5534 22103 40247 50157 50368
White J E 17065
White J E 31407
White K L 16641
17012
19955
43254
White L 36342
White L P 1777F
1777
298 J
48419
White M M 10059
White M S 16860
17765
35877
White P 13218
27249
27254
White P B 48581
White P D 1140 24987 43157 46865 50198
White P J 18748
White P L 4428
40283
White R G 29844
White R K 17360
54747
White R M 42059
White R R 55029
White S H 17264
White S M 39560
39562
White T 41346
White T T 3688
White W C 12283
White W L 53117
Whitehall A V 10451
16163
Whitehead R 2766
Whitehead R W 2725
14742
Whitehead W A 17190
Whitehouse F W 17762
Whitehouse J M 44120
Whitehouse M W 7179
35548
Whitehouse R H 18410
Whitehouse W M 12673
Whitelaw G P 17668
Whitelaw J W 4880
Whitelaw M J 13203
Whitelaw R G 50974
Whiteley E J 6439
Whiteley H J 16788
Whiteley J S 19085
Whiteman N C 12260
28534
Whiteside C G 48317
Whiteside-Carlson V 2723
Whitfield A G 48187
Whitfield J F 29835
Whiting F M 7540
Whitley J E 5940
35856
Whitlock J H 48974
Whitlock R T 35816
Whitman R M 8395
Whitmarsh G A 17345
Whitmore G F 47949
Whitmore W F Jr 48541
Whitney D M 10241
Whitney E A 24450
Whitney E B 30628
Whitney J M 6767
Whitney L H 16335
34862
43708
Whitney R 10502
Whitridge M E 51567
Whittaker L R 39176
Whittaker R G 14781
Whittaker R L 35897
Whittaker V P 6259
14132
Whittaker W G 14680
Whittembury G 24038
35792
Whitten W K 17236
50525
Whitter J R 21975
Whittle C H 48178
Whittlesey P 14744
Whitwell J 2096
Wholey M H 8562
31630
Whyley G A 50973
Whyte H M 18746 36980 36981 36993 52330
Whyte M B 40262
Wiame J M 27409
Wiart P 41435
41436
51141
Wiball R 14489
Wibaux M 9054
9055
Wiberg B 23969
Wiberg G 10165
46663
Wicart L 13074
Wichmann G 20332
43604
Wichmann R W 28186
Wichterman R 54393
Wick A E 40232
Wick A N 731
4743
44130
Wick E 11254
26490
Wick H 30142
43013
Wickbom H 45368
Wickbom I 35425
Wicke A 34583
Wicker E H 31631

Wickerham L J 1360
1361
44949
Wickert W A 4643
Wickman K 52711
52712
Wickström A 1060
38708
Wickstrom F 26316
Wickstrom J 50757
Wictorin B 25166
Widder W 46842
Widelock D 12815
Wideman G L 43298
Widen A L 45557
Widén L 24091
Widén T 35468
Widenmann L 39393
Wider J A 15592
Wider S 15592
Wideröe R 15876
Widger J I 55422
Widholm O 24801 24837 24838 24839 24851 36044
Widimský J 1317
11212
Widlocher D 27346 27350 36121 36122 49230
Widmann H 232
15412
18912
Widmer L K 23017
27855
38098
Widok K 37021
Widow W 11380
15362
Widowitz P 19401
Wieclawek B 6968
Wieczorek I 30811
30814
Wieczorek Z 54387
54388
Wieczorowski E 7857
Wieczorowski S 33687
Wied G 24148
Wied G L 13201
Wiedemann H R 12102 19036 19312 21632 42368
Wiedemann J 35566
Wiedenmann O 35410
Wieder H S Jr 50222
Wiederanders R E 11807
Wiedermann B 15774
26506
Wiedermann D 44925
Wiedermann G 22900
23095
38999
46043
Wiedermann M 26506
Wiedman M L 17230
Wiedmann A 3994 16088 39793 39801 46642
Wiegand D 55678
Wiegand H 25821
Wiegand H R 23802
Wiegershausen B 23603
49050
Wiegersma S 29983
52544
Wiehl D G 19134
Wieland H 23053
Wieland T 25880
25903
Wiele E F 11154
Wieliczański H 53187
53193
Wieme R J 1617
35146
Wiemers K 54931
Wien J 2509
Wiener A S 15728
21679
50208
Wiener D N 50448
Wiener E 16399
Wiener J S 8502
Wiener L M 50953
Wiener M F 46505
Wiener S 6474
47014
54612
Wiens A L 31351
Wier J A 47506
Wierman W H 47278
Wiernicka S 43685
Wiersma C A 17973
17974
17975
Wierum C 576
Wierzbicka S 7820
Wierzbicki J 7771
20412
20415
43629
Wierzbicki K 33774
Wierzbowska A 6876
30751
Wierzchowski J 42830
Wierzchowski K L 30892
43683
Wiese H F 41228
50964
50965
Wiesel L L 41041
Wiesel T H 685
Wiesel T N 52453
Wieser C 15859
45783
Wieser S 24917
55404
Wiesinger H 12436
24544
Wiesmann E 9516
23009
32302
Wiesmann W 9516
Wiesner B P 10061
Wiesner J J 22169
Wiest W D 27165
Wiest W G 4845
Wietersen F K 8573
Wietfeldt W 46213
Wigand F T 41255
Wigand H 11937
Wigand M 27495
Wigand R 49143
51783
Wigderson A 1125
Wigdor B T 17371
Wigert R 7965
7971
43607
Wiggall R H 18104
Wigger C 11400
Wiggers K 25684
Wiggins A M 12725
Wiggins H S 13744
49695
Wiggins J S 40709
Wiggins W S 16633
Wight K 5432
Wightman F 19644
Wightman H B 10047
Wightman K J 25019
36249
Wigle E D 26428
Wiglesworth F W 20260
Wigutov J 1550
Wijers D J 47602
Wijffels M 18575
Wijewski E 34914
Wijker H 6564
Wijkström S 7481
Wijsman R A 16271
Wijsmuller G 10516
Wikander P A 32835
32855
54488
Wike D 17289
Wike E L 17101
Wikinski J A 5877
wikler A 44264
Wiktor Z 8088
Wikus K 11001
Wilbar C L Jr 53048
Wilber C G 736
Wilber J F 4969
Wilbrand U 15987
34026
Wilbrandt W 22879
27842
30610
39217
Wilbur R S 27548
49722
Wilcocks C 10511 22322 22323 33132 48598 55076
Wilcomb M J Jr 53649
Wilcott R C 50490
Wilcox A A 20729
Wilcox C 31386
Wilcox F H 12750
Wilcox G E 49062
Wilcox K R Jr 1149
Wilcox P H 15565
Wilcox W C 37565
Wild A M 51084
Wild C H 8542
Wild G 13388
Wild H 46000
Wild M B 49963
Wild O E 22990
Wildbolz E 34361
53512
Wilde A M 2645
Wilde G J 29980
Wilde H 20260
Wilde J 11140 11164 12061 22930 22946 23724 34068
Wilde N J 5206
20396
48422
Wilde S 34130
Wilde W 16105
Wilde W S 12328 12509 28837 31390 35790 35791 51070
Wildegans H 15439
29088
Wilder R M 34880
Wildervanck A 47783
Wildhack R 12104
38960
Wildhirt E 6068
10292
Wildman S F 3654
Wildman S G 1669
Wildner G P 25176
49037
Wildner I 3225
Wildy P 52345
Wilenkina G J 23631
Wiles I A 18720
Wiles L 54419
Wiles P 18700
Wiley A M 8114
14209
53232
Wiley B B 2566
Wiley E D 6390
Wiley G G 50601
Wiley J J 6122
Wiley J W 7497
Wilgram G F 5003
31448
41887
50539
Wilhelm A 33919
Wilhelm D L 2052
2051
14277
Wilhelm E 2418
2421
2422
Wilhelm G 2722
3266
15413
39390
Wilhelm L 34553
Wilhelm R E 16519
Wilhelmi G 49416
Wilhelmina, Sister 16209
Wilhjelm A 22390
Wilhjelm B J 22390
Wilimowski M 29519
Wilk S P 53736
Wilke J 11262
46157
Wilken H 38921
Wilken W 47742
Wilkens B 8351
Wilkie D R 5792
17980
Wilkins E W Jr 5888
13321
Wilkins J M 13795
Wilkins L 29215
36070
Wilkins M H 7176
Wilkins M J 54415
Wilkins R W 10443
13186
46906
47505
Wilkins S A Jr 24660
Wilkins W L 11543
Wilkinson A A Jr 30418
Wilkinson A H Jr 50793
Wilkinson A W 53285
Wilkinson C F Jr 35727
Wilkinson D S 14227
Wilkinson G 50444
Wilkinson G R 41301
41302
Wilkinson J 3400
Wilkinson J F 2070
5099
5100
Wilkinson J F 53266
Wilkinson J H 20610
Wilkinson J H 51015
Wilkinson M 25972
Wilkinson R H Jr 47175
Wilkoff L 17592
Wilkoszewski E 20232
20243
Wilks A E 53322
Will G 54435
Will I 18992
Will J J 50704
Will J J 50722
Willaert 35506
Willard D 53016
Willard D H 55892
55893
Willard H N 30142
Willard J H 17560
Willcox M C 17715
Willcox P H 8287
Willcox R R 23706 26385 26386 26391 37547 38141 48245
Wille G 36076
Wille K 38910
Wille P 25202
Willebrands A F 7273
Willebrands A F 51919
Willebrands A F 52498
Willemin-Clog L 19767
Willemin-Clog L 25449
Willemse C 23900
Willemse C H 13447
Willemsen A 25891
Willemsen R 46585
Willenbrink J 202
Willeput J 48789
Willert H 10284
Willett H P 31338
Willett K C 25069
Willett N P 17219
41234
Willett R 40009
Willi A V 30620
Williams A S Ni 50894
Williams A V 51147
Williams A W 26037
51018
Williams B 4012
12867
Williams B L 41870
Williams C 774
Williams C D 3792
4226
Williams C E 2101
Williams C H 28109
Williams C M 23279
Williams C R 46424
Williams D 14286
22277
48174
Williams D A 2225
34998
Williams D D 49270
Williams D E 5831
5834
24456
Williams D I 20716
31275
41820
44063
Williams D R 21684
Williams D S 7232
Williams E F Jr 3359
Williams E R 18385
Williams E S 48280
48281
Williams F D 12451
Williams F R 54517
Williams G A 12390
38569
Williams G L 9558
25405
Williams G R Jr 1245
13323
Williams H 10529
42087
Williams H A 38014
44856
Williams H L 5062 11734 12681 13280 13292 14226 28575
Williams H M 42147
Williams H N 51120
Williams H W 4832
28280
44788
Williams I F 50159

Williams J 17180
Williams J B 12423
Williams J C 48150
Williams J D 39719
Williams J E 887
24701
William J H 42833
Williams J R 12668
23411
47225
52799
Williams K 47613
Williams L A 32865
35663
50715
Williams L W 4110
16170
Williams M 17744
43617
Williams M D 30160
Williams M H 8535
11544
Williams M H Jr 16825
52677
Williams M J 14745
Williams M W 11610
55001
Williams N 14639
Williams N E 18350
Williams O B 4728
Williams P F 18736
Williams P L 7503
42994
Williams R 28978
Williams R A 5293
Williams R C 24545
Williams R D 856
12722
Williams R E 14464
20893
40890
Williams R G Jr 2598
Williams R H 6747 11612 28235 37097 40544
Williams R I 6230
Williams R J 5464
44095
Williams R L 12609
Williams R P 19624
Williams R R 31364
44070
Williams R S 28966
41419
Williams R T 37075
Williams R W 24703
Williams S 41890
Williams S D 27052
Williams S F 53723
Williams S W 6451
Williams T 21529
Williams T F 5258
23390
38843
Williams T L 2677
Williams W A 11091
Williams W C 40761
Williams W J 26053
Williams W L 31366
Williams W O 53297
Williams W T 3371
Williams-Ashman H G 44146
Williamson D H 5099
Williamson G M 40850
Williamson H O 31410
Williamson J 47606
Williamson J A 16162
Williamson J R 34955
Williamson P 901
908
Williamson R 29282
Williamson W P 41184
Willig F 30544
Willigan D A 31306
Willighagen R C 52452
Willingham W W 17189
50323
55896
Willink J W T 52491
Williot J 14332
Willis A G 34416
Willis A T 5642
Willis C D 48372
Willis L D 14726
Willis M J 12601
15037
Willis R A 5634
5680
17878
17896
Willison C H 5402
Willison R G 14051
Willkens R F 44101
Willman A R 40247
Willmann K H 11422 22197 22218 29015 29118 46200
Willmersdorf J C 8776
21086
Willocx R 36563
Willomitzer H 28920
28933
Willoughby D A 8486
19595
51014
Willoughby D W 19153
Willows R L 52836
Willox G L 22094
Wills S H 47003
Willson J K 47227
Willson J R 38579
Willumsen H 54975
Wilmot A J 24709
Wilmot H E 29760
52150
Wilner B I 45076
Wilner D M 35839
Wilson A T 50537
Wilson C 18711
47622
47623
Wilson C C 54543
Wilson C G 7170
Wilson C J 10262
Wilson C L 36914
Wilson C M 10214
Wilson C O 40361
Wilson D B 47604
Wilson D C 37572
47621
47622
48303
Wilson D E 31348
Wilson D W 40519
Wilson E 47625
Wilson E T 17616
Wilson F 14047
Wilson G 51328
Wilson G M 5775 5776 12792 14200 17899 37729
Wilson G S 3924
5396
24188
Wilson H 5347
47279
Wilson H E 17387
39760
Wilson H L 123
36286
Wilson H T 2161
37554
Wilson I B 13390
32335
Wilson I M 13184
42047
Wilson J 1407
30482
Wilson J B 5188
Wilson J D 31317
Wilson J L 41171
Wilson J N 40606
42961
Wilson J S 2209
27084
Wilson J T 19819
Wilson J W 17888
Wilson J Y 27562
Wilson L G 16926
Wilson L L 36974
Wilson M 560
31612
35795
Wilson M E 11680
Wilson M S 5363
Wilson M W 5396
17408
Wilson P D 10138
Wilson P W 1607
19571
39230
Wilson R 19633
Wilson R E 10100
23489
Wilson R H 1284
23344
38058
38630
Wilson R M 47713
Wilson R N 48297
Wilson R P 52705
Wilson S 53486
Wilson S G 50465
Wilson S R 17709
38073
Wilson T E 50054
Wilson T G 6443
Wilson T H 31355
40519
Wilson T S 28996
Wilson V 20901
Wilson V J 5103
Wilson W C 2837
Wilson W D 4841
49173
Wilson W J 7006
Wilson W L 4238
51592
53060
Wilson W P 43123
Wilson W S 2765
38144
Wilson W W 47057
Wilson-Jones K 7189
Wilt J C 61
Wilterdink J B 49634
Wiltner W 14315
Wimberley C B 10488
Wimer C C 50547
Wimer R E 17371
Wimpfheimer S 5406
Winberg J 12003
35348
35352
Winblad J N 13317
54677
Winblad S 11970
52744
Winburne L D 16940
Winbury M M 5739
24760
Winchell H S 28139
54686
Winchell P 24350
54525
Winchester R A 5813
19093
Winder C L 40746
Winder C V 13455
Windeyer B W 24197
Windhager E E 35792
35793
Windisch F 25304 34176 34241 39262 54383 55536 55566
Windorfer A 49097
55514
Windrum G M 5555
Winegrad A I 49178
Winer A D 1692
9573
Winer L H 20
34847
Winer R 12434
Winfield D L 21868
Winfield M 25010
Winfield M E 25030
Winfree J P 22604
Wing n 36702
Wing J K 2174
Wing M N 6470
Wingard C 13434
Wingate D L 47977
Wingerden C van 25679
Wingerter J 21341
Wingfield J 2151
Wingo C F 24436
Winick C 24588
Winisdoerffer B 4818
Winitz H 5844
5845
Winitz M 1359
25431
Winkel K 30556
Winkelbauer A 6061
11013
41709
Winkelman J 16894
Winkelman N W Jr 39166
Winkelmann M 10548
35596
Winkelmann R K 5 6978 28306 34848 40291 52141
Winkelmann W 23619
Winkle S 46278
Winkler A 30017
46240
55674
Winkler B S 50427
Winkler C 10006
15354
15457
39412
Winkler E 2285
46012
Winkler E G 24499
Winkler K 22443
32229
Winkler L R 47261
Winkler M A 9268
Winkler W 24216
47679
Winkler W T 15443
Winn J F 16775
Winn M M 24701
Winn W C 45915
Winnen L 27476
Winnen W 27476
Winnicott D W 20823
40148
40162
Winnik H Z 27781
Winograd E 17100
Winokur G 5458
44254
Winquist D L 17222
Winsbel A W 12420
Winslow D L 47088
Winsö-Nilsson I 54810
Winsor T 17504
46507
Winsten S 16513
Winston E 19092
Winter A 48978
Winter C A 11651
Winter C C 5932
33112
55032
Winter D 1040
36156
Winter G F 23251
23253
33947
Winter H 6689 13651 15364 15779 34000
Winter K 15380
38939
Winter K A 15373
Winter L 10594
Winter M 11197
23750
Winter W 6677
19447
42401
51841
Winter W D 17142
Winter W J 4503
Winter W R 642
Winterfeld K 36457
47676
Winteringham F P 1659
Winternitz F 9010
Winternitz W W 20787
49510
Winters J H 40364
Winters R W 33066
35816
53011
Winters W 35795
Winterscheid L C 1247
Winterstein H 30580
Wintrobe M M 1783
31301
40538
Wintzerith M 15148
Winzeler H 44921
Winzenried F J 42341
Winzler R J 20786
Wipf R 32322
Wiqvist N 11910
Wirbatz W 38933
Wirecki M 26512
Wirsching W 38974
Wirsig W 52774
Wirt R D 17154
Wirth A 32088
Wirth F 34189
34190
Wirth R 11252
Wirth W 13638
28911
Wirths W 25256
40175
Wirtschafter Z T 24501
46495
Wirz E 13466
Wischnitzer S 6762
Wise B L 47247
Wise B V 8380
Wise H M 46525

Wise H M Jr 25048 54693
Wise H W 27338
Wise R A 47601
Wise R I 47585
Wise R P 37540
Wisebord N 24621
Wiseman J S 32909
Wiseman M H 2616
Wishahi A 1477
Wishahy A G 4952 **4960**
Wishart D E 13282
Wishaupt J 7314
Wishnievsky S 4876
Wishnofsky M 24377
Wishnow D E 20747
Wiskind H K **55889**
Wiskott A **34088**
Wisnicki L 36565
Wisnocka M 27611
Wisner B 28404
Widniewska A 7822
Widniewski H 30733
Widniowski J **20464**
Wisotzky J 28100
Wisotzky M 40717 44229
Wiss O 39257
Wisseman C L Jr 17411
Wisser H **6088**
Wissfeld E 19757
Wissler E H 23290 46361 **46362**
Wissler F C **1388**
Wissler H 39907
Wistrand P 35386
Wiswell O B 22067
Wit G de 43081
Wit J A de 7315
Witebsky E 31414
With T K 10600 10614 32220 32221 32245
Witham A C 14980
Withee J E 40575
Withell J 17400
Witherbee H R Jr 13162
Witherington R **33088**
Withers B T 1183
Withrow F B Jr **18483**
Witkin H A 54430
Witkop B 4770 44974
Witoszyński S 53150
Witsaman L R 40718
Witschi H P 39881
Witt A N 29055
Witt G 23157
Witt H J 11436 34574 49756
Witt J 13362
Witte S 10360 27189 41767
Wittebol P 36866
Wittek L 43443
Wittekind D **46146** 49133 55627
Wittekindt E 9990
Wittels B 18148
Wittels W 41708
Witten B 16704
Witten V H 20512 **39803** 50195
Wittenbeck F 10016
Wittenberg M 16748
Wittenberger M H 16891
Wittenborg M H 14957
Wittenstein G J 48737
Witter D H 8455
Witter R F 13836
Wittersheim G **48901**
Wittgens H 25186
Wittgenstein G 4041 39940
Wittich F 17767
Wittich F W 8670 53840
Wittich G A **39914**
Wittig H 46279
Wittig H H 22206 50125
Wittig K 32963
Wittke G 55452
Wittkower E D **26421** **38028** 44255
Wittmann H G **45840**
Wittoesch J H 22079
Witton H M 28324 28325
Witton K 47185
Wittrup R 4116
Witts L J 5671 **18438** 48330
Wittson C 24625
Wittson C L 16656
Wityk J J 10115
Witz J P 16997 18017 20521 54607
Witz M A (Mme) 13048 **36081**
Witz W 16585
Witzel S **28194**
Wiznitzer T 39775
Wladimiro M 6247
Wladyslaw K 6871
Wlodawer P 31404
Wnuck A L 17945
Wodak E 23042
Wodniecki J 30397
Wöckel W 23111
Wöhler F 38959
Wöhlisch E **55440**
Woelinga H D 7292
Wöllner D 34135
Woerd L A van der 39080
Woerner W 29110
Woerniey D L 1388 48569
Wörth D 37755
Woese C **50331**
Woese C R **40445**
Wohl J 40712 40744
Wohlfarth P 19023
Wohlmuth G 47647
Wohlwill J F 20866
Wohnus J F 6775
Woisky J 47557
Woitier F 7511
Wojcicki H M 2613
Wojciechowska H **39641**
Wojciechowski E 31541
Wojciechowski K 7771
Wojdon H 31532
Wojdyło L 53188
Wojnerowicz C 53127
Wojta H 26170 38424
Wojtasik S 33692
Wojtczak A 30785 30786 30788 30791 30792 30799 30800 30805
Wójtowicz M 20421
Wójtowicz S 28852
Wokes F **30618**
Wokittel E **46076**
Wolaj I F 44576
Wolańczyk T 20435
Wolańska A **53144**
Wolański N 13583
Wolbarsht M L 681 17330 17331
Wolcott M C 7876
Wolcott M W 5869
Wolcott R B 23319 23320 23321 **23323**
Wolcott R R 50029
Woldow A 38488
Wolf A 8403 12635 **34898** 36928
Wolf A de 15067 48798
Wolf A V 32362
Wolf B 5418 28430
Wolf B S 28514 28515 **50872** 50873 50874 **50875** 50876 50877 **50878**
Wolf E 18543 30912
Wolf F R 16243
Wolf G 28391
Wolf H 25277 28056 34351
Wolf H E 42374
Wolf H G 30047 30063
Wolf H G **33083**
Wolf H J **42248**
Wolf H P 51860
Wolf I **8509**
Wolf J 12294 20497 29499
Wolf J K 24760
Wolf L M 13341
Wolf R E 17290
Wolf S 848 1709 10434 33072 42071
Wolf V 24234
Wolf W **15863** 55549
Wolf W J 1354
Wolf Malamud S 20639 31034
Wolfe A L 22579
Wolfe F D 40999
Wolfe L A 24491
Wolfe M 10061
Wolfe R G 40495
Wolfe R N 13335
Wolfe S A **12300**
Wolfe S J 64 17056
Wolfenden W H 6462
Wolfensberger W P 8503
Wolferman A 18654
Wolfers H 42286
Wolferth C C Jr 53003
Wolff A 4050
Wolff A H 53656
Wolff D 1189
Wolff E 26898
Wolff, Émilienne 44621
Wolff, Étienne 44621
Wolff F F 2681
Wolff G 19064 42393 **42407**
Wolff G E 49777
Wolff H 27156
Wolff H G 8424 11660 21720 29269 34880 36254
Wolff H P 49677
Wolff J 4555 4569 19603 42869 49243 49244 49245
Wolff J A 14747
Wolff J L **46919**
Wolff J P 15176
Wolff J R 6990 40059
Wolff K 4440
Wolff L 48700
Wolff L H 32729
Wolff M E 40382
Wolff R 3108 37841 37842 37843 38754 43946
Wolff W 28029
Wolffenbüttel E 21078
Wolfgang M E 17052
Wolfgram F 19803
Wolford J **34900**
Wolfram G 3214 3215
Wolfrom I 25287
Wolfsohn A W 27091
Wolfson B 2031
Wolfsohn B L 43369
Wolfson S K Jr 44146
Wolfson S W 35696
Wolins W 1773
Wolinska W H 46995
Wolinsky E **12789**
Wolinsky G F **24454**
Wolken J J **40599**
Wolkewitz H 18913
Wołkowa M 29505
Wolkowa S A 15334
Wolkowicz M I **34914**
Wollaeger E E 3686 **49703**
Wollen W 589
Wollheim E 13350 18320
Wollheim F 24001
Wollish E G 40347
Wollman D H **17202**
Wollman E L 3049 10201 **36079** 47382
Wollman S H 47119
Wolma F J Jr 34968
Wolman B 37570
Wolman L 51039
Wolman M 2025 2060
Wolna M 27609
Wolooster N 44467
Wołowska J 30395
Wolter F 23218 23236
Wolter H 28851
Wolter H H 11250
Wolter J R 28883 34921 **47057**
Woltman H W 6982 47318
Woltz J H 12383
Womack G K 23398 25032
Womack N A 934 13312
Womer C B 42854
Womersley R A **17965**
Wondrák E 23175
Wone C 41113
Wong K C 24212
Wong M 3144
Wong P L 26070
Wong S 12548
Wong T H 26393
Woo C H 44126
Wood B J 1133
Wood C E 11577
Wood C H 26050 **46398**
Wood D A 24151 24163 24170 24191
Wood D R 14140 48225
Wood E C 52816
Wood E H 10315 51619
Wood E M **37585**
Wood F A 26644
Wood F G **28192**
Wood G C 1645
Wood H 3775
Wood H G 25408 40474 40475 **40476**
Wood J 27729
Wood J C 12565 **13742**
Wood J D **26407**
Wood J E 53668
Wood J E Jr 19972 19977 52757
Wood J L 51044
Wood J P 50246
Wood L E 12801
Wood M L 32623 32629
Wood M W **43519**
Wood O H 42021
Wood P 2204 2224 14041 14248 16556 30412 48153
Wood T H 36334
Wood W 5690
Wood W C 51071
Wood W S 3177
Wood S Jr 11766
Woodall A J 7170
Woodall J 26104
Woodard G S Jr 42062
Woodard H Q 51303
Woodard J S 50930
Woodburn A 15908
Woodburne R T **54725**
Woodbury J F 48482
Woodbury J W 15710
Woodcock S M 26049
Wooden A C 29326
Wooden H E 7018 40018 42856
Woodford F P 52369
Woodford-Williams E 26145
Woodhall B 20781
Woodham A A **8271**
Woodhill J M 51542
Woodliff H J 10248
Woodruff A W 22287
Woodruff J D 20064 43303
Woodruff M F 51137
Woodruff P E 18724
Woods A C 24555

Woods B L 20761
Woods E F 47139
Woods F M 40109
Woods G E 17742
Woods J D 10419
Woods J W 17962 40684
Woods K R 20790
Woods L A 5736
Woods M 16718
Woods M A 2032 2033
Woods P S 51313
Woods R G 6454
Woods R R 28460
Woods R W 17211 19992
Woodside E E 23288 23289
Woodside M 42179
Woodson D R 10141
Woodson H D 18143
Woodward D J 50447
Woodward E M 5489
Woodward E R 22002
Woodward G E 2719
Woodward I C 17605
Woodward J D 5093
Woodward R L 1307
Woodward S F 10975
Woodworth C R 7403
Woody B R 47712
Wool I G 734
Woolever G M 52780
Wooley C F 20104
Woolf C M 14749
Woolf L I 37734
Woolf M 35400
Woolf N 27245
Woolf R B 46987
Woolf W H 50273
Woolhouse F M 43726
Woollam D H 19585 37629 52344
Woolley D W 8348 32337
Woolley E J 47587
Woolley P B 10421 10422
Woolley P V Jr 8121
Woolmer R 53547
Woolner L B 12681 14751 17031 36270 50416 50417 50423 50425 54734
Woolsey F M Jr 19906
Woolvin S C 12211
Wooten E 39208
Wootton I D 13744
Wootton J F 1698
Worbe J F 26682
Worcester J 17037 17038 46397
Worchel P 4901
Word B 17674
Word R 43298
Woringer E 35420
Woringer F 2414 2418 2421 3995 37867
Woringer G 25485
Woringer P 25471 25485
Work H K 47531
Work T H 8340 17413
Work T S 10206 49250
Work W P 6241
Workman C 40619
Workman C E 12701
Workman R L Jr 16714
Wormald P N 38618
Worms R 2495
Wormser E H 47709
Worobec R N 3934
Woronkow S 12541
Worsfold J T 18513
Worth G 25822 25823
Worthen L R 25155
Worthen M 19286
Wortis J 12614 47152
Wortman B 47066
Wortman F 38876
Wortmann H 15321
Woscoboinik J 8195 31015
Wosilait W D 4751
Woskow M H 78
Wostmann B S 50966
Wotiz H H 4391
Wotkyns R S 10122
Woudstra S T 52520
Woughter H W 50376
Wouters H W 19729
Woźniak W 24066
Wragg W R 19610
Wrange G 36595
Wranne L 35350
Wray J B 7491
Wray P E 16729
Wrba H 34171
Wren C W 50895
Wren J J 31425
Wrenshall G A 51811
Wretlind A 54796
Wrębiewicz W 20426 20435
Wright A A 50517
Wright B E 40554
Wright D 14606 48443
Wright D E 52451
Wright E C 22325
Wright E S 25154
Wright E T 27563
Wright F J 43794
Wright G 38063
Wright G H 37627
Wright G P 41211 53501
Wright H B 22714
Wright H N 5827
Wright H V 12924
Wright I M 1127
Wright I S 14955 24977 25831 48706 48713 49652
Wright J 6172
Wright J A 2162
Wright J C 12209
Wright J T 41797
Wright K A 11746
Wright K J 4464
Wright K W 25012 35911
Wright L D 31382
Wright O 8572
Wright P B 48775
Wright P G 5292
Wright R B 51481
Wright R D 28620 52329
Wright R R 48421
Wright S W 37946
Wright T A 37994
Wright V 18371 18372 40618
Wright W A 17623
Wright W H 2450
Wright W K 15729 17494 34936
Wright W T 34870
Wright W W 25002
Wrigley F R 2632
Wróbel H 43657
Wróblewski F 357 511 3976 16568 20753 28425 31369 34982 47510 48538
Wróblowa W 30837
Wrong N M 34861
Wruk M 20452
Wryk M A 19630
Wrzośkowa T 30070 53136
Wtorkowska L 31533
Wu C C 38395
Wu C P 38391
Wu C Y 9606 14938 41177
Wu H N 14945
Wu H T 38385
Wu J 19556
Wu K H 48682
Wu P H L 40548
Wu S C 38396 38412 54425
Wu S Y 21727
Wu T 41496
Wu T P 55149
Wu Y K 51160
Wu Y S 38372
Wu Y Y 14936
Wuehrmann A H 40240
Wülfing G 6679
Wüllenweber R 15883 35949
Wünsche O 40174
Würsten H 41355
Würterle A 3734 11111 22183
Wüstenfeld E 55622
Wüthrich F 26480
Wuhrmann F 11058 46039 49137 53301 54351
Wuketich S 11028 27190
Wulff B L 27252
Wulff H 47924
Wulff H B 11970
Wulff V J 11680
Wulfften Palthe P M van 12035 12037 12039 12042 29231
Wulfsohn N L 969 5579 12069
Wullen F 41896 55463
Wullstein H L 36264 36448
Wulsin J H 12823
Wunderer S 45993
Wunderlich H 55613
Wunderlich K 47667
Wunderlich R A 17097
Wunderly C 11058 11913 19637
Wundt W 23163 55490
Wuokko P 36010
Wurm K 25786
Wurmser L 32920
Wurmser P 47499
Wurster D E 40366
Wurtman R J 11636
Wurzel M 32489
Wutte J 11005
Wuttge A 34532
Wuttge K H 34532
Wyant G M 14565 14566 37958
Wyatt F 47151
Wybert A 3315 20635 27204 27231
Wybert L A 15491
Wyburn G M 16783 21730
Wyburn-Mason R 37731
Wycis H T 19787 23413 27030 55753
Wyckoff L B Jr 19554
Wyckoff R W 5906
Wycoff C C 47308
Wydeveld P G 7228
Wyke B D 7303
Wyke B D 48134
Wyke M 5500
Wyker A 51917
Wyklicky H 11047
Wykoff D E 5591
Wyler R 32312
Wylie B 43330
Wylie D W 20728
Wylie E J 1234
Wylie J H 11704
Wylie K 38047
Wyllie J 38050
Wyly R S 20251
Wynder E L 14543 24983 38063 38080 48314 50888
Wyndham C H 4662 5773
Wynn S K 4458
Wynn V 2155
Wynn W 41227
Wynne A T 44257
Wynne C V 7012
Wynne K N 28987 42957
Wynroe R F 8537
Wyrick H J 23333
Wyrsch J 27036
Wysocka F 31515 31520
Wysocki K 43656
Wyss F 53306
Wyss R 54341
Wyss V 37385
Wyss-Chodat 20601
Wyszmacka W 30726 30763 43150
Xardel H 42004 42008
Xavier A 42188
Xiumé G B 39504 42595
Yadava R P 12761
Yaeger J A 21974
Yaffe C D 470
Yaffe D 17778
Yaffe S 43513
Yaffee H S 55132
Yager R E 31389
Yagi I 16465
Yagi K 15083 748 37835
Yagi T 13817
Yagi Y 4251 20780
Yagishita K 40431
Yajima G 46873
Yahni E 43924
Yakovlev P I 50927
Yalcindag S 47644
Yale I 16738
Yalim Z R 32994
Yalom I D 42029
Yalow R S 35717
Yamada E 5908
Yamada E W 4772
Yamada H 2815
Yamada M 16462
Yamada S I 46697 47142
Yamada T 27096
Yamada Y 22258 22259
Yamagishi M 14922
Yamagishi S 25153
Yamaguchi N 39367
Yamaguchi R 22255
Yamaguchi T 41493
Yamaguchi Y 16439 22263
Yamaha T 29867
Yamakawa T 45930
Yamaki I 20632 41487
Yamamoto A 4338 4345 40932
Yamamoto C 39370
Yamamoto J 26387
Yamamoto K 15581 26784
Yamamoto M 16455 49241 49242
Yamamoto R S 6757
Yamamoto T 5069 16351 50027
Yamamura Y 18167 18177 25852
Yamamuro B 8506
Yamanaka H 2827
Yamane G M 16531
Yamane T 7654
Yamanouchi I 1349
Yamasaki T 52347 52351
Yamase Y 55431
Yamashita K 18160 18161
Yamashita T 22255 26786
Yamate A M 49475
Yamazaki E 49252
Yamazaki H 46873
Yamazaki S 40427
Yamazaki T 50073
Yamg 16439
Yamshon L J 14556
Yanagisawa K 16463 16464
Yanagisawa K 25004
Yanagita T 15578 25153
Yaneva (Mme) 2494
Yaneva H 44624
Yang C C 38384
Yang I T 9605
Yang S C 38380

Yang T C 14938
Yang T W 14947
Yang W C 38391
Yang Y C 55149
Yankauer A 7546
7876
Yankee R A 22911
Yankelevich E 21210
Yankopoulos N A 40695
Yannatos G 54020
Yannet H 17926
Yannicelli E 33014
Yannoulis 19320
Yanofsky C 21676
Yanta G M 24489
Yao H H 38375
Yao K P 38368
Yao S C 16457
Yaoi H 55430
Yaoi H Jr 55430
Yap C L 50429
Yaphe W 52365
Yarbro C L 18154
5925
Yard G H 43311
Yarvis J J 20522
Yarza J 36843
Yasargil E C 22199
54930
Yaşargil G 23798
Yasuda K 20109
Yasukawa T 41492
Yasumura Y 52302
Yasuzumi G 16959
5903
26466
34408
Yates A J 31559
Yates A K 37722
Yates F E 12549
39211
Yates P O 51343
Yates-Bell J G 26130
Yazigi R 21173
21199
Yazlie F 8210
Ybema H J 53092
Yde A 3181
Yeager D W 12223
Yeary R A 23283
11527
Yee I L 36981
Yee J 5897
Yeh F 2856
Yeh K T 38377
Yeh T T 2864
Yeh W F 38372
Yeh Y H 29048
Yemm E W 52332
Yen H C 14945
Yen J C 38414
Yen M 47140
Yenel F 31095
Yenen E 12402
Yener M S 32993
Yenermen M 33000
33001
Yenermen M H 23811
Yensen R 19484
Yenson M 45434
Yeo D 47604
Yeoman W 18707
Yerby A S 30188
Yerganian G 5428
Yerges L F 12239
Yesner R 4838
Yessis M 25048
Yessler P G 50176
Yetis R 37721
Yevich P P 33
Yi K C 38378
Yiengst M J 40875
50732
Yildiran C 22381
Yildiz M 568
Yim B J 586
33055
49848
Ying Y Y 38389
Ykelenstam P A 7284
11798
36865
Ylinen O 36045
Yli-Pohja M 24827
24828
24829
Yliruokanen A 21988
Ylppö A 33936
Yockey H P 23335
Yoder F D 54281
Yoder R E 23329
23331
Yódice A 49160
Yoel J 20656
39129
43860
Yoeli M 27422
39812
Yoffey J M 13224
42993
52385
Yoganathan M 5656
26042
Yohe R M 41014
Yokoi H 29809
Yokoyama A 42962
Yonce L R 35796
Yoneda F 14907
14910
14928
14929
Yoneda K 55436
Yoneda S 3497
Yonetani T 29813
Yoneya T 24114
Yonezawa M 55431
Yonkman F F 35986
Yontef R 42157
Yoon I L 853
47245
Yorke R W 52364
Yoshida A 1374
20571
Yoshikawa H 39453
49662
49663
Yoshikawa M 19790
Yoshimura H 35792
Yoshimura S 14929
Yoshino K 16461
Yoshioka H 22917
33888
38987
Yoshitake J 12977
Yoshizawa H 46925
Yoshizawa T 42990
Yoss R E 20807
Yost D H 16767
Yost H T Jr 20924
44977
Yotis W 44137
Yotsuyanagi Y 48844
Youatt J 12020
25777
Youdale T 29835
Youmans G P 31578
Youmans H D 46385
Youmans H D Jr 33099
Young A B 26058
Young A C 48726
50402
Young A E 47228
Young A W Jr 3774
19911
Young B R 810
24650
Young C A Jr 47029
Young C T 41230
Young D 10051
Young D A 7174
Young D M 37971
44112
Young D W 4666
Young E 52477
Young E H 48243
Young F 28192
Young F G 8647
13739
25858
39220
Young G 16871
Young G A 7262
12751
Young I 23516
Young I E 16961
Young J A 12045
Young J Z 39184
53483
53482
Young K J 44859
Young L 10699
13708
Young L E 24981
Young M B 40011
Young M D 14458
23421
51004
Young M K Jr 23340
Young M K Jr 23341
Young M M 5859
Young M O 23505
28504
Young P C 49710
Young P R 50264
Young R J 5546
47128
Young R K 4447
Young R L 31461
32339
46891
Young R R 5786
Young R S 4765
27405
Young S 4648
Young T M 12862
Young W C 7865
49513
Young W G Jr 18116
52751
Young W N 16338
Young W P 5894 10081 11814 16608 22907 33871 46056
Youngblood R W 5861
Youngblood V H 45081
Younge P A 11760
24160
52822
Younger C 51621
Younger D 7466
Youngken H W Jr 16723
40363
Youngner J S 10861
Youngstrom J A 52464
Younker W J 12223
Yount E 19956
Yousef M H 4961
Youssef A F 50982
52830
Yow E M 11614 19853 23398 25033 54860
Yow M D 20256
23398
25002
Yphantis D A 40540
Ytrehus A 46714
Ytrehus K 19951
Yu P N 24985
33055
Yu S Y 40879
Yu W L 41264
Yu Lin T 26415
Yuan C W 2853
Yuan H C 38398
Yuan H H 38393
Yuan P H 14945
Yuan S N 38370
Yuan T'ien H 51950
Yudaken I R 9792
Yudilevich D 31328
Yudkin J 10061
53261
53566
Yudkin S 42180
Yü C F 2857
38401
Yü K J 38369
Yü M H 38390
Yü P J 38413
Yü S C 14942
Yü S T 45593
Yü T F 577
19667
35717
36912
Yue W Y 24729
Yuen C K 4009
Yuile C L 50530
50531
Yuker H E 21874
Yunker M H 4553
4554
Yurkon E J 4549
Yushok W D 2716
48578
Yusken J W 40410
Yustis A S 35618
Yuyama T 39370
Yuzuriha Y 40386
Yvanoff J 21581
50359
Yver 407
42441
Zaar B 44903
Zaayer R L 57
Zabelina T N 33343
33344
Zabin I 1672
5488
Zabludovich S 32470
53356
Zabludovskaia E D 12142
43570
Zaboikina V A 55208
Zabokrzycki J 30718
Zabroda G S 49219
Zaccone G 13123
Žáček J 38317
Zachar J 38183
38184
38185
Zachariae F 208
11908
11909
38844
Zachariae L 2678
Zacharias B 29845
Zacharias L F 47016
Zacharov F G 48672
Zacharová D 38183
38184
Zachau-Christiansen B 22432
27097
Zacherl H 45947
Zackheim H S 23361
Zacks S 41288
Zacks S I 44077
Zaclis J 36907
Zacouto F 26741
Zacutti A 39349
Zacutti A 49598
Zádory E 19565
29174
43440
46090
Zadunaisky J A 8981
26715
Zaepfel F M 54717
Zaeva S P 11469
11470
Zaffagnini B 51972
Zaffagnini E 24967
Zaffagnini V 47812
Zaffiro P 13927
Zafiropoulo A 9627
24300
Zafirov Kh 28761
Zagaińska T 30804
Žagar Ž 18521
Zagerese R 3867
9319
21448
44167
Zagdoun 49739
Zaglukhinskaia S B 10716
Zagnoni C 188
Zago Filho H 8732
Zagorodskaia M M 10827
Zagorski K 2093
Zagorul'ko T M 49533
Zagurov G 32806
Zahareanu F 31137
Zaharescu T 43992
Zaharie O 6588
Zahler S A 4713
Zahn F W 11376
Zahn G 52303
Zahn H 27897
49085
Zahn K 21561
Zahn R 30514
Zahn R K 11279
34007
49907
52303
Zahn T P 50095
Zahnert R 23604
Zahnow W 52249
Záhoř A 14837
Záhoř Z 44878
Zahorcsek A 28791
28792
27532
Zahradníček K 38309
Zaichik P S 22554
Zaichikova N A 45773
Zaidi S 26043
Zaidi S H 40070
Zaidler Ia I 3562
Zaidman M 43893
Zaikina R G 55327
Zaiko N N 7796
Zaiman E 48337
Zafmi A 22387
22388

Zafmi A 33382 55098
Zafmi I (Mme) 55098
Zaimis E 6260 28619 44161 48239
Zaimova N 45306
Zainasheva N V 33184
Zairat'iants V B 33608
Zairov K S 45250
Žaitlik V 38277
Zaitlin M 45835 45836
Zaitsev A A 34625
Zaitsev V M 32885
Zaitseva G N 19104 19117
Zajac I 8097
Zajac W 15277
Zajacová E 14811
Zajcew W 923
Zajdela F 48789
Zajfc F 26544
Zajícek M 38337
Zajusz K 20186 30388
Zak B 15024 32865 35663 50715
Żak F 36004
Zak F G 5407
Żak R 21552
Zakhar'evskaia M A 25753
Zakhar'iants N A 51744
Zakhariev K 45294 45296 45297
Zakharov A A 10939
Zakharov V A 15768
Zakharova A I 34791
Zakharova I Ia 29556
Zakharova L B 45236
Zaknarova N A 48035
Zakharova T L 5983
Zaki O 49336
Zakon S J 49985
Zakorkina T N 34628
Zakov N 55552
Zakrevskii L K 43373
Zakryś M 30748
Zakrzewski A 30310 30321
Zakrzewski K 30781 54389
Zakrzhevskii E B 45888
Zaks M G 12170
Zaks M S 40752
Zakstel'skaia L Ia 33649
Zalatarev Zh 32774
Zalcman R 35148
Zaldda de Delfino E 8700 44389
Zalewski T 7811 20235 25445
Zalik S 14620
Zalkan P M 22496
Zalta J P 3036 38634
Zamakhover Sh M 52972
Zamarriego 10400 22270
Zambal Z 3986
Zambianchi A 1522 42624
Zamboni A 6908
Zamboni P 13973
Zambra E R 15479
Zambra G 30236
Zambrzhitskii I A 34815
Zamcheck N 522 40571 50723
Zamdborg L F 54577
Zamecnik P C 1714 16923
Zamenhof S 7258
Zamfir C 6590 44002
Zamfir D 53248
Zamfir R 46336
Zamgerlin M 36139
Zamiatkina O G 33560
Zammit F 37613
Zampa G A 3590 3845 3866 3888 39650
Zamparo D 9394
Zampieri A 53831 54219
Zampori O 13966 16028 31114 37468 44166 52079
Zamychkina K S 10931 37168
Zamyslova K N 18291
Zanalda A 13506
Zañartu J 14756
Zanasi R 31741
Zancan B 52020
Zanchetti A 12528 44364
Zancolli E Jr 8163 8219
Zander H A 20136 40766
Zanella E 1897 26596 47808 48684
Zanen H C 10521
Zanen J 14489
Zanetti E 13125
Zangaglia O 1941 1942 9279 9363 9366 13346 37302 52069
Zangheri E 8989 36721
Zanglia O 9354
Zangwill O L 5500
Zanini P 6812 6818
Zaniolo W 23646 35030
Zankiewicz W 30869
Zannelli C 25640
Zannoni D 20815 52050
Zanoli R 26595 42581
Zanoli S 47801
Zanotti G 13495
Zanotti L 6763 42457
Zantarjja G V 55336
Zanten E van 10525
Zanuso F 25610
Zanussi C 44826
Zanzola A 3901
Zao Z Z 24332 35620 47140
Zaoli G 25571 42752
Zaorska B 30402
Zaoussis A L 4789 25351
Zapalkevich I F 39586
Zapapas J R 40354
Zapata J A 31867
Zapata Aparicio I 44509
Zapater R C 31803
Zapatero J 44495
Zapatero Domínguez J 44487
Zapf K 42456 46574
Zapfe H 35584
Zapletfiek M 2760
Zapletalova E 33182
Zapp F J 49893
Zappala S 24948
Zappoli R 32143
Zaprianov T 32737
Zara M 21763 36058
Zarabini G E 2499 24967
Zárate M 37285
Zarattini F 42768
Zarcoff M 121
Zaręba J 8072
Zaret M M 35859
Zaretskaia I Kh 21881
Zarfas D E 2594
Zargarli F I 20271
Zariello J J 50324
Zariquiey M O 51550
Zarit J I 21512
Žarković G 51676 51687
Zarnea G 9462
Żarnowski E 33719
Zarodskaia I S 36572
Zarriello J J 28206
Zarrilli L 27639
Zarrindjam A 9197
Zarrow M X 12532 13193 35116 39194
Zarubin S A 5987
Zaslavsky A 31002
Zaslawski M 19037
Zasowska K 31538
Zástěra M 2772
Zasukhin D N 18882
Zatsepin S T 43394
Zatti M 1958
Zatti P 1524
Zatuchni J 12306
Zatulovskii B G 55845
Zatzkin H R 29772
Zauli A 6925
Zaumeyer W J 25120
Zaumseil I 43609
Zaunbauer W 22643 45994
Zaunick R 53103
Zavadskaia T I 21899
Zavala Jurado A 15484
Zavaleta A A 3794 26610
Zavaleta D 8680
Zavaleta D E 8178 25952 37286
Zavarzin G A 19115 51927
Zavate O 47413
Zavatteri P 19230
Závázal V 280 11996
Zaveleta D E 49359 8682
Zavesa P Z 52857
Zavgorodnii L G 10723
Zav'ialov V V 10737
Zawadowski J 6868 24750
Zawadzka M 32174
Zawadzki T 30849
Zawilski J 20447
Zawiślak T 33810
Zawisza R J 11587
Zawisza W 29520
Zazzerini M P 37424
Zbar F 49807
Zbarskii I B 10934 55328
Zbarsky S H 14624
Zberovskaia N V 45739 55237
Zbinden G 21656 32314 33986 49693 54391
Zbinden J 39863
Zborovskaia I I 52972
Zburzhinskii V K 3578
Zbykovskaia L A 18257
Zdanovich V M 36379 52865
Zdansky E 12049
Zdenković A 11406 23203
Zderkiewicz W 38465
Zdravič F 14056
Zdravković A 39706
Zdrodovskii P F 22693 33644 45100
Zdrojewski W 39642
Zdzienicki S 33740
Zeaman D 2839 8421 17095 24462 24463
Zébouni F H 31957
Zebrack S D 4591
Žebro T 30393
Zec R 9953
Zecca I 53801
Zecchino V 9264
Zeccolini R 29686
Zechman F Jr 46380
Zechmeister L 27482 33127
Zedgenidze G A 43407
Zedler R E 27792
Zee H J 41021
Zeedick J F 12963
Zefirova G S 41653
Zegarelli E V 4395 4396
Zegers R T 20585
Zeglio P 44346
Zeh E 6604 29432
Zeh W 49060
Zehbe I 18918
Zehender C 25323
Zehender K 29894
Zeid S S 49710
Zeidler U 34112
Zeiger K 34223
Zeilhofer R 40130
Zeininger K 11896
Zeipel G von 25173
Zeis D M 813
Zeiss C R 50218
Zeiss P 55594
Zeit P 51866
Zeit P R 2935 26609
Zeit W 11795 12999
Zeitlhofer J. 27506
Zeitler G 52201
Zeitlin B R 13403 13404
Zeitlin N S 24609
Zeitz H 18927 18928
Zelazna I 43001
Żelazowska M 53196
Zelcer I 3350
Zeldenrust E L 15803
Zeldis A 13296
Zeldow B J 4407
Zeldowicz L R 17794
Zeledón R 5598
Zelená J 38211
Zelenka J 48641
Zelenka L 46078
Zelenskii S I 45897
Zelený A 49335
Zelger J 55388
Zelickson A 46389
Zeligman I 5224
Zeligman S B 10768
Zeligowski H 43663
Zelitch I 40480
Zelle M R 6428 34836 44948
Zeller A F 16864
Zeller E A 41278
Zeller F 22345
Zeller R W 11698 40268
Zeller W W 15559
Zellner R 369
Zellweger H U 16543 16544
Zelman S 4390 35702
Zelony A 26 16364
Zeloof D 18083
Zeman K 38153
Zeman L 38321 38323
Zeman W 17801 50901
Zemánek J 14861 38244 38245 38314 48608
Zembrzuski K 30405
Zembrzuski L 43682 53197
Zemburowa K 53210
Zemlianoi A G 5989
Zemplényi T 26555 26556 31791 48628
Zemskaia A A 18886
Zemskaia A G 34800
Zen-Yoji H 4345
Zenaishvili O P 51734
Zenfsek L 38272
Zeníšek A 2736
Zenk H 49034 49042
Zenker C 30058 34354
Zenker H 34346
Zenker R 7078 14948 29048
Zenker W 22815 42879 52182
Zennaro M 15900
Zenobi G 9343

Zenzen G 19054
Zeppa R 933
Zerbi E 25603 25607 25611 25619 25625 36791
Zerbi F 32155
Zerbib P 41139
Zerbini E 8362
Zerbini E J 53850
Zerffi W A 1185
Zerlett G 12066
Zerman A M 11955
Zernov N G 20269
Zertsalova G I 22496
Zertsalova G N 45142
Zervopoulous G 8141
Zerzan C J Jr 12546
Zettel G 4049 39063
Zetterberg B 43227 43228
Zettergren L 12001 25854
Zetterlund A B 45335
Zetterström B 43248 43347
Zetterström R 11998 12003 12006 35351 35352
Zettler F 29092
Zetzel E R 40151
Zetzel L 35670
Zeumer G 38934
Zeutzschel B 34395
Zevakina I S 11503
Zeval'd L O 49540
Zeveleva Z A 55240
Zevely H A 23400 35198
Zeydler L 28848
Zezschwitz K A von 3992
Zgorzynski F 2709
Zhabotinskii Iu M 25733
Zhagrin A G 10948
Zhakov M S 47869
Zharkov M V 22679
Zharkovskii G A 10764
Zharova V V 5955
Zhdanov D A 47852 47890
Zhdanov V M 32575 50593
Zhdanov V S 21092 ∅ 25761
Zhedunova M I 34673
Zhelev Zh 28741
Zheliazkov D K 45303
Zhelokhovtseva N N 18243
Zhemerdei A I 33328
Zheutlin N 4449 31635
Zhidikhanov K A 31232
Zhilinskaia M V 43548
Zhilinskaia M V 43560
Zhirmunskii A V 33459
Zhirnova A A 37215
Zhislina M M 5948
Zhizhina N A 6639 7786
Zhmakin K N 45107
Zhmeido A T 7931
Zhmud' L B 55263
Zhmur O I 6002
Zhmur V A 10750 45670
Zhordaniia-Rapava T K 18866
Zhorov I S 18179
Zhudina A I 37216
Zhuk E G 39614
Zhukov B P 5986
Zhukov V I 45743 45874
Zhukov-Verezhnikov N N 33468
Zhukova E K 7882 25746 53042
Zhukova G P 47879
Zhukova N M 33295
Zhukova O T 21885
Zhukovskii M A 55189
Zhumatov Kh Zh 46811
Zhuravleva L I 21894
Zhuzhgina M A 34652
Ziabbarova S A 3804 33319
Ziaco R 30682
Ziarek S 53129
Ziazin I G 21933
Zibordi F 55648
Zicha L 11237 12190 12191 22995 29429
Zickgraf H 6087 49897
Zief M 19471
Ziegenspeck D 32966
Ziegler A 8149
Ziegler D K 43122
Ziegler D M 13765 13794
Ziegler D W 1300
Ziegler F 11116
Ziegler F J 41174
Ziegler G 15868 21611
Ziegler H 11272
Ziegler H K 39533
Ziegler K 4048
Ziegler W 39876 52303 54368
Ziegler W M 16706
Ziegler-Günder I 34381 34382
Zielenlewski J 7774
Zielińska E 24055
Zieliński J 27610
Zielinski J F 46415
Zieliński T 27612 30749
Zieliński Z 33721 33757 33758 33819
Ziemnowicz S 30389
Ziemssen C 28937
Zierfuss E 49631
Zierler K L 4681 14344
Zierz P 27119
Ziesmann K 47016
Ziff M 13627 13630 36908
Zigler E F 5050
Zijl F D van 9823
Zijlstra W G 29954
Zikeeva A I 20302
Zikeeva V K 31152
Zikria B A 2344
Zila A V 46368
Zil'ber A P 12166
Zil'ber L A 20194 33167 33574
Zileli M Ş 45447
Ziliotto D 11953 11971 32603 32694 33997
Ziliotto G 9314
Ziliotto P 188 191
Zilisteanu C 9063
Zill H 10089
Zilli A 3893 54200
Zilli E 30681
Zilli L 15901
Zilliacus H 10327 24839 36046 48717
Zillig W 27918
Zilliken F 35548
Zilva J F 13183
Zilversmit D B 41030
Zima E 8967
Zimanyi I 52884
Zimbardo P G 50505
Zimina Z V 34814
Zimmer J 2421 3995
Zimmer R 54731
Zimmer T S 48555
Zimmer W 34563 46017
Zimmerman A A 20646
Zimmerman A M 3498 39274 39282
Zimmerman C 34996
Zimmerman D C 20131
Zimmerman F T 12590 19792
Zimmerman H A 486 14034 22005 18132 24349 24351 24355
Zimmerman J 35633
Zimmerman J M 11808
Zimmerman L E 83 10409 33026 47018 47048
Zimmerman M C 11588 34845
Zimmerman S L 52624
Zimmermann A A 4142
Zimmermann B 13705
Zimmermann B U 16897
Zimmermann E 23101
Zimmermann E K 16114
Zimmermann G 34075 34076
Zimmermann H 15866 29474 41737
Zimmermann L 11445
Zimmermann T 23070 34066
Zimmermann W 18323 36426
Zimmermann W J 5603
Zimny M L 12524
Zimny S 47436
Zimonyi I 7702
Zimskind P D 49504
Zina G 42553
Zinchenko A P 34687
Zindel M 8735
Zinder N D 32359
Zindler M 12890 54929
Zingale S B 42186
Zingoni O N 8220
Zinicola N 29603 29742 31663
Zink G A 6516
Zinke M 13159
Zinke M R 49168
Zinkham W H 7868 43509
Zinkiewicz W 31518
Zin'kov M L 28830
Zinn B H 27930
Zinneman H H 24723 46425
Zinnemann K 37649
Zinner D D 16532
Zinner H 1322 11046 13372 36459
Zinnitz F 18950 22943 29468 34035 42384 42905
Zinolli L 1513 1981 36739 36740 36741 36742 36743 36760
Zinov'ev P M 34773
Zinovieff A 1203
Zins G R 55002
Zinser H K 24149 45271
Zinsou R 6301
Zinsser H F 10424
Zinsser H H 49494
Zintel H 14759
Zintel H A 46512
Zintz R 28910
Zinzius J 19012 19060 22982
Zion M M 6179 21824
Ziperkowski L 27771
Ziperman H H 34939
Zipf K E 38097
Zipkin I 8440
Ziporin Z Z 1700
Zipp H 6686 18980 29478 36469
Zippel R 3947
Zippel W 3746
Zipper H 50594
Zippert A M 45818
Ziprkowski L 39770
Zirilli G 18536
Zironi A 13932 37299
Zischinsky H 22767 52261
Zischka W 25839 46242
Ziskind A 23513 50178
Ziskind E 14557 16626
Ziskind J 2884
Ziskind R L 50178
Ziseu I 53426
Zita G 22792 55403
Zita K 28909
Zitelli N 7516
Ziti L M 21066 21067 21069 44462
Zitka E 45995
Ztka M 48584
Zito A J 47005
Zittel R X 29079
Zittle C A 1350
Ziuzin I K 10805
Živanović O 10922
Živković J 21962
Živković M 21950 27867
Zivkovitch V 34324
Ziza P 44749
Zizine L 26665 36176
Zizza F 743 4679
Zlatarov S 17524 17525
Zlatarov Zh 45284
Zlatitskaia N N 13568
Zlatnik A P 634
Zlatoverov A I 34714
Zlobin V S 1728
Zlochevskii P M 22154
Zlotnik A 16080
Zlotnik I 17107 17109
Zlotnikov E M 55240
Zbtorzycka J 33817 33818
Zlotowski I 43008
Zmanovskii Iu F 12117
Zmorski T 7773
Zmud F 21243
Zmudziński J 30813
Znamenáček K 39737
Znamierowska M 30076
Zoch E 49900
Zoedler D 34365 55591
Zöllner F 15444
Zöllner N 15447 15456 22190
Zörenyi I 35371
el- Zofri M 31705
Zoghbi E 50556
Zograbian S G 46330
Zografov D 32741
Zografski B 32775 45305
Zographos G 9032 9034 26267 30472
Zoha M S 41309 41310 41325
Zohar E 39786
Zohman L R 16825 52677
Zolik E 17350
Zolina Z M 3805
Zollikofer H 39878
Zollinger H U 11289 54334
Zollinger R M 151 11623 16555 27551
Zollinger W 4024 39680
Zollner S 6061
Zollo M 19204 39701
Zol'nikov S M 10724 18226
Zolochevskii M A 45862
Zoloff R 1596
Zolotarevskii V Ia 32547
Zolotavina I L 7912
Zolotokrylina E S 22525
Zolov B 5312

Zoltán A 39733
Zoltan J 10597
45370
52885
Zoltán L 23805
Żołłowski Z 33806
33807
33815
33816
Zomzely C 52324
Zonchello S A 21001
Zondag H A 52505
Zondek G W 11901
48320
Zondek H 3970
11901
48320
50065
Zondek T 1028
Zoni G 1849
Zonneveld R J van 3793
49783
Zonshtein I R 12115
Zontachew P 23177
34571
46130
Zorab E C 44049
Zorgniotti A W 6490
Zorn B 11291
Zorn H 3735
Zorn L 6711
Zorrilla J I 8179
31011
Zorzi C 11826
Zosimovskaia A I 44017
Zosin C 6580
Zotikov E A 45618
48015
Zotin A I 40783
Zotov A P 45850
Zotterman Y 15708
52425
Zottu S 40473
Zoubek R 38306
Zoula J 12146
Zoulek D 44867
Zourbas J 54008
Zoutendyk A 9800
Zozulia Ia A 55309
Zsámbéky P 20164
52919
Zschoch H 34445
55655
Zsebők Z 10576
22894
23744
51432
Zsellonka L 37193
Zsolnai T 23155
32317
34471
Zsolnay J 30036
Zuanazzi G F 35012
37452
Zubairov D M 13840
Zubay G 7177
29803
Zubchuk N V 51216
Zubek J P 2575
40884
Zubek J P 50588
Zubiani M 24920
Zubirán J M 21153
21158
Zubirán S 21153
Zubkova R I 55791
Zubkova V L 7916
Zubov V F 45887
Zubovskaia A M 55300
Zubrod C G 36255
Zuccarini N 26639
26640
Zucchelli G P 49595
Zucchelli P 3853
16026
29700
32090
Zuccoli G 42488
42490
Zucconi C 26626
Zucconi V 44331
53763
Zuck D 37541
Zucker A 1129
Zucker A H 773
23422
Zucker H 5548
Zucker K B 40859
Zucker M B 48056
50462
Zuckerman A 40941
Zuckerman A J 26112
Zuckerman E 25977
Zuckerman H C 28516
Zuckerman M 637 4906 17134 17171 17177 53619
Zuckerman S 17233
40805
50294
Zuckermann C 21130
27578
44525
Zuckermann E 5516
Zuckermann Duarte C 38526
Zuckert D 11424
Zuckner J 12309
17017
36302
54188
Zuco C M 40953
Züblin W 21609
Zülch K J 34692
34604
Zürcher P 27703
Zürcher W O 44303
Zürn H 49028
Zürn L 29037
Zufall R 5924
Zufarov T Z 51741
Zugibe F T 54586
Zuhdi M N 12709
Zuhdi N 50990
Zuidema G D 11552
43151
46378
Zulden N van 43063
Zulkova E Iu 51938
Žujović J 9948
Žuk A 29507
uk E 16040
Zuk G H 597
5113
Zukifnová M 38294
Zukowski K 33800
33801
33802
33803
Zukschwerdt L 29052
Zuleger S 34404
Zumbach P 30977
Zumberge J H 13274
Zumpfe G 36483
Zumsteg D 7026
16169
Zunder J 53361
Žunić D 10562
Zunia C 40872
Zunino 18645
Zunino F 20655
44419
Zunino de Rodríguez E 1561
Zuppinger A 49310
54323
Zurabashvili A D 46328
Zurkowski J Jr 8095
Zur Linden V 35570
Zuschek F 12771
Zusman J 5041
Zuspan F P 646
Zutt J 43107
Zvarik E 33267
Zver'kova F A 43557
Zviagin L M 22539
Zvigal'skaia M S 9902
Zwaag G L van der 29947
Zwan A van der 52494
Zwart A 47610
Zwart F M 52546
Zwart W 32498
Zwart Voorspuij A J 13047
47610
Zwartouw H T 14101
Zweifach B W 25986
54427
Zweigart P A 93
11679
Zweigel I 42159
Zwerdling M 4576
Zwerling M H 49383
Zweymüller E 7092
22801
Zwi S 26056
Zwicker M 2288
Zwingelstein 8230
Zwingelstein G 26323
Zybina A S 6032
Zybina E V 13571
Zybov A M 45140
Zych Z 49380
Zychowicz C 53168
Zygmunt K 6871
Zykov A A 45680
Zykova A S 39606
Zykova Z I 34778
Zylmann E 6701
Zymalkowski F 13366



★ U. S. GOVERNMENT PRINTING OFFICE: 1959 O - 481284